Nueces Basin Water Supply Study
Phase II
Conditional Probability Modeling

Presented to:

Nueces River Authority
City of Corpus Christi
South Texas Water Authority
and
Texas Water Development Board

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Michael Sullivan and Associates, Inc.
Engineers and Environmental Consultants
Austin

ACKNOWLEDGMENTS

This project was born of the competition between man and the environment over that most precious of Texas' natural resources -- water. Nowhere is that competition more intense than in the Nueces River Basin, where the burgeoning population of the City of Corpus Christi and the highly productive Corpus Christi Estuary System both require substantial amounts of water to maintain their health and integrity. Thus, the success of a project such as this study can only result from the commitment of representatives of both major water users and environmental interests.

Michael Sullivan and Associates, Inc. wishes to acknowledge a number of individuals and agencies for their input, support and cooperation during the performance of this planning study. The Texas Water Development Board, Nueces River Authority, City of Corpus Christi, and South Texas Water Authority provided the financial resources, leadership and direction under which this study was conducted; the Texas Water Commission provided the forum and impetus for the development and evaluation of Choke Canyon/Lake Corpus Christi Reservoir System operation rules which attempt to balance the water needs of the competing regional interests; and the agencies and environmental groups who participated in the Technical Advisory Committee (TAC) provided the divergent views, technical expertise and spirited debate which forged a compromise where, in the beginning, most feared there could be none.

This project was performed under the direction of Mr. Con Mims, Executive Director of the Nueces River Authority, whose gentle hand, patience and professionalism provided the stability which carried the operation rule development process through difficult times. Messers Paul Werner and Jim Riley of the City of Corpus Christi provided technical guidance on the potential and limitations to operation of the Choke Canyon/Lake Corpus Christi Reservoir System.

Mr. Bruce Moulton, Chief of the TWC Water Quality Assessment Section, deftly handled the unenviable task of managing fourteen local, state and federal agencies and environmental groups representing widely divergent and competing views and interests. Mr. Moulton managed to maintain the focus and direction of the TAC's activities and meetings which resulted in a set of system operation rules acceptable to all parties.

Mr. Gordon Thorn served as the Texas Water Development Board Contract Administrator for this planning study. Due to the complex nature of the study problem and the involvement of numerous participants on the TAC, Mr. Thorn should be commended for his patience in allowing the project to evolve, and in his faith that the process would lead to a satisfactory product.

The following list of individuals participated in the TAC meetings and helped develop the operation rules evaluated in this report. Their input and support were invaluable.

Bruce Moulton and Toby Cisneros	Texas Water Commission
Gordon Thorn and Gary Powell	Texas Water Development Board
Tom Calnan	Texas General Land Office
Al Green and Cindy Loeffler	Texas Parks and Wildlife Department
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Fred Orr and Mike Martin	U.S. Bureau of Reclamation
William Jackson	U.S. National Marine Fisheries
Con Mims	Nueces River Authority
Paul Werner and Jim Riley	City of Corpus Christi
Tom Brown	South Texas Water Authority
Dr. Terry Whitledge	University of Texas Marine Science Institute
Dr. Jerry Wermund	University of Texas Bureau of Economic Geology
Dr. Wes Tunnel	Corpus Christi State University
Ray Allen	Coalition About Restoration of Estuaries

Special appreciation to Messers Steve Densmore, Lew Browder, and Gary Powell of the TWDB. Their knowledge and understanding of hydrology, water resources and bays and estuaries of the State of Texas never cease to amaze me.

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TABLE OF CONTENTS

TABLE OF CONTENTS

LIST OF TABLES

LIST OF TABLES

LIST OF TABLES

LIST OF TABLES

LIST OF TABLES

LIST OF FIGURES

LIST OF FIGURES

EXECUTIVE SUMMARY

BACKGROUND

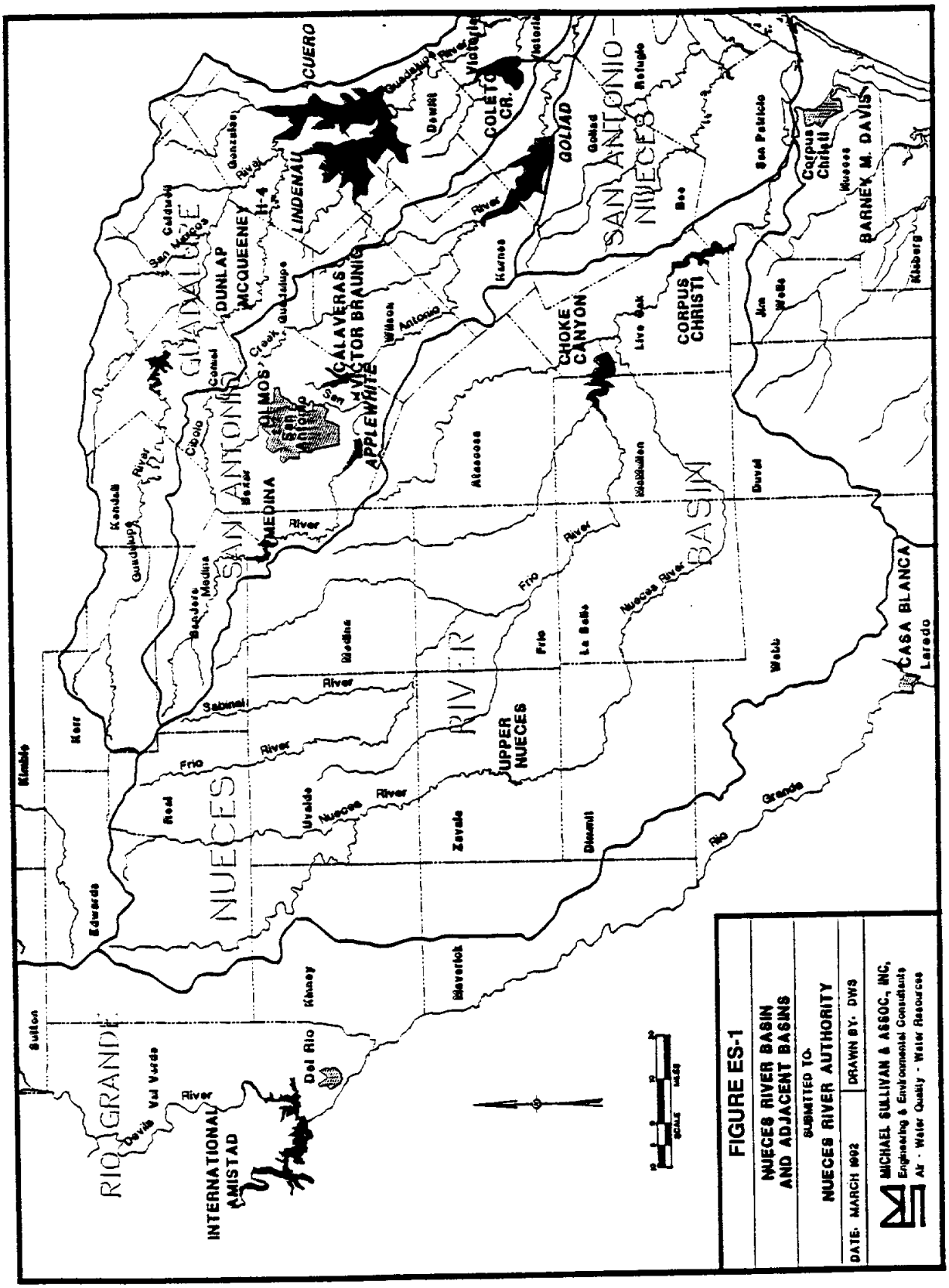
The Nueces River Basin serves as the principal water supply for the Corpus Christi area and portions of south Texas. In recent years this area has enjoyed relatively strong growth in both municipal and industrial (M&I) water users. To maintain adequate future supplies, the Nueces River Authority and the City of Corpus Christi have constructed two reservoirs, which effectively controls nearly all of the flow from the drainage area (Figure ES-1). Lake Corpus Christi (LCC) and Choke Canyon Reservoir (CCR) are currently operated as a system under provisions of the Nueces Basin Adjudication. Under those provisions, the LCC/CCR system must yield 151,000 ac-ft/yr to the "Nueces and Corpus Christi Bays and other receiving estuaries." Those flows can to be comprised of releases from storage, spills and return flows from M&I users.

In December 1989, the Coalition About Restoration of Estuaries (CARE) requested that the Texas Water Commission (TWC) to enforce the required releases in the water use permit. The TWC established a Technical Advisory Committee (TAC) to develop operating rules for the LCC/CCR system which would meet the bay and estuary (B&E) inflow requirements while maximizing M&I supplies. The TWC agreed to make any proposed operating rule "interim operating rules" (IORs) for the next five year; during which time an extensive field sampling program would be instituted to evaluate the efficacy of those rules.

PROPOSED INTERIM OPERATING RULES

The TAC attempted to develop monthly Nueces Bay freshwater inflow requirements based on salinities in Nueces Bay necessary to maintain the ecological health and integrity of the estuary system. Under normal hydrologic and mild drought conditions, the TAC recommended 97,000 ac-ft/yr be delivered to Nueces Bay. Again, those flows could consist of releases, spills or return flows. Under moderate drought conditions, the TAC allowed the inflow requirements to be cut in half, to 48,500 ac-ft/yr. This reduction was allowed in recognition of the natural variation in freshwater inflows to the B&E system. Under severe droughts, the fresh water inflow requirements were reduced to zero. A system of "spills banking" was developed to credit a portion of releases and uncontrolled spills, in excess of the current month B&E freshwater inflow requirement, to the subsequent month requirement.

Commensurate with the drought condition reductions to B&E inflow requirements, the TAC recommended voluntary and mandatory M&I water conservation measures. Under mild drought conditions, voluntary water conservation measures will be instituted, which will reduce demand approximately 2%. During moderate droughts, mandatory water conservation measures are expected to result in a 10% usage reduction for March through October; a 5% reduction is expected during the lower use months of


CUERO
COLETO CR.
GOLIAD
SAN ANTONIO-NUECES
BARNEY M. DAVIS
Corpus Christi
GUADALUPE
DUNLAP
MCQUEENEY
LINDENAU
CALAVERAS
VICTOR BRAUNIG
APPLEWHITE
OLMOS
CHOKE CANYON
CORPUS CHRISTI
MEDINA
NUECES
RIVER
BASIN
UPPER NUECES
CASA BLANCA
Laredo
RIO GRANDE
INTERNATIONAL AMISTAD
Del Rio
FIGURE ES-1
NUECES RIVER BASIN AND ADJACENT BASINS
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November through February. During severe droughts mandatory conservation rules would result in a 20% savings during March through October, and a 10% reduction from November through February.

Implementation triggers for the mandatory M&I water conservation measures and concomitant reductions to B&E freshwater inflow requirements were established based on percents of total system storage. In the future conservation and release reduction trigger percentages will increase because of increased M&I demand and sediment accumulation in both reservoirs.

INTERIM OPERATING RULES EVALUATION

Conditional probabilities were used as a tool to compare the operation of the LCC/CCR system under baseline conditions (full-capture operation), without the proposed IORs and with the proposed IORs. A LCC/CCR system-specific Conditional Probability Model (CPM) was developed to predict the probability of occurrence for a particular condition (in this case, any start-of-year percent of total storage capacity), and for that condition, a probability of failure (defined as the inability to satisfy both the M&I and B&E demands), designated B&E releases, LCC and CCR uncontrolled spills, LCC and CCR end-of-month contents, and Nueces Bay Inflows.

EVALUATION RESULTS

Current Conditions

Under current conditions, there is a very low probability of failure of the LCC/CCR system to deliver desired M&I demands and B&E requirements with or without the TAC's IORs. The large system storage capacity (926,787 ac-ft) easily supplies the current 130,000 ac-ft/yr M&I demand as well as satisfies most B&E requirements. Without the TAC rules, the chance of failure is less approximately 3.8%, or about three months out of the 56 year historical record. However, with the IORs, the chance of failure is reduced to 0.0001%, or essentially failures in 56 years.

Without the proposed IORs, the full 130,000 ac-ft/yr M&I requirement will always be satisfied, however; with the proposed rules, only 128,900 ac-ft/yr will be available in the severest drought year. The reduced amount reflects implementation of water conservation management practices by the City of Corpus Christi and other users.

The frequency and amount of spills over the dams at CCR and LCC are about the same with and without the proposed IORs. The magnitude of spills from LCC are slightly increased under the new IORs. This is because more water is held in reserve in LCC as a result of relaxed and frequently suspended releases for the bay and estuaries. This reduces the ability of LCC to capture moderate floods.

Releases for the bays and estuaries will be lower with the IORs. Releases under the current TWC adjudication order would be 75,315 ac-ft/yr. With the new IORs, releases are reduced to 54,873 ac-ft/yr. This is because of the drought condition reductions to B&E releases triggered by the IORs. Dedicated releases to the bays and estuaries are shown in ES-1.

Annual total inflows to Nueces Bay are, however, very similar for operations with and without the IORs. That is because, without the IORs, there are more dedicated releases; with the IORs, there are more spills.

The IORs keep the levels of both reservoirs higher. The reservoirs will be half full or less 16% of the time with the present rules, and 14% of the time with the new IORs. The reservoirs will be at 30% capacity 8% of the time with the present rules, and only 4% of the time with the new IORs.

Future Conditions

Municipal and industrial water demand will grow to 160,00 ac-ft/yr by 2010, and 197,000 ac-ft/yr by 2040. Sediment accumulations in the two reservoirs has been measured at higher than previously anticipated rates, which will reduce the capacity of CCR to 677,964 ac-ft/yr by 2040; LCC's capacity will be reduced to 174,673 ac-ft/yr by 2040.

In the future, the chances of not having enough water for all users increases. The chances of not having sufficient water to satisfy both the cities and the B&E demands are drastically reduced with the new IORs than under the present rules. The 2040 chances of a failure with the old operating rules would be approximately 2.6% or at least eighteen monthly failures during 56 years. With the IORs, the chances of failure will be only .03%, or less than one failure in 56 years. The chances of failure are shown in ES 2.

Both LCC and CCR will remain fuller with the use of the new IORs than without the rules. This is because the relaxed or suspended release requirements afforded by the IORs result in more water retained in storage, and the new operating rules allow more water to be captured in LCC. This results in more water remaining in the system. This will reduce the systems ability to capture flood flows. The magnitude of total annual uncontrolled spills is considerably higher with the IORs than without the rules.

Dedicated B&E releases are considerably less with the proposed IORs. There are two reasons for this. The first is that uncontrolled spills are considerably higher with the IORs, and the credit (spills banking)given for spills into the bay system carries some of that impact over into subsequent months. The second reason is that some return flows are redirected back to Nueces Bay; therefore, less water must be released from storage to satisfy the inflow requirements.

Because of increased population, water usage, and reduced capacity in the reservoirs, the basin will be in drought conditions for longer periods of time in the future. By 2040 ,without the IORs, the reservoirs will be at 30% capacity or less 71% of the time. With the new IORs in place, the reservoirs will be at 30% capacity half of the time.

CONCLUSIONS

The conclusion of this study is that the TAC IORs work. Those rules allow the following flexibility not found in the existing permit:

- Drought condition reductions or cessation of B & E releases based on progressive drought triggers,
- Mandatory water conservation and reduction of M & I demand based on progressive drought triggers,
- Crediting a portion of uncontrolled flood spills toward next month's inflow requirement, and
- Redirection of a portion of the City of Corpus Christi's wastewater effluent to upper Nueces Bay.

The efficacy of the proposed IORs is demonstrated by the following:

- The new dedicated B&E releases developed by the Technical Advisory Committee reduce the amount of required releases that are currently in the Texas Water Commission's special condition for the water use permit of CCR,
- The new IORs and associated water conservation program minimize the chances that the system will not have enough water for all users (minimizes the probability of failure),
- In order to have enough water for Corpus Christi in the year 2040 without permanent mandatory water conservation, Corpus Christi must develop new water sources,
- Total inflows to Nueces Bay are higher in future years with the IORs, and
- The retained storage in both LCC and CCR is higher with the proposed IORs.

1.0 INTRODUCTION

1.1 Authorization

In recent years, the City of Corpus Christi (COCC) and surrounding areas have experienced a steady growth in population and industry. At the same time, the region of south central Texas has experienced a relatively long and severe drought. As a result, the Choke Canyon Reservoir and Lake Corpus Christi System (CCR/LCC), which serves as the principal water supply source for the region, has been increasingly stressed, both from higher withdrawals and diminution of inflows.

The Nueces River Authority (NRA) has water resource planning and development authority within the Nueces Basin. With the COCC, which also supplies water to the Corpus Christi Port Authority, as the principal water user, resource development in the basin is driven by the needs of the City and local industry. Another active participant in the regional planning process is the South Texas Water Authority (STWA). These entities have consistently promoted efficient water use through conservation and have attempted to secure sufficient affordable future sources of water for the region. This study is jointly sponsored by the Texas Water Development Board (TWDB), NRA, City of Corpus Christi and STWA.

1.2 Need for Project

The Nueces River Basin is located in the semi-arid region of south central Texas (Figure 1-1). The Nueces Basin drains approximately 17,000 sq. mi. and discharges into Nueces Bay, thence the Nueces Estuary and ultimately the Gulf of Mexico. The Nueces River Basin is bounded by four other river basins (Colorado, Guadalupe, San Antonio, and Rio Grande) and two coastal basins (San Antonio-Nueces and Nueces-Rio Grande). The Nueces Estuary is hydraulically connected to the north with the Mission-Aransas Estuary and to the south with the Laguna Madre. The basin is drained by three major rivers (Nueces, Frio and Atascosa) and seven minor rivers and creeks (West Nueces River, Leona River, Dry Frio River, Sabinal River, Seco Creek, Hondo Creek, and San Miguel Creek). The system has two major reservoirs (Choke Canyon Reservoir and Lake Corpus Christi), which effectively control the flow of freshwater to Nueces Bay and form the water supply source for the cities of Corpus Christi, Mathis, Three Rivers, Beeville, and Gregory-Portland; the Port of Corpus Christi Authority; the South Texas Water Authority; and other regional users. Both reservoirs are located well down in the basin.

In recent years, the management of river basins, through development of reservoir operation plans, has evolved from the traditional approach of maximizing system Firm Annual Yield (FAY), to the broader concept of optimization of the resource (water) between competing uses, such as municipal and industrial (M&I) demands, in-stream flow requirements, and bay and estuary (B&E) needs. The TWDB has performed extensive studies to quantify the spatial and temporal distributions of freshwater necessary to

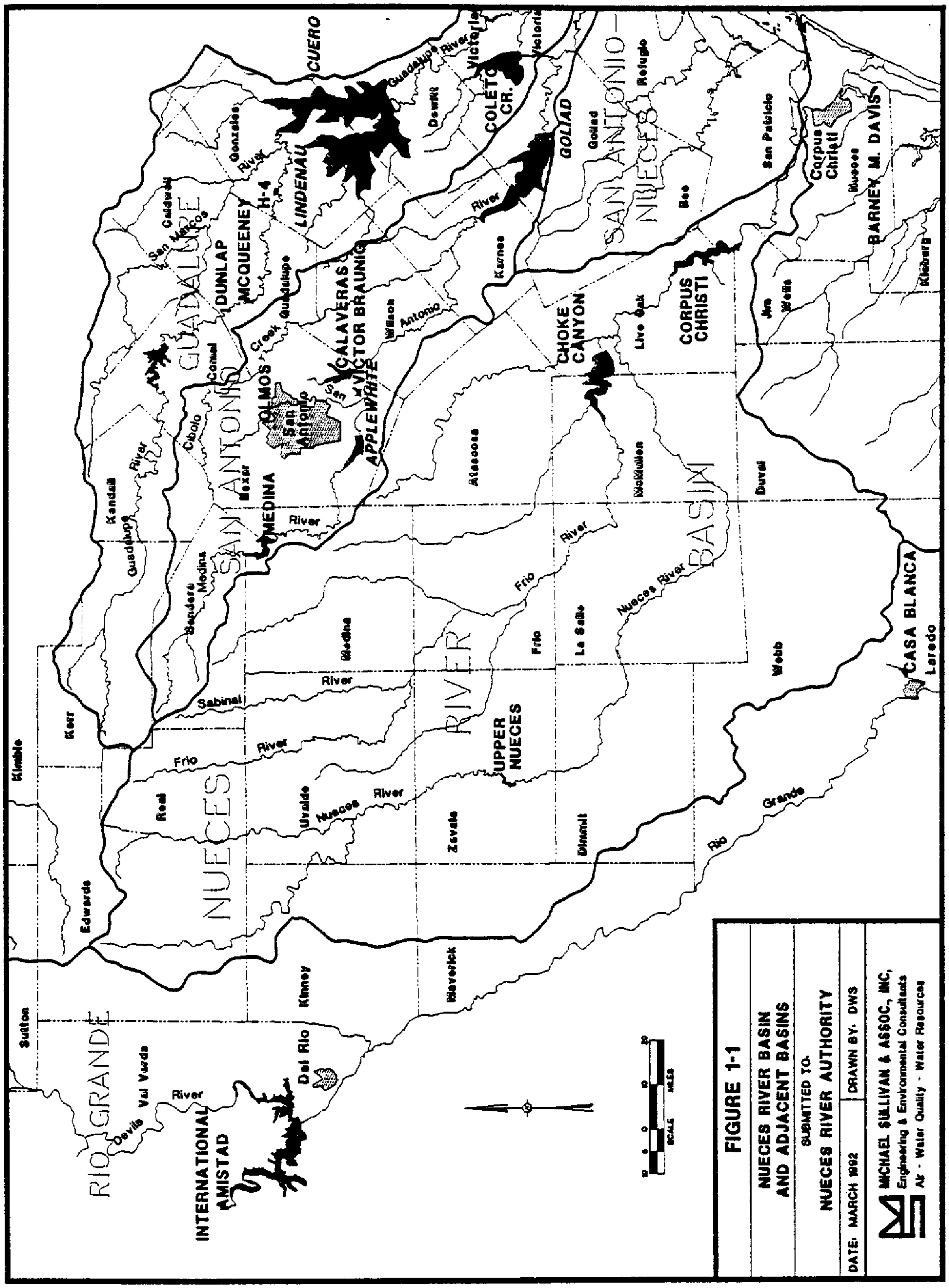

FIGURE 1-1
NUECES RIVER BASIN AND ADJACENT BASINS
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maintain the ecological health and integrity of Texas's bays and estuaries. Those studies are being continually refined through the collection of additional data and the application of new analytical techniques.

The NRA and the COCC are attempting to optimize the development and use of water in the Nueces Basin. They have sponsored numerous studies in recent years aimed at the regional management of waters in the basin. In addition, the COCC has sought new sources from outside the basin, to ensure adequate supplies through the first half of the next century.

1.2.1 Nueces River Basin Regional Water Supply Planning Study - Phase I

In 1989, the NRA, COCC, Edwards Underground Water District (EUWD), and STWA (Project Sponsors) were awarded a Regional Water Supply Planning Grant by the TWDB to study the regional supplies of the Nueces Basin. That study was to focus on the hydrology of the system, FAY of the CCR/LCC System, and Edwards Aquifer recharge potential of the upper basin. The Project Sponsors contracted with HDR Engineering, Inc. and Geraghty & Miller, Inc. to perform that study. That study was entitled Regional Water Supply Planning Study of the Nueces River Basin. It forms Phase I of a multi-phase study aimed at optimization of development and use of future water supplies in the Nueces Basin. The results and findings of the HDR/Geraghty & Miller study (hereafter referred to as the Phase I Study) were used extensively in this study (hereafter referred to as the Phase II Study) and are incorporated by reference.

1.2.2 Bay and Estuary Freshwater Inflows Issues

In December 1989, the Coalition About Restoration of Estuaries (CARE) requested the Texas Water Commission (TWC) to order releases from the CCR/LCC System for B&E purposes. A provision in the Nueces Basin Certificate of Adjudication (21-3214) specifies that scheduled releases from the CCR/LCC System summed with spills and return flows shall not be less than 151,000 ac-ft/yr to the "Nueces and Corpus Christi Bays and other receiving estuaries." As a result of the CARE request, the TWC solicited comments from interested state and federal agencies as well as from other civic groups. The Certificate of Adjudication further requires that water provided to the estuaries shall be released in such quantities and in accordance with such operational procedures as may be ordered by the Commission.

Lengthy discussions between interested and affected parties were conducted between December 1989 and May 1990, in an effort to establish CCR/LCC Interim Operation Rules (IORs) that would result in a reasonable spatial and temporal distribution of freshwater inflows to the Nueces Estuary. The monthly freshwater inflow goals, in ac-ft/mo, derived from those discussions are shown in Table 1-1.

Table 1-1
Monthly and Annual Nueces Estuary
Freshwater Inflow Goals Suggested by TWC

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Ann
5,889	5,587	10,268	27,180	28,237	13,892	4,681	8,154	20,687	16,761	4,379	5,285	151,000

While the above total inflow schedule does satisfy the requisite 151,000 ac-ft/yr and can be supplied through any combination of LCC releases, spills and return flows, this schedule was unacceptable to the NRA and COCC for three reasons:

1. The required LCC releases will reduce the FAY of the CCR/LCC System, which could result in dangerously low reserves for M&I uses;

2. There are no provisions for B&E release reductions in months following periods of unusually high natural B&E inflow; and

3. There are no B&E release reduction provisions for severe or prolonged drought periods when dedicated releases may be ineffective in ameliorating drought impacts on the B&E System.

1.2.3 Texas Water Commission Technical Advisory Committee (TAC)

As a result of the TWC recommended IORs, a Technical Advisory Committee (TAC), chaired by the TWC, was assembled to sort through the myriad of issues surrounding the spatial and temporal inflow requirements of Nueces Bay and the Nueces Estuary, the operation of the CCR/LCC system to maximize M&I supplies, and mechanisms to control LCC surface levels. The TAC was composed of participants from the following thirteen state and federal agencies, universities and citizen's groups:

- Texas Water Commission (TWC),
- Texas Water Development Board (TWDB),
- Texas General Land Office (GLO),
- Texas Parks and Wildlife Department (TP&WD),
- U.S. Fish and Wildlife Service (USFWS),
- U.S. Bureau of Reclamation (BuRec),
- U.S. National Marine Fisheries (NMF),
- Nueces River Authority (NRA),
- City of Corpus Christi (COCC),
- University of Texas Marine Science Institute (UTMSI),
- University of Texas Bureau of Economic Geology (BEG),
- Corpus Christi State University (CCSU), and
- Coalition About Restoration of Estuaries (CARE)

A principal charge to the TAC was to assist in development of the Phase II Study scope. The TAC was to develop future CCR/LCC System operational scenarios, which would theoretically implement and accomplish the collective goals of individual TAC member entities. Those operational scenarios were to be evaluated using a Conditional Probability Model (CPM), developed specifically for the CCR/LCC System, to ascertain which scenario(s) would:

1. Offer the lowest probability of system failure (with "failure" being defined for the purposes of this study as the inability to deliver the full annual M&I demand plus B&E inflow requirements);
2. Deliver the highest quantities of freshwater to Nueces Bay and the Nueces Estuary System; and
3. Maintain the highest practicable storage levels in the CCR/LCC System.

Monthly TAC meetings were held from June 1990 through September 1991. The TAC developed a single set of future operation rules, predicated on the original TWC IORs, to be evaluated against baseline (full-capture reservoir operation without B&E releases) and against the requirement that inflow be credited at Nueces Bay instead of the Nueces Estuary.

1.3 Study Goals

The primary goal of this study was to develop a management tool for the CCR/LCC System owners and operators based on conditional probabilities. The "conditions" are defined as percent of storage capacity, M&I demand and sediment accumulation. The probability is the probability of not having sufficient water to meet both the M&I demand and B&E inflow requirements. A secondary goal was the evaluation of the system operation under current and proposed operating rules with respect to probability of failure, LCC water levels and B&E inflows.

1.4 Study Scope

The TWDB approved study scope is a shown in Table 1-2.

Table 1-2
Conditional Probability Model Development for the Lake Corpus Christi, Choke Canyon Reservoir and Nueces Bay System - Project Scope

I. Hydrologic Data Analysis

- a. Analyze historical and normalized reservoir and B&E inflows
- b. Assess serial correlation of flow sequences

II. Develop Proposed Operational Constraints

- a. CCR/LCC System Release Constraints
  1. normal operation
  2. drought condition operation
- b. Develop real-time drought definition
  1. definition criteria
  2. application criteria

III. Set Up and Test System Operations Model (SOM)

- a. Model code acquisition and computer installation
- b. Input/Out file preparation
- c. Sample/test data development
- d. Benchmark testing of model simulations
- e. Development of segregated operational constraint subroutines

IV. Develop Conditional Probability Model (CPM)

- a. Reservoir system volumetric segmentation
- b. Input/Output data and file preparation
- c. Model writing
- d. Model set-up and testing
- e. Develop operational links and subroutines between the SOM and CPM
- f. Sample/test data development
- g. Benchmark testing of model simulations

V. CPM Model Application

- a. Testing proposed reservoir release constraints
- b. Testing proposed drought management constraints

VI. Development of System B&E and Drought Management Rules
VII Report Preparation
VIII. Technical Advisory Team Coordination

2.0 PHYSICAL AND HYDROLOGIC CHARACTERISTICS OF THE NUECES BASIN AND CCR/LCC SYSTEM

2.1 Description of Choke Canyon Reservoir and Lake Corpus Christi System

The CCR/LCC System controls over 98% of the runoff from the Nueces River Basin (Figure 2-1). Both impoundments are situated well down in the basin which affords efficient capture and development of water as a resource. The upper portion of the basin serves as recharge to the Edwards Aquifer which captures and diverts much of the potential runoff from the CCR/LCC System. Most streams within the basin experience relatively high channel loss rates. This is especially true between CCR and LCC, and between LCC and the Calallen diversion dam.

2.1.1 Lake Corpus Christi

Lake Corpus Christi (originally called Lake Mathis) was completed in April 1958 (Figure 2-2). It is the lower of the two reservoirs and independently (exclusive of CCR drainage area) controls 67% of the Nueces Basin through capture of natural runoff from the Nueces, West Nueces and Atascosa Rivers. All releases from CCR pass to LCC. Thus, LCC is the control point for all releases to the Nueces Bay and Nueces Estuary. The elevation-area and elevation-capacity curves start with a sharp rise and then become relatively flat, which is typical of a shallow impoundment with a well defined river channel (Figure 2-3). LCC is approximately 44 ft deep near the impoundment structure (Wesley Seale Dam) with a maximum surface area of approximately 19,000 acres at the top of the conservation pool (elevation 94.0 ft MSL). The FAY of LCC is 113,000 ac-ft/yr when operated in conjunction with CCR.

Between closure of the dam in 1958 and 1990, LCC has collected approximately 62,500 ac-ft of runoff sediments. This represents nearly a 21% reduction in available storage capacity of the reservoir and is far in excess of the original BuRec estimates of sedimentation rates. The Phase I Study estimates that by the year 2040, LCC will have only 57% of its original capacity for collection and impoundment of water. This reduced capacity will severely impact the FAY of the CCR/LCC System in later years. The revised elevation-area and elevation-capacity relationships are considerably different than the original estimates (Figure 2-4).

Municipal and industrial supplies for the Corpus Christi area are diverted from the Nueces river at Calallen Dam located near the upper end of the Nueces Delta. Between the lake and the Calallen Dam, the Nueces River loses, on average, seven percent of its flow. Therefore, adjustments must be continually made to LCC releases to account for these natural losses.

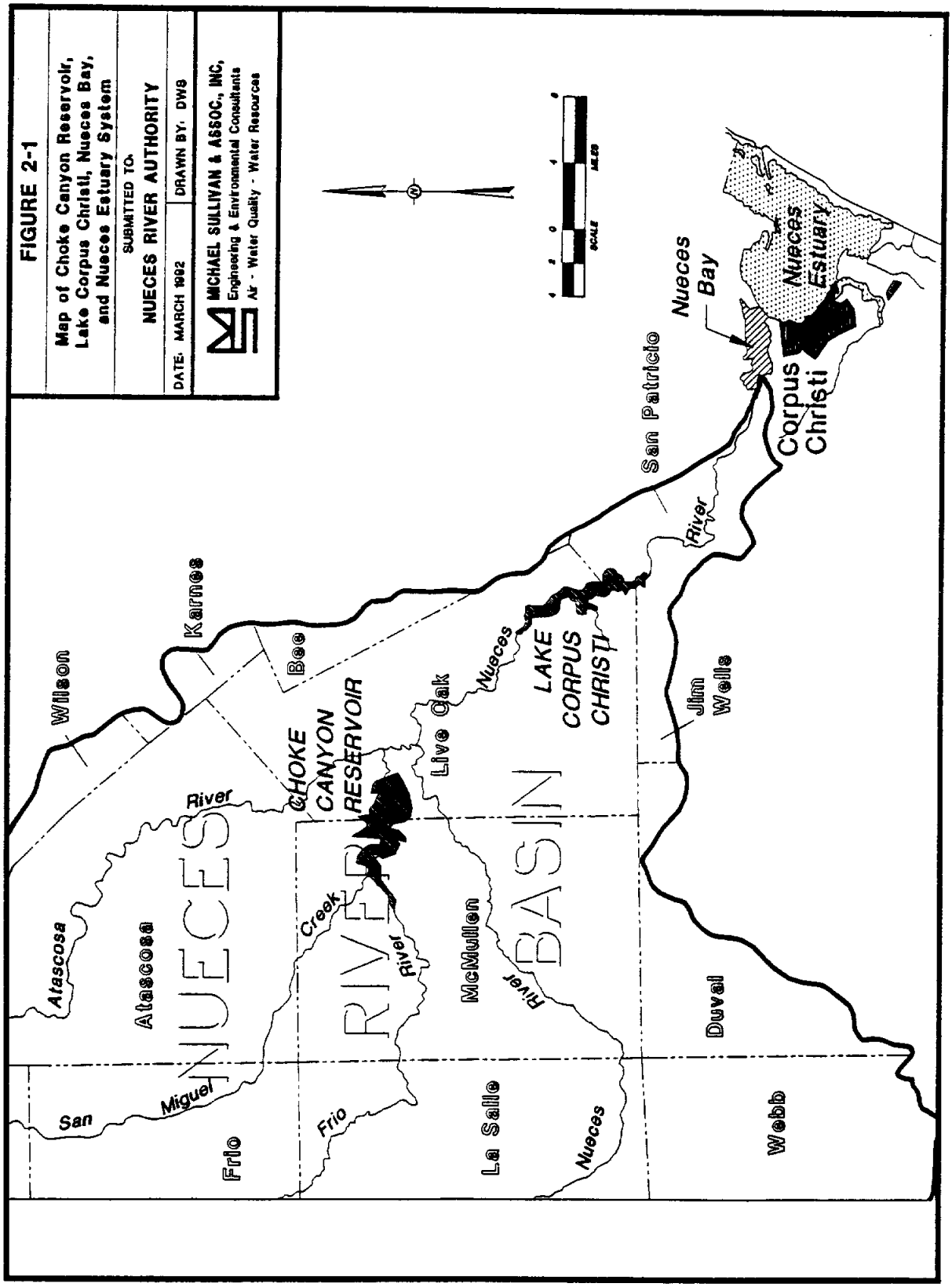
FIGURE 2-1
Map of Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and Nueces Estuary System
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SCALE
MILES
NUECES RIVER BASIN
Wilson
Karnes
Bee
Live Oak
Nueces
LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR
Atascosa
Frio
McMullen
La Salle
Duval
Jim Wells
San Patricio
Nueces Bay
Nueces Estuary
Corpus Christi
Webb
River
Creek

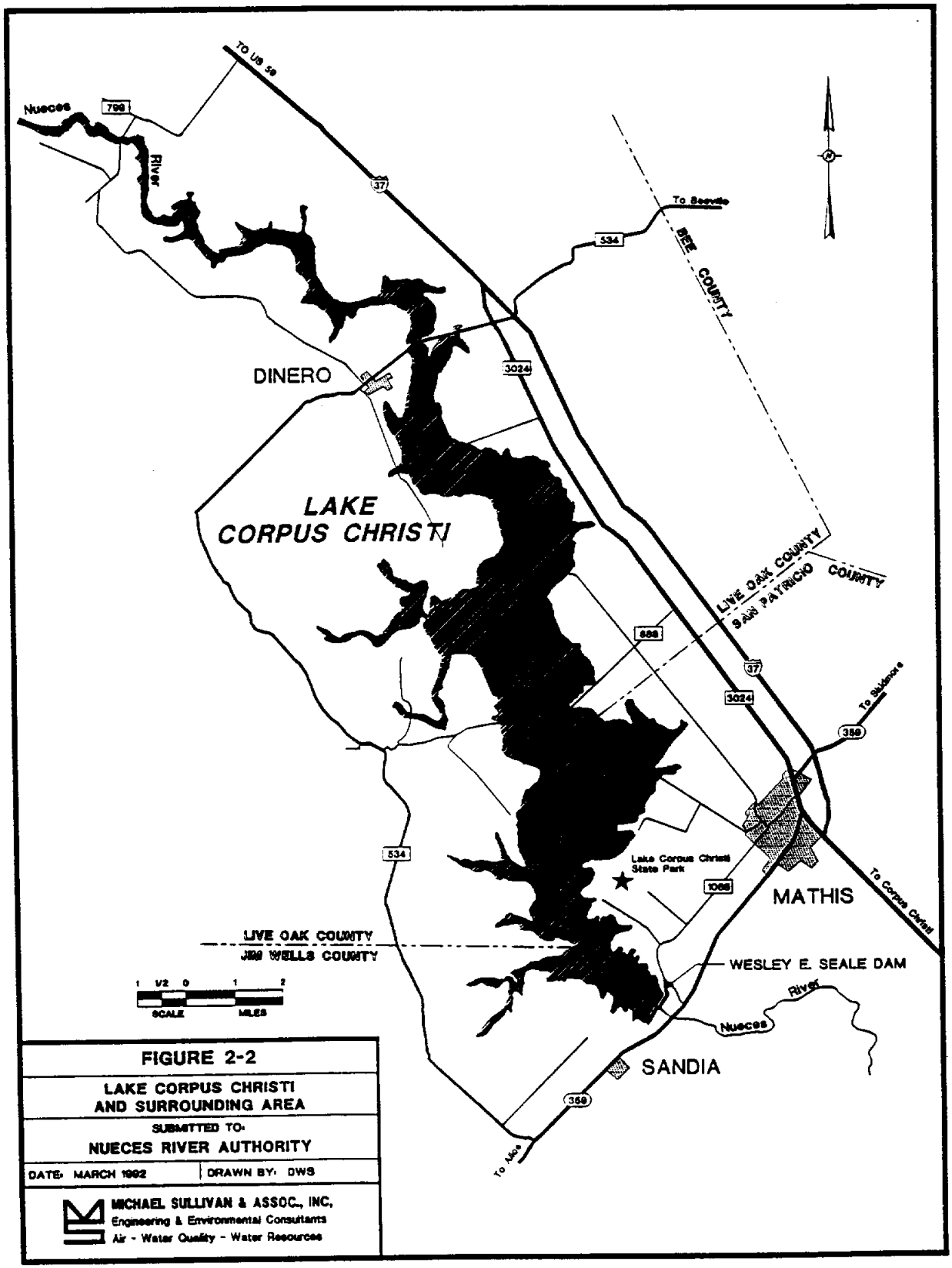

FIGURE 2-2

LAKE CORPUS CHRISTI AND SURROUNDING AREA

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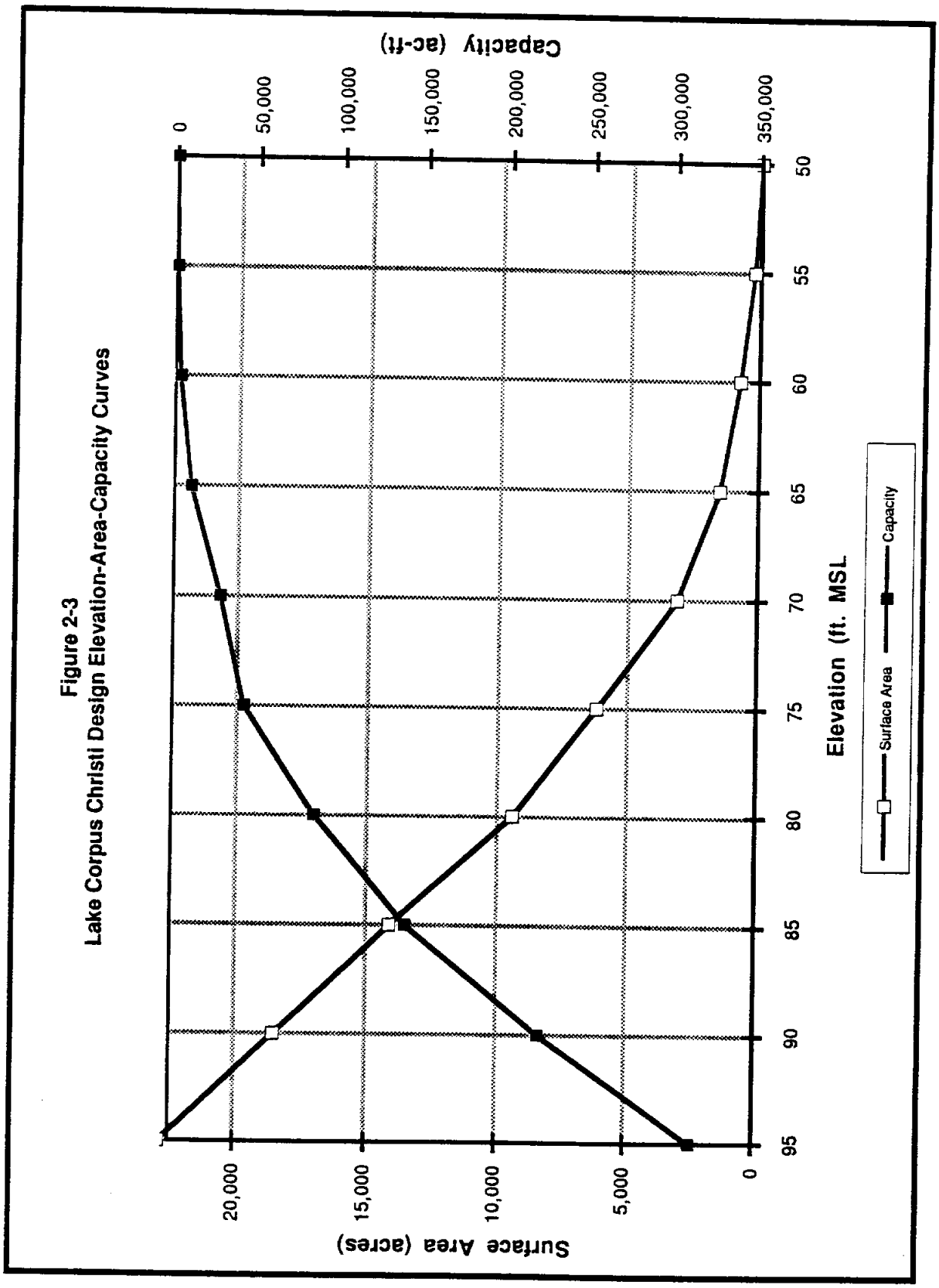


Figure 2-3
Lake Corpus Christi Design Elevation-Area-Capacity Curves

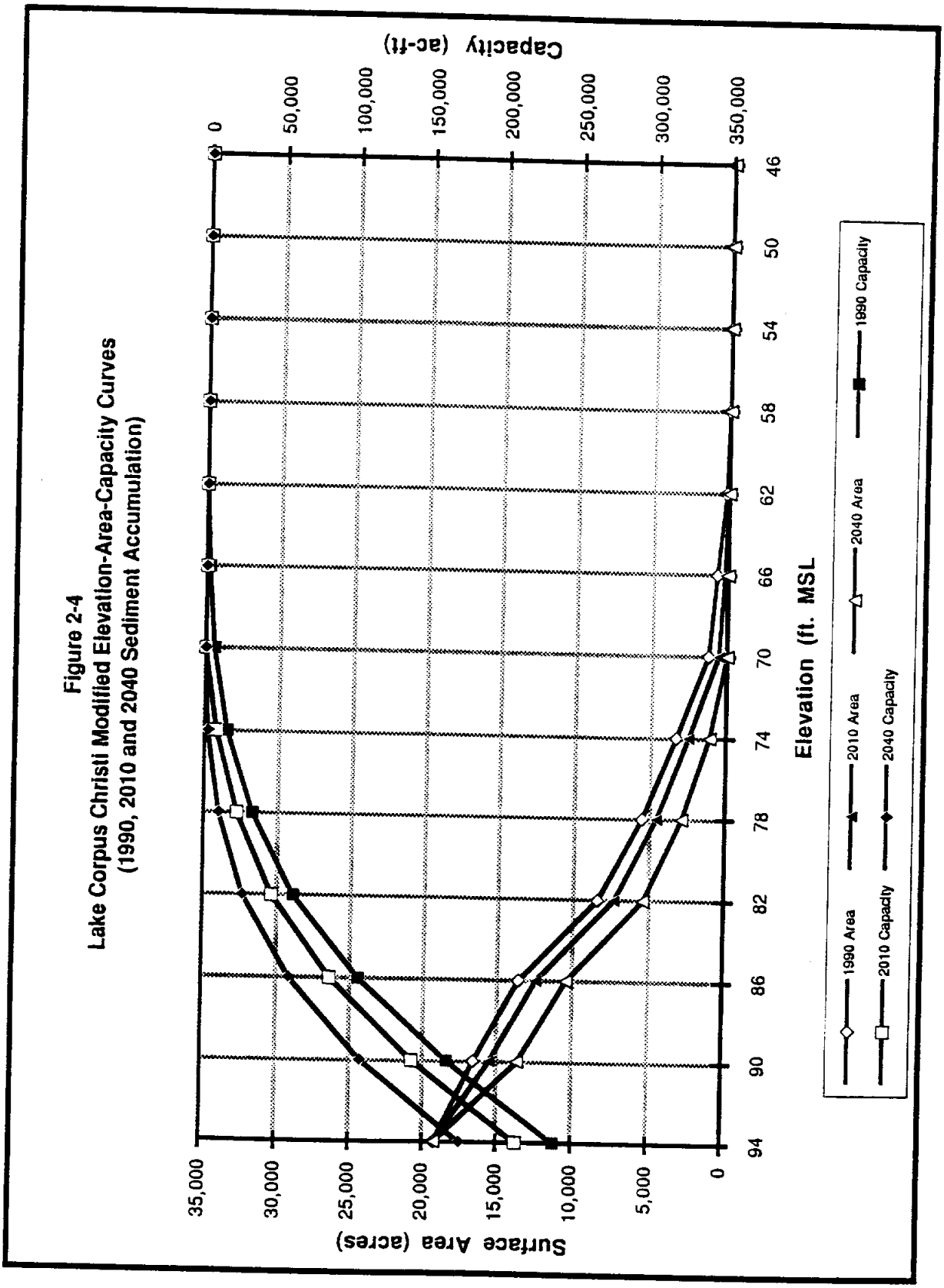


Figure 2-4
Lake Corpus Christi Modified Elevation-Area-Capacity Curves
(1990, 2010 and 2040 Sediment Accumulation)

2.1.2 Choke Canyon Reservoir

Choke Canyon Reservoir was completed in June 1983 and captures flows from the Frio, Dry Frio, and Sabinal Rivers and Seco, Hondo and San Miguel Creeks (Figure 2-5). While CCR captures runoff from only 33% of the Nueces Basin, the lake accounts for nearly 70% of the total basin storage.

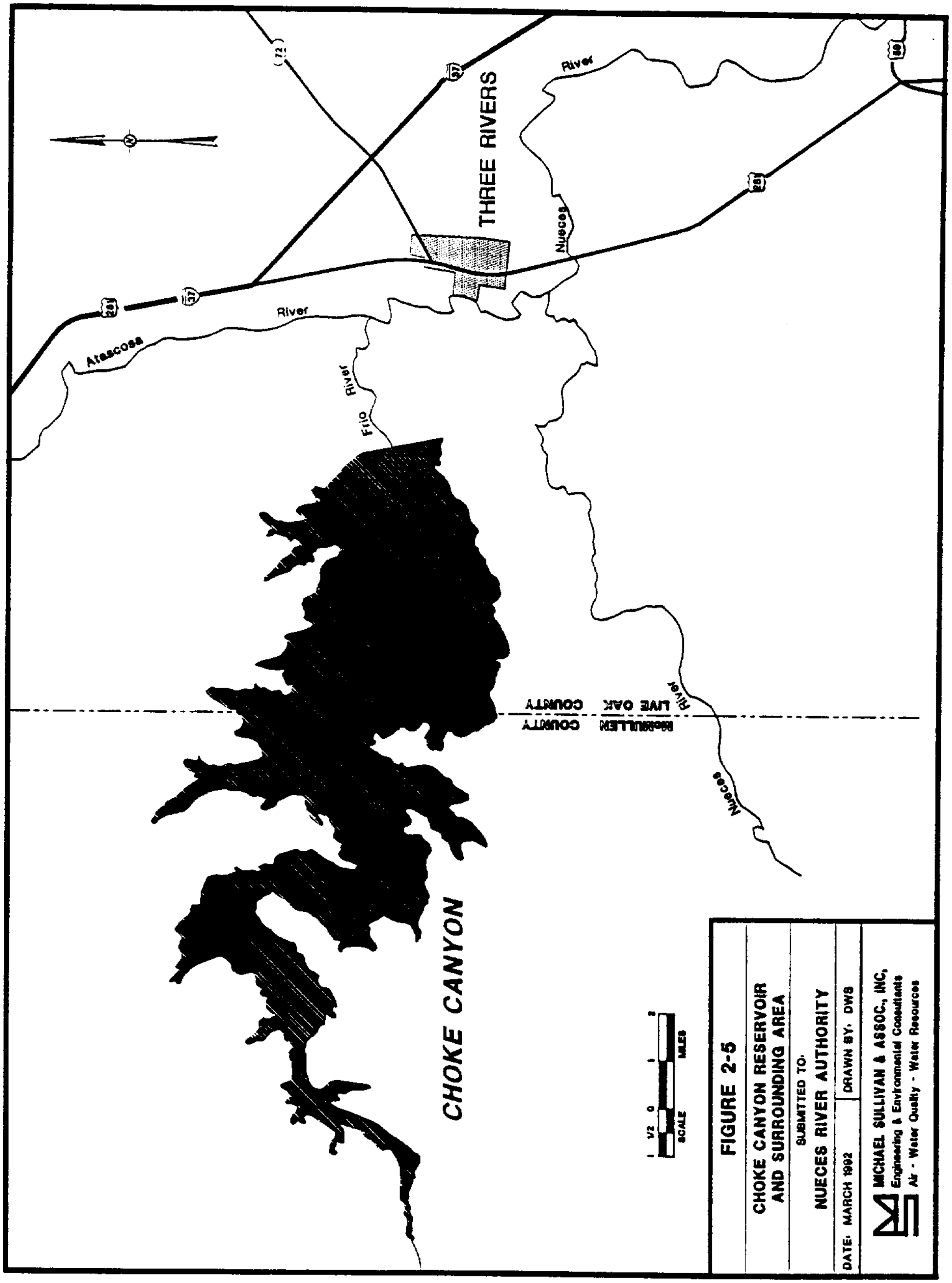
The elevation-area and elevation-capacity curves for CCR are relatively flat (Figure 2-6). The maximum reservoir depth is 93.5 ft, the capacity is roughly 689,000 ac-ft and the maximum surface area is 25,733 acres. With years 1990, 2010 and 2040 sediment accumulation, the elevation-capacity and elevation-area curves are not expected to be significantly altered (Figure 2-7). Thus the major future impacts of sediment accumulation will be in LCC.

2.2 Hydrologic Characteristics

The Phase I Study contained an extensive analysis of historical flow records from gaging stations throughout the Nueces Basin. That study also examined channel losses for each major river and stream segment, permitted water rights and historic water use patterns. For the purpose of the Phase II Study, the flow records for the portions of the watershed feeding CCR and the portions feeding LCC are important (Figure 2-8).

$$
\begin{aligned}
LQ = HQN2110 &- (0.95)(0.74)[HQN2070 - QIN2070] \\
&- (0.82)(0.74)[HQN1945 - QIN1945] \\
&- (0.90)(0.74)[HQN2080 - QIN2080] \\
&- (0.74)(WR2100) \\
&- WR2110 \\
&- (0.95)(0.74)(QIN2070)
\end{aligned}
$$

where,
- LQ = Naturalized inflow to Lake Corpus adjusted for water rights and channel losses,
- HQN2110 = Naturalized flow of the Nueces River near Mathis (Wesley Seale Dam),
- HQN2070 = Naturalized flow of the Frio River at Calliham (Choke Canyon Reservoir),
- QIN2070 = Flow of the Frio River at Calliham adjusted for upstream water rights,
- HQN1945 = Naturalized flow of the Nueces River near Tilden,
- QIN1945 = Flow of the Nueces River near Tilden adjusted for upstream water rights,
- HQN2080 = Naturaized flow of the Atascosa River at Whitsett,
- QIN2080 = Flow of the Atascosa River at Whitsett adjusted for upstream water rights,
- WR2100 = Water rights between Three Rivers (the concluence of the Nueces, Frio and Atascosa Rivers) and upsteam gages 1945, 1070 and 2080,
- WR2110 = Water rights between the Wesley Seale Dam and Three Rivers, and
- decimal fractions = Segment delivery factors.


THREE RIVERS
CHOKE CANYON
Nueces River
Frio River
Atascosa River
LIVE OAK COUNTY
McMULLEN COUNTY
SCALE
MILES
FIGURE 2-5
CHOKE CANYON RESERVOIR AND SURROUNDING AREA
SUBMITTED TO:
NUECES RIVER AUTHORITY
DATE: MARCH 1992
DRAWN BY: DWS
MICHAEL SULLIVAN & ASSOC., INC.
Engineering & Environmental Consultants
Air - Water Quality - Water Resources

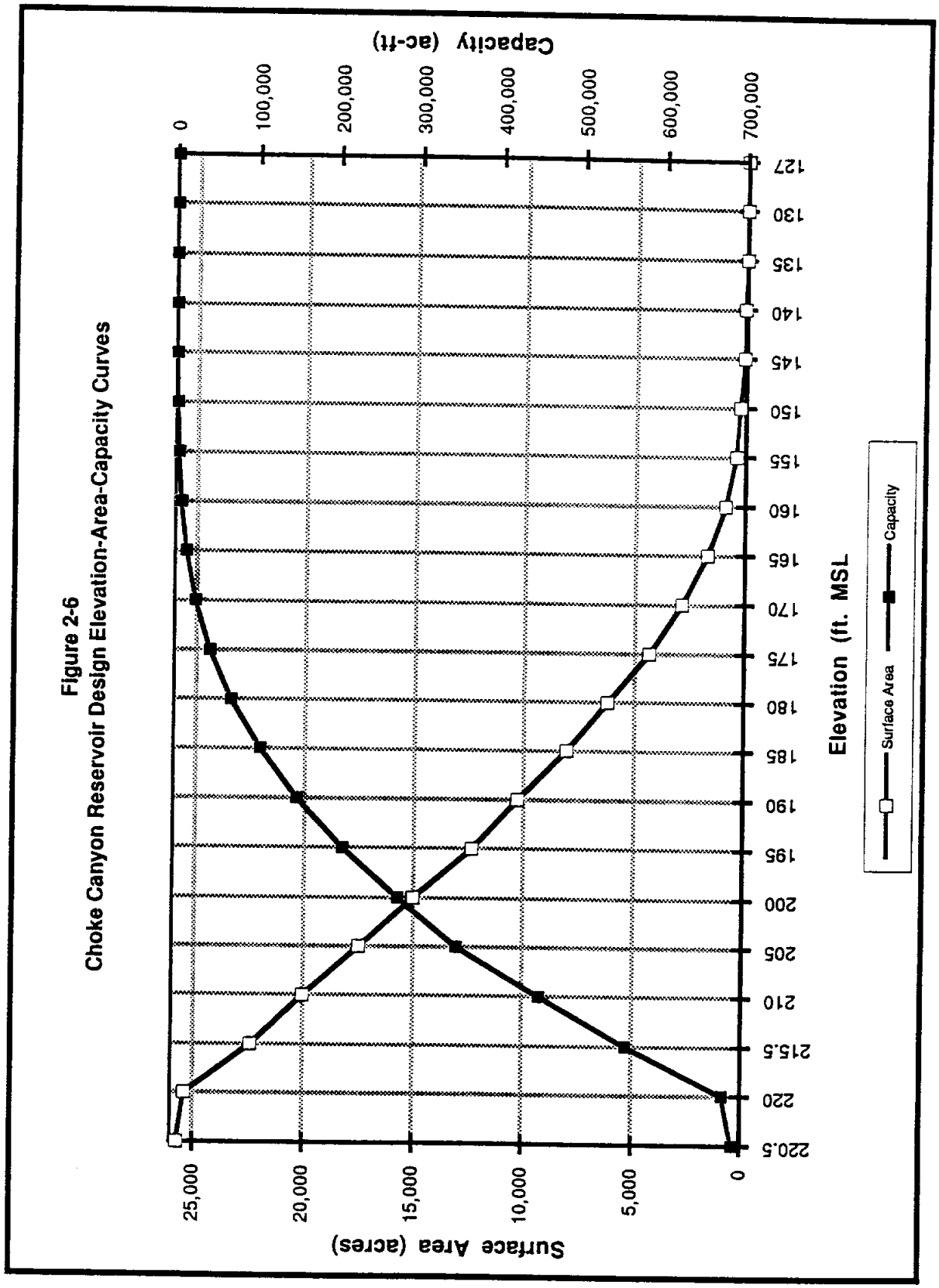


Figure 2-6
Choke Canyon Reservoir Design Elevation-Area-Capacity Curves

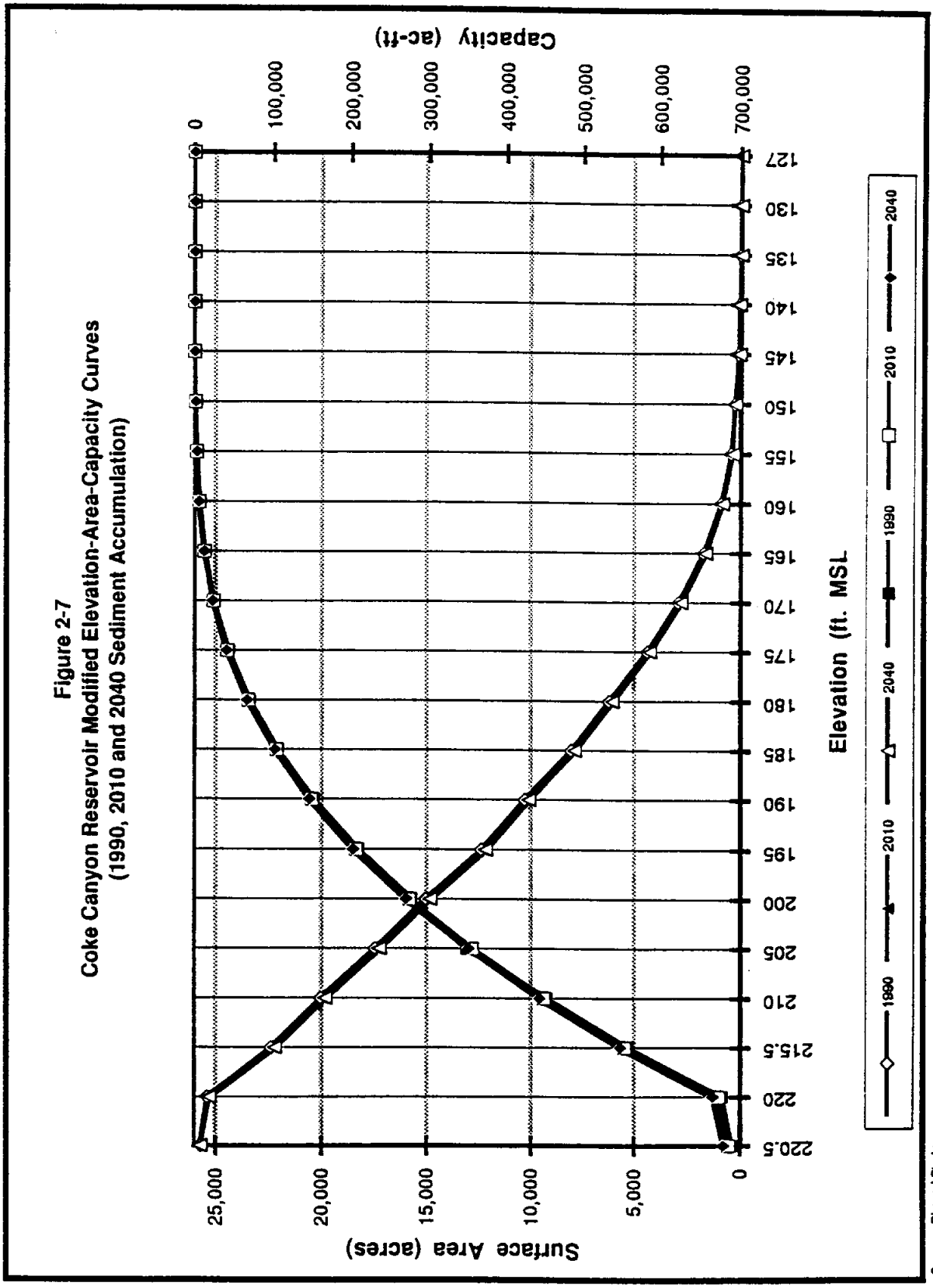


Figure 2-7
Coke Canyon Reservoir Modified Elevation-Area-Capacity Curves
(1990, 2010 and 2040 Sediment Accumulation)

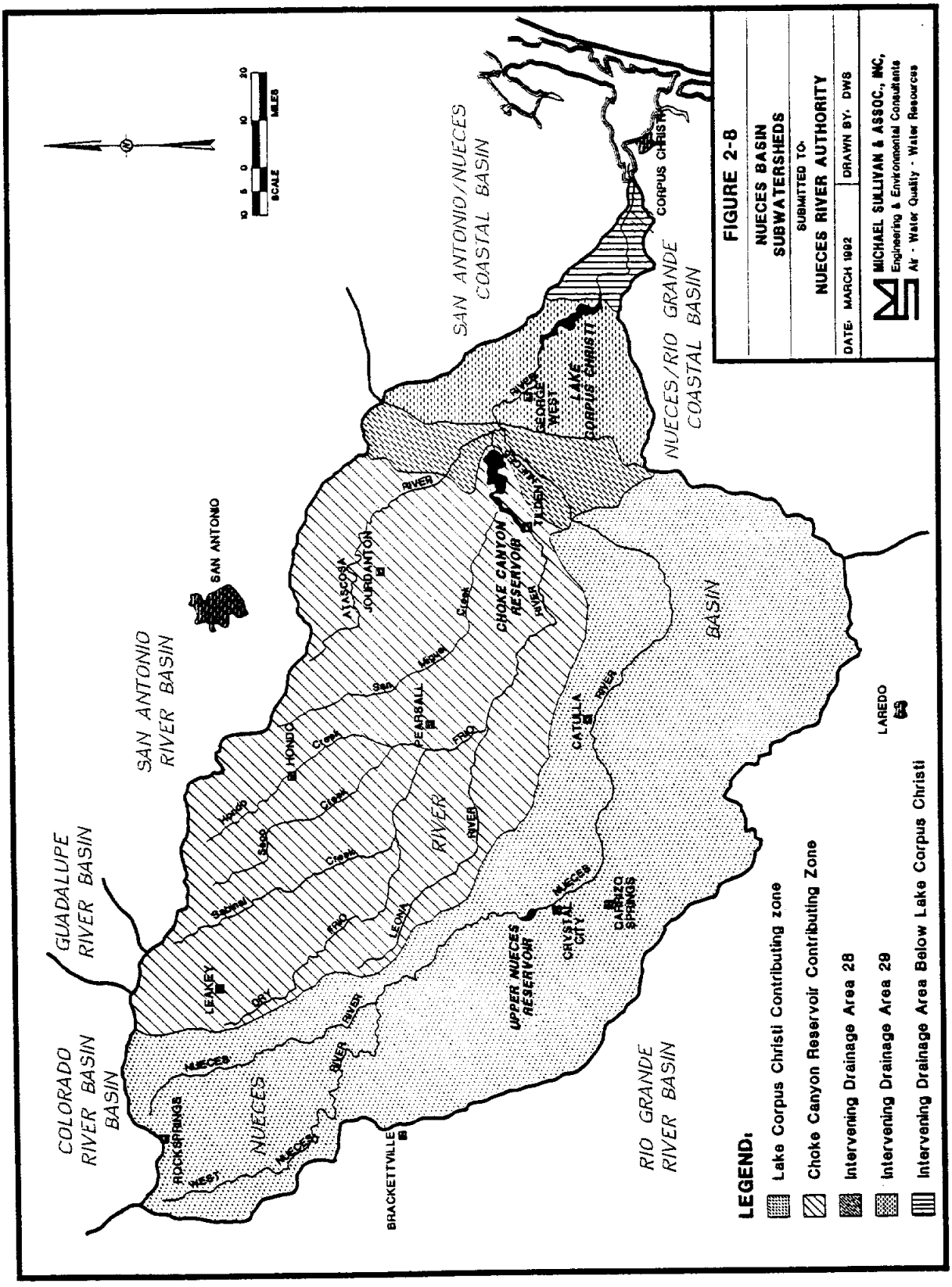


FIGURE 2-8
NUECES BASIN
SUBWATERSHEDS
SUBMITTED TO:
NUECES RIVER AUTHORITY
DATE: MARCH 1992
DRAWN BY: DWS
MICHAEL SULLIVAN & ASSOC., INC.
Engineering & Environmental Consultants
Air - Water Quality - Water Resources
SCALE
MILES
COLORADO RIVER BASIN
GUADALUPE RIVER BASIN
SAN ANTONIO RIVER BASIN
SAN ANTONIO/NUECES COASTAL BASIN
NUECES/RIO GRANDE COASTAL BASIN
RIO GRANDE RIVER BASIN
SAN ANTONIO
LEAKEY
HONDO
PEARSALL
JOURDANTON
ATASCOSA
CHOKE CANYON RESERVOIR
LAKE CORPUS CHRISTI
UPPER NUECES RESERVOIR
CRYSTAL CITY
CARRIZO SPRINGS
CATARINA
BRACKETTVILLE
ROCKSPRINGS
LAREDO
CORPUS CHRISTI
NUECES RIVER
FRIO RIVER
SAN MIGUEL CREEK
HONDO CREEK
SEGO CREEK
LEONA RIVER
ATASCOSA RIVER
MEDINA RIVER
LOSOYA
LEGEND:
Lake Corpus Christi Contributing zone
Choke Canyon Reservoir Contributing Zone
Intervening Drainage Area 28
Intervening Drainage Area 29
Intervening Drainage Area Below Lake Corpus Christi

The naturalized and water rights adjusted flow records of the primary CCR tributary (Frio River at Calliham), LCC tributaries (Nueces River near Tilden and Atascosa River at Whitsett) are shown in Tables 2-1 through 2-6; naturalized flows at Three Rivers and Mathis are shown in Tables 2-7 and 2-8.

2.3 Channel Losses and Water Uses

Channel losses in the Nueces Basin are notorious. Numerous studies have been performed to quantify the losses in the various reaches of the system. Estimation of channel losses was also a charge of the Phase I Study. The relevant channel losses from that study are shown in Table 2-9 and Figure 2-9.

Table 2-9
Channel Losses and Delivery Factors in the Lower Nueces Basin

Stream Segment	Sub-watershed Number	Channel Loss (%)	Delivery Factor (%)
Atascosa R. between Whitsett and Three Rivers	28	10	90
Frio R. between CCR Dam and Three Rivers	28	05	95
Nueces R. between Tilden and Three Rivers	28	18	82
Nueces R. between Three Rivers and LCC	29	26	74
Nueces R. between LCC Dam and Calallen	-	07	93

Source: Phase I Study

A summary of relevant water rights within the intervening sub-watersheds are shown in Table 2-10.

Table 2-10
Summary of Water Rights in Lower Nueces Basin
(Excluding City of Corpus Christi and other Calallen Diverters)

Water-shed	Use Type	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total (ac-ft)
28	MUN	6.82	6.57	7.37	8.12	7.67	9.01	10.75	10.96	9.17	8.07	7.93	7.57	1,300
28	IND	7.29	6.84	7.93	8.38	8.80	8.99	10.14	9.98	8.43	8.11	7.56	7.55	200
28	IRR	6.15	6.63	7.63	11.45	13.21	11.78	10.20	8.98	6.20	5.17	6.24	6.36	1,121
29	IRR	3.75	3.94	3.45	12.59	21.08	19.08	8.43	6.13	6.21	4.90	6.49	3.95	250

Source: Phase I Study

Table 2-1
Naturalized Frio River Flows at Calliham (ac-ft/mo)
Phase I Reference No. HQN2070 (USGS No. 08207000)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	12,900	5,100	1,830	16,700	1,380	1,540	17,200	1,840	1,530	7,690	23,990	6,570	98,270
1935	1,480	10,120	3,530	9,700	125,800	550,400	70,660	31,080	83,380	12,990	3,760	4,570	907,470
1936	3,930	2,740	2,860	4,030	17,320	23,690	140,500	2,900	26,130	51,920	8,190	5,590	289,800
1937	4,260	3,160	4,000	2,440	1,730	8,761	1,150	431	1,590	1,400	621	42,360	71,903
1938	49,007	2,106	2,672	28,552	10,340	1,124	855	334	467	35	405	4,723	100,620
1939	1,645	857	801	399	9,623	7,417	25,931	6,965	15,803	10,759	1,039	776	82,015
1940	1,026	2,116	958	29,069	16,017	68,691	49,251	19,095	841	3,899	9,955	13,298	214,216
1941	13,050	43,077	10,969	85,931	139,663	22,117	6,937	5,364	112,244	10,648	2,511	1,992	454,503
1942	1,483	1,700	1,247	6,012	11,047	919	176,840	10,993	105,234	28,863	2,312	1,558	348,208
1943	1,750	1,469	2,133	1,418	4,088	31,066	27,512	221	2,403	713	2,617	775	76,165
1944	1,281	737	3,853	1,357	72,307	14,112	1,892	9,295	19,733	9,700	723	1,857	136,847
1945	5,583	9,652	2,702	27,421	844	17,140	2,195	65	1,221	44,691	531	540	112,585
1946	746	497	2,305	16,433	18,526	14,584	87	44,175	106,918	119,223	2,263	1,308	327,065
1947	1,692	728	1,684	1,012	10,700	14,491	6,710	1,784	147	77	1,018	327	40,370
1948	124	355	150	61	61	1,671	27,191	46	58	14,490	174	165	44,546
1949	187	7,105	24,091	77,248	15,974	48,536	14,829	5,993	81	17,524	2,022	11,125	224,715
1950	237	115	78	515	11,810	9,492	460	7	7	9	8	6	22,744
1951	26	29	40	111	61,375	36,378	99	53	50,598	6,445	575	156	155,885
1952	130	6,962	1,855	7,187	13,826	4,690	70	37	80	30	58	35	34,960
1953	69	75	94	789	31,521	200	320	12,993	180,585	31,131	1,502	256	259,535
1954	197	129	104	6,442	7,555	20,007	1,247	105	153	1,258	662	74	37,933
1955	62	1,645	26	26	29,034	2,777	416	3,892	1,949	2,483	13	22	42,345
1956	36	56	5	5	3,913	1,260	3,440	18,183	17,063	11,966	138	97	56,162
1957	37	63	5,197	78,179	142,413	102,526	358	132	33,510	55,109	9,417	2,929	429,870
1958	101,303	112,303	23,835	3,653	15,262	51,549	16,203	296	53,951	43,943	41,893	8,621	472,812
1959	3,122	1,861	868	1,005	1,956	24,841	23,041	698	1,787	70,116	5,822	909	136,026
1960	992	1,185	860	4,283	1,086	8,492	2,473	24,097	1,871	26,819	17,551	7,071	96,780
1961	5,154	16,534	2,606	13,659	213	77,167	5,249	1,439	173	1,321	811	678	125,004
1962	1,194	832	622	757	1,319	6,902	141	12	55	13	22	51	11,920
1963	76	857	79	76	4,303	17,456	2,520	86	794	762	2,633	2,210	31,852
1964	91	72	1,359	148	601	3,442	476	3,619	1,261	8,007	9,047	171	28,294
1965	722	4,833	198	7,149	68,856	2,498	138	108	80	1,899	324	4,625	91,430
1966	230	2,614	288	17,088	18,869	9,765	1,064	11,552	21,549	645	120	54	83,838
1967	107	372	239	1,151	4,699	330	506	9,261	340,190	24,949	13,732	2,547	398,083
1968	95,805	10,435	9,312	7,061	111,838	8,084	17,794	817	3,592	293	154	738	265,923
1969	264	3,856	414	1,222	2,960	709	308	1,663	1,130	52,285	12,639	3,774	81,224
1970	2,023	1,135	6,829	1,000	36,836	29,669	1,600	2,267	7,908	3,804	698	655	94,424
1971	666	356	237	320	222	3,686	5,989	291,368	24,038	116,969	15,942	7,520	467,313
1972	4,940	3,808	2,326	1,674	21,029	2,859	881	4,232	24,092	2,861	1,437	1,854	71,993
1973	2,474	3,677	2,885	8,987	2,175	30,597	107,650	22,925	45,884	88,342	16,080	8,678	340,354
1974	7,577	5,486	14,861	3,556	11,175	4,177	1,246	32,005	71,475	8,719	7,930	6,866	175,073
1975	6,857	21,849	5,926	6,055	55,747	22,648	10,292	4,834	9,373	4,499	4,088	3,880	156,048
1976	4,069	2,450	2,262	21,046	61,081	7,008	66,451	18,637	9,608	40,963	32,925	22,018	288,518
1977	17,181	14,028	12,321	112,114	34,318	13,298	6,299	3,156	3,858	8,962	9,900	6,262	241,697
1978	6,111	4,677	3,578	2,857	2,720	61,796	2,432	54,606	22,876	2,202	2,939	2,927	169,721
1979	5,375	3,349	12,040	32,826	11,370	80,687	10,093	2,876	1,880	1,262	1,414	2,889	166,061
1980	3,390	1,793	932	776	97,539	9,132	378	36,663	17,752	9,620	1,119	1,013	180,107
1981	1,913	1,136	2,507	21,335	46,996	131,328	30,492	6,412	5,763	53,036	7,414	6,244	314,576
1982	6,385	5,705	5,509	4,891	14,349	5,613	3,355	2,098	2,127	12,969	1,012	1,625	65,638
1983	2,038	2,485	2,748	1,168	584	10,191	1,006	581	17,225	956	373	326	39,681
1984	20	70	115	253	373	455	408	259	174	59,969	20	30	62,146
1985	28,319	1,720	4,250	7,655	6,388	3,558	9,471	1,078	22,177	71,672	8,423	828	165,539
1986	1,658	241	120	186	2,208	40,702	1,906	1,556	11,129	64,696	3,033	31,603	159,038
1987	11,550	5,990	9,012	6,346	18,382	496,349	79,689	20,950	12,446	6,618	8,154	8,541	684,027
1988	8,620	8,062	6,464	3,917	6,959	9,042	24,230	5,603	1,043	2,680	247	262	77,129
1989	2,883	4,398	6,653	12,263	8,195	9,293	7,245	7,242	381	2,120	1,507	261	62,441
Minimum	20	29	5	5	61	200	70	7	7	9	8	6	11,920
Maximum	101,303	112,303	24,091	112,114	142,413	550,400	176,840	291,368	340,190	119,223	41,893	42,360	907,470
Median	1,721	2,111	2,284	3,974	11,111	9,629	2,938	3,028	4,811	8,841	1,765	1,740	130,515
Average	7,751	6,228	3,847	12,634	25,491	39,052	18,164	13,375	26,774	22,090	5,427	4,408	185,240
Std. Dev	19,322	15,969	5,248	23,093	36,301	98,022	35,222	39,701	55,521	29,576	8,266	7,596	174,109

Source: Nueces Basin Regional Water Supply Study - Phase I.

Table 2-2
Frio River Flows at Calliham (ac-ft/mo) Adjusted for Upstream Water Rights
Phase I Reference No. QIN2070 (USGS No. 08207000)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	12,609	4,803	1,467	16,227	865	1,183	16,866	1,553	1,344	7,420	23,635	6,166	94,138
1935	1,264	9,795	3,229	9,227	124,713	549,238	69,573	30,233	82,634	12,480	3,349	4,102	899,837
1936	3,472	2,342	2,240	3,434	16,544	22,817	139,880	2,539	25,384	51,271	7,547	5,108	282,578
1937	3,734	2,762	3,279	1,792	1,215	8,179	725	70	1,317	1,130	337	42,015	66,555
1938	48,364	1,687	2,043	27,871	9,357	622	430	0	194	0	121	4,458	95,147
1939	1,354	560	438	0	9,108	6,915	24,844	6,245	15,530	10,489	755	511	76,749
1940	735	1,819	595	28,596	14,953	67,988	48,402	18,758	632	3,712	9,671	13,033	208,894
1941	12,759	42,641	10,490	84,973	138,576	20,955	6,123	4,517	111,498	10,138	2,006	1,576	446,252
1942	1,126	1,403	884	5,209	10,165	417	176,276	10,632	104,488	28,353	1,946	1,280	342,179
1943	1,459	1,172	1,770	945	3,573	30,515	27,087	0	2,130	443	2,333	510	71,937
1944	990	440	3,183	866	71,463	13,089	1,564	8,715	19,295	9,430	483	1,592	131,110
1945	5,035	9,141	2,032	26,463	340	16,638	1,845	0	948	44,421	307	322	107,492
1946	560	298	2,074	15,960	18,011	14,147	0	43,717	106,530	118,500	2,060	1,108	322,965
1947	1,450	476	1,384	598	10,242	13,468	6,218	1,442	0	0	789	105	36,172
1948	0	135	0	0	0	1,169	26,585	0	0	14,220	0	0	42,109
1949	0	6,427	23,421	76,290	14,887	47,734	14,473	5,632	0	17,238	1,798	10,912	218,812
1950	49	0	0	171	11,295	9,116	45	0	0	0	0	0	20,676
1951	0	0	0	0	60,288	35,876	0	0	50,417	6,225	393	0	153,199
1952	0	6,769	1,633	6,853	13,278	4,251	0	0	0	0	0	0	32,784
1953	0	0	0	446	31,122	0	5	12,604	180,066	30,721	1,255	67	256,286
1954	14	0	0	6,098	6,606	19,590	932	0	0	1,103	477	0	34,820
1955	0	1,446	0	0	28,501	2,412	97	3,584	1,509	2,320	0	0	39,869
1956	0	0	0	0	3,515	907	2,952	17,679	16,880	11,668	0	0	53,601
1957	0	0	4,752	77,221	141,326	101,300	35	0	32,902	54,599	8,838	2,601	423,574
1958	23,248	3,004	14,420	50,387	15,630	20	53,205	43,294	41,388	8,202			252,698
1959	2,750	1,409	590	415	1,411	23,818	22,218	374	1,472	69,467	5,459	615	129,998
1960	712	933	556	3,919	697	8,139	2,007	23,250	1,645	26,393	17,115	6,656	92,022
1961	4,864	16,221	2,221	13,295	0	76,005	4,774	1,034	0	897	514	400	120,225
1962	889	517	242	273	814	6,471	0	0	0	0	0	0	9,206
1963	0	639	0	0	3,745	17,037	2,159	0	584	591	2,435	2,012	29,202
1964	0	0	965	0	145	2,673	105	3,302	681	7,568	8,739	0	24,178
1965	508	4,438	0	6,634	68,285	2,048	0	0	0	1,400	111	4,202	87,626
1966	0	2,307	16	16,583	18,314	9,218	694	10,761	20,929	469	0	0	79,291
1967	0	146	0	626	4,246	0	11	8,928	339,587	24,578	13,260	2,223	393,605
1968	95,143	9,962	8,635	6,405	110,820	7,493	17,116	391	3,276	128	0	542	259,911
1969	77	3,657	171	868	2,122	142	0	1,233	916	51,775	12,341	3,358	76,660
1970	1,710	811	6,292	486	36,107	29,094	1,107	1,899	7,595	3,504	396	372	89,373
1971	349	33	0	0	0	3,185	5,500	290,383	23,578	116,320	15,576	7,241	462,165
1972	4,631	3,483	1,924	1,135	20,067	2,096	386	3,247	23,639	2,430	1,137	1,565	65,740
1973	2,164	3,352	2,467	8,327	1,626	29,452	106,563	22,079	45,440	87,828	15,714	8,399	333,411
1974	7,266	5,165	14,442	3,030	10,227	3,596	722	31,134	71,154	8,348	7,564	6,587	169,235
1975	6,410	21,313	5,529	5,538	55,024	21,938	9,641	4,389	8,953	4,208	3,788	3,601	150,332
1976	3,760	2,127	1,834	20,234	59,994	6,324	65,453	17,934	9,256	40,525	32,483	21,599	281,523
1977	16,730	13,571	11,776	111,433	33,294	12,575	5,795	2,698	3,541	8,591	9,593	5,980	235,577
1978	5,806	4,363	3,175	2,327	2,174	61,248	1,979	53,621	22,565	1,915	2,640	2,510	164,323
1979	5,066	3,035	11,232	31,868	10,600	79,525	9,577	2,451	1,561	962	1,113	2,612	159,602
1980	3,083	1,479	538	246	96,850	8,591	9	36,246	17,144	9,251	820	735	174,992
1981	1,607	822	1,980	20,377	45,909	130,166	29,639	5,895	5,402	52,596	7,109	5,966	307,468
1982	6,079	5,391	5,040	4,327	13,401	4,917	2,858	1,687	1,809	12,674	705	1,341	60,229
1983	1,733	2,170	2,359	670	0	9,527	321	39	16,923	659	73	49	34,523
1984	0	0	0	0	0	0	19	0	0	59,683	0	0	59,702
1985	27,754	1,210	3,654	6,998	5,492	2,759	8,911	687	21,947	71,023	8,123	551	159,109
1986	1,274	0	0	0	1,410	39,629	1,416	1,204	10,707	64,227	2,730	31,026	153,623
1987	11,204	5,537	8,485	5,701	17,295	495,187	78,727	20,346	11,981	6,306	7,847	8,261	676,877
1988	8,310	7,609	6,073	3,392	6,383	8,164	23,420	5,157	724	2,390	0	0	71,622
1989	2,678	4,085	6,267	11,752	7,638	8,904	6,907	6,922	154	1,903	1,288	74	58,472
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	9,206
Maximum	95,143	42,641	23,421	111,433	141,326	549,238	176,276	290,383	339,587	118,500	32,483	42,015	899,837
Median	1,455	1,753	1,879	3,677	10,235	9,010	2,509	2,973	4,472	8,275	1,288	1,341	125,112
Average	6,084	3,980	3,318	12,973	24,814	37,473	18,325	13,723	26,219	21,120	4,487	4,072	176,433
Std. Dev	14,633	6,775	4,627	23,480	36,154	98,004	35,411	39,748	55,344	29,357	6,604	7,586	169,040

Source: Nueces Basin Regional Water Supply Study - Phase I

Table 2-3
Naturalized Nueces River Flows near Tilden (ac-ft/mo)
Phase I Reference No. HQN1945 (USGS No. 08194500)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	42,905	10,257	891	10,529	7,487	6,087	13,158	29,811	10,081	11,594	68,140	2,951	213,891
1935	5,914	5,864	6,813	46,686	59,698	763,190	65,503	115,434	129,609	46,214	4,515	2,792	1,251,232
1936	4,037	1,064	17,449	4,571	6,702	7,831	164,275	880	108,524	137,981	21,306	13,967	488,587
1937	8,242	4,524	3,696	2,295	2,312	11,033	1,215	16,780	5,442	21	555	1,330	57,445
1938	115,830	6,260	2,792	55,353	34,920	3,146	1,539	47,911	4,507	1,464	3,719	3,325	280,766
1939	1,582	1,239	1,410	1,391	108,141	46,601	19,613	11,189	16,775	27,441	1,843	1,315	238,540
1940	1,195	1,507	17,402	86,687	45,394	133,781	221,502	31,333	17,657	5,239	572	464	562,733
1941	103	32,058	986	189	267,069	83,698	65,743	149	13,759	390	2,393	1,041	467,578
1942	1,768	952	1,703	2,997	13,053	9,508	164,229	786	199,516	20,206	6,461	677	421,856
1943	785	733	1,233	997	1,280	71,823	9,433	724	16,531	10,308	3,446	2,473	119,766
1944	909	843	3,552	1,541	72,104	132,204	1,893	8,754	384,053	4,417	861	911	612,042
1945	926	1,994	16,185	83,022	28,316	2,818	3,724	799	2,766	210,323	1,177	662	352,711
1946	965	890	1,456	25,242	95,153	77,838	3,535	2,134	67,723	344,092	1,181	736	620,945
1947	871	707	922	5,200	142,781	14,697	40,463	12,114	1,239	936	5,710	851	226,491
1948	640	642	1,159	903	3,591	1,067	52,029	641	9,668	14,638	2,383	613	87,974
1949	557	1,402	130,099	121,413	81,102	53,722	11,987	27,873	2,323	11,351	3,446	5,022	450,297
1950	679	1,536	822	2,825	47,975	90,754	4,554	607	16,275	15,872	532	428	182,859
1951	129	136	1,113	272	15,420	63,736	482	169	34,400	6,863	546	119	123,385
1952	1,523	1,659	2,064	2,032	15,948	66,624	4,139	1,425	1,295	1,621	1,391	1,101	100,822
1953	298	316	377	12,832	16,375	454	376	13,843	151,955	48,166	15,220	246	260,458
1954	347	598	432	1,764	8,308	105,739	80,552	1,264	1,895	9,319	6,222	257	216,697
1955	198	202	231	286	13,137	11,454	5,780	1,225	20,420	42,461	372	158	95,924
1956	284	292	359	730	3,288	459	10,195	13,406	3,295	6,175	637	264	39,384
1957	242	289	2,279	95,738	253,734	223,062	307	283	47,817	27,509	15,292	1,371	667,923
1958	118,396	266,980	26,990	943	10,122	15,900	101,131	969	34,306	153,382	106,492	14,234	849,845
1959	10,756	4,567	2,379	547	6,386	4,459	35,239	8,287	10,565	259,343	10,099	5,056	357,683
1960	5,974	4,468	3,586	1,893	2,489	15,429	11,289	24,756	9,602	27,778	32,984	24,514	164,762
1961	18,586	13,906	6,773	4,846	1,276	18,134	12,938	29,080	2,612	1,361	1,080	1,506	112,098
1962	639	230	407	728	339	7,979	421	144	1,616	365	2,002	189	15,059
1963	648	1,557	598	2,455	10,528	94,088	1,758	484	1,787	606	1,872	592	116,973
1964	1,392	1,242	2,396	2,071	5,534	2,828	1,679	13,750	230,671	224,323	2,723	1,108	489,717
1965	1,771	2,306	1,877	1,879	134,178	16,977	13,598	1,728	3,984	4,398	2,281	2,355	187,332
1966	2,079	2,397	2,411	24,840	178,110	28,047	2,715	10,950	27,933	3,076	1,993	1,568	286,119
1967	2,170	2,047	2,782	11,114	4,932	3,168	2,614	28,034	605,775	64,142	5,393	2,439	734,610
1968	14,943	10,982	6,655	6,820	61,342	5,687	1,602	1,125	7,873	12,043	969	691	130,732
1969	353	329	627	1,066	5,998	4,783	1,519	2,007	4,691	74,709	70,412	31,599	198,093
1970	10,202	4,765	5,859	3,307	19,994	51,662	1,337	13,502	3,114	24,907	1,005	729	140,383
1971	900	907	2,735	3,072	3,228	11,994	387,535	443,042	394,578	692,124	40,543	18,450	1,999,108
1972	10,577	6,927	6,423	1,741	85,734	9,272	1,085	20,131	15,757	6,300	1,127	571	165,645
1973	1,161	4,432	3,163	1,583	1,375	6,437	9,948	4,897	43,451	337,832	42,547	14,380	471,206
1974	7,640	5,124	28,958	3,195	12,985	2,367	996	70,016	39,873	3,138	17,135	6,242	197,669
1975	6,204	5,151	3,230	4,629	27,419	112,716	84,920	14,439	11,281	7,262	10,252	1,291	288,794
1976	1,842	1,563	1,899	5,414	7,359	4,606	97,821	55,942	71,362	87,683	209,898	79,254	624,643
1977	28,361	18,740	14,683	25,583	53,435	23,193	5,917	2,157	1,410	3,805	1,697	2,603	181,584
1978	2,241	2,168	2,330	2,557	9,647	28,597	2,136	6,302	16,763	2,433	1,365	1,092	77,631
1979	1,482	1,368	1,500	21,390	10,205	137,147	3,888	1,181	1,117	1,247	1,199	928	182,652
1980	1,019	1,060	1,228	1,184	32,784	31,846	1,471	99,578	3,900	1,055	782	545	176,452
1981	1,709	1,651	4,183	10,345	136,837	310,561	76,281	7,293	56,606	71,841	28,008	9,151	714,466
1982	6,723	4,311	7,577	3,974	95,642	8,647	2,417	1,689	2,937	14,344	1,422	987	150,670
1983	1,010	1,062	1,472	1,575	1,186	2,669	1,540	1,182	5,796	6,250	4,593	1,001	29,336
1984	1,956	664	953	973	1,007	938	726	498	477	55,987	10,753	621	75,554
1985	39,309	5,314	21,183	31,914	107,722	43,964	45,466	1,471	6,296	92,741	84,667	8,113	488,160
1986	1,421	1,387	1,587	1,447	1,426	53,790	1,471	1,111	3,325	48,766	17,926	21,247	154,904
1987	16,355	9,306	10,042	6,791	19,940	323,432	66,011	15,731	31,322	16,731	10,168	8,623	534,452
1988	8,075	5,126	3,956	2,670	2,823	2,162	5,092	2,017	4,299	2,836	6,771	993	46,820
1989	626	647	1,009	893	2,805	1,522	861	1,401	654	2,749	1,789	489	15,445
Minimum	103	136	231	189	339	454	307	144	477	21	372	119	15,059
Maximum	118,396	266,980	130,099	121,413	267,069	763,190	387,535	443,042	605,775	692,124	209,898	79,254	1,999,108
Median	1,553	1,560	2,355	2,748	13,095	15,665	4,823	3,527	10,323	11,819	3,085	1,105	205,992
Average	9,240	8,369	7,069	13,552	42,823	60,113	34,458	21,865	52,201	59,110	16,069	5,468	330,338
Std. Dev	22,735	35,586	17,973	26,114	60,869	118,386	67,198	61,873	111,855	118,200	34,463	12,057	336,049

Source: Nueces Basin Water Supply Study - Phase I

Table 2-4
Nueces River Flows near Tilden (ac-ft/mo) Adjusted for Upstream Water Rights
Phase I Reference No. QIN1945 (USGS No. 08194500)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	25,760	5,739	279	4,809	2,961	1,941	7,565	17,605	5,098	5,922	40,259	882	118,820
1935	2,910	3,331	3,012	26,762	34,556	461,206	38,148	68,744	77,567	26,825	1,641	785	745,487
1936	1,581	29	10,030	2,150	2,402	3,729	98,083	59	64,773	82,509	11,830	7,566	284,741
1937	3,820	1,856	1,347	689	934	4,802	387	9,884	3,096	0	130	546	27,491
1938	69,105	2,663	481	31,948	19,521	791	0	27,776	2,164	245	1,647	1,430	157,771
1939	337	147	75	0	63,969	26,466	10,302	5,489	9,610	15,433	337	263	132,428
1940	181	362	9,476	50,963	25,876	79,294	132,839	18,384	9,637	2,642	0	0	329,654
1941	0	18,319	266	0	160,389	49,976	39,460	0	7,272	18	1,154	410	277,264
1942	410	0	207	181	6,256	4,570	98,112	0	119,987	11,043	2,853	0	243,619
1943	0	0	0	0	0	41,727	4,817	0	9,387	5,038	1,021	954	62,944
1944	0	0	663	0	42,122	78,328	239	4,015	231,966	1,464	0	0	358,797
1945	0	492	8,317	48,741	15,567	597	1,341	0	1,053	126,407	0	0	202,515
1946	0	0	0	13,739	56,128	45,337	1,069	123	40,015	207,577	0	0	363,988
1947	0	0	0	2,277	84,976	7,021	23,365	6,519	119	0	2,889	15	127,181
1948	0	0	27	0	1,343	0	29,972	0	4,789	7,666	853	0	44,650
1949	0	0	77,437	72,033	47,548	30,706	6,425	15,612	768	5,670	1,484	2,565	260,248
1950	0	416	0	933	27,522	53,216	1,228	0	8,816	8,998	0	0	101,129
1951	0	0	333	0	7,762	37,702	0	0	20,601	3,751	37	0	70,186
1952	0	0	0	0	8,009	38,645	1,092	0	0	0	0	0	47,746
1953	0	0	0	7,210	8,757	0	0	7,405	91,127	28,030	8,823	0	151,352
1954	0	0	0	325	3,373	62,265	47,280	292	789	4,474	3,410	0	122,208
1955	0	0	0	0	7,344	6,444	2,066	315	11,311	24,547	0	0	52,027
1956	0	0	0	0	1,496	0	4,771	7,401	1,549	2,680	31	0	17,828
1957	0	0	1,019	56,465	152,297	133,457	0	0	28,196	15,489	8,777	487	396,187
1958	70,678	160,906	15,141	0	5,256	7,751	59,767	0	19,737	91,854	63,521	7,728	502,339
1959	5,346	1,637	451	0	2,206	808	19,784	3,728	5,331	156,151	5,030	2,159	202,631
1960	2,445	1,577	672	0	450	8,402	5,254	13,721	4,749	15,638	18,916	13,966	85,790
1961	10,098	7,303	2,606	1,692	0	9,111	6,252	16,345	508	0	0	5	53,920
1962	0	0	0	0	0	4,263	0	0	700	0	779	0	5,742
1963	0	499	0	526	4,723	56,257	399	0	296	0	668	0	63,368
1964	0	0	343	0	1,723	263	0	7,122	138,892	134,901	599	0	283,843
1965	48	363	0	0	79,751	8,404	6,652	0	1,468	1,546	443	637	99,312
1966	82	320	0	13,433	106,408	15,126	71	5,343	15,870	649	111	42	157,455
1967	137	108	184	5,107	1,328	44	16	15,771	366,520	37,704	2,174	570	429,663
1968	7,887	5,529	2,532	2,498	35,554	2,035	0	0	3,902	6,091	0	0	66,028
1969	0	0	0	32	1,975	1,010		610	1,769	44,116	41,628	18,265	109,405
1970	5,010	1,756	2,049	714	11,262	30,227	0	7,120	810	13,896	0	0	72,844
1971	0	0	155	227	294	5,380	233,557	267,537	238,350	418,763	23,503	10,286	1,198,052
1972	5,237	3,069	2,393	91	50,358	4,185	0	10,915	8,482	2,606	9	0	87,345
1973	0	1,613	881	123	0	2,923	4,438	1,671	25,287	203,779	24,719	7,816	273,250
1974	3,455	1,974	16,066	718	6,211	394	0	41,188	23,117	686	9,299	2,879	105,987
1975	2,584	1,990	621	1,171	14,970	66,499	49,931	7,461	5,766	3,189	5,123	0	159,305
1976	0	0	0	1,674	2,797	1,058	57,759	32,645	42,223	51,988	126,268	47,182	363,794
1977	16,029	10,236	7,403	13,884	30,756	12,176	1,992	12	0	1,208	0	670	94,366
1978	181	235	29	79	4,189	15,460	0	2,684	9,095	294	0	0	32,246
1979	0	0	0	11,339	4,525	81,323	910	0	0	0	0	0	98,097
1980	0	0	0	0	18,228	17,447	0	59,162	1,567	0	0	0	96,404
1981	93	116	1,301	4,637	81,364	186,551	44,688	3,124	33,269	42,375	15,897	4,643	418,058
1982	2,899	1,481	3,091	771	56,367	3,350	0	0	721	7,543	0	0	76,223
1983	0	0	0	0	0	459	0	0	2,440	2,575	1,689	0	7,163
1984	694	0	0	0	0	0	0	0	0	32,755	5,579	0	39,028
1985	22,672	2,089	11,347	17,725	63,697	24,970	26,218	0	2,880	55,057	50,278	4,014	280,947
1986	0	0	0	0	0	30,742	0	0	939	28,373	9,779	11,983	81,816
1987	8,743	4,512	4,587	2,481	10,431	194,361	38,457	8,245	17,927	8,935	5,072	4,323	308,074
1988	3,719	1,975	894	25	217	0	1,641	20	1,718	584	3,116	0	13,909
1989	0	0	0	0	661	0	0	58	0	694	340	0	1,753
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	1,753
Maximum	70,678	160,906	77,437	72,033	160,389	461,206	233,557	267,537	366,520	418,763	126,268	47,182	1,198,052
Median	24	132	273	426	6,800	8,077	1,641	1,141	5,215	6,007	1,088	3	114,113
Average	4,860	4,333	3,316	7,114	24,586	34,986	20,115	12,395	30,786	34,826	8,959	2,733	188,650
Std. Dev	13,670	21,523	10,772	15,617	36,770	71,690	40,878	37,424	67,798	71,639	20,794	7,193	202,750

Source: Nueces Basin Water Supply Study - Phase I.

Table 2-5
Naturalized Atascosa River Flows at Whitsett (ac-ft/mo)
Phase I Reference No. HQN2080 (USGS No. 08208000)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	16,200	5,890	4,240	9,340	387	91	2,040	141	928	2,180	6,570	7,020	55,027
1935	866	8,880	2,840	10,460	33,870	205,000	3,280	762	60,090	4,460	1,320	2,580	334,408
1936	1,490	972	5,040	837	48,860	10,050	45,720	2,700	4,110	2,300	851	954	123,884
1937	956	658	800	528	854	3,180	1,350	76	8	974	197	24,520	34,101
1938	12,360	1,280	1,230	15,990	2,800	647	425	86	682	18	516	1,790	37,824
1939	776	562	455	95	1,860	6,220	8,110	2,740	5,740	226	66	218	27,068
1940	352	1,207	772	8,003	7,345	19,813	9,162	8,710	1,057	4,636	23,737	17,117	101,911
1941	8,009	8,390	5,681	69,807	72,279	26,197	3,605	6,783	83,829	10,208	1,109	1,079	294,977
1942	985	1,380	948	6,887	3,290	549	177,016	11,594	116,509	7,278	1,850	1,400	329,685
1943	1,542	1,303	2,165	1,113	2,517	3,504	1,981	183	7,563	701	1,523	1,043	25,137
1944	6,143	1,293	5,634	837	26,587	1,426	1,275	1,685	743	209	2,393	2,553	50,779
1945	1,326	4,687	1,918	23,852	669	8,762	959	141	1,396	21,195	561	563	66,030
1946	1,299	1,540	8,692	8,417	15,490	23,108	556	74,254	70,409	48,458	3,350	2,430	258,002
1947	4,389	1,670	3,552	1,917	15,050	958	697	7,294	438	264	2,220	903	39,351
1948	699	1,098	815	692	338	2,765	11,843	5,232	429	2,557	415	496	27,378
1949	670	4,990	1,051	58,557	3,200	18,468	62,485	4,903	1,679	5,588	1,159	4,060	166,811
1950	1,028	863	768	1,774	6,077	6,835	11,053	138	373	35	43	174	29,160
1951	306	362	623	427	11,563	14,222	108	408	26,466	1,235	1,236	858	57,815
1952	1,086	2,797	923	3,901	2,423	414	7,010	424	14,616	471	980	1,516	36,562
1953	1,389	966	1,081	3,557	33,370	1,818	1,985	3,113	35,179	4,698	837	627	88,621
1954	614	866	937	3,711	2,701	2,371	468	1	197	1,330	1,621	571	15,386
1955	1,180	7,080	996	725	8,000	3,610	1,180	2,420	1,160	48	310	721	27,430
1956	716	649	652	1,900	3,860	1,290	889	4,180	10,530	12,560	408	3,610	41,244
1957	900	1,040	6,610	71,870	83,900	19,080	845	548	41,830	6,170	14,330	1,440	248,563
1958	57,800	83,230	3,980	1,830	12,770	1,410	2,920	190	7,010	23,750	17,040	5,400	217,330
1959	1,770	2,060	1,210	1,020	5,130	1,430	526	171	434	12,300	1,860	732	28,643
1960	1,030	990	1,940	1,320	619	11,970	8,710	8,330	844	23,140	12,250	18,070	89,213
1961	5,910	14,290	1,170	2,490	495	46,940	2,750	909	319	16,310	4,400	1,240	97,223
1962	1,200	1,170	803	906	489	11,190	150	130	463	59	254	1,280	18,094
1963	488	2,773	331	151	2,156	1,216	347	208	178	214	1,864	2,784	12,708
1964	431	1,272	846	528	561	250	486	6,303	191	1,302	1,034	280	13,485
1965	449	5,314	400	1,917	33,360	1,159	624	136	229	2,044	601	4,095	50,327
1966	490	609	381	11,668	5,776	3,611	738	783	2,744	572	131	268	27,773
1967	340	390	355	233	3,211	335	213	5,847	297,942	5,725	9,390	1,530	325,511
1968	126,202	8,282	2,603	3,304	76,945	6,284	5,494	700	4,902	618	667	2,582	238,585
1969	650	11,039	1,310	3,551	21,479	3,063	313	1,397	632	9,161	555	892	54,042
1970	1,861	1,630	15,381	971	52,306	48,481	1,872	1,060	1,972	533	305	466	126,837
1971	444	420	422	303	165	961	72	18,177	4,054	20,362	1,082	1,231	47,693
1972	823	714	580	328	54,151	4,086	493	2,536	6,113	564	367	357	71,111
1973	564	2,910	766	10,232	1,221	171,515	4,059	1,659	26,023	34,882	2,901	1,401	258,132
1974	1,280	982	883	769	2,750	1,213	159	8,600	11,060	826	1,620	675	30,817
1975	582	588	543	1,490	40,417	13,982	3,371	802	904	689	434	410	64,212
1976	484	395	413	7,250	19,610	793	5,292	161	5,060	45,680	16,180	8,950	110,268
1977	6,550	2,120	1,202	136,800	15,850	2,432	663	231	1,690	582	1,710	430	170,260
1978	466	516	429	384	669	7,272	4,152	28,602	23,800	1,010	3,090	1,030	71,420
1979	7,260	1,522	879	14,670	3,982	20,891	1,464	604	716	111	196	1,350	53,645
1980	510	417	391	205	78,881	880	340	55,074	3,980	942	2,660	1,120	145,400
1981	1,430	899	1,960	2,580	2,650	5,840	1,760	1,305	13,580	2,820	1,300	843	36,967
1982	702	7,080	1,430	806	7,950	3,300	137	26	1,130	4,560	571	424	28,116
1983	449	1,250	3,420	412	1,100	2,440	1,560	2,540	45,600	4,440	499	498	64,208
1984	2,370	450	413	293	367	303	122	15	228	12,920	2,120	1,430	21,031
1985	2,380	728	2,910	14,630	2,330	2,490	5,930	29	4,080	28,280	14,260	1,570	79,617
1986	756	617	364	120	904	8,160	68	42	706	18,650	1,200	26,770	58,357
1987	2,990	11,140	5,090	856	1,840	71,180	1,110	393	987	112	189	553	96,440
1988	278	306	201	158	711	370	1,210	55	544	3	12	11	3,859
1989	317	286	460	161	218	0	154	32	7	220	1,200	242	3,297
Minimum	278	286	201	95	165	0	68	1	7	3	12	11	3,297
Maximum	126,202	83,230	15,381	136,800	83,900	205,000	177,016	74,254	297,942	48,458	23,737	26,770	334,408
Median	971	1,229	943	1,632	3,251	3,240	1,243	793	1,685	2,112	1,180	1,100	56,421
Average	5,224	4,050	1,998	9,420	14,971	14,925	7,345	5,099	17,037	7,343	3,028	2,985	93,425
Std. Dev	18,309	11,246	2,593	23,060	22,519	36,332	25,248	12,716	44,650	11,260	5,050	5,584	91,392

Source: Nueces Basin Regional Water Supply Study - Phase I

Table 2-6
Atascosa River Flows at Whitsett (ac-ft/mo) Adjusted for Upstream Water Rights
Phase I Reference No. QIN2080 (USGS No. 08208000)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	10,782	3,915	2,815	6,207	242	47	1,347	83	611	1,446	4,368	4,668	36,531
1935	569	5,906	1,882	6,953	22,542	136,516	2,172	497	40,013	2,964	872	1,711	222,597
1936	985	639	3,347	544	32,525	6,679	30,438	1,788	2,730	1,526	559	628	82,388
1937	629	430	523	338	553	2,104	887	40	0	643	124	16,323	22,594
1938	8,224	844	810	10,636	1,849	417	271	47	447	6	336	1,185	25,072
1939	509	366	294	50	1,223	4,129	5,389	1,814	3,816	145	37	138	17,910
1940	227	798	505	5,317	4,876	13,181	6,090	5,790	697	3,082	15,902	11,393	67,756
1941	3,995	5,580	3,774	46,478	48,122	17,433	2,389	4,507	55,823	6,793	731	711	196,336
1942	649	911	622	4,573	2,176	352	117,881	7,711	77,588	4,841	1,225	925	219,454
1943	1,020	860	1,433	728	1,661	2,320	1,307	111	5,030	461	1,007	687	16,625
1944	4,084	853	3,743	544	17,692	936	837	1,112	488	133	1,586	1,693	33,701
1945	876	3,114	1,268	15,872	430	5,822	627	83	922	14,110	366	368	43,858
1946	858	1,018	5,780	5,592	10,301	16,378	358	49,443	46,885	32,267	2,224	1,611	171,713
1947	2,916	1,104	2,356	1,263	10,008	624	452	4,847	284	170	1,471	594	26,089
1948	458	723	533	448	210	1,828	7,875	3,474	278	1,697	269	323	18,116
1949	439	3,315	691	38,986	2,116	12,286	41,603	3,255	1,111	3,716	765	2,697	110,980
1950	677	567	502	1,168	4,032	4,538	7,349	81	241	17	21	109	19,302
1951	196	233	406	271	7,686	9,458	60	261	17,619	817	816	564	38,387
1952	716	1,855	605	2,585	1,598	262	4,657	272	9,727	308	645	1,002	24,232
1953	918	635	711	2,356	22,209	1,197	1,310	2,063	23,422	3,123	550	410	58,904
1954	402	569	615	2,458	1,784	1,565	300	0	124	880	1,072	373	10,142
1955	779	4,707	654	470	5,313	2,390	774	1,601	765	26	199	473	18,151
1956	470	424	425	1,252	2,555	845	580	2,773	7,006	8,359	264	2,397	27,350
1957	592	685	4,393	47,852	55,862	12,693	551	354	27,851	4,103	9,536	952	165,424
1958	38,487	55,423	2,641	1,205	8,490	925	1,933	116	4,661	15,812	11,341	3,589	144,623
1959	1,171	1,364	797	666	3,401	938	338	103	282	8,186	1,231	480	18,957
1960	679	651	1,283	866	397	7,958	5,789	5,537	555	15,405	8,151	12,027	59,298
1961	3,929	9,509	770	1,645	314	31,248	1,820	595	205	10,856	2,923	819	64,633
1962	792	771	525	590	310	7,439	88	76	301	33	162	845	11,932
1963	318	1,839	211	87	1,421	796	219	128	111	137	1,234	1,847	8,348
1964	280	839	554	338	358	153	312	4,187	120	861	681	179	8,862
1965	292	3,531	257	1,263	22,202	758	404	80	145	1,355	393	2,720	33,400
1966	319	398	244	7,758	3,831	2,391	480	511	1,820	375	80	171	18,378
1967	219	252	227	142	2,123	209	130	3,883	198,422	3,807	6,246	1,012	216,672
1968	84,043	5,508	1,724	2,187	51,230	4,171	3,647	456	3,257	406	437	1,712	158,778
1969	426	7,344	863	2,352	14,290	2,026	196	920	414	6,095	362	587	35,875
1970	1,232	1,078	10,234	633	34,820	32,274	1,235	695	1,306	349	196	303	84,355
1971	288	272	272	188	95	626	36	12,095	2,693	13,555	713	813	31,646
1972	541	468	377	205	36,049	2,707	316	1,678	4,064	370	237	230	47,242
1973	368	1,930	501	6,801	798	114,215	2,691	1,094	17,324	23,225	1,925	926	171,798
1974	845	646	579	499	1,816	794	94	5,717	7,359	544	1,072	442	20,407
1975	380	384	352	979	26,902	9,298	2,233	523	595	453	282	266	42,647
1976	315	255	268	4,815	13,045	514	3,512	97	3,363	30,417	10,769	5,953	73,321
1977	4,355	1,404	791	91,095	10,541	1,606	430	143	1,118	382	1,132	279	113,276
1978	303	336	278	242	430	4,829	2,753	19,038	15,843	667	2,051	679	47,447
1979	4,828	1,008	576	9,757	2,637	13,899	963	392	470	68	123	892	35,611
1980	332	270	251	123	52,519	572	214	36,669	2,643	621	1,764	739	96,717
1981	945	591	1,296	1,705	1,750	3,875	1,160	858	9,037	1,872	858	554	24,501
1982	460	4,707	943	523	5,279	2,184	79	7	745	3,031	373	275	18,606
1983	292	825	2,268	261	717	1,611	1,027	1,681	30,362	2,951	325	324	42,644
1984	1,571	292	266	182	229	188	69	0	145	8,599	1,405	945	13,891
1985	1,578	477	1,929	9,730	1,536	1,644	3,937	9	2,710	18,828	9,490	1,038	52,906
1986	496	403	233	67	587	5,421	33	17	463	12,415	792	17,821	38,748
1987	1,984	7,411	3,381	557	1,210	47,392	727	251	650	69	119	361	64,112
1988	178	196	125	92	458	232	794	26	355	0	1	0	2,457
1989	204	182	297	94	130	0	91	11	0	141	792	154	2,096
Minimum	178	182	125	50	95	0	33	0	0	0	1	0	2,096
Maximum	84,043	55,423	10,234	91,095	55,862	136,516	117,881	49,443	198,422	32,267	15,902	17,821	222,597
Median	639	811	619	1,074	2,150	2,144	816	517	1,115	1,401	779	725	37,459
Average	3,472	2,689	1,321	6,261	9,955	9,927	4,880	3,386	11,340	4,884	2,009	1,981	62,104
Std Dev	12,193	7,490	1,727	15,358	14,998	24,197	16,815	8,469	29,737	7,499	3,363	3,719	60,866

Source: Nueces Basin Regional Water Supply Study - Phase I.

Table 2-7
Naturalized Flows near Three Rivers (ac-ft/mo)
Phase I Reference No. HQN2100 (USGS No. 08210000)

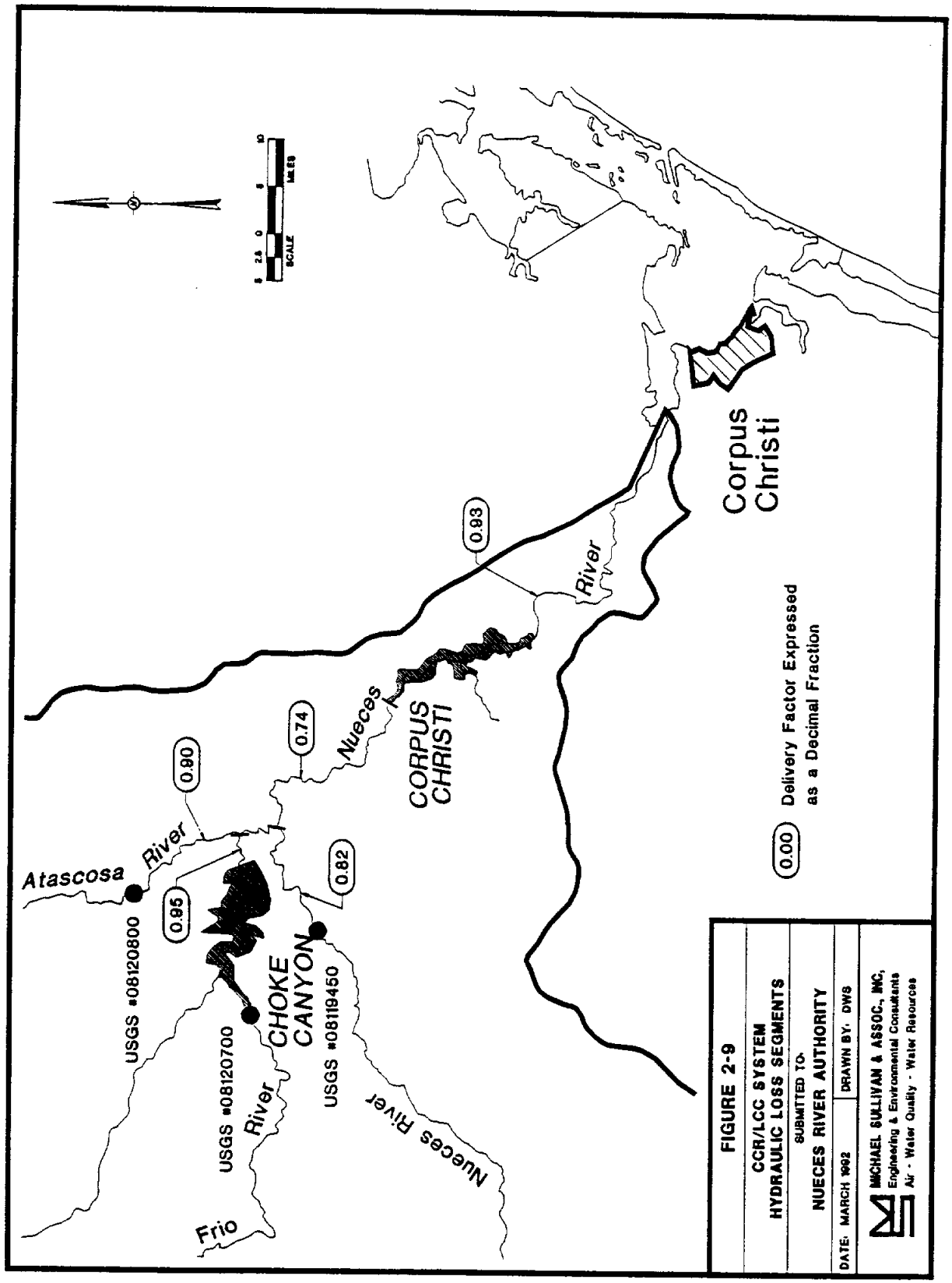
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	84,201	21,601	7,441	38,502	8,672	7,022	33,402	31,502	15,801	20,351	100,501	18,381	387,377
1935	7,789	25,930	16,040	68,406	211,919	1,501,017	128,415	142,212	306,309	62,777	8,869	13,049	2,492,733
1936	8,749	4,110	26,241	8,766	99,198	49,026	341,014	6,772	139,509	184,207	28,809	19,409	915,810
1937	12,559	7,530	7,581	4,525	4,899	21,958	3,605	16,803	6,309	2,557	840	88,079	177,245
1938	172,273	9,054	5,938	101,376	46,914	4,225	2,144	48,012	5,210	884	4,111	10,879	411,020
1939	3,341	2,073	2,021	1,200	118,479	60,816	51,466	20,505	39,787	36,174	2,199	1,667	339,728
1940	1,909	4,240	19,142	121,225	77,345	228,636	274,690	61,386	19,188	16,843	36,499	35,383	896,486
1941	17,841	79,474	18,203	152,128	486,455	136,750	83,937	12,815	227,735	25,096	5,412	3,584	1,249,429
1942	3,636	4,065	3,287	16,201	27,109	10,298	555,079	19,168	442,726	53,046	10,154	4,288	1,149,056
1943	4,488	3,725	5,920	3,732	6,350	107,590	40,640	1,084	28,330	11,886	7,099	4,622	225,467
1944	8,334	2,952	11,395	3,999	113,774	176,434	6,156	23,352	339,752	16,570	4,024	5,699	712,438
1945	8,600	18,073	23,333	134,901	41,700	44,410	6,532	789	2,359	248,819	2,311	1,738	533,564
1946	2,915	2,927	13,201	39,954	151,981	128,854	4,820	77,657	262,367	505,643	9,505	4,545	1,204,369
1947	7,231	3,026	6,553	15,977	146,064	42,021	52,818	23,535	2,254	1,037	8,261	2,436	311,211
1948	1,340	2,164	2,052	1,314	3,002	3,410	93,384	8,411	8,973	31,048	3,524	1,023	159,645
1949	1,242	14,336	141,160	210,993	144,184	115,391	81,563	39,018	4,382	34,814	10,012	20,371	817,466
1950	2,021	2,164	1,644	4,749	58,231	112,993	14,784	726	12,722	17,817	490	438	226,778
1951	359	450	1,329	771	93,180	139,931	789	447	153,339	15,747	2,686	981	410,008
1952	2,334	11,920	3,180	14,377	33,420	68,376	9,794	1,506	15,124	1,775	2,271	2,134	166,210
1953	1,874	1,166	1,399	15,858	87,240	1,241	3,421	30,298	349,898	73,187	26,040	1,107	592,728
1954	1,168	1,443	1,289	10,489	13,725	70,585	125,173	1,450	895	11,361	10,980	691	249,249
1955	1,135	8,084	1,099	837	43,269	18,353	6,043	8,626	24,060	39,702	512	1,052	152,770
1956	875	845	877	3,695	15,061	3,126	12,994	31,932	34,396	38,314	1,772	4,487	148,375
1957	1,090	1,519	25,099	202,941	531,826	422,165	1,939	847	147,363	95,506	43,803	5,508	1,479,605
1958	297,856	437,643	92,376	7,423	46,222	59,963	111,042	1,723	86,406	225,226	169,334	29,025	1,564,238
1959	18,294	8,947	5,284	3,604	12,631	29,940	58,932	10,049	9,335	320,120	18,865	7,069	503,070
1960	8,508	7,610	7,005	7,509	4,184	44,829	20,694	63,036	15,316	102,569	80,416	56,471	418,147
1961	36,899	54,258	10,720	20,648	1,843	123,743	22,349	32,499	3,627	17,452	7,172	3,260	334,469
1962	3,126	2,421	1,841	3,734	1,963	26,584	715	173	2,180	303	1,959	3,285	48,284
1963	1,097	4,795	986	2,305	16,946	111,460	5,971	559	2,590	1,795	17,602	6,496	172,601
1964	1,667	2,569	4,546	2,079	5,884	5,717	1,787	26,685	217,190	247,405	11,970	1,445	528,942
1965	3,034	22,058	2,212	7,068	216,752	30,472	14,095	1,579	2,217	11,721	3,056	11,560	325,821
1966	2,630	7,038	2,556	49,090	214,198	46,900	4,558	22,573	54,451	4,495	1,819	1,622	411,929
1967	2,126	2,405	3,009	10,821	16,368	3,418	2,608	44,019	1,408,493	139,218	29,519	6,553	1,668,555
1968	237,892	34,363	19,555	17,196	267,242	33,753	27,451	2,908	18,734	12,936	1,866	4,763	678,657
1969	1,567	19,327	3,782	9,575	33,331	8,953	2,487	4,973	6,615	132,041	88,553	38,773	349,976
1970	14,751	7,660	29,052	5,347	101,978	171,445	5,904	13,784	9,626	25,612	2,042	1,758	388,959
1971	1,942	1,543	2,966	3,278	3,003	16,489	352,708	649,349	484,768	849,736	72,667	25,487	2,463,937
1972	17,696	11,923	9,241	4,179	148,063	16,574	3,079	25,491	46,336	11,167	3,163	3,068	299,980
1973	4,189	9,616	6,842	26,355	4,368	217,638	114,357	31,812	76,593	456,879	67,854	24,656	1,041,159
1974	16,960	11,845	41,074	8,055	26,172	7,660	2,144	97,802	128,847	12,112	24,847	13,110	390,627
1975	12,448	26,115	10,623	12,764	129,324	129,627	81,032	21,016	22,104	9,848	15,875	6,110	476,885
1976	5,891	4,329	4,328	31,966	90,994	12,990	151,006	76,335	101,905	170,034	295,211	111,453	1,056,439
1977	54,105	33,486	26,783	303,967	101,938	43,249	13,284	5,408	6,658	11,980	13,485	8,684	623,026
1978	8,408	6,994	6,085	6,003	12,388	104,133	7,945	85,861	68,146	6,227	7,306	4,756	324,252
1979	14,893	6,278	10,913	65,446	28,537	217,729	16,173	4,589	3,834	2,188	2,550	4,834	377,962
1980	6,069	3,169	2,242	1,959	235,797	38,208	1,950	318,666	32,562	10,828	4,929	3,226	659,606
1981	4,691	3,579	5,866	19,623	192,304	445,216	137,502	16,418	70,193	117,488	44,820	16,267	1,073,965
1982	13,690	16,661	15,124	9,128	105,958	22,276	4,086	2,128	4,882	21,593	2,415	1,544	219,485
1983	1,572	2,770	8,937	1,982	2,668	7,164	3,598	4,635	102,133	22,325	8,158	1,806	167,745
1984	5,247	1,252	1,528	1,344	1,553	14,274	12,155	783	660	90,143	14,036	1,159	144,135
1985	42,014	5,991	24,785	43,707	99,064	46,701	50,377	1,740	5,838	132,219	108,543	12,973	573,952
1986	2,649	2,086	2,382	2,197	3,110	63,722	3,168	2,256	4,465	65,009	21,465	49,077	221,585
1987	22,211	21,703	24,596	10,898	22,341	508,676	115,661	26,040	34,335	20,525	13,903	12,163	833,050
1988	11,175	7,362	5,893	5,108	6,690	4,539	8,656	4,271	6,482	4,186	12,492	17,069	93,921
1989	17,008	4,794	10,480	18,785	18,699	32,333	35,057	29,508	8,486	19,189	10,688	9,481	212,508
Minimum	359	450	877	771	1,553	1,241	715	173	660	303	490	438	48,284
Maximum	297,856	437,643	141,160	303,967	531,826	1,501,017	555,079	649,349	1,408,493	849,736	295,211	111,453	2,492,733
Median	5,569	6,135	6,319	9,352	42,485	44,620	13,690	16,611	20,646	21,959	9,759	5,171	410,514
Average	22,314	18,312	13,376	33,894	84,545	109,304	59,413	39,956	100,621	86,067	26,951	13,403	608,154
Std. Dev	54,621	58,722	22,506	60,569	108,883	218,215	103,317	96,146	212,633	149,893	49,138	20,806	535,182

Source: Nueces Basin Regional Water Supply Study - Phase I.

Table 2-8
Naturalized Nueces River Flows near Mathis (ac-ft/mo)
Phase I Reference No. HQN2110 (USGS No. 08211000)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1934	96,663	20,403	5,916	40,519	6,970	5,256	36,213	31,029	18,264	19,105	108,096	17,626	406,060
1935	6,051	25,535	21,718	69,737	220,835	1,571,069	131,419	145,715	346,886	63,454	7,172	15,657	2,625,248
1936	7,048	2,228	26,176	7,897	119,398	58,022	353,817	6,659	150,030	189,416	27,894	18,123	966,708
1937	11,006	5,781	5,834	2,657	3,438	20,770	2,459	15,415	4,513	1,906	7	113,671	187,457
1938	176,751	7,178	3,876	104,543	47,821	2,056	595	48,316	3,450	523	2,047	12,017	409,173
1939	1,225	483	645	670	120,848	62,278	51,215	19,963	43,218	35,328	472	382	336,727
1940	406	2,210	18,737	123,698	90,684	247,780	283,346	65,913	17,842	19,642	36,288	37,156	943,702
1941	16,458	82,211	18,336	166,897	514,804	141,618	95,266	12,360	240,799	29,155	3,544	1,803	1,323,251
1942	1,521	2,879	1,104	14,688	26,693	8,435	594,463	25,876	464,160	53,104	8,309	2,252	1,203,484
1943	2,789	1,640	4,100	1,574	7,140	112,147	39,943	474	35,919	10,102	6,817	3,395	226,040
1944	8,597	811	17,269	1,816	121,880	181,890	4,083	30,615	351,439	14,937	3,512	3,778	740,627
1945	6,662	16,758	22,213	138,696	41,018	49,431	4,497	527	480	256,785	526	421	638,014
1946	2,864	779	11,566	40,291	164,098	132,368	2,687	84,347	273,820	531,938	7,616	2,507	1,254,881
1947	7,256	914	4,517	18,648	158,620	41,325	52,591	27,378	533	516	6,597	550	319,445
1948	401	527	505	529	1,058	1,852	94,865	6,538	9,425	34,219	5,257	875	156,051
1949	747	9,277	149,719	216,116	229,800	114,653	96,529	42,610	4,863	34,522	12,365	19,802	931,003
1950	2,433	1,428	1,635	4,851	51,798	114,663	12,445	405	9,552	16,515	361	296	216,382
1951	97	478	1,327	1,481	86,573	137,573	155	132	204,518	18,823	2,432	642	454,231
1952	2,082	12,860	2,236	16,277	32,875	79,056	12,431	1,309	18,530	1,063	2,027	2,331	183,077
1953	2,453	1,359	1,713	14,249	91,717	361	737	43,697	396,427	71,114	35,484	702	660,013
1954	1,992	1,973	1,762	11,353	10,259	64,694	141,319	1,860	4,111	12,931	12,145	633	265,032
1955	834	7,893	1,113	524	36,837	18,261	5,774	10,223	28,562	41,474	1,682	1,245	154,422
1956	1,310	844	1,040	5,311	22,093	4,372	10,996	25,337	39,728	46,625	1,993	11,638	171,287
1957	870	2,257	28,844	167,627	580,629	477,169	3,667	839	130,808	118,592	45,475	5,234	1,562,011
1958	312,355	363,892	184,603	4,896	43,280	44,297	115,597	571	64,432	249,345	197,869	20,692	1,601,829
1959	27,138	6,025	8,247	617	8,104	27,395	63,171	11,466	4,791	282,411	21,234	8,362	468,961
1960	8,658	8,207	7,047	3,133	1,542	43,246	25,478	64,575	25,021	160,419	92,332	58,700	498,358
1961	47,203	64,728	13,129	19,896	827	112,045	27,943	34,997	5,186	14,922	5,453	1,560	347,889
1962	197	178	290	284	286	40,255	218	143	20,680	200	239	985	63,955
1963	2,499	5,763	2,548	586	16,534	111,713	551	411	335	427	25,225	5,854	172,446
1964	969	830	3,534	1,159	4,640	6,352	3,339	27,091	172,198	233,268	12,146	722	466,248
1965	1,160	977	41,129	5,743	181,798	48,409	10,410	1,135	979	2,471	3,126	10,078	307,415
1966	1,321	1,228	1,544	41,566	222,156	43,736	1,658	15,133	47,597	3,246	1,534	1,042	381,761
1967	1,410	2,268	4,814	8,402	19,338	2,152	1,794	49,074	1,632,518	201,040	26,789	26,577	1,976,176
1968	219,257	37,396	18,836	16,924	284,373	33,483	32,607	6,120	17,918	13,489	4,058	7,401	691,862
1969	2,779	21,312	1,538	12,057	29,784	10,355	8,176	2,240	10,149	116,180	81,776	43,528	339,874
1970	12,513	7,251	30,537	5,914	91,199	179,355	7,377	15,429	6,999	26,682	2,517	5,835	391,608
1971	2,436	1,458	1,855	13,003	2,140	3,851	306,326	622,267	626,848	914,173	87,515	29,475	2,611,347
1972	21,749	12,380	9,805	931	168,810	15,030	5,723	23,657	48,743	8,207	646	339	316,020
1973	630	486	7,368	23,735	6,922	271,292	116,498	31,559	69,821	457,956	72,257	26,803	1,085,327
1974	14,157	533	49,933	7,942	27,468	6,434	2,796	107,918	172,577	14,769	24,303	12,545	441,375
1975	12,085	22,213	10,566	11,405	115,709	126,891	74,204	18,164	16,203	7,753	15,533	2,621	433,347
1976	8,182	1,057	1,245	30,175	78,078	8,014	138,374	69,797	104,739	154,808	268,358	113,767	976,594
1977	49,020	31,287	24,511	279,518	92,467	39,319	11,963	4,946	4,270	11,228	19,638	8,628	576,795
1978	9,079	7,119	6,575	6,537	10,147	106,221	9,160	81,878	67,243	3,585	8,560	4,768	320,872
1979	12,338	5,673	9,570	65,094	30,171	221,207	13,906	7,611	3,619	4,268	806	6,720	380,983
1980	725	762	868	874	200,077	39,544	4,429	341,311	33,811	7,925	2,159	6,153	638,638
1981	3,796	2,912	5,468	18,993	204,374	444,583	163,135	22,784	72,914	111,907	50,413	15,101	1,116,380
1982	14,545	15,013	15,174	10,056	107,666	21,023	6,365	5,755	10,138	24,813	7,919	5,924	244,391
1983	875	3,063	10,508	2,146	5,956	7,866	5,486	8,196	78,749	20,763	10,032	849	154,489
1984	8,254	2,594	3,361	818	8,215	14,743	13,699	4,009	2,056	77,603	13,657	5,713	154,722
1985	33,498	6,137	24,951	69,207	103,317	54,235	52,101	3,440	5,706	125,813	115,527	15,040	598,972
1986	1,774	7,434	1,096	2,717	3,721	63,342	4,841	3,328	1,124	58,739	10,359	45,464	211,939
1987	20,435	20,462	23,045	5,331	30,657	483,030	128,364	27,004	28,296	11,985	14,321	10,955	803,885
1988	10,117	7,732	7,136	7,125	5,717	7,002	9,070	9,730	10,357	7,915	11,000	18,971	111,872
1989	17,794	7,828	14,976	18,042	21,499	30,026	37,282	34,016	14,210	16,147	12,814	12,072	236,706
Minimum	97	178	290	284	286	361	155	132	335	200	7	296	63,955
Maximum	312,355	363,892	184,603	279,518	580,629	1,571,069	594,463	622,267	1,632,518	914,173	268,358	113,767	2,625,248
Median	4,924	4,368	6,811	9,229	38,928	44,017	12,438	15,422	22,851	22,788	9,296	6,039	421,260
Average	22,098	15,802	16,031	33,133	87,765	112,742	61,313	41,130	110,323	88,683	27,968	14,393	631,381
Std. Dev	55,363	49,692	31,470	58,376	116,141	227,980	106,343	94,357	245,634	157,652	49,283	23,041	572,228

Source: Nueces Basin Regional Water Supply Study - Phase I


Corpus Christi
0.93
River
Nueces
CORPUS CHRISTI
0.74
0.90
Atascosa
River
0.82
0.95
USGS #08120800
CHOKE CANYON
USGS #08119450
USGS #08120700
River
Nueces River
Frio
0.00
Delivery Factor Expressed as a Decimal Fraction
SCALE
MILES
FIGURE 2-9
CCR/LCC SYSTEM HYDRAULIC LOSS SEGMENTS
SUBMITTED TO:
NUECES RIVER AUTHORITY
DATE: MARCH 1992
DRAWN BY: DWS
MICHAEL SULLIVAN & ASSOC., INC.
Engineering & Environmental Consultants
Air - Water Quality - Water Resources

3.0 HISTORICAL AND PROPOSED SYSTEM OPERATION

3.1 Historical System Operation

A simplified map of the CCR/LCC System, Nueces Bay and the Nueces Estuary is shown in Figure 3-1. The most efficient operation of a typical two reservoir system dictates that the upper reservoir be maintained at maximum practicable storage levels and that the lower reservoir be used to capture intervening drainage area runoff plus dedicated releases from the upper impoundment. The water levels of the lower impoundment are allowed to fluctuate naturally. When operated in this manner, the system FAY is generally in excess of the sum of the individual impoundment FAYs.

In an effort to accommodate LCC area residents and recreational users, a less efficient operational strategy was developed for the CCR/LCC System. This strategy maintains LCC within prescribed elevation limits and only specifies CCR releases to satisfy in-stream flow requirements and to maintain the level of LCC above the specified minimums. This is a very inefficient use of the system because the lower impoundment is maintained nearly full. As a result, there is little or no available storage capacity to capture the runoff generated from the occasional large storm that passes over the lower basin. This results in increased spills to Nueces Bay during high flow periods when the bay is likely to have already received sufficient freshwater inflow to maintain salinities at or below desirable levels. This is an inefficient operation because the system is deprived of storage capacity for any future beneficial use.

3.1.1 Historical CCR/LCC Operational Criteria

The negotiated CCR/LCC IORs are driven by current demand and available storage. As the system demand increases into the future, IORs are modified; as the total storage of the system and the levels of the individual reservoirs decrease because of sedimentation, the operation rules are also modified. The original operating plan for the CCR/LCC System is outlined below.

PHASE I Operation Phase I, which applied only to the period of filling of CCR, is no longer applicable to this study.

PHASE II Operation Phase II is applicable after CCR is filled and the annual M&I demand is less than 150,000 ac-ft (the current system M&I demand is approximately 130,000 ac-ft/yr).

- A minimum of 2,000 ac-ft/mo will be released from CCR to meet conditions of an agreement between the COCC and TP&WD to maintain in-stream flows between the two impoundments.
- Whenever the level of LCC falls below 88 ft MSL and the CCR elevation is above 204 ft MSL, releases will be made from CCR to maintain the LCC surface at or above elevation 88 ft MSL.

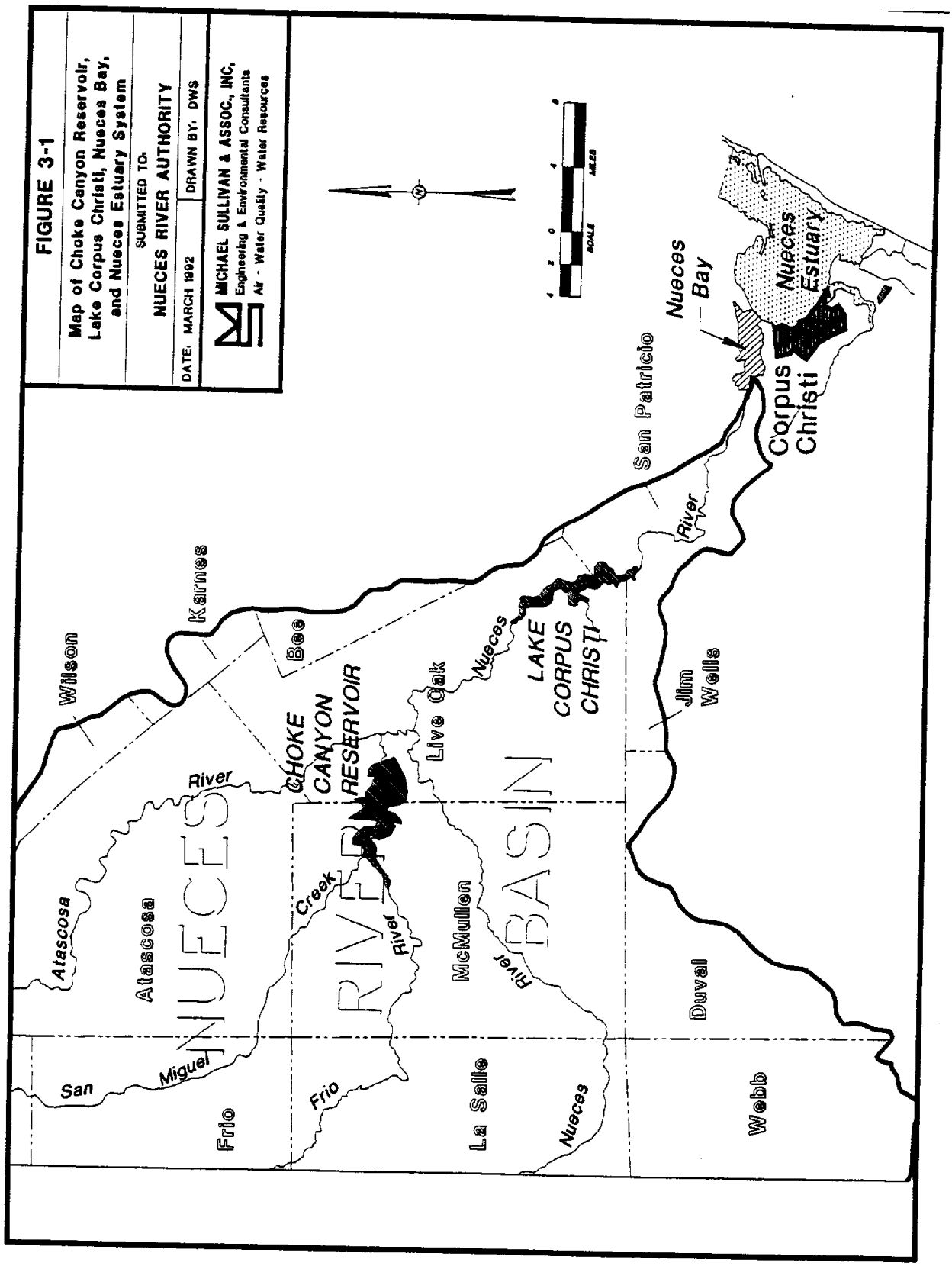


FIGURE 3-1
Map of Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and Nueces Estuary System
SUBMITTED TO:
NUECES RIVER AUTHORITY
DATE: MARCH 1992
DRAWN BY: DWS
MICHAEL SULLIVAN & ASSOC., INC.
Engineering & Environmental Consultants
Air - Water Quality - Water Resources
SCALE
MILES
Nueces Bay
Nueces Estuary
Corpus Christi
San Patricio
Wilson
Karnes
Bee
Live Oak
Jim Wells
Duval
Webb
La Salle
McMullen
Frio
Atascosa
CHOKE CANYON RESERVOIR
LAKE CORPUS CHRISTI
NUECES RIVER BASIN
Nueces River
Frio River
Atascosa River
San Miguel Creek

- Whenever the level of LCC is at or below elevation 88 ft MSL and the CCR elevation is less than 204 ft MSL, the CCR release for the current month is made equal to the LCC release for the previous month. This minimizes drawdowns at LCC for recreation purposes and promotes a more consistent water quality by mixing CCR releases with LCC content.

PHASE III Operation Phase III applies after CCR has filled and the annual M&I demand is between 150,000 and 200,000 ac-ft.

- A minimum of 2,000 ac-ft/mo will be released from CCR to meet conditions of an agreement between the COCC and TP&WD to maintain in-stream flows between the two impoundments.

- Whenever the level of LCC is at or below elevation 88 ft MSL, and the ratio of CCR content to LCC content (both at the end of the preceding month) exceeds the corresponding ratio with 6 ft drawdown at both reservoirs, the CCR release for the current month is made equal to the LCC release during the preceding month. This equalizes drawdown at both reservoirs for recreation purposes and promotes a more consistent water quality by mixing CCR releases with LCC content.

PHASE IV Operation Phase IV applies after CCR has filled and the annual M&I demand is between 200,000 and 300,000 ac-ft, and developed long-term supply is less than 300,000 ac-ft/yr.

- A minimum of 2,000 ac-ft/mo will be released from CCR to meet conditions of an agreement between the COCC and TP&WD to maintain in-stream flows between the two impoundments.

- In order to provide the maximum dependable yield (the true FAY) from the two reservoirs, the water level of LCC will be allowed to drop to elevation 76 ft MSL before water is released from CCR in excess of the 2,000 ac-ft/mo requirement. When the level of CCR drops to 155 ft MSL, LCC will be lowered to its minimum level.

3.1.2 Historical Bay and Estuary Inflow Requirements

The original TWC Nueces Basin Adjudication Order did not address the spatial and temporal significance of freshwater inflows to the Nueces Estuary. The order simply stated that there must be at least 151,000 ac-ft/yr (comprised of any combination of dedicated releases, spills and M&I return flows) returned to the general estuary system. Neither monthly inflow distributions nor specific points of return were specified.

3.2 Proposed Texas Water Commission Interim Operation (IOR)

The original TWC recommended IORs were modified numerous times during the course of the TAC meetings. Four significant changes were made to the TWC IORs, which increased the flexibility and practicality of the system operation:

1. The CCR/LCC System will be operated perpetually in the Phase IV mode to maximize water availability for both M&I and B&E uses during drought periods;

2. Provisions are made to allow some reduction to the B&E freshwater inflow requirements of months following months, or extended periods, of very high natural inflows;

3. Provisions are made to allow reductions or secession of LCC B&E releases during periods of severe or prolonged drought; and

4. Required M&I demand reductions are tied directly to LCC B&E release reductions.

3.2.1 IOR CCR/LCC Operational Criteria

Current CCR/LCC System operation promotes the maintenance of LCC at or above elevation 88 ft MSL, to the maximum extent possible. This operation has two effects:

1. CCR water is not held in reserve for release to LCC, and ultimate pass-through for either M&I or B&E uses, during periods when inflows to LCC are low and

2. There is limited LCC capacity available to capture all of the runoff from the remaining portions of the basin.

These two effects combine to significantly reduce the FAY of the CCR/LCC System.

Phase IV operation of the CCR/LCC System is, however, consistent with maximal utilization of the resource. With the exception of in-stream flow releases, as much water as possible is maintained in CCR. This simple operation change has two desirable results:

1. CCR water is held in reserve, for release to LCC and ultimate pass-through for either M&I or B&E uses, during periods when inflows to LCC are low and

2. There is available capacity in LCC to capture all of the runoff from the remaining portions of the basin.

Under this operation, the maximum FAY of the CCR/LCC System is realized.

Thus, for this study, the general operation of the CCR/LCC System will be simplified as follows:

- A minimum of 2,000 ac-ft/mo will be released from CCR to meet conditions of an agreement between the COCC and TP&WD to maintain in-stream flows between the two impoundments.

- The water level of LCC will be allowed to drop to elevation 76 ft MSL before water is released from CCR in excess of the 2,000 ac-ft/mo requirement. When the level of CCR drops to 155 ft MSL, LCC will be lowered to its minimum level.

3.2.2 Municipal and Industrial Demands

The Phase I Study contains numerous projections of future municipal and industrial water demands that are likely to be placed on the CCR/LCC system. Three of those sets of demand projections were selected for simulation with the CPM. Table 3-1 shows the year 1990, 2010, and 2040 populations and municipal and industrial water demands. Low population series estimates were selected to reflect recent trends toward a less rapid rate of population increase in the area. The 2040 M&I demand was artificially constrained to 197,000 ac-ft/yr to reflect lower firm yield estimates of the Phase I Study. Those estimates were developed without additional B&E releases above the required minimum 151,000 ac-ft/yr. They do, however, include a much higher than anticipated reduction in available LCC storage volume resulting from sediment accumulation.

Table 3-1
Projected Populations and Municipal and Industrial Water Demands Used in Conditional Probability Model Simulations a/

Year	Population b/	CCR/LCC Demand (ac-ft/yr) c/
1990	560,019	130,000
2010	677,429	160,000
2040	913,637	197,000 d/

a/ Source: Nueces River Basin Regional Water Supply Planning Study Phase - I.
b/ TWDB Low Population Series.
c/ "Probable Case" Future Water Demand Scenario.
d/ Estimated 2040 system firm annual yield without additional B&E releases.

The monthly demand distribution used to distribute the annual demand is shown in Table 3-2.

Table 3-2
Monthly Distribution Factors of Annual Municipal and Industrial Demands a/

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.0724	0.0664	0.0805	0.0843	0.0872	0.0905	0.1026	0.1025	0.0838	0.0814	0.0745	0.0739

a/ Source: Nueces River Basin Regional Water Supply Planning Study Phase - I.

3.2.3 Drought Management

3.2.3.1 Drought Management Operation Triggers

Determination of drought condition water conservation demand and bay and estuary release reduction triggers were predicated on the preservation of a system yield necessary to meet drought condition M&I demands. During Water Conservation Condition III, M&I withdrawals will be reduced to approximately 83% of non-drought period demands. This reduces the current (1990) 130,000 ac-ft/yr M&I demand to 108,000 ac-ft/yr and the 2040 maximum demand from 197,000 ac-ft/yr to 163,500 ac-ft/yr.

LCC controls approximately 70% of the total Nueces Basin drainage area and approximately 75% of the total flows derived from the Nueces Basin. Thus, it is expected that LCC is a more efficient impoundment than CCR in terms of the amount of storage required to produce one ac-ft of firm annual yield (FAY). Taken by itself, LCC requires approximately 2.35 ac-ft of storage per ac-ft of FAY, while the CCR/LCC system requires on the order of 4.23 ac-ft of storage per ac-ft of FAY (both computed under current sediment accumulation conditions).

As a worst-case scenario, it can be assumed that the system is being operated in such a manner as to keep as much water as possible in LCC with additional water stored in CCR. Under this scenario, it would take approximately 2.35 times the drought Condition III M&I demand of 108,000 ac-ft or 253,800 ac-ft of storage to protect the yield necessary to meet a 1990 Drought Condition III M&I requirement. This represents approximately 27% (253,000 ac-ft) of the total system storage of 940,000 ac-ft. Operation of the system in Phase IV, as proposed under the IORs, would increase the efficiency of the system, which would result in an additional degree of safety. However, as CCR controls runoff from only 30% of the total system, the additional margin of safety would be relatively small.

By the year 2040, the total available storage of the system will be reduced by sediment deposition to approximately 852,000 ac-ft. In addition, the unit storage requirement per unit FAY will have risen to a factor of 5.20, because the entire system will be utilized. Thus, it will require 707,990 ac-ft of system storage to protect the yield necessary to meet a year 2040 Drought Condition III M&I demand of 163,500 ac-ft/yr (calculated as 197,000 ac-ft x 0.83).

Figure 3-2 shows the total system storage trigger levels at which voluntary (Condition I) water conservation measures are instituted, the first level of release reductions (Condition II) at which releases to Nueces Bay from LCC are reduced by 50%, and Condition III at which releases would be suspended. Sediment deposition and yield reductions per unit storage reduction are not linear functions. Thus minor variations in the percent of storage necessary to maintain a drought condition yield, from the straight line function shown in Figure 3-2, is expected.

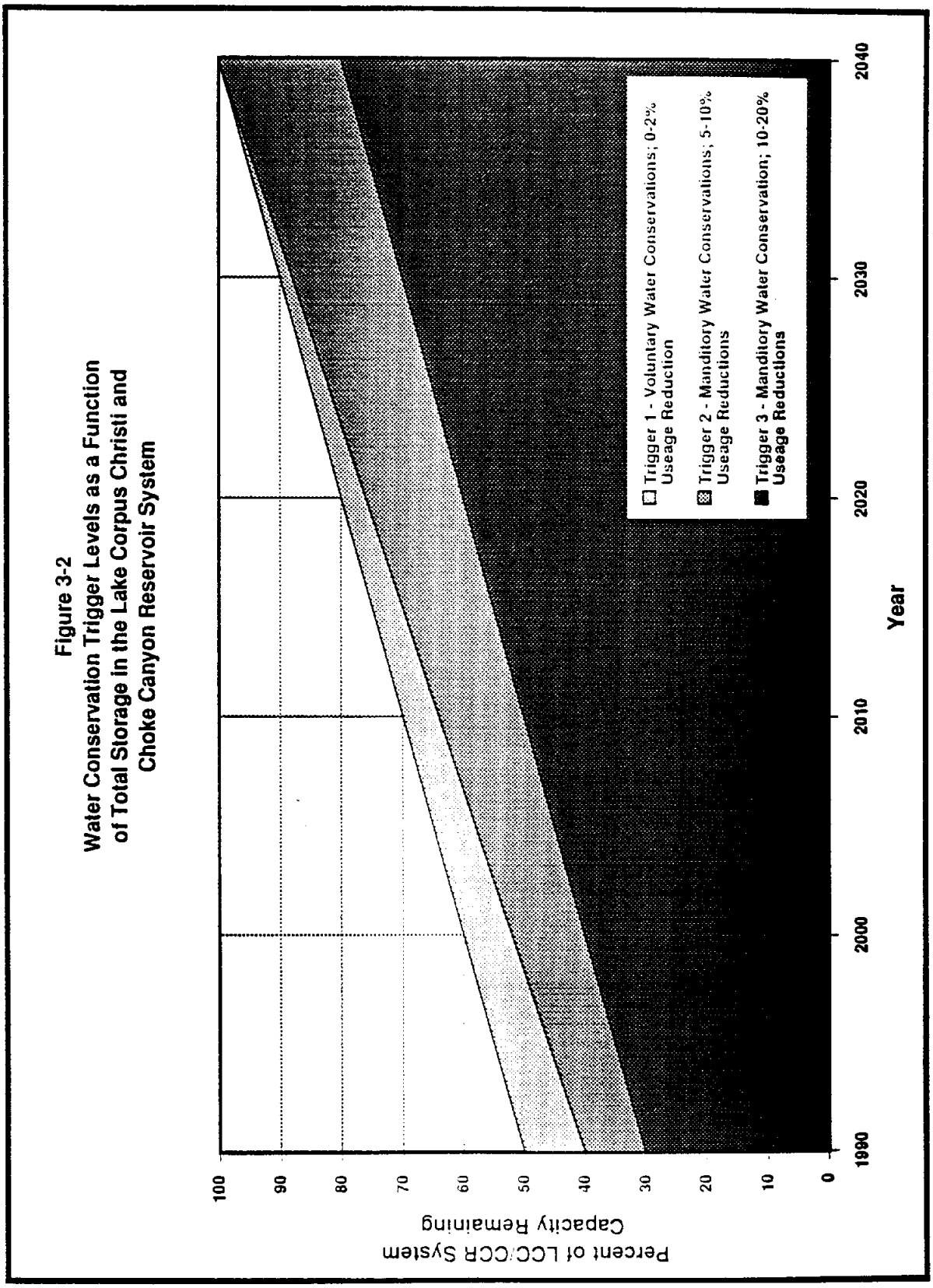


Figure 3-2
Water Conservation Trigger Levels as a Function of Total Storage in the Lake Corpus Christi and Choke Canyon Reservoir System

Trigger Level 3 (that level at which B&E releases are suspended) was set at the volume of storage necessary to protect a drought condition FAY. Trigger Level 2 (that level at which B&E releases are reduced by 50%) was set at 1.5 times the drought condition FAY. For 1990 conditions, Trigger Level 2 is 40% of total storage. For 2040 conditions, Trigger Level 2 is 1.22 times the total available storage in the system. Thus, it is apparent that the margin of safety afforded by the two levels of operation will be exhausted well in advance of full development of the 197,000 ac-ft/yr projected 2040 full-capture operation firm annual yield. In addition, it is likely that before the year 2040 the LCC/CCR system will be perpetually operated at some level of water conservation.

3.2.3.2 Drought Condition M&I Demand Reductions

The COCC currently has a drought management policy that calls for voluntary and mandatory reductions in municipal and industrial water use keyed to total storage in the CCR/LCC system.

Commensurate with drought condition reductions to required releases for inflows to Nueces Bay are the implementation of drought management M&I use reductions. Drought management conditions will also be implemented through percent-of-capacity storage triggers, which will increase in the future. Management triggers listed below are for 1990 M&I demand and sediment accumulation:

- In any month when the water impounded in the CCR/LCC System is less than 50% but greater than or equal to 40% of capacity, a voluntary water conservation plan (Condition I) will be implemented with the goal of reducing M&I water consumption by 2%.

- In any month when the water impounded in the CCR/LCC System is less than 40% but greater than or equal to 30% of capacity, a mandatory water conservation plan (Condition II) will be implemented with the goal of reducing M&I water consumption by 5% during winter months (November-February) and 10% in summer months (March-October).

- In any month when the water impounded in the CCR/LCC System is less than 30% of capacity, a mandatory water conservation plan (Condition III) will be implemented with the goal of reducing M&I water consumption by 10% during winter months (November-February) and 20% in summer months (March-October).

For modeling purposes, those reductions have been assigned as shown in Table 3-3.

Table 3-3
Reductions to Municipal and Industrial Demands of the Choke Canyon Reservoir / Lake Corpus Christi System by Water Conservation Management Condition

	M&I Drought Demand Reductions (%) a/					
	Condition I b/		Condition II c/		Condition III d/	
Month	Winter	Summer	Winter	Summer	Winter	Summer
January	0-2		5		10	
February	0-2		5		10	
March		0-2		10		20
April		0-2		10		20
May		0-2		10		20
June		0-2		10		20
July		0-2		10		20
August		0-2		10		20
September		0-2		10		20
October		0-2		10		20
November	0-2		5		10	
December	0-2		5		10	
Average	0-2		8.3		16.7	

a/ Municipal and industrial demand reductions assumed equally applied to all system users.
b/ Condition I Water Conservation - voluntary reductions.
c/ Condition II Water Conservation - mandatory reductions.
d/ Condition III Water Conservation - mandatory reductions.

3.2.4 B&E Freshwater Inflow Requirements

The negotiated IORs proposed by the TAC members for application during the next five years contain two separate but connected sets of B&E inflow requirements. The first set of inflow requirements addresses flows to Nueces Bay; the second set addresses flows to the Nueces Estuary. For the proposed term of the IORs, the TAC suggests that the minimum inflows to the Nueces Bay shall be at least 97,000 ac-ft/yr, and that such flows shall be comprised of reservoir releases, spills and return flows, regardless of origin. This flow represents the minimum annual flows to the Nueces Estuary system that would produce at least 80% of the maximum historical harvest of selected finfish and shellfish species (TWDB, 1991). In addition, a second set of requirements suggests that flows to the Nueces Estuary shall total at least 151,000 ac-ft/yr, derived from the same sources.

During drought periods, the negotiated IORs contain provisions for reductions to B&E releases that are tied to concomitant reductions in M&I withdrawals. The first proposed level of reduction amounts to a 50% decrease in the monthly quantities of water to be released for B&E maintenance. The second level of reduction eliminates mandatory releases to Nueces Bay.

The following are the freshwater inflow requirements of Nueces Bay and the Nueces Estuary, negotiated by the TAC and agreed to by all parties. Inflow requirements are adjusted for drought conditions. Those adjustments are triggered by current CCR/LCC System water storage, as a function of percent capacity, and are designed to protect the FAY of the system under current M&I demand and sediment accumulation conditions. In the future, when M&I demand increases and system capacity decreases as a result of sediment accumulation, release adjustment trigger levels will increase.

- The CCR/LCC System shall provide not less than 151,000 ac-ft/yr for the estuaries through a combination of LCC releases and spills and return flows to Nueces and Corpus Christi Bays and other receiving estuaries.

- At least 97,000 ac-ft/yr of freshwater is to be delivered to Nueces Bay and/or Rincon Bayou area by a combination of LCC releases and spills as well as diversions and return flows. The remaining amount, consisting of return flows other than to Nueces Bay and/or Rincon Bayou, may be delivered to Corpus Christi Bay and other receiving estuaries.

- In any month when the water impounded in the CCR/LCC System is less than 40% but greater than or equal to 30% of capacity, required releases for inflows to Nueces Bay may be reduced by 50%.

- In any month when the water impounded in the CCR/LCC System is less than 30% of capacity, required releases for inflows to Nueces Bay may be suspended.

Normal operation and conservation B&E release are shown in Table 3-4.

Table 3-4
Normal and Drought Condition Nueces Bay Inflow Requirements

Month	Required Nueces Bay Inflows by Drought Condition (ac-ft/mo)			
	Normal	Condition I a/	Condition II b/	Condition III c/
January	2,500	2,500	1,250	0
February	2,500	2,500	1,250	0
March	3,500	3,500	1,750	0
April	3,500	3,500	1,750	0
May	23,500	23,500	11,750	0
June	23,000	23,000	11,500	0
July	4,500	4,500	2,250	0
August	5,500	5,500	2,750	0
September	11,500	11,500	5,750	0
October	9,000	9,000	4,500	0
November	4,000	4,000	2,000	0
December	4,500	4,500	2,250	0
Annual	**97,000**	**97,000**	**48,500**	**0**

a/ Condition I Water Conservation - voluntary reductions - no reduction to B&E releases
b/ Condition II Water Conservation - mandatory reductions - 50% reduction to B&E releases.
c/ Condition III Water Conservation - mandatory reductions - suspension of B&E releases.

3.2.5 Spills Banking

Biologists agree that B&E inflow requirements are seasonal goals rather than rigid monthly requirements. Even the typically accepted seasonal boundaries do not adhere to the rigid monthly demarcations of the Julian Calendar. In an effort to accommodate the spirit of seasonal freshwater inflow goals, while adding flexibility to the previously adhered to monthly distributions, the concept of "spills banking" was conceived. The logic behind spills banking is explained through the example in the following paragraphs.

As an example, assume that the total B&E freshwater inflow requirement of month "**a**" is 15,000 ac-ft, and that in the following month "**b**" the inflow requirement of 10,000 ac-ft. Suppose that during month "**a**", dedicated LCC B&E releases plus return flows equal 5,000 ac-ft; and, through a significant late-month storm, uncontrolled spills equal 20,000 ac-ft. The total B&E inflow of month "**a**" will be 25,000 ac-ft. This is enough inflow to satisfy the requirements of both months "**a**" and "**b**".

Studies have shown that the salinity influence of high freshwater inflow events tends to carry over into subsequent month (TWDB, 1985). High inflow events in one month often result in reduced salinities in subsequent months. Thus, the 25,000 ac-ft total B&E freshwater inflow in month "**a**" may, in fact, satisfy

the salinity inflow requirements of both months "**a**" and "**b**". In this case, an additional release of 10,000 ac-ft of freshwater in month "**b**" may be of little or no beneficial use. The release may, in fact, depress salinities below desired levels. Therefore, the following spills banking provision was developed:

> If the total B&E freshwater inflow (the sum of releases, spills and return flows) in a given month exceeds that month's goal, the excess can be credited to a subsequent month up to 50% of that subsequent month's inflow requirement.

3.2.6 Sediment Accumulation

As part of the Nueces River Basin Regional Water Supply Planning Study - Phase I, revised current and projected sediment accumulation estimates were developed for both CCR and LCC (HDR, 1991). Current condition (year 1990) and projected 2010 and 2040 elevation/area/capacity relationships for both CCR and LCC are shown in Table 3-5. The total reduction expected in CCR storage due to sediment is expected to be approximately 2%. However, the projected year 2040 reduction in LCC volume is expected to be 26%. Thus, the future efficiency of the system will be significantly reduced because of LCC sediment accumulation.

Table 3-5
Elevation-Area-Capacity Relationships
For Lake Corpus Christi and Choke Canyon Reservoir
1990, 2010, and 2040 Sediment Accumulation Scenarios

Lake Corpus Christi (LCC)							Choke Canyon Reservoir (CCR)						
Elevation Ft. (MSL)	Area (Acres)			Capacity (Ac-Ft)			Elevation Ft. (MSL)	Area (Acres)			Capacity (Ac-Ft)		
	1990	2010	2040	1990	2010	2040		1990	2010	2040	1990	2010	2040
94	19,251	19,251	19,251	237,473	212,353	174,673	220.5	25,733	25,733	25,733	689,314	684,774	677,964
90	16,635	15,565	13,682	165,601	141,908	106,739	220.0	25,398	25,361	25,305	676,529	671,996	665,195
86	13,674	12,523	10,496	104,982	85,731	58,380	215.5	22,424	22,344	22,224	556,937	552,690	546,320
82	8,467	7,370	5,441	60,700	45,944	26,505	210.0	20,046	19,955	19,819	451,088	447,267	441,537
78	5,565	4,587	2,866	32,636	22,027	9,885	205.0	17,499	17,406	17,266	347,365	354,004	348,962
74	3,292	2,464	1,077	14,920	7,919	2,127	200.0	15,056	14,965	14,828	275,894	272,993	268,641
70	1,206	541	0	5,924	190	0	195.0	12,417	12,331	12,202	207,399	204,940	201,252
66	689	188	0	2,133	434	0	190.0	10,311	10,231	10,111	150,656	148,613	145,548
62	163	0	0	427	0	0	185.0	8,062	7,990	7,881	105,322	103,660	101,166
58	10	0	0	80	0	0	180.0	6,235	6,171	6,075	69,195	67,874	65,892
54	7	0	0	46	0	0	175.0	4,374	4,318	4,234	42,828	41,807	40,275
50	0	0	0	0	0	0	170.0	2,890	2,843	2,772	24,699	23,935	22,790
46	0	0	0	0	0	0	165.0	1,731	19,693	1,634	13,345	12,796	11,973
							160.0	910	879	832	6,708	6,334	5,772
							155.0	451	427	392	3,415	3,177	2,818
							150.0	294	278	252	1,595	1,456	1,248
							145.0	107	96	79	656	586	481
							140.0	76	69	60	213	185	142
							135.0	8	5	2	36	29	18
							130.0	4	0	3	6	0	5
							127.0	0	0	0	0	0	0

Source: HDR Engineering, Inc., "Regional Water Supply Planning Study - Phase I Nueces River Basin"

4.0 CONDITIONAL PROBABILITY MODEL (CPM) DEVELOPMENT

Development and application of the Conditional Probability Model (CPM) was directed by the Technical Advisory Committee (TAC), which is comprised of members of state and federal regulatory agencies, concerned citizens groups, the Nueces River Authority (NRA), and the City of Corpus Christi (City). This study was jointly funded by the Texas Water Development Board (TWDB) and the City to assist the TAC. Conditions of the existing Lake Corpus Christi/Choke Canyon Reservoir (LCC/CCR) operation permits, as well as the current Texas Water Commission (TWC) Interim Order, were modified in accordance with the goals and objectives of the TAC members and have been applied to the LCC/CCR system. Figure 4-1 depicts the study area.

4.1 Background

The first calculations of storage yields were developed by Ripple in 1883. Ripple's calculations were based on historically recorded annual and sub annual flow sequences over a time interval. Ripple assumed that the proposed impoundment was a topless container. By starting with an empty reservoir and plotting residuals (cumulative inflows minus diversions and releases) then performing a backward sequential search, he determined the minimum storage that would furnish a desired annual yield without failure during the simulation period. Ripple's method assumes that the historical data used includes the period where the flows into the reservoir have caused the maximum draw down that the reservoir will ever experience.

Stupecky (1909) modified the Ripple diagram by assuming that the proposed impoundment was initially full and bottomless and plotted a residual mass curve. He also searched backwards to achieve similar results. Hazen (1914) further modified the Ripple approach by using only the portion of the mass curve corresponding to the storage fluctuations in a reservoir constrained from above. This approach required only that the maximum deviation from full be selected as the impoundment size required to deliver the desired annual yield.

The most widely used model for calculating reservoir firm yield in Texas today is the Reservoir Operating and Quality Routing Program (RESOP-II). RESOP-II is a permutation and extension of the Ripple residual mass curve concept. RESOP-II can be used to determine the firm annual yield from a single existing or proposed impoundment or to determine an impoundment size required to produce a desired firm annual yield.

RESOP-II is designed to simulate the hydrodynamics and conservative material transport of a single proposed or existing reservoir. RESOP-II uses historical flow data to simulate the operation of a proposed or existing impoundment with municipal, industrial, or agricultural drafts; upstream spills; downstream

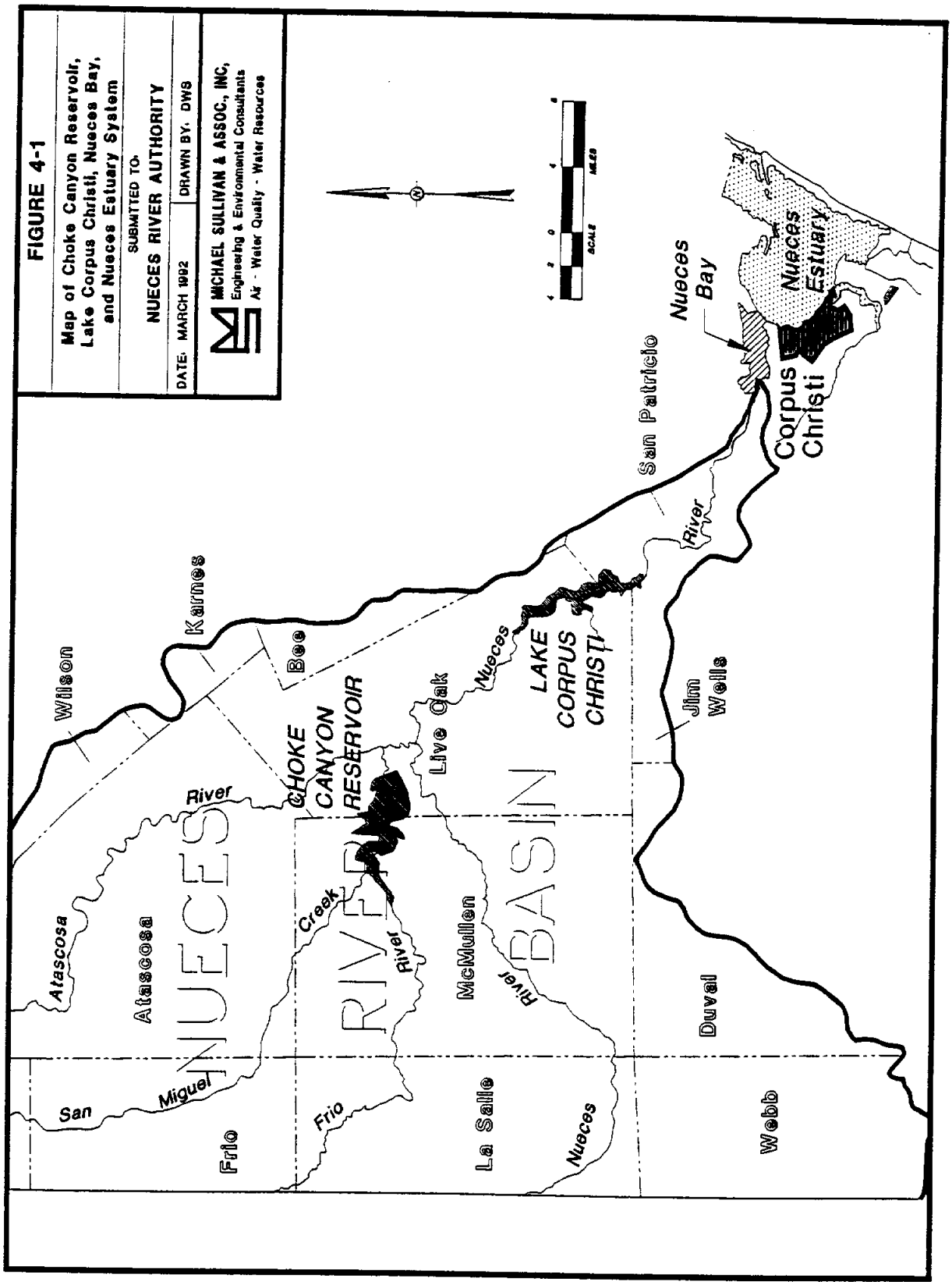


FIGURE 4-1
Map of Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and Nueces Estuary System
SUBMITTED TO:
NUECES RIVER AUTHORITY
DATE: MARCH 1992
DRAWN BY: DWS
MICHAEL SULLIVAN & ASSOC., INC,
Engineering & Environmental Consultants
Air - Water Quality - Water Resources
N
SCALE
Nueces Bay
Nueces Estuary
Corpus Christi
San Patricio
Nueces River
Lake Corpus Christi
Choke Canyon Reservoir
Live Oak
Bee
Karnes
Wilson
Jim Wells
Duval
Webb
La Salle
McMullen
Frio
Atascosa
Nueces River Basin
Frio River
Atascosa River
San Miguel Creek

controlled and uncontrolled releases. The model implicitly assumes that future hydrologic conditions will flow in the same quantitative and temporal patterns of the historical data. Therefore, results may not be extrapolated to conditions that are not representative of the historical events occurring in the basin. The model requires the simulated flow data to be continuous i.e. no breaks in the historical flow records. The model is sometimes classified as a critical period model because it calculates the yield during the time period between the maximum draw down period and a full impoundment. The model can provide for operating constraints that may require continuous or period downstream releases, and the system may be operated in a full-capture mode where all downstream releases are assumed the results of controlled or uncontrolled flood spills.

The essence of the RESOP-II model is the mass balance equation:

$$S_i = S_{i-1} + Q_i + s_i - \frac{E_i + E_{i-1}}{2} - D_i - T_i$$

where:

S_i = End-of-month storage for month i in acre-feet,

Q_i = Total tributary inflow for month i in acre-feet,

s_i = Upstream spill inflows (if an upstream reservoir is present) for month i in acre-feet,

E_i = Net Monthly lake evaporation (gross monthly lake evaporation - total effective precipitation) for month i in acre-feet,

D_i = Total demand diversions (municipal, industrial, etc.) for month i in acre-feet, and

T_i = Downstream spills (controlled and uncontrolled) for month i in acre-feet.

RESOP-II starts by assuming a low safe yield. The default value is 10% of the inflow. It then routes the historical flows through the mass balance equation to produce end of month reservoir levels for all months in the period of record. The program then calculates the critical period. The critical period is the number of months from the last spill to maximum draw down. The model then calculates a safe amount to increment the estimate of the safe yield. This amount is called the increment of yearly demand. It is calculated by the smallest end-of-month storage, minus the minimum pool of the reservoir, divided by the number of months in the critical period. This figure is added to the estimated safe yield. A new critical period is then calculated and the procedure from there is repeated. After a number of cycles through the procedure, the estimated safe yield is slowly increased. The cycle is stopped when the smallest end-of-month reservoir level minus the minimum reservoir pool, divided by the usable content of the reservoir is less than or equal

to a tolerance value, generally 0.0001. The last iteration is defined to be the firm annual yield of the reservoir.

The advantages of RESOP-II are that (1) it is a simple procedure to program, (2) the continuous operation of the model automatically accounts for serial correlation that maybe present within the data, and (3) the time base is only limited by the years of available data. Disadvantages of the model include: (1) the model must have continuous data, missing data must be interpolated; (2) the model assumes that the flows will repeat themselves in the same sequence and intensity; (3) the model assumes that your maximum drought is contained in your period of record; (4) the model is only concerned with the safe yield of the reservoir; it does not tell you the frequency or severity of spills, and (5) it does not optimize yield of multi-reservoir systems, in that spills from up basin reservoirs are treated as input information.

Conditional Probability Analysis (CPA), as it is applied to reservoir design and operation, is a mechanism for determining a safe yield from a reservoir, or reservoir system, that is independent of long-string historical hydrologic sequences. In the 1950s, Australians began developing a method for determining the safe or firm yield from their reservoirs using methods that do not rely on long-string historical hydrologic sequences. That method is Conditional Probability Analysis. Australia's climate is dominated by frequent long-term droughts. The severity and duration of those droughts varies widely. Most reservoirs in Australia are managed on a fill-and-draw type operation. Impoundments are filled as a result of one of the relatively infrequent intense storms which produce large quantities of runoff. The users of the stored water draw on the system over the long rainless drought which usually follows. Conditional Probability Analysis has served well in the design and operation of this type of system and is particularly suited to the Nueces River Basin, which is also subjected to relatively frequent droughts of varying severity and duration, and periodic large rainfall events, which can result from normal weather patterns or hurricanes.

Conditional Probability Analysis like RESOP-II uses historical data, but the data need not be continuous. With Conditional Probability Analysis, the modeler must check for serial correlation in the data. Conditional Probability Analysis has the advantages that: (1) the model does not assume that flows will repeat themselves in the same sequence and intensity, (2) the model produces information on the frequency of available water above the safe yield, (3) the model produces information on frequency and severity of spills, (4) and it is suitable for multiple reservoir systems.

4.2 Underlying Model Assumption

Conditional Probability Analysis does not completely alleviate the dependence on historical hydrologic sequences. Indeed, it has been demonstrated that there exists intra-year serial correlation in most hydrologic records throughout the state. Rainfall fluctuations tend to follow the same monthly patterns, with major variations in amounts, from year to year. Most records do not, however, demonstrate annual serial

correlation. Each year's hydrology is relatively independent of every other year's hydrology. Thus, each year of historical hydrology has the same statistical probability of occurrence as every other year. This hydrologic annual independence forms a basis for Conditional Probability Analysis.

4.3 Model Function

4.3.1 Model Segmentation

Conditional Probability Analysis starts with a reservoir, or reservoir system, and divides the impoundment(s) into vertical segments of equal volume (Figure 4-2). In the case of the CCR/LCC system, the approximate 990,000 ac-ft of available year 1990 storage is divided into 33 vertical slices (called Zones) with each zone containing 30,000 ac-ft of available storage. Note that the zones are thicker near the bottom of the reservoir. This is because there is less horizontal area and more depth is required to contain the same volume of storage. In the case of LCC, water stored in Zone 1 cannot be physically removed from the system without mechanical pumping. Therefore, Zone 1, for present condition analysis represents the totally empty condition.

4.3.2 Behavioral Routing

Behavioral routing includes taking all inflows to an impoundment (usually river flows), all outflows from the impoundment (usually operational releases and uncontrolled spills), plus direct rainfall and evaporation, and performing a water balance to determine a change in storage. Monthly sequential application of these procedures, using the end-of-month storage from one month as the start-of-month storage for the next month, is called **behavioral routing**.

In the case of the CCR/LCC system, inflows to CCR come from the Frio River, Sabinal River, Seco Creek, Hondo Creek, and San Miguel Creek. Outflows from CCR can result from operational releases prescribed by an established operating procedure or uncontrolled spills, which occur when inflows exceed the available storage. Direct rainfall contributions and evaporative losses are a function of the surface area of the impoundment at a particular level of storage.

Inflows to LCC come from the Nueces and Atascosa Rivers plus operational or uncontrolled releases from the CCR. There is not, however, a one-to-one correlation between CCR releases/spills and LCC inflows, as the stretch of the river between the two reservoirs is called a losing segment, meaning that there are significant water losses to underground flow from the river channel bottom. Outflows from LCC include municipal and industrial diversions (for the City of Corpus Christi, the South Texas Water Authority, San Patricio County, and others), permitted downstream irrigation right releases, uncontrolled spills, and designated bay and estuary releases, if any. Again, the stretch of the Nueces River between LCC and the

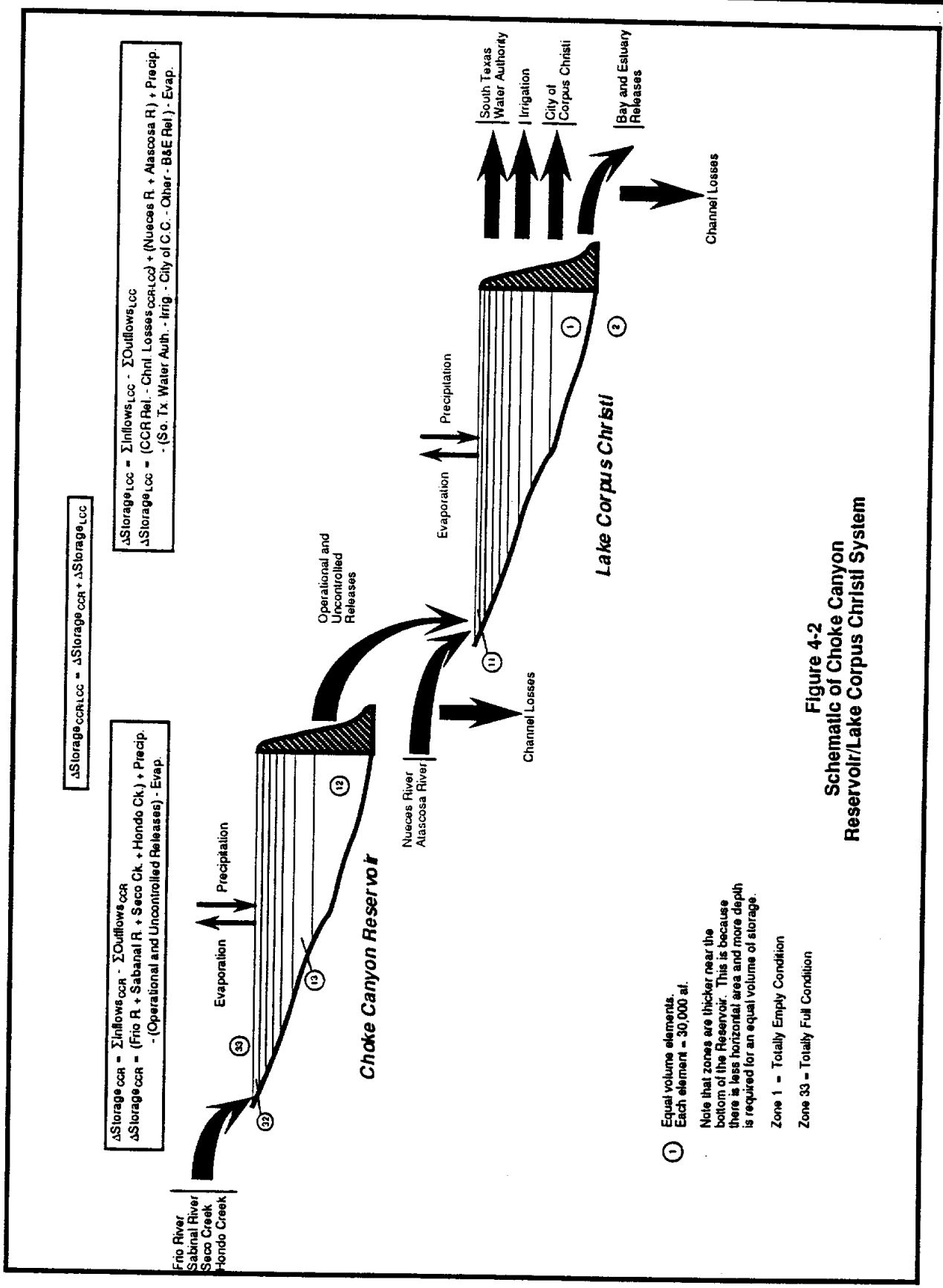


Figure 4-2
Schematic of Choke Canyon
Reservoir/Lake Corpus Christi System

Nueces Bay is a losing segment. Thus, all of the water released from LCC does not make it to Nueces Bay.

4.3.3 Model Operation

As described in Section 4.1, CPA attempts to disaggregate historical flow sequences into independent annual strings of monthly flows, each with the same probability of occurrence in any given year. Starting with the first zone, Zone 1, each year of hydrodynamic data is individually behaviorally routed through the system, obeying all operational rules and constraints with withdrawals of prescribed (desired) quantities for municipal and industrial (M&I) uses and bay and estuary (B&E) requirements, if any (Figure 4-3). Because the annual sequences of hydrology are linearly independent, the order that the years are routed through the system is immaterial.

With each year of routing, two statistics are noted; first, the end-of-year storage zone (i.e., the zone in which the reservoir water surface resides at the end of the year) and second, the number of times (months) during the simulation year that the system was unable to deliver either the full requested M&I demand or the required B&E releases. The system must therefore supply both the M&I demand and the B&E requirements, or be deemed a "failure". The model algorithms assume that as much of the M&I and B&E demands will be met as possible with available stored water. Because of daily operational uncertainties, deficits are split equally between M&I and B&E releases.

The system is then moved to beginning-of-year starting Zone 2 and again each year of hydrologic data is routed through the system and the end-of-year storage zone and failures are recorded. This procedure is repeated for each starting zone until a system-full condition is reached.

The sequential application of this CPA procedure produces two matrices. One matrix is an array of end-of-year storage zone frequencies as a function of start-of-year zone. The other matrix is an array of the number of failures as a function of starting zone (also shown in Figure 4-4). Each element of the Start Zone/End Zone (**[S/E]**) Matrix, $E_{a,b}$, is the number of times that the behavioral routing resulted in a particular end-of-year storage (b), as a function of start-of-year storage (a). Each element of the Failure (**[Failure]**) Matrix is the number of months during the entire period of record (POR) routed through the system that there was insufficient storage to meet both the M&I Demands and B&E Requirements, F_a, as a function of starting zone (a).

As constructed, the **[S/E]** and **[Failure]** matrices merely describe the response of the system to a given number of hydrologic sequences, desired M&I withdrawals and B&E releases. They are of little use as a management or design tool. Dividing each of the elements of the **[S/E]** Matrix by the number of years routed through the system results in the probability that any given year will end in a particular storage zone

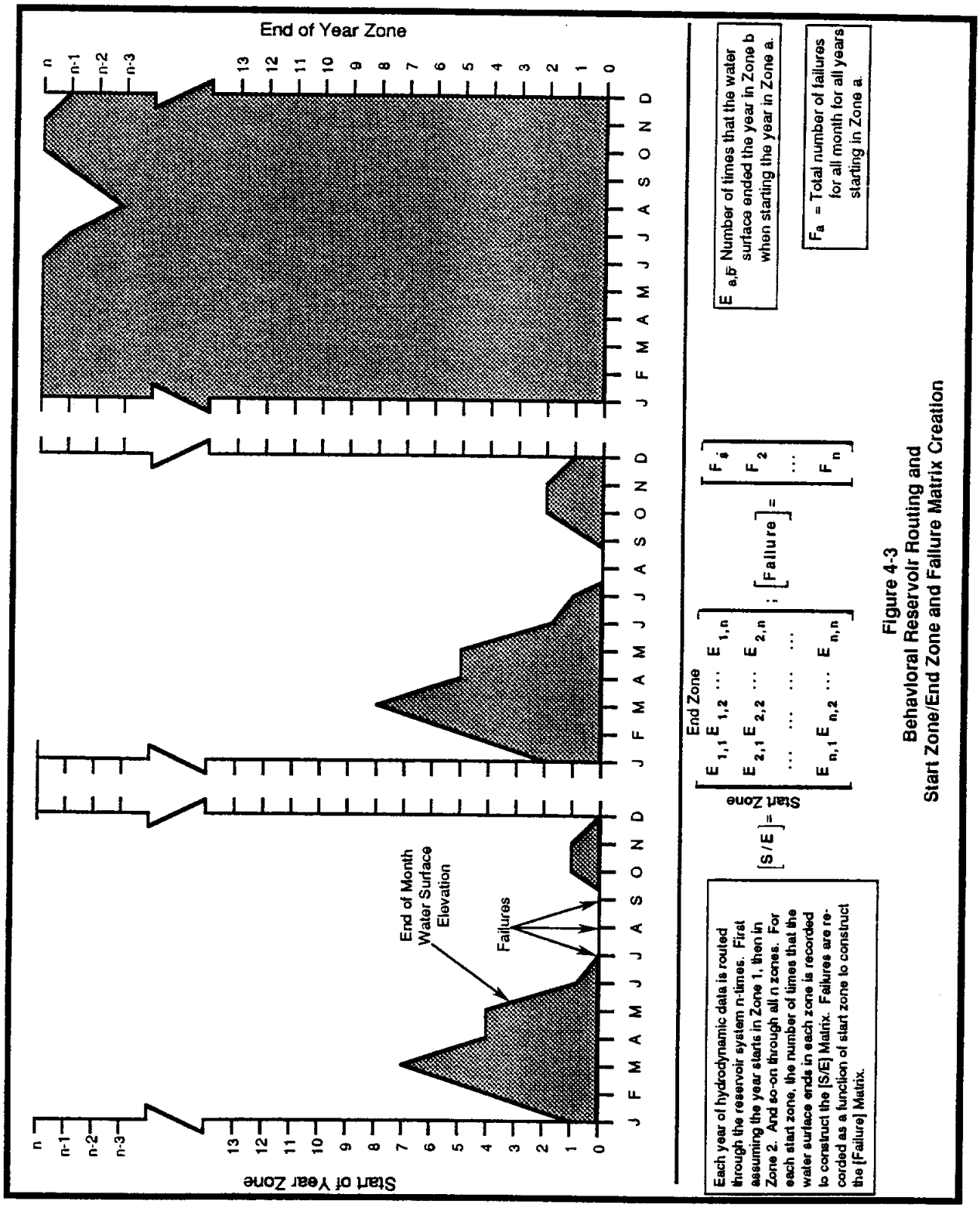


Figure 4-3
Behavioral Reservoir Routing and
Start Zone/End Zone and Failure Matrix Creation

$$[T] = \begin{bmatrix} \frac{E_{1,1}}{\#yrs} & \frac{E_{1,2}}{\#yrs} & \frac{E_{1,3}}{\#yrs} & \frac{E_{1,4}}{\#yrs} & \cdots & \cdots & \frac{E_{1,n-1}}{\#yrs} & \frac{E_{1,n}}{\#yrs} \\ \frac{E_{2,1}}{\#yrs} & \frac{E_{2,2}}{\#yrs} & \frac{E_{2,3}}{\#yrs} & \frac{E_{2,4}}{\#yrs} & \cdots & \cdots & \frac{E_{2,n-1}}{\#yrs} & \frac{E_{2,n}}{\#yrs} \\ \frac{E_{3,1}}{\#yrs} & \frac{E_{3,2}}{\#yrs} & \frac{E_{3,3}}{\#yrs} & \frac{E_{3,4}}{\#yrs} & \cdots & \cdots & \frac{E_{3,n-1}}{\#yrs} & \frac{E_{3,n}}{\#yrs} \\ \frac{E_{4,1}}{\#yrs} & \frac{E_{4,2}}{\#yrs} & \frac{E_{4,3}}{\#yrs} & \frac{E_{4,4}}{\#yrs} & \cdots & \cdots & \frac{E_{4,n-1}}{\#yrs} & \frac{E_{4,n}}{\#yrs} \\ \cdots & \cdots & \cdots & \cdots & \cdots & \cdots & \cdots & \cdots \\ \cdots & \cdots & \cdots & \cdots & \cdots & \cdots & \cdots & \cdots \\ \frac{E_{n-1,1}}{\#yrs} & \frac{E_{n-1,2}}{\#yrs} & \frac{E_{n-1,3}}{\#yrs} & \frac{E_{n-1,4}}{\#yrs} & \cdots & \cdots & \frac{E_{n-1,n-1}}{\#yrs} & \frac{E_{n-1,n}}{\#yrs} \\ \frac{E_{n,1}}{\#yrs} & \frac{E_{n,2}}{\#yrs} & \frac{E_{n,3}}{\#yrs} & \frac{E_{n,4}}{\#yrs} & \cdots & \cdots & \frac{E_{n,n-1}}{\#yrs} & \frac{E_{n,n}}{\#yrs} \end{bmatrix} ; \quad [S] = [T]^5 = \begin{bmatrix} S_{1,v} \\ S_{2,v} \\ S_{3,v} \\ S_{4,v} \\ \cdots \\ \cdots \\ S_{n-1,v} \\ S_{n,v} \end{bmatrix} ; \quad [\text{Failure}] = \begin{bmatrix} \frac{F_1}{\#mos} \\ \frac{F_2}{\#mos} \\ \frac{F_3}{\#mos} \\ \frac{F_4}{\#mos} \\ \cdots \\ \cdots \\ \frac{F_{n-1}}{\#mos} \\ \frac{F_n}{\#mos} \end{bmatrix}$$

$$[P_{Failure}] = [(S_a)(Failure_a)] = \begin{bmatrix} (S_{v,1}) \times (Failure_1) \\ (S_{v,2}) \times (Failure_2) \\ \cdots \\ (S_{v,n}) \times (Failure_n) \end{bmatrix}$$

$$P_{Failure} = \sum_{1}^{n} \{[(S_{v,n})(Failure_n)]\}$$

[T] =	Transition Matrix
[S]	Steady-State Matrix
[Failure]	Failure Matrix
[PFailure]	Conditional Probability of Failure Matrix
[PFailure]	System Conditional Probability of Failure

Figure 4-4
Transitional and Steady-State Matrix Development
Probability of Failure Determination

as a function of each start-of-year storage zone. This new matrix is referred to as a Transition Matrix, [T]. But, this information is also only of anecdotal value. Dividing each element of the **[Failure]** Matrix by the number of months routed through the system yields the probability of a "failure" in any given month of any given year if that year is started in a particular storage zone. This information is of significant value as a management tool.

However, if the [T] Matrix is multiplied by itself a number of times (usually five) using matrix algebra (called powering-up), a curious thing happens, the columns of the [T] Matrix become identical. Each column of the new matrix, called the Steady-State Matrix ([S]), is the probability that any given year will be started in a particular storage zone. If the probability of starting any year in a particular storage zone is known and the probability of failure during any given month if a year is started in that zone is known, this information can be combined to form a valuable management tool for the system.

The arithmetic product of each element of the **[S]** Matrix elements times each element of the **[Failure]** Matrix results in the conditional probability of failure (CPF) for each zone, and the sum of the conditional probabilities for each zone is the CPF for the reservoir system (Figure 4-5).

The "condition" is starting a year in a particular storage zone. The probability of that condition is derived by the **[S]** matrix. With each condition there is an associated probability of failure. The product of those probabilities is the CPF for that zone.

4.4 References

Gould, B.W. "Statistical Methods for Estimating the Design Capacity of Dams." J. Inst. Eng., Aust. 33 (12), p. 405-416.

Klemes, V. "Applied Stochastic Theory of Storage in Evaluation." Advances in Hydroscience, Vol. 12, p. 79-141, 1981.

McMahon, Thomas C. & Mein, Russel G. Reservoir Capacity & Yield. Edited by U.T. Chow Elsevier Scientific Pub. Co. New York, 1978.

Sullivan, Michael P. "A Management Model for Lake Texana & the Lavaca-Navidad River Basin Based on the Freshwater Inflow Needs of the Lavaca-Tres Palacios Estuary", University of Texas at Austin, 1986.

Figure 4-5
Example of Conditional Probability Table
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year If Started in a Specified Zone,
and Total Probability of Failure

Start Zone	P-Start(1) Probability of Starting Any Year in Specified Zone (1)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (2)	P-Fail(1) Product of Probabilities (1) X (2)	Cumulative Product of Probabilities $\sum [(1) \times (2)]$
1	P-Start(1)	Fail(1)	P-Fail(1)	P-Fail(1)
2	P-Start(2)	Fail(2)	P-Fail(2)	P-Fail(1-2)
3	P-Start(3)	Fail(3)	P-Fail(3)	P-Fail(1-3)
4	P-Start(4)	Fail(4)	P-Fail(4)	P-Fail(1-4)
5	P-Start(5)	Fail(5)	P-Fail(5)	P-Fail(1-5)
6	P-Start(6)	Fail(6)	P-Fail(6)	P-Fail(1-6)
7	P-Start(7)	Fail(7)	P-Fail(7)	P-Fail(1-7)
8	P-Start(8)	Fail(8)	P-Fail(8)	P-Fail(1-8)
9	P-Start(9)	Fail(9)	P-Fail(9)	P-Fail(1-9)
10	P-Start(10)	Fail(10)	P-Fail(10)	P-Fail(1-10)
11	P-Start(11)	Fail(11)	P-Fail(11)	P-Fail(1-11)
12	P-Start(12)	Fail(12)	P-Fail(12)	P-Fail(1-12)
13	P-Start(13)	Fail(13)	P-Fail(13)	P-Fail(1-13)
14	P-Start(14)	Fail(14)	P-Fail(14)	P-Fail(1-14)
15	P-Start(15)	Fail(15)	P-Fail(15)	P-Fail(1-15)
16	P-Start(16)	Fail(16)	P-Fail(16)	P-Fail(1-16)
17	P-Start(17)	Fail(17)	P-Fail(17)	P-Fail(1-17)
18	P-Start(18)	Fail(18)	P-Fail(18)	P-Fail(1-18)
19	P-Start(19)	Fail(19)	P-Fail(19)	P-Fail(1-19)
20	P-Start(20)	Fail(20)	P-Fail(20)	P-Fail(1-20)
21	P-Start(21)	Fail(21)	P-Fail(21)	P-Fail(1-21)
22	P-Start(22)	Fail(22)	P-Fail(22)	P-Fail(1-22)
23	P-Start(23)	Fail(23)	P-Fail(23)	P-Fail(1-23)
24	P-Start(24)	Fail(24)	P-Fail(24)	P-Fail(1-24)
25	P-Start(25)	Fail(25)	P-Fail(25)	P-Fail(1-25)
26	P-Start(26)	Fail(26)	P-Fail(26)	P-Fail(1-26)
27	P-Start(27)	Fail(27)	P-Fail(27)	P-Fail(1-27)
28	P-Start(28)	Fail(28)	P-Fail(28)	P-Fail(1-28)
29	P-Start(29)	Fail(29)	P-Fail(29)	P-Fail(1-29)
30	P-Start(30)	Fail(30)	P-Fail(30)	P-Fail(1-30)
31	P-Start(31)	Fail(31)	P-Fail(31)	P-Fail(1-31)
32	P-Start(32)	Fail(32)	P-Fail(32)	P-Fail(1-32)
33	P-Start(33)	Fail(33)	P-Fail(33)	P-Fail(1-33)

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

5.0 CONDITIONAL PROBABILITY MODEL APPLICATION

5.1 CPM Application Scenarios

With the aid of the TAC, an initial 84 possible combinations of sediment accumulation, M&I raw water demands, B&E inflow requirements, and system operation options were distilled down to six simulation scenarios which were designed to evaluate the efficacy of the proposed IORs of the LCC/CCR and Nueces Estuary systems. In addition, three baseline scenarios were selected to demonstrate the full-capture operation of the system through time without the imposition of the IORs or recognition of B&E inflow requirements.

A total of nine simulations were performed to assess the efficacy of the proposed IORs for the period 1990 through 2040 (Table 5-1). The effectiveness of the TAC's proposed IORs were compared against the "no action alternative", i.e., full-capture operation without bay and estuary releases, and against operation with and without the IORs.

5.2 Application Results

5.2.1 Baseline (Full-Capture) Operation Simulation - Runs RO1, RO2, and RO3

Baseline operating conditions assume full-capture operation and maximum utilization of all LCC/CCR inflows for M&I purposes. This operation does <u>not</u> designate any releases from storage or pass through of inflows for B&E maintenance purposes. The maximum year 2040 firm annual yield of the LCC/CCR system without B&E releases is approximately 197,000 ac-ft (Regional Water Supply Planning Study of the Nueces Basin - Phase I, HDR, 1991). Therefore, if operating properly, all baseline Conditional Probability Model simulations up to and including 197,000 ac-ft/yr of M&I demand should result in a cumulative conditional probability of failure of less than or equal to 0.15%, i.e., less than one failure in 672 months (56 years) of simulation. This is demonstrated in Tables 5-2, 5-3 and 5-4, which show the numbers and probabilities of failures, releases and spills for years 1990, 2010, and 2040 baseline operation.

Tables 5-2, 5-3 and 5-4 show the numbers and probabilities of failures, releases and spills, by start-of-year zones for years 1990, 2010 and 2040 baseline operation. The conditional probabilities of failure for those years are shown in Tables 5-5, 5-6 and 5-7. While all three baseline runs show that there would be numerous failures if a year is started in zones 1-7, the probabilities of starting any year at or below zone seven are extremely low. Thus, the product of the probabilities is very low.

The total conditional probability of failure for baseline Run R01 is 0.00%, for Run R02 it is 0.01% and for Run R03 it is 0.20%. The Run R03 conditional probability of failure of 0.20% represents a failure on 1.3 months in the 672 month (56 year) period of record. Given the extreme difference in the Conditional

Table 5-1
Run Log of Nueces Basin Conditional Probability Model Simulations

Run Number	Interim Rules b/ (Y/N)	M&I Demand c/ (ac-ft/yr)	Nueces Bay/Estuary Inflows d/ (ac-ft/yr)	Nueces Bay Return Flows e/ (ac-ft/yr)	Nueces Bay Releases f/ (ac-ft/yr)	Sediment Accum. g/ (yr)
R01	N	130,000	Spill/Return	Spill/Return	Spill/Return	1990
R02	N	160,000	Spill/Return	Spill/Return	Spill/Return	2010
R03	N	197,000	Spill/Return	Spill/Return	Spill/Return	2040
R1	N	130,000	151,000	61,100	89,900	1990
R2	Y	130,000	97,000	5,800	91,200	1990
R3	N	160,000	151,000	75,200	75,800	2010
R4	Y	160,000	97,000	20,000	77,000	2010
R5	N	197,000	151,000	92,600	58,400	2040
R6	Y	197,000	97,000	35,000	62,000	2040

a/ R01-03 are baseline simulations assuming a full-capture operation of the LCC/CCR system; no designated B&E releases. R1-6 are simulations with and without implementation of latest IORs.
b/ N = Interim Operation Rules not in effect; Y = Interim Operation Rules in effect.
c/ Total municipal and industrial water demand placed on LCC/CCR system based on low growth population scenarios and constrained to a maximum of 197,000 ac-ft/yr based on revised FAY estimates.
d/ Total inflows to Nueces Bay or Nueces Estuary consisting of return flows, spills and releases. Spill/Return indicates no designated B&E relesases. Inflow requirements are to Nueces Estuary (@ 151,000 ac-ft/yr) without IORs and to Nueces Bay (@ 97,000 ac-ft/yr) with IOR
e/ Nueces Bay return flows (R2, R4, and R6 initially assumed at current level of 6% of total return flows to the Nueces Estuary. Year 2010 Nueces Bay return flows assumed to include all appropriate return flow sources in the vicinity of the Corpus Christi Ship Channel. Year 2040 Nueces Bay return flows assumed to include all future (new plant) City of Corpus Christi return flows pumped to Nueces Bay. Nueces Estuary return flows (R1, R3 and R5) assumed at 151,000 ac-ft/yr.
f/ Releases from Lake Corpus Christi measured at the U.S.G.S. gage at Calallen.
g/ Sediment accumulation scenario; 1900 sediment accumulation, 2010 sediment accumulation or 2040 sediment accumulation as computed by HDR and published in Phase I Report.

Table 5-2
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = NONE;
1990 Sediment Accumulation; Baseline Conditions)
Run R01

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	179	0	93	0.266	0	0.138
2	3	69	0	94	0.103	0	0.140
3	6	18	0	103	0.027	0	0.153
4	9	3	0	113	0.004	0	0.168
5	13	0	0	127	0	0	0.189
6	16	0	0	143	0	0	0.213
7	19	0	0	159	0	0	0.237
8	22	0	0	168	0	0	0.250
9	25	0	0	193	0	0	0.287
10	28	0	0	194	0	0	0.289
11	31	0	0	194	0	0	0.289
12	34	0	0	194	0	0	0.289
13	38	0	0	194	0	0	0.289
14	41	0	0	194	0	0	0.289
15	44	0	0	194	0	0	0.289
16	47	0	0	194	0	0	0.289
17	50	0	0	194	0	0	0.289
18	53	0	0	194	0	0	0.289
19	56	0	0	194	0	0	0.289
20	59	0	0	194	0	0	0.289
21	63	0	0	194	0	0	0.289
22	66	0	0	195	0	0	0.290
23	69	0	0	195	0	0	0.290
24	72	0	0	196	0	0	0.292
25	75	0	0	196	0	0	0.292
26	78	0	0	196	0	0	0.292
27	81	0	0	196	0	0	0.292
28	84	0	0	197	0	0	0.293
29	88	0	0	198	0	0	0.295
30	91	0	0	199	0	0	0.296
31	94	0	0	201	0	0	0.299
32	97	0	0	206	0	0	0.307
33	100	0	0	206	0	0	0.307

a/ Start of Year Storage Zone.
b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.
c/ Recorded over 672 month period of record.
d/ Number of occurrences divided by 672 month period of record.

Table 5-3
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = NONE;
2010 Sediment Accumulation; Baseline Conditions)
Run R02

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	204	0	87	0.304	0	0.129
2	3	100	0	90	0.149	0	0.134
3	6	36	0	100	0.054	0	0.149
4	10	14	0	112	0.021	0	0.167
5	13	3	0	125	0.004	0	0.186
6	16	1	0	139	0.001	0	0.207
7	19	0	0	153	0	0	0.228
8	23	0	0	169	0	0	0.251
9	26	0	0	174	0	0	0.259
10	29	0	0	176	0	0	0.262
11	32	0	0	176	0	0	0.262
12	36	0	0	176	0	0	0.262
13	39	0	0	176	0	0	0.262
14	42	0	0	176	0	0	0.262
15	45	0	0	176	0	0	0.262
16	48	0	0	176	0	0	0.262
17	52	0	0	176	0	0	0.262
18	55	0	0	176	0	0	0.262
19	58	0	0	176	0	0	0.262
20	61	0	0	176	0	0	0.262
21	65	0	0	176	0	0	0.262
22	68	0	0	176	0	0	0.262
23	71	0	0	177	0	0	0.263
24	74	0	0	179	0	0	0.266
25	78	0	0	179	0	0	0.266
26	81	0	0	179	0	0	0.266
27	84	0	0	180	0	0	0.268
28	87	0	0	181	0	0	0.269
29	90	0	0	181	0	0	0.269
30	94	0	0	183	0	0	0.272
31	97	0	0	183	0	0	0.272
32	100	0	0	188	0	0	0.280

a/ Start of Year Storage Zone.
b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.
c/ Recorded over 672 month period of record.
d/ Number of occurrences divided by 672 month period of record.

Table5-4
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = NONE;
2040 Sediment Accumulation; Baseline Conditions)
Run R03

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	230	0	89	0.342	0	0.132
2	3	133	0	93	0.198	0	0.138
3	7	71	0	100	0.106	0	0.149
4	10	32	0	117	0.048	0	0.174
5	13	14	0	125	0.021	0	0.186
6	17	5	0	138	0.007	0	0.205
7	20	3	0	149	0.004	0	0.222
8	23	1	0	150	0.001	0	0.223
9	27	0	0	150	0	0	0.223
10	30	0	0	150	0	0	0.223
11	33	0	0	150	0	0	0.223
12	37	0	0	150	0	0	0.223
13	40	0	0	150	0	0	0.223
14	43	0	0	150	0	0	0.223
15	47	0	0	150	0	0	0.223
16	50	0	0	150	0	0	0.223
17	53	0	0	151	0	0	0.225
18	57	0	0	151	0	0	0.225
19	60	0	0	151	0	0	0.225
20	63	0	0	152	0	0	0.226
21	67	0	0	153	0	0	0.228
22	70	0	0	154	0	0	0.229
23	73	0	0	154	0	0	0.229
24	77	0	0	154	0	0	0.229
25	80	0	0	154	0	0	0.229
26	83	0	0	154	0	0	0.229
27	87	0	0	154	0	0	0.229
28	90	0	0	157	0	0	0.234
29	93	0	0	161	0	0	0.240
30	97	0	0	164	0	0	0.244
31	100	0	0	164	0	0	0.244

a/ Start of Year Storage Zone.
b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.
c/ Recorded over 672 month period of record.
d/ Number of occurrences divided by 672 month period of record.

Table 5-5
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R01

Start	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.000003	0.000003	0.266369	0.000001	0.000001
2	0.000014	0.000017	0.102679	0.000001	0.000002
3	0.000023	0.000040	0.026786	0.000001	0.000003
4	0.000109	0.000149	0.004464	0.000000	0.000003
5	0.000161	0.000310	0	0	0.000003
6	0.000434	0.000744	0	0	0.000003
7	0.000880	0.001624	0	0	0.000003
8	0.001549	0.003173	0	0	0.000003
9	0.002520	0.005693	0	0	0.000003
10	0.003007	0.008700	0	0	0.000003
11	0.005316	0.014016	0	0	0.000003
12	0.006520	0.020536	0	0	0.000003
13	0.008266	0.028802	0	0	0.000003
14	0.009133	0.037935	0	0	0.000003
15	0.013400	0.051335	0	0	0.000003
16	0.014416	0.065751	0	0	0.000003
17	0.017340	0.083091	0	0	0.000003
18	0.022373	0.105464	0	0	0.000003
19	0.026288	0.131752	0	0	0.000003
20	0.029493	0.161245	0	0	0.000003
21	0.031558	0.192803	0	0	0.000003
22	0.036816	0.229619	0	0	0.000003
23	0.041692	0.271311	0	0	0.000003
24	0.047114	0.318425	0	0	0.000003
25	0.052459	0.370884	0	0	0.000003
26	0.065189	0.436073	0	0	0.000003
27	0.069428	0.505501	0	0	0.000003
28	0.073028	0.578529	0	0	0.000003
29	0.057938	0.636467	0	0	0.000003
30	0.055280	0.691747	0	0	0.000003
31	0.129940	0.821687	0	0	0.000003
32	0.120247	0.941934	0	0	0.000003
33	0.058068	1.000002	0	0	0.000003

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-6
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R02

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.000104	0.000104	0.303571	0.000032	0.000032
2	0.000200	0.000304	0.148810	0.000030	0.000061
3	0.000484	0.000788	0.053571	0.000026	0.000087
4	0.000813	0.001601	0.020833	0.000000	0.000087
5	0.001491	0.003092	0.004464	0.000000	0.000087
6	0.002729	0.005821	0.001488	0.000000	0.000087
7	0.004930	0.010751	0	0	0.000087
8	0.006125	0.016876	0	0	0.000087
9	0.000687	0.017563	0	0	0.000087
10	0.006765	0.024328	0	0	0.000087
11	0.009709	0.034037	0	0	0.000087
12	0.013721	0.047758	0	0	0.000087
13	0.014352	0.062110	0	0	0.000087
14	0.015445	0.077555	0	0	0.000087
15	0.018680	0.096235	0	0	0.000087
16	0.020258	0.116493	0	0	0.000087
17	0.024921	0.141414	0	0	0.000087
18	0.029196	0.170610	0	0	0.000087
19	0.033902	0.204512	0	0	0.000087
20	0.036277	0.240789	0	0	0.000087
21	0.037219	0.278008	0	0	0.000087
22	0.040124	0.318132	0	0	0.000087
23	0.042923	0.361055	0	0	0.000087
24	0.045838	0.406893	0	0	0.000087
25	0.057352	0.464245	0	0	0.000087
26	0.058408	0.522653	0	0	0.000087
27	0.072305	0.594958	0	0	0.000087
28	0.040342	0.635300	0	0	0.000087
29	0.061593	0.696893	0	0	0.000087
30	0.070275	0.767168	0	0	0.000087
31	0.083368	0.850536	0	0	0.000087
32	0.149466	1.000002	0	0	0.000087
*		Capacity of System Reduced by Sediment Accumulation			

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-7
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R03

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.001573	0.001573	0.342262	0.000538	0.000538
2	0.002301	0.003874	0.197917	0.000455	0.000994
3	0.004436	0.008310	0.105655	0.000469	0.001462
4	0.005313	0.013623	0.047619	0.000253	0.001715
5	0.009371	0.022994	0.020833	0.000195	0.001911
6	0.009673	0.032667	0.007440	0.000072	0.001983
7	0.009212	0.041879	0.004464	0.000041	0.002024
8	0.015980	0.057859	0.001488	0.000024	0.002048
9	0.018234	0.076093	0	0	0.002048
10	0.018612	0.094705	0	0	0.002048
11	0.020703	0.115408	0	0	0.002048
12	0.023165	0.138573	0	0	0.002048
13	0.024812	0.163385	0	0	0.002048
14	0.028654	0.192039	0	0	0.002048
15	0.029419	0.221458	0	0	0.002048
16	0.033523	0.254981	0	0	0.002048
17	0.038261	0.293242	0	0	0.002048
18	0.037594	0.330836	0	0	0.002048
19	0.039024	0.369860	0	0	0.002048
20	0.043187	0.413047	0	0	0.002048
21	0.043680	0.456727	0	0	0.002048
22	0.049710	0.506437	0	0	0.002048
23	0.051228	0.557665	0	0	0.002048
24	0.053829	0.611494	0	0	0.002048
25	0.052406	0.663900	0	0	0.002048
26	0.054022	0.717922	0	0	0.002048
27	0.029751	0.747673	0	0	0.002048
28	0.065206	0.812879	0	0	0.002048
29	0.076986	0.889865	0	0	0.002048
30	0.073666	0.963531	0	0	0.002048
31	0.036474	1.000005	0	0	0.002048
*					
*	Capacity of Sytem Reduced by Sediment Accumulation				

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Probability Model and the traditional RESOP-type analysis approach estimation of the firm annual yield, the two models are in very close agreement. The RESOP-type analysis predicts 0.015% probability of failure while the CPM predicts 0.20% probability of failure for year 2040 conditions.

The number of designated releases during full-capture operation is zero for all three baseline cases. Spills are uncontrolled releases which vary with the start-of-year zone and sediment accumulation. For Run R01, there is a relatively low M&I demand on the system. Therefore, the probability of a spill in any year is only 13%, if the year starts with a nearly empty reservoir system, and increases to over 30% if the system is full. By year 2010, the demand on the system has increased by 30,000 ac-ft/yr. However, sediment accumulation has also reduced the total system capacity. The 2010 probabilities of a spill range from 13% to 28%. The 2040 probabilities of a spill show the combination of increased demand and decreased capacity. The minimum probability of a spill remains at 13% for a year starting with a nearly empty system. The maximum probability of a spill has dropped to 24% for a full start-of-year condition. The 2040 probability of a spill would be considerably lower if the rapid rate of LCC sedimentation could be arrested. Figure 5-1 demonstrates the probability of an uncontrolled spill from LCC through time as a result of sediment accumulation and increased M&I withdrawals.

5.2.2 Simulations With and Without Proposed Interim Operation Rules (IORs)

5.2.2.1 Probabilities of Failures, Releases and Spills

The numbers and probabilities of failure, releases, and spills for the years 1990, 2010, and 2040, assuming B&E releases with and without the IORs, are shown in Tables 5-8 through 5-13. Simulation Runs R1, R3 and R5 represent simulations without the IORs, while Runs R2, R4 and R6 assume the proposed IORs.

Without the proposed IORs, the CPM, operating under 1990 conditions, predicts more failures for the lower annual start-of-year storage zones than observed with the IORs. As an example, assume any given year started in Zone 4 (10% of total LCC/CCR system storage). Under 1990 conditions (Run R1), during the 672 months of simulation, there would be 60 months where the system would not be able to meet its full M&I demand, plus the Nueces Estuary B&E inflow obligation, or approximately a 8.9% probability of failure. Without the IORs, there are no provisions for B&E release reductions, except when the sum of return flows plus spills equals or exceeds the B&E requirement. Therefore, there are between 444 and 509 months (66-76% probability) of designated B&E releases from LCC. There are 81 predicted spills for start-of-year Zone 4 (12.1% probability). This is lower than observed under similar baseline operation (full-capture operation, Run RO1), and results from the M&I demands and B&E release requirements. During flood events there is more storage available for capture and retention of flood waters than under full-capture operation, and fewer flows are passed through.

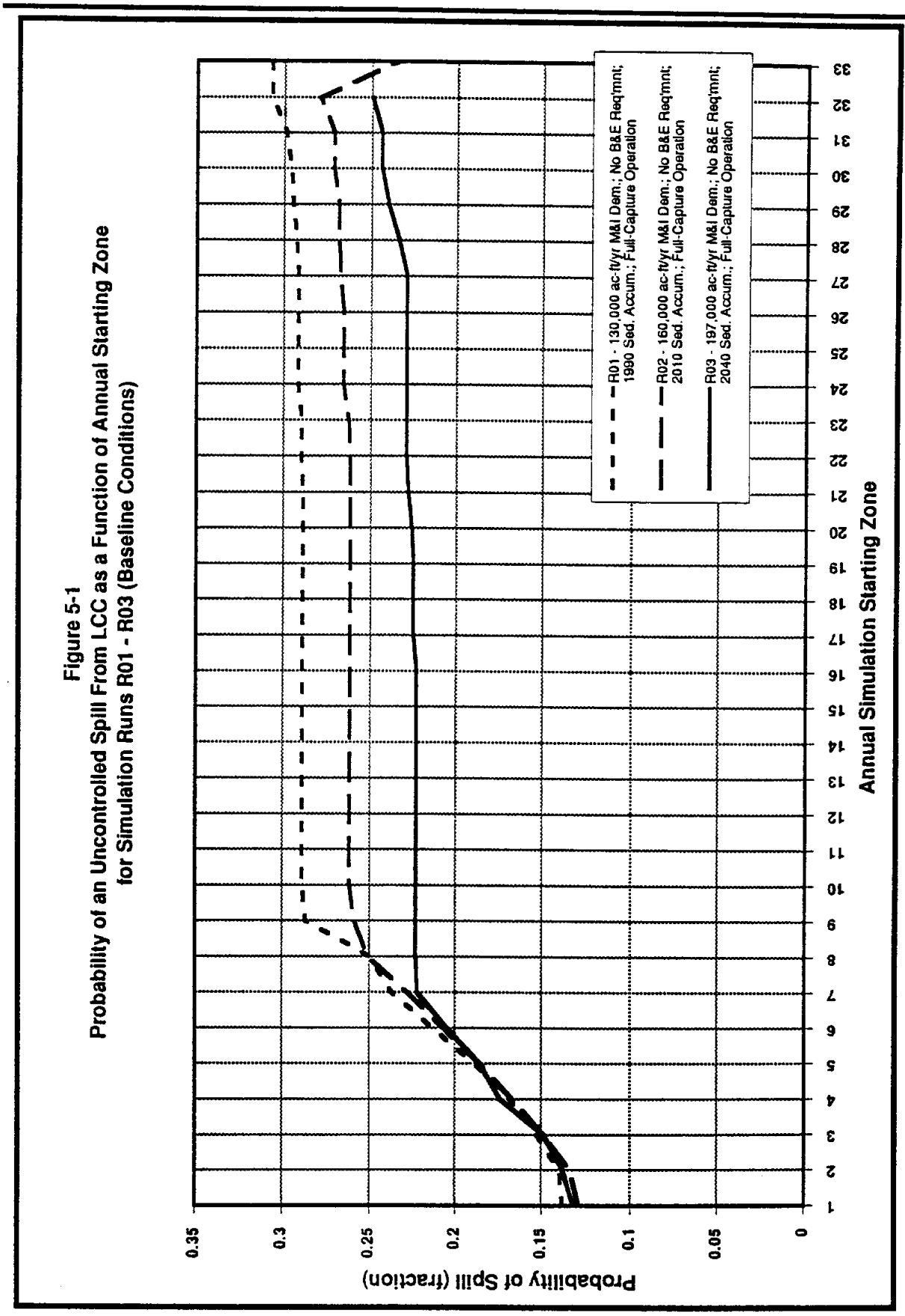


Figure 5-1
Probability of an Uncontrolled Spill From LCC as a Function of Annual Starting Zone for Simulation Runs R01 - R03 (Baseline Conditions)

Table 5-8
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 130,000 ac-ft/yr; Nueces Estuary Inflows = 151,000 ac-ft/yr;
1990 Sediment Accumulation; Without Interim Operation Rules)
Run R1

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	242	509	74	0.360	0.757	0.110
2	3	134	507	76	0.199	0.754	0.113
3	6	82	505	78	0.122	0.751	0.116
4	9	60	501	81	0.089	0.746	0.121
5	13	34	497	90	0.051	0.740	0.134
6	16	13	490	100	0.019	0.729	0.149
7	19	8	480	117	0.012	0.714	0.174
8	22	3	465	127	0.004	0.692	0.189
9	25	0	457	142	0.000	0.680	0.211
10	28	0	457	146	0.000	0.680	0.217
11	31	0	457	146	0	0.680	0.217
12	34	0	457	146	0	0.680	0.217
13	38	0	457	146	0	0.680	0.217
14	41	0	457	146	0	0.680	0.217
15	44	0	457	146	0	0.680	0.217
16	47	0	457	146	0	0.680	0.217
17	50	0	457	146	0	0.680	0.217
18	53	0	457	146	0	0.680	0.217
19	56	0	457	146	0	0.680	0.217
20	59	0	457	146	0	0.680	0.217
21	63	0	457	146	0	0.680	0.217
22	66	0	457	146	0	0.680	0.217
23	69	0	456	146	0	0.679	0.217
24	72	0	456	146	0	0.679	0.217
25	75	0	456	146	0	0.679	0.217
26	78	0	456	146	0	0.679	0.217
27	81	0	456	146	0	0.679	0.217
28	84	0	454	147	0	0.676	0.219
29	88	0	454	148	0	0.676	0.220
30	91	0	454	149	0	0.676	0.222
31	94	0	451	150	0	0.671	0.223
32	97	0	444	158	0	0.661	0.235
33	100	0	444	158	0	0.661	0.235

a/ Start of Year Storage Zone.

b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.

c/ Recorded over 672 month period of record.

d/ Number of occurrences divided by 672 month period of record.

Table 5-9
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr;
1990 Sediment Accumulation; With Interim Operation Rules)
Run R2

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	161	80	89	0.240	0.119	0.132
2	3	40	89	92	0.060	0.132	0.137
3	6	5	90	105	0.007	0.134	0.156
4	9	0	96	112	0	0.143	0.167
5	13	0	105	129	0	0.156	0.192
6	16	0	103	144	0	0.153	0.214
7	19	0	104	156	0	0.155	0.232
8	22	0	107	171	0	0.159	0.254
9	25	0	109	196	0	0.162	0.292
10	28	0	151	194	0	0.225	0.289
11	31	0	316	185	0	0.470	0.275
12	34	0	397	182	0	0.591	0.271
13	38	0	453	175	0	0.674	0.260
14	41	0	483	168	0	0.719	0.250
15	44	0	503	164	0	0.749	0.244
16	47	0	517	162	0	0.769	0.241
17	50	0	525	161	0	0.781	0.240
18	53	0	527	161	0	0.784	0.240
19	56	0	530	161	0	0.789	0.240
20	59	0	530	160	0	0.789	0.238
21	63	0	530	160	0	0.789	0.238
22	66	0	529	160	0	0.787	0.238
23	69	0	529	161	0	0.787	0.240
24	72	0	529	161	0	0.787	0.240
25	75	0	529	161	0	0.787	0.240
26	78	0	529	161	0	0.787	0.240
27	81	0	528	161	0	0.786	0.240
28	84	0	528	161	0	0.786	0.240
29	88	0	526	164	0	0.783	0.244
30	91	0	525	165	0	0.781	0.246
31	94	0	521	167	0	0.775	0.249
32	97	0	516	172	0	0.768	0.256
33	100	0	516	172	0	0.768	0.256

a/ Start of Year Storage Zone.
b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.
c/ Recorded over 672 month period of record.
d/ Number of occurrences divided by 672 month period of record.

Table 5-10
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 160,000 ac-ft/yr; Nueces Estuary Inflows = 151,000 ac-ft/yr;
2010 Sediment Accumulation; Without Interim Operation Rules)
Run R3

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	253	461	76	0.376	0.686	0.113
2	3	147	460	77	0.219	0.685	0.115
3	6	102	458	80	0.152	0.682	0.119
4	10	68	454	84	0.101	0.676	0.125
5	13	46	451	92	0.068	0.671	0.137
6	16	26	441	110	0.039	0.656	0.164
7	19	12	432	121	0.018	0.643	0.180
8	23	6	417	134	0.009	0.621	0.199
9	26	5	415	137	0.007	0.618	0.204
10	29	3	415	138	0.004	0.618	0.205
11	32	1	415	138	0.001	0.618	0.205
12	36	0	415	138	0	0.618	0.205
13	39	0	415	138	0	0.618	0.205
14	42	0	415	138	0	0.618	0.205
15	45	0	415	138	0	0.618	0.205
16	48	0	415	138	0	0.618	0.205
17	52	0	415	138	0	0.618	0.205
18	55	0	415	138	0	0.618	0.205
19	58	0	415	138	0	0.618	0.205
20	61	0	415	138	0	0.618	0.205
21	65	0	415	138	0	0.618	0.205
22	68	0	415	138	0	0.618	0.205
23	71	0	414	138	0	0.616	0.205
24	74	0	414	138	0	0.616	0.205
25	78	0	414	138	0	0.616	0.205
26	81	0	414	138	0	0.616	0.205
27	84	0	413	139	0	0.615	0.207
28	87	0	412	140	0	0.613	0.208
29	90	0	412	140	0	0.613	0.208
30	94	0	412	142	0	0.613	0.211
31	97	0	410	143	0	0.610	0.213
32	100	0	401	151	0	0.597	0.225

a/ Start of Year Storage Zone.

b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.

c/ Recorded over 672 month period of record.

d/ Number of occurrences divided by 672 month period of record.

Table 5-11
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr;
2010 Sediment Accumulation; With Interim Operation Rules)
Run R4

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	183	11	94	0.272	0.016	0.140
2	3	74	11	98	0.110	0.016	0.146
3	6	20	11	108	0.030	0.016	0.161
4	10	3	11	123	0.004	0.016	0.183
5	13	0	11	134	0	0.016	0.199
6	16	0	11	152	0	0.016	0.226
7	19	0	11	162	0	0.016	0.241
8	23	0	11	185	0	0.016	0.275
9	26	0	11	185	0	0.016	0.275
10	29	0	11	188	0	0.016	0.280
11	32	0	16	187	0	0.024	0.278
12	36	0	19	187	0	0.028	0.278
13	39	0	24	186	0	0.036	0.277
14	42	0	29	185	0	0.043	0.275
15	45	0	39	184	0	0.058	0.274
16	48	0	125	176	0	0.186	0.262
17	52	0	207	172	0	0.308	0.256
18	55	0	222	171	0	0.330	0.254
19	58	0	237	169	0	0.353	0.251
20	61	0	251	169	0	0.374	0.251
21	65	0	264	165	0	0.393	0.246
22	68	0	360	157	0	0.536	0.234
23	71	0	373	157	0	0.555	0.234
24	74	0	379	154	0	0.564	0.229
25	78	0	386	152	0	0.574	0.226
26	81	0	396	152	0	0.589	0.226
27	84	0	400	153	0	0.595	0.228
28	87	0	410	154	0	0.610	0.229
29	90	0	413	154	0	0.615	0.229
30	94	0	414	156	0	0.616	0.232
31	97	0	416	159	0	0.619	0.237
32	100	0	414	164	0	0.616	0.244

a/ Start of Year Storage Zone.

b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.

c/ Recorded over 672 month period of record.

d/ Number of occurrences divided by 672 month period of record.

Table 5-12
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 197,000 ac-ft/yr; Nueces Estuary Inflows = 151,000 ac-ft/yr;
2040 Sediment Accumulation; Without Interim Operation Rules)
Run R5

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	267	298	72	0.397	0.443	0.107
2	3	174	298	74	0.259	0.443	0.110
3	7	120	297	78	0.179	0.442	0.116
4	10	88	294	85	0.131	0.438	0.126
5	13	62	288	98	0.092	0.429	0.146
6	17	40	281	112	0.060	0.418	0.167
7	20	25	273	122	0.037	0.406	0.182
8	23	13	273	124	0.019	0.406	0.185
9	27	8	273	124	0.012	0.406	0.185
10	30	6	273	124	0.009	0.406	0.185
11	33	3	273	124	0.004	0.406	0.185
12	37	1	273	124	0.001	0.406	0.185
13	40	0	273	124	0.000	0.406	0.185
14	43	0	273	124	0.000	0.406	0.185
15	47	0	273	124	0.000	0.406	0.185
16	50	0	273	124	0	0.406	0.185
17	53	0	273	125	0	0.406	0.186
18	57	0	273	125	0	0.406	0.186
19	60	0	273	125	0	0.406	0.186
20	63	0	273	126	0	0.406	0.188
21	67	0	272	127	0	0.405	0.189
22	70	0	272	127	0	0.405	0.189
23	73	0	272	127	0	0.405	0.189
24	77	0	272	127	0	0.405	0.189
25	80	0	271	128	0	0.403	0.190
26	83	0	270	128	0	0.402	0.190
27	87	0	270	129	0	0.402	0.192
28	90	0	270	131	0	0.402	0.195
29	93	0	267	133	0	0.397	0.198
30	97	0	265	137	0	0.394	0.204
31	100	0	265	137	0	0.394	0.204

a/ Start of Year Storage Zone.

b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.

c/ Recorded over 672 month period of record.

d/ Number of occurrences divided by 672 month period of record.

Table 5-13
Probability of Failure, Release and Spill by Annual Starting Zone
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr;
2040 Sediment Accumulation; With Interim Operation Rules)
Run R6

Start Zone a/	Percent Capacity	Number Failures b/	Number Releases c/	Number Spills c/	Prob. Failure d/	Prob. Release d/	Prob. Spill c/
1	0	206	5	95	0.307	0.007	0.141
2	3	103	5	99	0.153	0.007	0.147
3	7	37	5	112	0.055	0.007	0.167
4	10	15	5	121	0.022	0.007	0.180
5	13	3	5	139	0.004	0.007	0.207
6	17	1	5	152	0.001	0.007	0.226
7	20	0	5	169	0	0.007	0.251
8	23	0	5	172	0	0.007	0.256
9	27	0	6	172	0	0.009	0.256
10	30	0	7	172	0	0.010	0.256
11	33	0	8	172	0	0.012	0.256
12	37	0	10	172	0	0.015	0.256
13	40	0	19	168	0	0.028	0.250
14	43	0	38	159	0	0.057	0.237
15	47	0	58	158	0	0.086	0.235
16	50	0	85	157	0	0.126	0.234
17	53	0	92	158	0	0.137	0.235
18	57	0	94	158	0	0.140	0.235
19	60	0	98	158	0	0.146	0.235
20	63	0	99	159	0	0.147	0.237
21	67	0	98	160	0	0.146	0.238
22	70	0	98	160	0	0.146	0.238
23	73	0	98	160	0	0.146	0.238
24	77	0	98	160	0	0.146	0.238
25	80	0	98	160	0	0.146	0.238
26	83	0	99	160	0	0.147	0.238
27	87	0	99	160	0	0.147	0.238
28	90	0	98	162	0	0.146	0.241
29	93	0	98	165	0	0.146	0.246
30	97	0	99	169	0	0.147	0.251
31	100	0	99	168	0	0.147	0.250

a/ Start of Year Storage Zone.

b/ Failure is defined as the inability to meet both the desired M&I demand and B&E inflow requirements. Number of failures is recorded over 672 month period of record.

c/ Recorded over 672 month period of record.

d/ Number of occurrences divided by 672 month period of record.

With the IORs, the 1990 picture is markedly different (Run R2). The number of failures for Zone 4 has dropped to zero (no failures). Concomitantly, the number of release months has dropped from 501 to 96. This is because under the IORs, provisions are made to reduce by 50% B&E releases when the total system storage is less than 40%, and to suspend B&E releases when the storage is less than 30%. Further examination of the table reveals that, as the start-of-year storage zone increases, so do the number of releases.

With the IORs, the number and probability of 1990 condition uncontrolled spills decrease from baseline but increase over full-demand/release operation. Allowing drought period reductions to M&I withdrawals and B&E releases results in more water retained in the reservoir system, which in turn reduces the ability to capture moderate flood events. Therefore, the IORs allow the number of uncontrolled spills to increase. Under future operating conditions (years 2010 and 2040) without the IORs, the numbers and probabilities of failure in the lower start-of-year storage zones increases markedly (Runs R3 and R5). Again using Zone 4 as an example, the number of failures rises to 68 (10.1%) in 2010 and to 88 (13.1%) in 2040. That is to say, by year 2040, if the year begins with the total LCC/CCR storage content equal to Zone 4 (12% total capacity), there is a 13.1% probability of failure in any month of that year. By year 2040 there is at least one predicted failure up to start Zone 13 (42% full).

Again, imposition of the IORs reduces the number of failures, as well as the number of start zones experiencing at least one failure (Runs R4 and R6). There are predicted to be three (3) monthly failures for Zone 4 (0.4% probability) in 2010 and fifteen (15) monthly failures (2.2% probability) by 2040. These failure rates are a definite improvement over operation of the system in a fixed M&I and B&E release mode without the IORs.

Under the conditions of both the current permit and the proposed IORs, B&E inflow requirements (in the first case Nueces Estuary requirements and in the second case Nueces Bay requirements) can be satisfied by any combination of releases, return flows and spills. Return flows are relatively constant from year to year while spills are uncontrolled and relatively erratic. Therefore, releases are made whenever the full monthly B&E demand is not fully satisfied by return flows and/or spills, and then only in such amounts as necessary to satisfy any remaining unsatisfied requirements not filled by return flows and/or spills. Under 1990 conditions, annual return flows to Nueces Bay are generally not sufficient to meet the full freshwater inflow requirements. Therefore, without IORs there would be releases most of the time to satisfy the Nueces Estuary B&E requirement. Under the proposed IORs, provisions exist for the reduction of B&E requirements to 50% at total LCC/CCR storage levels less than 40%, and for the cessation of releases at storage levels less than 30%. This results in a reduced number of releases for the lower start-of-year storage zones. At higher start-of-year storage zones, however, a normal release schedule would be applied.

As M&I withdrawals increase to meet future demands, return flows will also increase. In some cases they may be sufficient to fully satisfy individual monthly B&E requirements. By the year 2010, releases will be required between 60% and 69% of the time depending on starting zone (Run R3). At the lower starting zones, fewer uncontrolled spills occur because of the greater availability of storage to capture floods. This results in higher designated releases for the bays and estuary. At higher starting zones, the increase in the number of spills will serve to satisfy more of the B&E demand, which will require fewer releases.

Again, application of the IORs markedly reduces the number of releases at the low to moderate starting zones (Run R4). The higher 2010 M&I demand is more likely to drive the system storage below the 40% and 30% drought management operation trigger levels, which would result in a reduction in the number and amounts of releases. However, at higher starting zones (say, above Zone 22 or 68% capacity) normal operation prevails.

By year 2040, M&I return flows will fully satisfy B&E requirements six months of each year (Run R5); however, M&I demand will be sufficient to keep the system operating at a much lower level of storage, resulting in greatly reduced frequencies of required releases (Run R6).

The probabilities of failures, releases and spills, are shown graphically in Figures 5-2 through 5-4. Without the IORs (Runs R1, R3, and R5), the probability of an uncontrolled spill from LCC ranges from a minimum of 9-10% for any year starting with a relatively empty system, to a maximum of 18-22% for periods when the system is greater than one-fourth full (Figure 5-2). The curves level out in the 16-18% probability range because of the proposed Phase IV operation. This tends to keep LCC relatively low, thereby allowing for a higher flood capture efficiency.

With the IORs in place (Runs R2, R4 and R6), the initial portions of the spill probability curves are shifted upward. This is because more water is retained in LCC from reduced B&E releases during drought periods. The volume of the lake available to capture floods is diminished and more flows are passed through as uncontrolled spills. For an annual starting Zone range of 8-16, the probability of an uncontrolled spill increases dramatically (23-28%) over conditions without the IORs. In this region, the conditions of the Phase IV operation can result in more or less storage in LCC, depending on the elevation of CCR, system inflows and LCC stage. Above starting Zone 16, however, CCR is more than half full and the shear volumes of stored water in the system normalizes operation.

The probability of a B&E designated LCC release, as a function of starting zone, is shown in Figure 5-3. The three curves that show an initially decreasing slope represent conditions that would occur when attempting to satisfy the 151,000 ac-ft/yr Nueces Estuary inflow requirement, while the three s-shaped curves represent the proposed interim rule goal of 97,200 ac-ft/yr of freshwater to Nueces Bay. The without IOR curves decrease initially because there is more storage capacity available to capture floods and

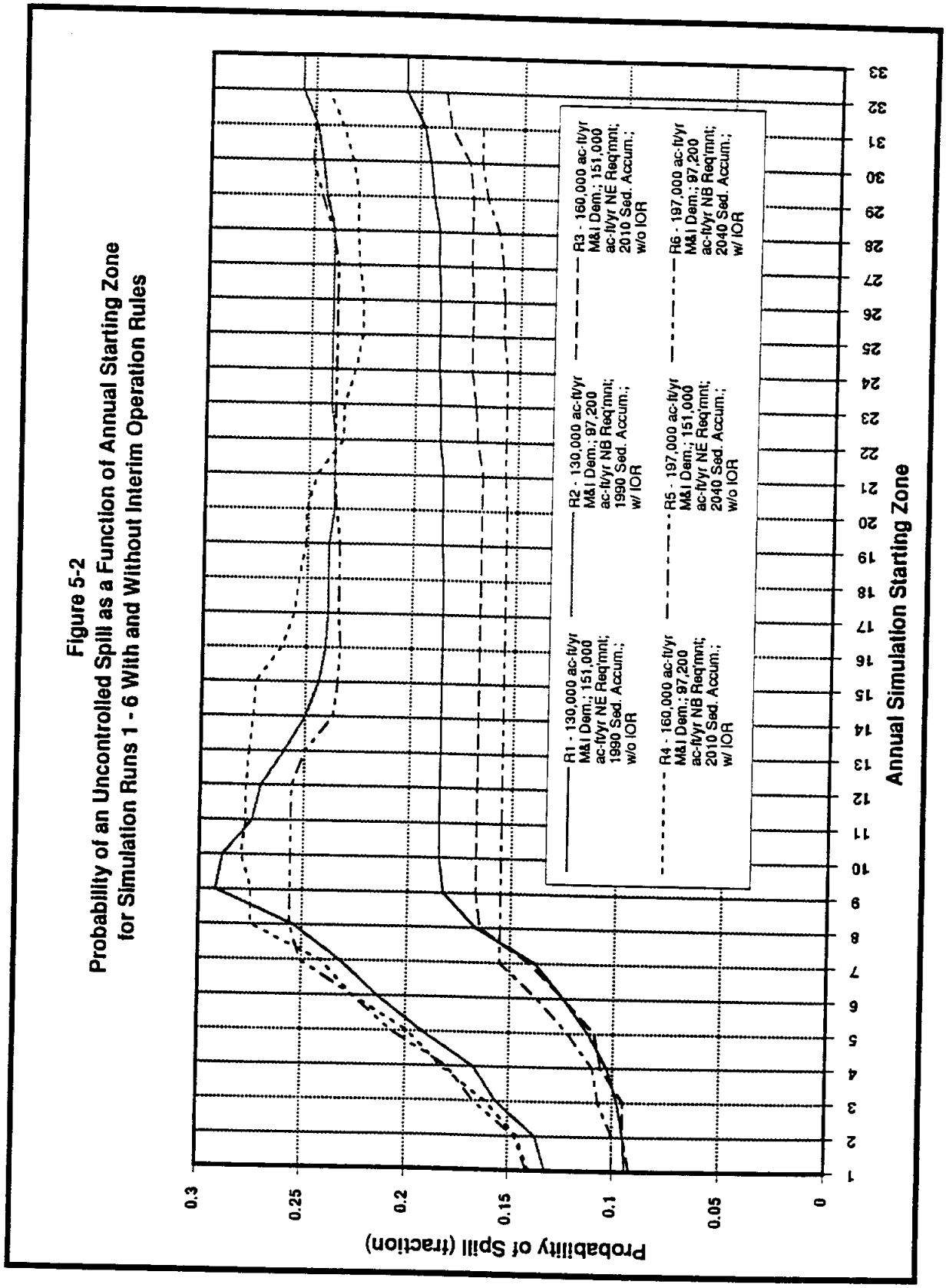


Figure 5-2
Probability of an Uncontrolled Spill as a Function of Annual Starting Zone for Simulation Runs 1 - 6 With and Without Interim Operation Rules

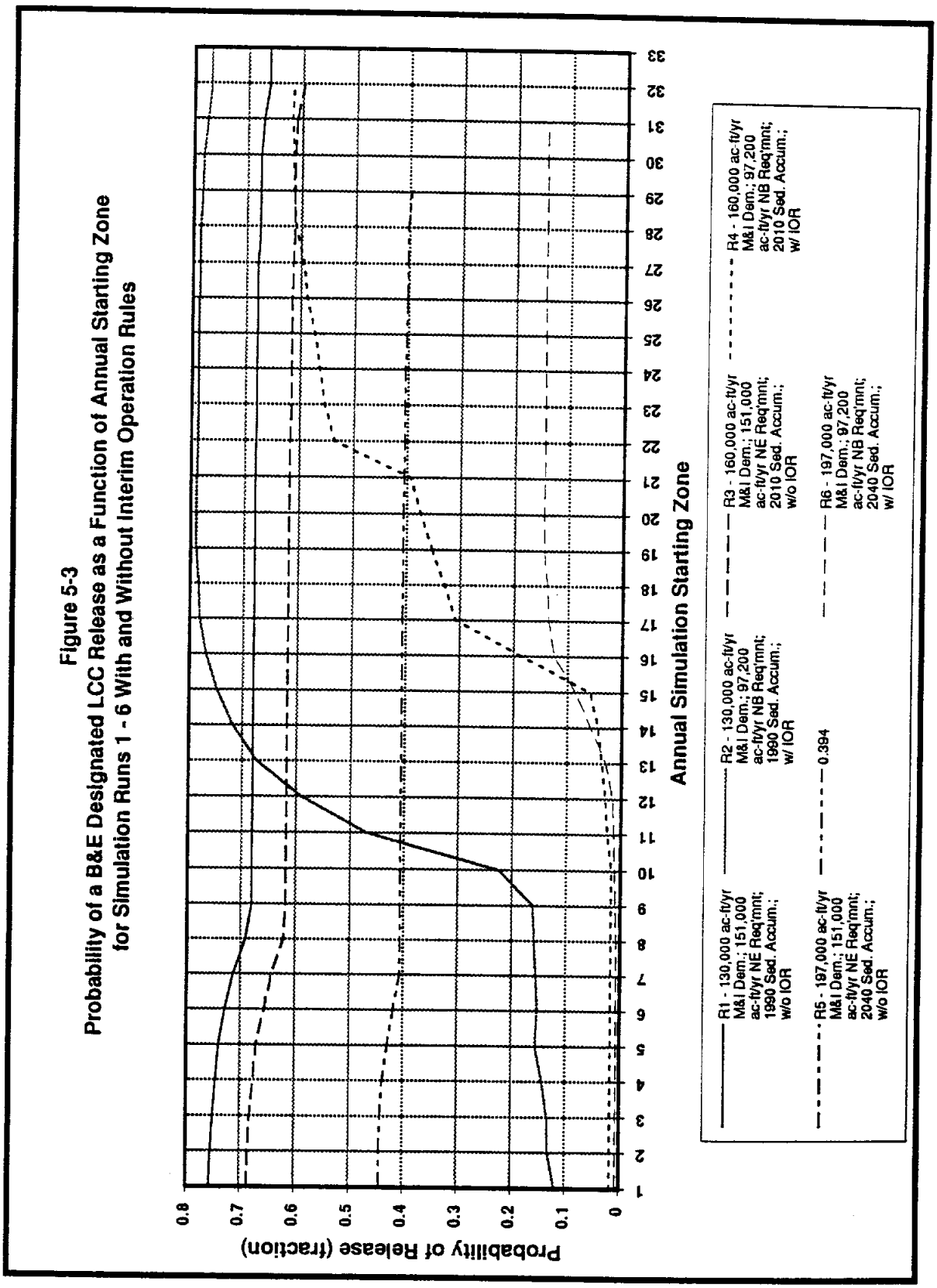


Figure 5-3
Probability of a B&E Designated LCC Release as a Function of Annual Starting Zone for Simulation Runs 1 - 6 With and Without Interim Operation Rules

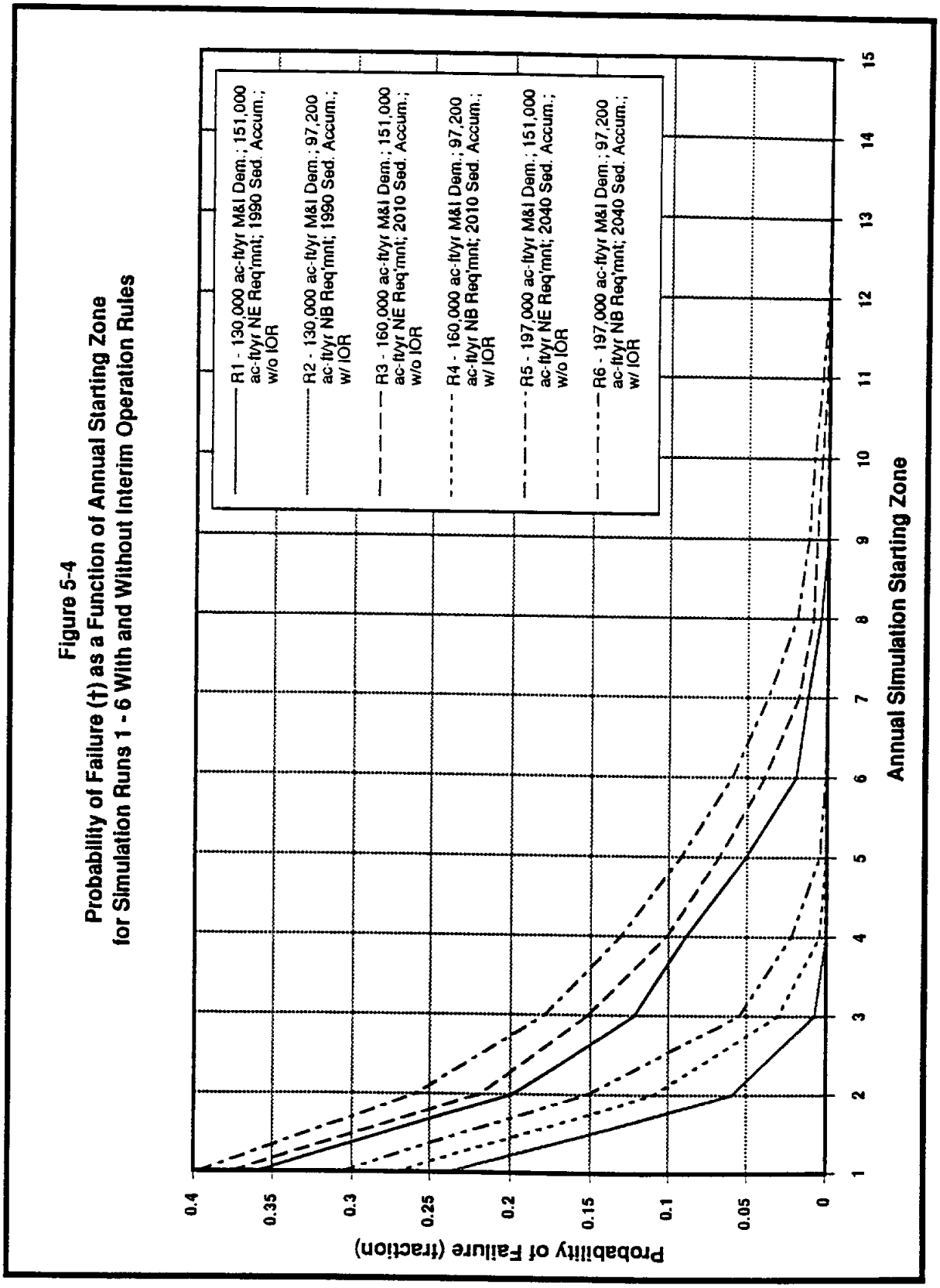


Figure 5-4
Probability of Failure (†) as a Function of Annual Starting Zone for Simulation Runs 1 - 6 With and Without Interim Operation Rules

there are fewer spills when starting in the lower zones. As the starting zone increases, there is less capacity available to capture floods, spills increase, which in turn serves to decrease designated releases.

The opposite appears true of simulations with the IORs. For 1990 condition simulations, if the storage is less than 30% of full (Zone 9), there is only about an 11-16% chance of a release that year. For starting Zones 10 through 17 (30-50% capacity) the probability of a release increases dramatically, as this is the volumetric region where releases are required at 50% of monthly requirements. For start-of-year storage zones greater than Zone 17, the probability of a Nueces Bay release levels out at approximately 78%.

Under 2010 and 2040 conditions, the higher M&I demands coupled with the increased return flows directed to Nueces Bay and reduced storage volume due to sedimentation, serve to keep designated releases to nearly a zero probability for all start-of-year storage Zones below Zone 15 (approximately 45% total volume). In 2010, the probability of a designated release increases steadily to approximately 61%. However, by 2040 there is a maximum probability of a designated B&E release of only 14%.

5.2.2.2 Conditional Probability of Failure

The suite of conditional probability of failure curves generated by simulations R1 through R6 are shown in Figure 5-4. These curves represent the probability of failure in any month given the condition of starting the year in a particular zone. That is to say, if a year is started with the total LCC/CCR storage equal to a particular zone, then there is a given probability of failure associated with that start zone in any given month of that year. If for example, a year is started with a total LCC/CCR system volume equal to Zone 4, then the following probabilities of failure could be applied to any month of that year (Table 5-4).

Remembering that Runs R1, R3 and R5 represent conditions without the application of the IORs, the conditional probability of failure for Zone 4 ranges from 8.9% to 13.1% (Table 5-14). With the IORs, the corresponding failure probabilities range from 0.0% to 2.2%, which is significantly lower.

The total probability of failure for Zone 4 is also a function of the probability of starting a year in Zone 10. The probability of starting a year in any zone is represented by any column of the steady-state start-zone/end-zone **[S/E]** Matrix. The product of these two probabilities is the total probability of failure for that zone, i.e.,

Table 5-14
Example of Conditional Probability of Failure During Any Month of the Year When Started in Zone 4

Run	Probability of Failure
R1	8.9%
R2	0.0%
R3	10.1%
R4	0.4%
R5	13.1%
R6	2.2%

$P_{Fail\ Zone\ 4} = P_{Start\ Zone\ 4} \times P_{Fail\ if\ Start\ Zone\ 4.}$

Column (1) of Tables 5-15 through 5-20 represents the probability of starting any year in a specified storage zone, a function of input hydrology, evaporation, and system operating procedures for Runs R1-R6. Column (2) is a cumulative total of start zone probabilities and represents the probability of starting any year in a zone with a total system storage less-than-or-equal-to the specified zone. The probability of starting any year in a zone less-than-or-equal-to Zone 33 (totally full condition) is 100%.

The conditional probability of failure within any month for any year as a function of starting zone is shown in column (3). Given the condition of starting a year in a specified zone, this is the probability of failure for any month during the coming year. The product of columns (1) and (3) represents the conditional probability of failure for each zone (the probability of starting any year in a particular zone, the condition, times the probability of failure if the year starts in that zone). Column (5) represents the cumulative conditional probability of failure. For Run R1 the probability of failure for all start-of-year storage zones above Zone 8 is zero. For Run R2, all start-of-year storage zones above Zone 3 have a probability of failure of zero. This means that with the current M&I demand of 130,000 ac-ft/yr, B&E inflow requirement of 97,200 ac-ft/yr to Nueces Bay, the variable operation allowed by the IORs (Run R2), and if any year is started with more than 90,000 ac-ft of total system storage (10% capacity), then there is very little probability of a LCC/CCR system failure.

With a start-of-year storage of 10%, the City of Corpus Christi would be operating under Water Conservation Conditions III, which has a built-in 17% reduction in M&I demands. At 10% storage all B&E releases would be suspended. So, the system operation is quite different from normal, and the probability of failure for this modified demand condition is very low. In addition, this probability of failure reflects only one year of operation (any year, but only one year). The probability of starting any year in a zone less-than-or-equal to Zone 3 is 0.0040%. Which means that this condition would be extremely unlikely.

Table 5-15
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R1

Start	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.002260	0.002260	0.360119	0.000814	0.000814
2	0.005532	0.007792	0.199405	0.001103	0.001917
3	0.004676	0.012468	0.122024	0.000571	0.002488
4	0.005985	0.018453	0.089286	0.000534	0.003022
5	0.007253	0.025706	0.050595	0.000367	0.003389
6	0.011099	0.036805	0.019345	0.000215	0.003604
7	0.012728	0.049533	0.011905	0.000152	0.003755
8	0.018146	0.067679	0.004464	0.000081	0.003836
9	0.015222	0.082901	0	0	0.003836
10	0.019049	0.101950	0	0	0.003836
11	0.022521	0.124471	0	0	0.003836
12	0.024221	0.148692	0	0	0.003836
13	0.026093	0.174785	0	0	0.003836
14	0.028001	0.202786	0	0	0.003836
15	0.030968	0.233754	0	0	0.003836
16	0.027635	0.261389	0	0	0.003836
17	0.033598	0.294987	0	0	0.003836
18	0.034503	0.329490	0	0	0.003836
19	0.037552	0.367042	0	0	0.003836
20	0.035021	0.402063	0	0	0.003836
21	0.040677	0.442740	0	0	0.003836
22	0.040482	0.483222	0	0	0.003836
23	0.043038	0.526260	0	0	0.003836
24	0.045256	0.571516	0	0	0.003836
25	0.044769	0.616285	0	0	0.003836
26	0.037901	0.654186	0	0	0.003836
27	0.045632	0.699818	0	0	0.003836
28	0.046807	0.746625	0	0	0.003836
29	0.024161	0.770786	0	0	0.003836
30	0.053669	0.824455	0	0	0.003836
31	0.056911	0.881366	0	0	0.003836
32	0.078738	0.960104	0	0	0.003836
33	0.039898	1.000002	0	0	0.003836

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-16
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R2

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.000001	0.000001	0.239583	0.000000	0.000000
2	0.000011	0.000012	0.059524	0.000001	0.000001
3	0.000028	0.000040	0.007440	0.000000	0.000001
4	0.000222	0.000262	0	0	0.000001
5	0.000355	0.000617	0	0	0.000001
6	0.001294	0.001911	0	0	0.000001
7	0.002740	0.004651	0	0	0.000001
8	0.008420	0.013071	0	0	0.000001
9	0.011538	0.024609	0	0	0.000001
10	0.025204	0.049813	0	0	0.000001
11	0.023390	0.073203	0	0	0.000001
12	0.032105	0.105308	0	0	0.000001
13	0.029318	0.134626	0	0	0.000001
14	0.030085	0.164711	0	0	0.000001
15	0.030514	0.195225	0	0	0.000001
16	0.030173	0.225398	0	0	0.000001
17	0.036087	0.261485	0	0	0.000001
18	0.035443	0.296928	0	0	0.000001
19	0.034901	0.331829	0	0	0.000001
20	0.037168	0.368997	0	0	0.000001
21	0.038516	0.407513	0	0	0.000001
22	0.039958	0.447471	0	0	0.000001
23	0.047270	0.494741	0	0	0.000001
24	0.046574	0.541315	0	0	0.000001
25	0.044345	0.585660	0	0	0.000001
26	0.042521	0.628181	0	0	0.000001
27	0.051567	0.679748	0	0	0.000001
28	0.037655	0.717403	0	0	0.000001
29	0.037106	0.754509	0	0	0.000001
30	0.055378	0.809887	0	0	0.000001
31	0.065018	0.874905	0	0	0.000001
32	0.082788	0.957693	0	0	0.000001
33	0.042310	1.000003	0	0	0.000001

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-17
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R3

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.005895	0.005895	0.376488	0.002219	0.002219
2	0.011601	0.017496	0.218750	0.002538	0.004757
3	0.010361	0.027857	0.151786	0.001573	0.006330
4	0.007884	0.035741	0.101190	0.000798	0.007128
5	0.012718	0.048459	0.068452	0.000871	0.007998
6	0.020997	0.069456	0.038690	0.000812	0.008810
7	0.018158	0.087614	0.017857	0.000324	0.009135
8	0.020959	0.108573	0.008929	0.000187	0.009322
9	0.000381	0.108954	0.007440	0.000003	0.009325
10	0.021253	0.130207	0.004464	0.000095	0.009420
11	0.028734	0.158941	0.001488	0.000043	0.009462
12	0.030110	0.189051	0	0	0.009462
13	0.026887	0.215938	0	0	0.009462
14	0.030314	0.246252	0	0	0.009462
15	0.030112	0.276364	0	0	0.009462
16	0.031849	0.308213	0	0	0.009462
17	0.033798	0.342011	0	0	0.009462
18	0.038958	0.380969	0	0	0.009462
19	0.039012	0.419981	0	0	0.009462
20	0.036563	0.456544	0	0	0.009462
21	0.035198	0.491742	0	0	0.009462
22	0.039200	0.530942	0	0	0.009462
23	0.041958	0.572900	0	0	0.009462
24	0.045696	0.618596	0	0	0.009462
25	0.043791	0.662387	0	0	0.009462
26	0.038960	0.701347	0	0	0.009462
27	0.033126	0.734473	0	0	0.009462
28	0.036819	0.771292	0	0	0.009462
29	0.039869	0.811161	0	0	0.009462
30	0.034734	0.845895	0	0	0.009462
31	0.045892	0.891787	0	0	0.009462
32	0.108212	0.999999	0	0	0.009462
*	Capacity of Sytem Reduced by Sediment Accumulation				

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-18
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R4

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
1	0.000012	0.000012	0.272321	0.000003	0.000003
2	0.000063	0.000075	0.110119	0.000007	0.000010
3	0.000119	0.000194	0.029762	0.000004	0.000014
4	0.000483	0.000677	0.004464	0.000002	0.000016
5	0.000812	0.001489	0	0	0.000016
6	0.001891	0.003380	0	0	0.000016
7	0.004359	0.007739	0	0	0.000016
8	0.005990	0.013729	0	0	0.000016
9	0.000659	0.014388	0	0	0.000016
10	0.009785	0.024173	0	0	0.000016
11	0.012765	0.036938	0	0	0.000016
12	0.018650	0.055588	0	0	0.000016
13	0.024007	0.079595	0	0	0.000016
14	0.025273	0.104868	0	0	0.000016
15	0.026987	0.131855	0	0	0.000016
16	0.029348	0.161203	0	0	0.000016
17	0.037206	0.198409	0	0	0.000016
18	0.042168	0.240577	0	0	0.000016
19	0.039804	0.280381	0	0	0.000016
20	0.048638	0.329019	0	0	0.000016
21	0.048376	0.377395	0	0	0.000016
22	0.045934	0.423329	0	0	0.000016
23	0.045043	0.468372	0	0	0.000016
24	0.052363	0.520735	0	0	0.000016
25	0.044083	0.564818	0	0	0.000016
26	0.048231	0.613049	0	0	0.000016
27	0.051389	0.664438	0	0	0.000016
28	0.051976	0.716414	0	0	0.000016
29	0.028062	0.744476	0	0	0.000016
30	0.055286	0.799762	0	0	0.000016
31	0.069010	0.868772	0	0	0.000016
32	0.131227	0.999999	0	0	0.000016
*	Capacity of Sytem Reduced by Sediment Accumulation				

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-19
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R5

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities Σ [(1) X (3)]
(1)	0.020902	0.020902	0.397321	0.008305	0.008305
2	0.025281	0.046183	0.258929	0.006546	0.014851
3	0.015842	0.062025	0.178571	0.002829	0.017680
4	0.018644	0.080669	0.130952	0.002441	0.020121
5	0.031126	0.111795	0.092262	0.002872	0.022993
6	0.019550	0.131345	0.059524	0.001164	0.024157
7	0.021026	0.152371	0.037202	0.000782	0.024939
8	0.030412	0.182783	0.019345	0.000588	0.025527
9	0.033365	0.216148	0.011905	0.000397	0.025924
10	0.028521	0.244669	0.008929	0.000255	0.026179
11	0.036722	0.281391	0.004464	0.000164	0.026343
12	0.028989	0.310380	0.001488	0.000043	0.026386
13	0.034752	0.345132	0	0	0.026386
14	0.033403	0.378535	0	0	0.026386
15	0.033303	0.411838	0	0	0.026386
16	0.037375	0.449213	0	0	0.026386
17	0.035881	0.485094	0	0	0.026386
18	0.032010	0.517104	0	0	0.026386
19	0.040948	0.558052	0	0	0.026386
20	0.041516	0.599568	0	0	0.026386
21	0.039456	0.639024	0	0	0.026386
22	0.036651	0.675675	0	0	0.026386
23	0.041776	0.717451	0	0	0.026386
24	0.030377	0.747828	0	0	0.026386
25	0.035466	0.783294	0	0	0.026386
26	0.024122	0.807416	0	0	0.026386
27	0.036243	0.843659	0	0	0.026386
28	0.039670	0.883329	0	0	0.026386
29	0.039152	0.922481	0	0	0.026386
30	0.051420	0.973901	0	0	0.026386
31	0.026101	1.000002	0	0	0.026386
*					
*	Capacity of Sytem Reduced by Sediment Accumulation				

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Table 5-20
Probability of Starting Any Given Year in a Specified Zone,
Conditional Probability of Failure (†) Within Any Month For Any Year if Started in a Specified Zone,
and Total Probability of Failure
Run R6

Start Zone	Probability of Starting Any Year in Specified Zone (1)	Probability of Starting Any Year in a Zone Less Than or Equal to Specified Zone (2)	Conditional Probability of Failure Within Any Month For Any Year If Started in Specified Zone (3)	Product of Probabilities (1) X (3)	Cumulative Product of Probabilities $\sum[(1) \times (3)]$
1	0.000286	0.000286	0.306548	0.000088	0.000088
2	0.000634	0.000920	0.153274	0.000097	0.000185
3	0.001222	0.002142	0.055060	0.000067	0.000252
4	0.002661	0.004803	0.022321	0.000059	0.000312
5	0.003753	0.008556	0.004464	0.000017	0.000328
6	0.007484	0.016040	0.001488	0.000011	0.000339
7	0.007499	0.023539	0	0	0.000339
8	0.010050	0.033589	0	0	0.000339
9	0.013821	0.047410	0	0	0.000339
10	0.019511	0.066921	0	0	0.000339
11	0.017817	0.084738	0	0	0.000339
12	0.024207	0.108945	0	0	0.000339
13	0.023955	0.132900	0	0	0.000339
14	0.030483	0.163383	0	0	0.000339
15	0.028568	0.191951	0	0	0.000339
16	0.029476	0.221427	0	0	0.000339
17	0.035119	0.256546	0	0	0.000339
18	0.037345	0.293891	0	0	0.000339
19	0.041697	0.335588	0	0	0.000339
20	0.045008	0.380596	0	0	0.000339
21	0.042740	0.423336	0	0	0.000339
22	0.048471	0.471807	0	0	0.000339
23	0.056751	0.528558	0	0	0.000339
24	0.060246	0.588804	0	0	0.000339
25	0.052647	0.641451	0	0	0.000339
26	0.060022	0.701473	0	0	0.000339
27	0.030997	0.732470	0	0	0.000339
28	0.071527	0.803997	0	0	0.000339
29	0.079944	0.883941	0	0	0.000339
30	0.077763	0.961704	0	0	0.000339
31	0.038297	1.000001	0	0	0.000339
*		Capacity of System Reduced by Sediment Accumulation			

† Failure = Inability to deliver both the full M&I demand and full B&E requirement

Figure 5-5 shows the probability of starting any year in a zone less-than or equal-to any specified zone for the 1990, 2010 and 2040 baseline conditions (RO1, RO2 and RO3). For 1990 and 2010 sediment accumulation and M&I demand conditions, approximately 50% of all years would start with a total LCC/CCR storage of 81% (Zone 27) or less. Through volume reductions caused by sediment accumulation, by the year 2040 50% of all years will start with a total storage less-than or equal-to 70% (Zone 22). Another interesting thing about these curves is that in 1990 and 2010 only 10% of the years would start with less than 45% total storage (Zone 15). In full-capture operation, the system is maintained relatively full.

The imposition of B&E release requirements and flexible release rules on the system changes the shape of the curves and typical storage of the system (Figure 5-6). Without IORs (R1, R3 and R5), the 1990, 2010, and 2040 probabilities of starting any given year less-than or equal-to 50% total capacity are 67% (Zone 22), 65% (Zone 21), and 55% (Zone 17), respectively. With the proposed IORs, the corresponding values are 70% (Zone 23), 73% (Zone 24), and 71% (Zone 22). The real difference, however, is in the lower portion of the curves where, at the 10% probability of starting any year less-than or equal-to the specified zone, the IORs result in a 6 to 24% increase in initial storage volume.

Figure 5-7 shows the cumulative (or total) probability of failure, by starting element, for Runs R1-R6. Each curve becomes asymptotic at the total system probability of failure. Without the IORs, probability of failure ranges from 0.38% (2.6 months of failure for the 672 month simulation period of record) to 2.64% (17.7 months of failure). However, with the IORs, the corresponding probabilities of failure range from zero to 0.03% (less than one failure during the 672 month simulation record)(Figure 5-8).

5.2.2.3 Statistical Review of Monthly Simulations

Monthly statistics of (1) LCC releases, (2) uncontrolled spills, (3) end-of-month content, (4) Nueces Bay inflows, and (5) M&I supply, under baseline operation with and without the proposed IORs, are shown in Tables 5-21 through 5-29. Examination of maximum, minimum, median and arithmetic means of both the monthly and annual values reveals that the majority of these data are non-normally distributed and are represented by frequency distributions skewed to the right. In some instances, however, the median value is much higher than the arithmetic mean, which would indicate a distribution skewed to the left. With non-normally distributed data, the arithmetic mean is generally not considered an appropriate measure of the central tendency of the data. Likewise, the median value can often be misleading when evaluating skewed data sets, which may contain large numbers of zeros. In order to compensate for these short comings, the geometric mean was selected for each data set to give a distribution-independent measure of central tendency. The geometric mean is the value that divides the area under the frequency distribution curve into two areas of equal size, thereby reducing the influence of extremes on the measure of cen

6.0 INTERPRETATION OF RESULTS

6.1 Comparison With Baseline (Full-Capture Operation) Conditions

Most reservoir system design and firm yield analyses are predicated on maximum utilization of the resource, i.e., full-capture operation. Often, however, there are competing demands for that resource, which result in an operating plan that offers less than a maximum firm yield operation. Such a situation results from an attempt to satisfy some, but usually not all, of competing needs based on a list of priority users. Such is the case for the operation of the Choke Canyon Reservoir, Lake Corpus Christi and Nueces Bay (CCR/LCC/NB) system.

Full-capture operation of the CCR/LCC Reservoir system ignores the freshwater inflow requirements of Nueces Bay and the Nueces Estuary. Because there is less real demand on the system throughout the 1990-2040 study period, the parameters used to measure differences between proposed operational scenarios, with the exception of Nueces Bay inflows, are at their highest. The following conclusions describe the 1990, 2010 and 2040 (Runs R01, R02, and R03) baseline (full-capture operation) simulations.

- Under all three simulations, there are zero predicted system failures. This is because all three M&I demands are at or below the system firm annual yield and the competing B&E inflow requirements are ignored.

- The probability of uncontrolled spills increases with the amount of beginning of year storage content but generally decreases with time into the future. By 2040, the M&I demand on the system will increase by 52%. But, there will also be a significant reduction in total storage volume due to sediment accumulation, especially in LCC. The system will have a reduced capacity to capture flood waters but there will be a higher demand on the system.

- For 1990 conditions:

  a. LCC spills will vary from zero to 2,404,216 ac-ft/yr with a geometric mean of only 12,806 ac-ft/yr.

  b. LCC end-of-month storage will vary from 59,797 ac-ft/yr to 235,932 ac-ft/yr, with a geometric mean of 176,853 ac-ft/yr.

  c. Nueces Bay total inflows will vary from 7,800 ac-ft/yr to 2,243,721 ac-ft/yr with a geometric mean of 117,740 ac-ft/yr.

- For 2040 conditions:

  a. LCC spills will vary from zero to 2,339,030 ac-ft/yr with a geometric mean of only 6,724 ac-ft/yr.

  b. LCC end-of-month storage will vary from 9,850 ac-ft/yr to 169,842 ac-ft/yr, with a geometric mean of 135,064 ac-ft/yr.

  c. Nueces Bay total inflows will vary from 7,800 ac-ft/yr to 2,217,121 ac-ft/yr with a geometric mean of 86,749 ac-ft/yr.

6.2 Comparison of Operations With and Without Interim Operation Rules (IORs)

6.2.1 1990 Sediment Accumulation, M&I Demand and Return Flows

The impacts of the IORs on the CCR/LCC system are less evident in 1990 than they will be in the year 2040. The current M&I demand is only 130,000 ac-ft/yr, 66% of the projected 2040 system firm yield of 197,000 ac-ft/yr. As Lake Corpus Christi fills with sediment, an approximate 60,000 ac-ft by 2040, the impacts of the IORs are more pronounced because of the reduced system volume.

- The probability of failure is low for the system operated with and without the IORs. Without the rules, the probability of failure is 0.38% or about two monthly failures during the 56 year period of record. With the IORs, there would be no failures.

- The magnitude of uncontrolled spills from LCC is increased under the IORs. More water is held in reserve in LCC as a result of relaxed and frequently suspended B&E release requirements. This reduces the ability of the system to capture moderate floods.

- The amounts of LCC designated releases decrease with the IORs. This is due in large measure to the proposed redirection of some future return flows from other portions of the estuary system back to Nueces Bay. In addition, the IORs allow for cessation of designated releases under Water Conservation Condition III.

- Annual total inflows to the Nueces Estuary are very similar for operations with and without the IORs. Without the IORs there are more dedicated releases; with the IORs there are more spills.

- Cumulative inflows to the Nueces Bay and the Nueces Estuary are nearly the same with and without the proposed IORs. Under 1990 operation conditions there is insufficient M&I demand on the system to allow the IORs to exert a major impact on the system.

- Typical LCC water storage levels will be less with the proposed IORs than would be under full-capture operation. Without the IORs, storage levels will be approximately 27% less than full-capture operation.

- Without the proposed IORs, the full 130,000 ac-ft/yr of M&I can be satisfied. However, with the proposed rules, only 128,700 ac-ft would be available for M&I uses in the severest drought year.

6.2.2 2040 Sediment Accumulation, M&I Demand and Return Flows

The true impact of the proposed IORs and return flow point relocation becomes more apparent with simulations performed using 2040 sediment, demand and return flow conditions. Sediment accumulations will have reduced the capacity of LCC by 60,000 ac-ft and CCR by some lesser amount. The M&I demand on the system will have increased to at least 197,000 ac-ft/yr. And, return flows would be sufficient, if directed totally to Nueces Bay, to satisfy the 92,000 ac-ft/yr Nueces bay inflow requirement, but would still not be sufficient to satisfy the 151,000 ac-ft/yr Nueces Estuary inflow requirement.

- The probability of failure without the IORs will be approximately 2.6% (at least seventeen (17) monthly failures during the 56 year simulation period). With the IORs, the probability of failure will be only 0.02% (or no failures).

- The magnitude of total annual uncontrolled spills is considerably higher with the IORs than without the rules. That is because the relaxed or suspended release requirements afforded by the IORs result in more water in storage, which reduces the system's ability to capture flood flows.

- Bay and estuary releases are considerably less with the proposed IORs. There are two reasons for this. The first is that uncontrolled spills are considerably higher with the IORs and spills banking carries some of that impact over into subsequent months. The second is that because some return flows are directed back to Nueces Bay, less water must be released from storage to satisfy the inflow requirements.

- With the IORs, the total inflow to Nueces Bay is greater than without the rules. This is also because spills are higher and some return flows are redirected to Nueces Bay.

- The cumulative inflow into Nueces Bay is considerably higher with the IORs.

- The end-of-month content of LCC is considerably higher with the IORs. The reductions and suspension of required releases under water conservation management results in more water remaining in the system.

- The firm yield without the operating rules is approximately 191,000 ac-ft/yr. However, with the proposed rules that yield is reduced to 180,000 ac-ft/yr. Thus, the feasibility of operation afforded by the rules is not without costs.

```
$DEBUG
$large
C     MICHAEL SULLIVAN AND ASSOCIATES, INC.
C     NUECES  CPM  MAIN PROGRAM
C     CONDITIONAL PROBABILITY MODEL FOR A TWO RESERVOIR SYSTEM:
C     THE SIMULATION MODE PERFORMS THE SYSTEM OPERATION:
C     ALLOWS FOR RELEASES (AND REDUCTIONS)
C     ALLOWS FOR DEMAND REDUCTION RULES
C
      COMMON /PM/ IZT(65,65), ZT(65,65), SZT(65,65),
     1            IFAIL(65) ,  FAIL(65),  PROB(65)
      COMMON /IO/ KIN, KOUT, KTAPE1, KTAPE2, NYR
C
      DIMENSION ELEVA(30), AREAA(30), CAPA(30) , DUM(60)
      DIMENSION ELEVB(30), AREAB(30), CAPB(30), ISPILL(65), IIREL(65)
      DIMENSION EVAPA (12,60), EVAPB (12,60), FLOWA(13,60), FLOWB(13,60)
      DIMENSION ELOSSA(13,60), ELOSSB(13,60), RELA (13,60), RELB (13,60)
      DIMENSION ADEMM (13,60), SPILLA(13,60), EOMA (13,60), EOMB (13,60)
      DIMENSION RETN  (13,60), TOTBE (13,60), SUPPLY(13,60),SBANK(13,60)
C
      DIMENSION KV50(65),KV40(65),KV30(65),KV20(65),KV0(65)
      DIMENSION FACA(5), FACB(5), ZCAPA(65), ZCAPB(65), ZCAP(65)
      DIMENSION DEMDIS(12), RELES1(12), RELES2(12), DUMX(8)
      DIMENSION REDUC1(12), REDUC2(12), REDUC3(12)
      DIMENSION REDUK1(12), REDUK2(12), REDUK3(12)
      DIMENSION W28MUN(12), W28IND(12), W28IRR(12), W29IRR(12)
C
      CHARACTER NAMEA*80, NAMEB*80 , TITLE1*80, TITLE2*80, NAME*75
      CHARACTER KMON(12)*3,IFX*1,NPHASE*3,FILEIN*64,FILEOUT*64
      REAL LCCMAX, LCC88, LCC76, LCC6, MEDIAN(12), LCCREL, LCCMIN
      DATA KMON /'JAN','FEB','MAR','APR','MAY','JUN',
     1          'JUL','AUG','SEP','OCT','NOV','DEC'/
C
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C              ++++ RUN PARAMETERS ++++                          +
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C
CA80  TITLE1    TITLE OF THE RUN : DOCUMENTATION
CA80  TITLE2      "       "      "
CA80  NAMEA     NAME OF DOWNSTREAM RESERVOIR : LAKE CORPUS CHRISTI
CA80  NAMEB     NAME OF UPSTREAM RESERVOIR   : CHOKE CANYON RESERVOIR
C
C
CF10  LCC88     LCC CAPACITY AT ELEV 88
CF10  LCC76     LCC CAPACITY AT ELEV 76
CF10  LCC6      LCC CAPACITY AT 6' DRAWDOWN
CF10  LCCMIN    LCC MINIMUM OPERATING CAPACITY
CF10  CCR204    CCR CAPACITY AT ELEV 204
CF10  CCR155    CCR CAPACITY AT ELEV 155
CF10  CCR6      CCR CAPACITY AT 6' DRAWDOWN
CF10  CCRMIN    CCR MINIMUM OPERATING CAPACITY
C
C
```

```
CI1    IBANK     = 1    PRINT SPILL BANKING
CI4    IBEG      BEGIN YEAR     XX
CI5    IEND      END   YEAR     XX
CI5    ISKIP     SKIP  ALL PROBABILITY PRINTOUT (SIM MODE ONLY)
CI5    LONGPR    = 1   LONG/DETAILED PRINTOUTS FOR SIMULATION  MODE
C                = 2     "                 "          PROBABILITY MODE
C                = 3     "                 "             BOTH
CI5    MODE      = 0   NO INTERIM RULES
C                  1   USE INTERIM RELEASE RULES AND SPILL BANKING
CI5    KSIM      START ZONE FOR SIMULATION MODE (DEFAULT IS NUMZ)
CI5    KZONE     ZONE FOR DETAILED PRINTOUT : PROBABILITY MODE
CF5    FLIMIT    LIMIT FOR ACCEPTANCE OF FAILURE
CF5    RTNFLW    = .XXXX   RETURN FLOW FACTOR
CF5    ALOSS     CHANNEL LOSS BELOW SITEA   EX:  .93
CF10   DEMAND    ANNUAL DEMAND IN ACRE-FEET
CF10   REQREL    REQUIRED RELEASE/MONTH FOR BAYS AND ESTUARIES
C                (CHOKE CANYON'S REQUIRED 2000 AC-FT/MONTH)
CF10   BEDEMM    REQUIRED SYSTEM INFLOWS TO THE BAYS AND ESTUARIES
C
C
C      DEMDIS()  MONTHLY DISTRIBUTIONS OF ANNUAL DEMAND
C
C      PERCT1
C      RELES1()  DISTRIBUTIONS TO BE USED FOR BEDEMM        VOL > PERCT1   40%
C                BEDMD USED INTERNALLY TO ALLOW FOR SPILL BANKING
C
C      XXXXXX
C      TRGGR5    TRGGR4  TRGGR3  TRGGR2  {PERCENT OF TOTAL CONTENT TRIGGERS}
C
C      PERCT3
C      MEDIAN()  HISTORICAL MEDIAN INFLOWS: CCR             VOL < PERCT3   30%
C
C      PERCT4
C      REDUK1()  MONTHLY REDUCTIONS IN M&I DEMAND           VOL < PERCT4   50%
C
C
C      PERCT5
C      REDUK2()  MONTHLY REDUCTIONS IN M&I DEMAND           VOL < PERCT5   40%
C
C      PERCT6
C      REDUK3()  MONTHLY REDUCTIONS IN M&I DEMAND           VOL < PERCT6   30%
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C        ++++ FOR SITE A & SITE B ++++                       +
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C
C      NPTSX     NUMBER OF E-A-C VALUES
C      AREAX()   CAPA()  AREA/CAPACITY TABLE
C
C      NUMZX     NUMBER OF ZONES
C      ZCAPX()   ZONE CAPACITIES FOR SITE A
C
C      NFLWSX    NUMBER OF INFLOW SETS
C            +++ FOR EACH SET OF INFLOWS +++
C      FACX      INFLOW MODIFICATION FACTOR
C      NAME      INFLOW IDENTIFICATION NAME
C      FLOWX()   INFLOWS FOR EACH MONTH, EACH YEAR
C
C      EVAPX()   NET RESERVOIR EVAP IN FEET
```

```
C
C+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C
      KIN=5
      KOUT=6
      KTAPE1=12
      KTAPE2=13
      KTAPE3=14
      KTAPE4=15
      NPG=3
      ISIM=0
      KPOP=1
C
C**** READ RUN PARAMETERS ****
C
   50 READ(KIN,60,END=9999)  TITLE1, TITLE2, NAMEA, NAMEB
   60 FORMAT(A80)
C
      READ(KIN,66)   LCC88,  LCC76, LCC6, LCCMIN,
     1               CCR204, CCR155, CCR6, CCRMIN
   66 FORMAT(8F10.0)
      IF(LCCMIN .LT. 0.1)  LCCMIN=0.1
      IF(CCRMIN .LT. 0.1)  CCRMIN=0.1
C
      READ(KIN,70) IBANK,   IBEG,  IEND,  ISKIP, LONGPR, MODE   , KSIM,
     1      KZONE, FLIMIT, RTNFLW, ALOSS, DEMAND, REQREL, BEDEMM
   70 FORMAT(I1,I4,6I5,3F5.0,3F10.0,)
      NYR=IEND-IBEG + 1
      XMTHS=NYR*12
      READ(KIN,76)   DUMX(1),DEMDIS,
     1               PERCT1, RELES1,
     2               DUMX(1),TRGGR5,TRGGR4,TRGGR3,TRGGR2,(DUMX(I),I=1,8),
     3               PERCT3, MEDIAN,
     4               PERCT4, REDUK1,
     5               PERCT5, REDUK2,
     6               PERCT6, REDUK3
   76 FORMAT(4X,F4.0,12F6.0)
C
      WRITE(*,92)
   92 FORMAT(2X,'READ INPUT PARAMETERS' )
C
      CALL SUBIN(NFLWSA, NUMZA, ELEVA,
     1      AREAA, CAPA, ZCAPA, FACA, FLOWA, EVAPA,  NPTSA )
      WRITE(*,94)
   94 FORMAT(2X,'READ SITE A' )
      CALL SUBIN(NFLWSB, NUMZB, ELEVB,
     1      AREAB, CAPB, ZCAPB, FACB, FLOWB, EVAPB,  NPTSB )
      WRITE(*,96)
   96 FORMAT(2X,'READ SITE B' / 2X,'**WORKING**')
C
C**** FOR BEDEMM : COMPUTE % AND DISTRIBUTE MONTHLY ****
C
      SUM=0.0
      DO 101 I=1,12
  101 SUM=SUM + RELES1(I)
      DO 102 I=1,12
      RELES1(I)=(RELES1(I)/SUM) * BEDEMM
  102 CONTINUE
```

```
C
C**** SUBTRACT THE REDUCTIONS FROM 1.0 = REDUCTION MULTIPLIER ****
C
      DO 104 I=1,12
      REDUC1(I)=1.0 - REDUK1(I)
      REDUC2(I)=1.0 - REDUK2(I)
      REDUC3(I)=1.0 - REDUK3(I)
  104 CONTINUE
C
C**** COMBINE THE ZONES ****
C
      NUMZ=NUMZA + NUMZB
      DO 110 I=1,NUMZA
  110 ZCAP(I)=ZCAPA(I)
      DO 114 I=1,NUMZB
      J=NUMZA + I
      ZCAP(J)=ZCAPB(I) + ZCAPA(NUMZA)
  114 CONTINUE
C
C**** REDEFINE ZONE ONE TO:   MINIMUMS + 10 AC-FT ****
C
      ZCAP(1)=LCCMIN + CCRMIN + 10.0
C
      IF(KSIM  .EQ. 0)  KSIM  = NUMZ
      IF(KZONE .EQ. 0)  KZONE = NUMZ
C
C**** INITIALIZE COUNTERS FOR PROBABILITY MODE ****
C
      DO 130 K=1,NUMZ
      FAIL(K)=0.0
      PROB(K)=0.0
      IFAIL (K)=0
      ISPILL(K)=0
      IIREL (K)=0
      KV50(K)=0
      KV40(K)=0
      KV30(K)=0
      KV20(K)=0
      KV0 (K)=0
      DO 130 L=1,NUMZ
      IZT(L,K)=0
      SZT(L,K)=0.0
      ZT (L,K)=0.0
  130 CONTINUE
C
C**** COMPUTE CAPACITY VARIABLES ****
C
      LCCMAX = CAPA(NPTSA)
      CCRMAX = CAPB(NPTSB)
      TOTCAP = LCCMAX + CCRMAX
      TOT5   = TOTCAP*TRGGR5
      TOT4   = TOTCAP*TRGGR4
      TOT3   = TOTCAP*TRGGR3
      TOT2   = TOTCAP*TRGGR2
C
C**** ECHO PRINT INPUT PARAMETERS ****
C
```

```
      WRITE(KOUT,132) TITLE1, TITLE2, NAMEA, NAMEB, IBANK, IBEG , IEND,
     1  ISKIP, LONGPR, MODE, KSIM, KMODE, FLIMIT, RTNFLW, ALOSS,
     2  DEMAND, REQREL, BEDEMM
  132 FORMAT('1', 19X, A80 / 20X,A80 / 2X,A80 / 2X,A80 /
     1  2X,'IBANK  :  ' ,I9    /
     2  2X,'IBEG   :       19' ,  I2 / 2X,'IEND   :       19' , I2 /
     3  2X,'ISKIP  : ' ,I9    /  2X,'LONGPR : '  ,I9     /
     4  2X,'MODE   :          ' ,  I2 / 2X,'KSIM   :          ' , I2 /
     5  2X,'KZONE  : ' ,I9    /
     6  2X,'FLIMIT : ' ,F9.2  /  2X,'RTNFLW : '  ,F9.2   /
     7  2X,'ALOSS  : ' ,F9.2  /  2X,'DEMAND : '  ,F10.0  /
     8  2X,'REQREL : ' ,F10.0 /  2X,'BEDEMM : '  ,F10.0  /  )
C
      WRITE(KOUT,134)
     1   TOTCAP, TOT5, TOT4, TOT3, TOT2, LCCMAX,  LCC76,
     2   LCCMIN, CCRMAX, CCR155, CCRMIN, DEMDIS, PERCT1,
     3   RELES1, TRGGR5, TRGGR4, TRGGR3, TRGGR2, PERCT3, MEDIAN,
     4   PERCT4, REDUK1, PERCT5, REDUK2, PERCT6,REDUK3,
     5   PERCT4, REDUC1, PERCT5, REDUC2, PERCT6,REDUC3,
C
  134 FORMAT(2X,'TOTCAP : ' ,F10.0   /
     1  2X,'TOT5   : ' ,F10.0   / 2X,'TOT4   : ' ,F10.0   /
     2  2X,'TOT3   : ' ,F10.0   / 2X,'TOT2   : ' ,F10.0   /
     3  2X,'LCCMAX : ' ,F10.0   / 2X,'LCC76  : ' ,F10.0   /
     4  2X,'LCCMIN : ' ,F10.0   / 2X,'CCRMAX : ' ,F10.0   /
     5  2X,'CCR155 : ' ,F10.0   / 2X,'CCRMIN : ' ,F10.0   //
     6  2X,'DEMDIS :       ' ,12F10.4 /
     7  2X,'RELES1 V ',F3.2 ,12F10.0 /
     8  2X,'TRIGGERS     ' , 4F10.2 /
     9  2X,'MEDIAN V ',F3.2 ,12F10.0 //
     1  2X,'******** INPUT REDUCTIONS ********' /
     2  2X,'REDUK1 V' ,F3.2 ,12F10.2 /
     3  2X,'REDUK2 V' ,F3.2 ,12F10.2 /
     4  2X,'REDUK3 V' ,F3.2 ,12F10.2 //
     5  2X,'******** COMPUTED REDUCTION MULTIPLIERS ********'/
     6  2X,'REDUC1 V' ,F3.2 ,12F10.2 /
     7  2X,'REDUC2 V' ,F3.2 ,12F10.2 /
     8  2X,'REDUC3 V' ,F3.2 ,12F10.2 / )
C
C*****************************************************************
C                  ++++ BEGIN RESERVOIR OPERATION ++++
C                  ++ FOR EACH YEAR : FOR EACH ZONE ++
C*****************************************************************
C++++ INITIALIZE VARIABLES FOR BIG LOOP ++++
  140 EOMP  = ZCAP(NUMZ)
      BEDMD = RELES1(1)
      SPLAST=0.0
      DO 150 J=1,NYR
      DO 150 I=1,12
  150 SBANK(I,J)=0.0
      ISTART=1
      IFIN=NUMZ
      IF(ISIM .GT. 0)  ISTART = KSIM
      IF(ISIM .GT. 0)  IFIN   = KSIM
```

```
C
      DO 2200 K=ISTART,IFIN
      DO 2160 J=1,NYR
      IF(ISIM .GT. 0  .AND. J .NE. 1)  GO TO 196
C
C**** DETERMINE STARTING CAPACITIES ****                          EOMP  <  LCCMAX
C         FOR PROBABILITY MODE                                    CHOKE    EMPTY
      EOMP=ZCAP(K)
      IF(EOMP .GT. LCCMAX)  GO TO 180
      EOM=EOMP
      EOMCCR=0.0
      GO TO 190
C                                                                 EOMP  >  LCCMAX
  180 EOM=LCCMAX
      EOMCCR=EOMP - LCCMAX
      EOMP=LCCMAX
  190 EOMPB=EOMCCR
  196 CONTINUE
C
C************************ FOR EACH MONTH ***************************************
C
      DO 1900  I=1,12
      DEMM   = (DEMAND * DEMDIS(I)) / ALOSS
      VOL    = EOMP + EOMCCR
      FLOWAA = FLOWA(I,J)
      FLOWBB = FLOWB(I,J)
      EVAPAA = EVAPA(I,J)
      EVAPBB = EVAPB(I,J)
      IFX='N'
C                                                  **  RETURN >= 5000 AC-FT
      RETURN = DEMAND*DEMDIS(I)*RTNFLW
C
      BEDMD  = RELES1(I)
      BEDMDI = 0.5*BEDMD
C
      LCCREL = (BEDMD - RETURN) / ALOSS
      IF(LCCREL  .LT. 0.0)    LCCREL=0.0
      IF(ISIM .EQ. 0  .AND.  I .EQ. 1)   DEMLST=DEMM
      IF(ISIM .EQ. 0  .AND.  I .EQ. 1)   RELLST=LCCREL
C*******************************************************************************
C          ++++  BEGIN OPERATION OF LAKE CORPUS CHRISTI ++++
C*******************************************************************************
C          ++++++++++++++++++++++++++++++++++++++++++++++++++
C          + INTERIM OPERATING RULES FOR LAKE CORPUS CHRISTI +
C          ++++++++++++++++++++++++++++++++++++++++++++++++++
C
      IF(MODE .EQ. 0)   GO TO 400
C                                                 **    LAST MONTH'S SPILL
C                                                    AVAILABLE FOR S-BANKING **
      SBANKI = SPLAST
C                                                          VOL > TOT5
      IF(VOL .LT. TOT5)  GO TO 210
      IRULE=200
      KV50(K)=KV50(K) + 1
      IF(SBANKI .GE. BEDMDI) BEDMD = BEDMDI
      IF(SBANKI .LT. BEDMDI) BEDMD = BEDMD - SBANKI
      LCCREL=(BEDMD - RETURN) / ALOSS
      IF(LCCREL  .LT. 0.0)    LCCREL=0.0
      GO TO 410
```

```
C
      IF(VOL .LT. TOT4)  GO TO 220                                  TOT4 < VOL < TOT5  210
      IRULE=210
      KV40(K)=KV40(K) + 1
      RETURN=DEMM*REDUC1(I)*RTNFLW
      DEMM=DEMM*REDUC1(I)
      IF(SBANKI .GE. BEDMDI) BEDMD = BEDMDI
      IF(SBANKI .LT. BEDMDI) BEDMD = BEDMD - SBANKI
      LCCREL=(BEDMD - RETURN) / ALOSS
      IF(LCCREL  .LT. 0.0)    LCCREL=0.0
      GO TO 410
C
  220 IF(VOL .LT. TOT3)  GO TO 240                                  TOT3 < VOL < TOT4
  222 IRULE=222
      KV30(K)=KV30(K) + 1
C
      RETURN=DEMM*REDUC2(I)*RTNFLW                                  REDUCE DEMANDS & RETURNS
      DEMM=DEMM*REDUC2(I)
C
      BEDMD = 0.5*BEDMD                                             REDUCE B&E BY 50%
      BEDMDI = 0.5*BEDMD
      IF(SBANKI .GE. BEDMDI) BEDMD = BEDMDI
      IF(SBANKI .LT. BEDMDI) BEDMD = BEDMD - SBANKI
      LCCREL=(BEDMD - RETURN) / ALOSS
      IF(LCCREL .LT. 0.0)   LCCREL=0.0
      GO TO 410
C
  240 IF(VOL .LT. TOT2)  GO TO 260                                  TOT2 < VOL < TOT3
      IRULE=240
      KV20(K)=KV20(K) + 1
      IF(EOMCCR  .GE. (0.3*CCRMAX))  GO TO 222
      RETURN=DEMM*REDUC3(I)*RTNFLW
C
      LCCREL=0.0                                                    NO   B & E
      DEMM=DEMM*REDUC3(I)
      GO TO 410
C**** VOL < TOT2 : NO RELEASE ****                                        VOL < TOT2
  260 IRULE=260
      KV0(K)=KV0(K) + 1
      LCCREL=0.0
      RETURN=DEMM*REDUC3(I)*RTNFLW
      DEMM=DEMM*REDUC3(I)
      GO TO 410
C
C**** DETERMINE STORAGE VOLUMES FOR MODE=ZERO RUNS ****
C
  400 IIV=(VOL/TOTCAP)*10.0 + 1.005
      IF(IIV .GT. 6)  IIV=6
      GO TO(401,401,402,403,404,405), IIV
  401 KV0(K) = KV0(K)  + 1
      GO TO 410
  402 KV20(K)= KV20(K) + 1
      GO TO 410
  403 KV30(K)= KV30(K) + 1
      GO TO 410
  404 KV40(K)= KV40(K) + 1
      GO TO 410
  405 KV50(K)= KV50(K) + 1
      GO TO 410
```

```
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C***  COMPUTE LAKE CORPUS CHRISTI EOM CONTENT : FIRST PASS ****
C**** COMPUTE FIRST ESTIMATE OF EVAP LOSS :  EVPQ ****
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
  410 SBANK(I,J)=SBANKI
      EOM1=EOMP + FLOWAA - DEMM - LCCREL
      XEOM1=EOM1
      IF(XEOM1 .LT. 0.0)    XEOM1=0.0
      CALL AEVAP(XEOM1,EOMP,LCCMAX,NPTSA,CAPA,AREAA,EVAPAA,AREAEM,EVPX)
      EOM1=EOM1 - EVPX
      EOM=EOM1
C
      IJUMP=1
      IF(IJUMP .EQ. 1)  GO TO 800
C
C++++ NOTE: THE CURRENT MODEL JUMPS AROUND THE CODE FOR PHASES II & III++++
C++++       SO THAT THEY ARE DISABLED BUT SIMPLE TO RE-INSTATE         ++++
C
C                             ++++++++
C*************************** PHASE II  ***************************
C                             ++++++++

  416 IF(DEMAND .GT. 150000.)  GO TO 600
C                                                          EOM  >  LCC88
      NPHASE=' II'
      IF(EOM .LT. LCC88)       GO TO 420
      IPHASE=416
      RNEED=REQREL*0.74*0.95
      GO TO 1000
C                                                          EOM  <  LCC88
  420 IF(EOMCCR .LT. CCR204)   GO TO 440
      IPHASE=420
      RNEED=LCC88 - EOM
      GO TO 1000
C**** SPECIAL CONDITION ****                            EOMCCR  <  CCR204
  440 IPHASE=440
      RNEED=DEMLST + RELLST
      GO TO 1000
C                             +++++++++
C*************************** PHASE III  ************************
C                             +++++++++
  600 IF(DEMAND .GT. 200000.)     GO TO 800
C                                                          EOM  >  LCC88
      NPHASE='III'
      IF(EOM .LT. LCC88)  GO TO 620
      IPHASE=616
      RNEED=REQREL*0.74*0.95
      GO TO 1000
C                                                          EOM  <  LCC88
  620 IF(EOM .LT. 1.0)    GO TO 640
      EOMPXX=1.
      IF(EOMP .GT. 1.)  EOMPXX=EOMP
      IF(EOMPB/EOMPXX .LT. CCR6/LCC6)  GO TO 640
      IPHASE=620
      RNEED=DEMLST + RELLST
      GO TO 1000
C**** RATIO < 6FT DRAWDOWN RATIO : FILL WATER ****          CAP < DRAW6
  640 IPHASE=640
      RNEED=LCC88 - EOM
      GO TO 1000
```

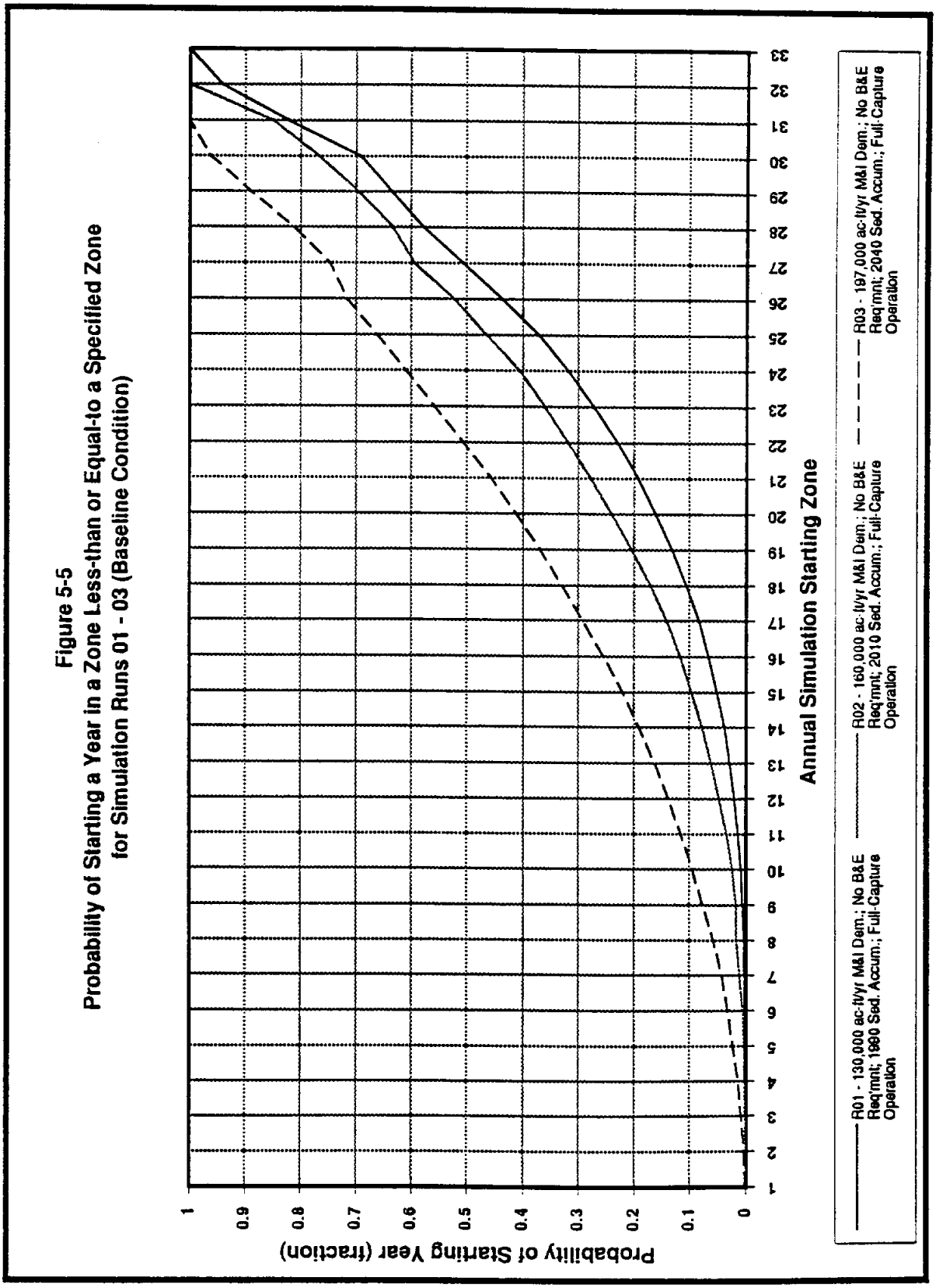
```
C                              ++++++++
C**************************  PHASE IV  **************************
C                              ++++++++
C
  800 NPHASE=' IV'                                                    EOM  >  LCC76
      IF(EOM .LT. LCC76)  GO TO 820
      IPHASE=800
      RNEED=REQREL*0.74*0.95
      GO TO 1000
C
  820 IF(EOMCCR .GT. CCR155)  GO TO 840                               EOM  <  LCC76
      IPHASE=820
      RNEED=0.0
      GO TO 1000
C**** FILL WATER ****
  840 IPHASE=840                                                  EOMCCR  >  CCR155
      RNEED=LCC76 - EOM
      GO TO 1000
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C****  COMPUTE EOM CONTENT FOR CHOKE CANYON RESERVOIR  ****
C++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 1000 RRNEED=RNEED / (0.74*0.95)
      EOMC=EOMPB + FLOWBB - RRNEED
      IF(EOMC .LT. 0.0)  EOMC=0.0
      CALL AEVAP(EOMC,EOMPB,CCRMAX,NPTSB,CAPB,AREAB,EVAPBB,AREAEM,EVPB)
      EOMC=EOMC - EVPB
      IF(EOMC .LT. 0.0)  EOMC=0.0
C
      IF(EOMC - CCR155)   1040,1060,1060
C                                                                     EOMC  <  CCR155
C**** RECOMPUTE WITHOUT RRNEED ****
 1040 IICCR=1040
      CCRREL=0.0
      EOMCCR=EOMPB + FLOWBB - EVPB
      IF(EOMCCR .LE. CCR155)  GO TO 1200
C**** DRY....PARTIAL RELEASE ****
      IICCR=1050
      CCRREL=(EOMCCR - CCR155)*0.74*0.95
      EOMCCR=CCR155
      GO TO 1200
C**** WET....FULL RELEASE ****                                        EOMCCR  >  CCR155
 1060 IF(EOMC .GT. CCRMAX)    GO TO 1080
      IICCR=1060
      CCRREL=RNEED
      EOMCCR=EOMC
      GO TO 1400
C**** SPILL ****                                                      EOMCCR  >  MAX
 1080 IICCR=1080
      CCRREL=(EOMC - CCRMAX)*0.74*0.95  +  RNEED
      EOMCCR=CCRMAX
      GO TO 1400
C
C**** RECOMPUTE EVAP AND ADJUST EOMCCR OR RELEASE****
C
 1200 EOMC1=EOMCCR
      CALL AEVAP(EOMC1,EOMPB,CCRMAX,NPTSB,CAPB,AREAB,EVAPBB,AREAEM,EVPC)
      EVPADJ=EVPC - EVPB
      EVPB=EVPC
      IF(IICCR .EQ. 1040)   EOMCCR=EOMCCR  -  EVPADJ
      IF(IICCR .EQ. 1050)   CCRREL=CCRREL  - (EVPADJ)*.074*.095
```

```
C+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C********  LAKE CORPUS CHRISTI  ++ SECOND PASS +++ *********
C+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C**** INITIALIZE VARIABLES ****
 1400 SPILL=0.0
      SHORT=0.0
      SDEM=0.0
      SREL=0.0
      SRT=0.
      SUPPLY(I,J)=0.0
C**** ADJUST EOM FOR CCRREL & RECOMPUTE EVAP LOSS ****
      XEOM=EOM + CCRREL
      XEOM1=XEOM
      IF(XEOM1 .LT. 0.0)  XEOM1=0.0
      CALL AEVAP(XEOM1,EOMP,LCCMAX,NPTSA,CAPA,AREAA,EVAPAA,AREAEM,EVPQ)
      EVPADJ=EVPQ - EVPX
      XEOM=XEOM - EVPADJ
C
      IF(XEOM .GT. 0.0)  GO TO 1460
C**** COMPUTE DEMAND & RELEASE SHORTAGES ****                    EOM  <  0.0
      IILCC=1400
      SHORT=LCCMIN - XEOM
      SDEM=SHORT*(DEMM/(DEMM+LCCREL))
      SREL=SHORT*(LCCREL/(DEMM+LCCREL))
      SRT=SDEM*DEMDIS(I)*RTNFLW
      EOM=0.0
      GO TO 1500
C
C**** CHECK VOLUMES ****                                          EOM  > 0.0
C
 1460 IF(XEOM .GT. LCCMAX)  GO TO 1480
      IILCC=1460
      EOM=XEOM
      GO TO 1500
C**** SPILL ****                                            EOM  > MAX
 1480 IILCC=1480
      SPILL=XEOM - LCCMAX
      EOM=LCCMAX
C                                                  ** REDUCE RELEASE BY SPILL **
 1500 LCCREL = LCCREL - SPILL
      IF(LCCREL .LE. 0.0) LCCREL = 0.0
C+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C+    CHECK FOR FAILURE : SPILL : RELEASE FROM LCC             +
C+    EOM < MINPOOL   INCREMENT THE START ZONE FAILURE TABLE   +
C+++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
C
 1600 IF(EOM .LT. LCCMIN)    IFX='Y'
      IF(EOM .LT. LCCMIN)    IFAIL (K) = IFAIL (K) + 1
      IF(SPILL  .GT. 0.0)    ISPILL(K) = ISPILL(K) + 1
      IF(LCCREL .GT. 0.0)    IIREL (K) = IIREL (K) + 1
C
C**** PRINT VARIABLES FOR RUN VALIDATION: PROBABILITY MODE ****
C
      IF(K .NE. KZONE  .OR.  ISIM .EQ. 1)  GO TO 1700
      IF(ISKIP  .GT. 0)    GO TO 1700
      IF(LONGPR .LT. 2)    GO TO 1700
C
```

```
      IF(I  .EQ. 1)   WRITE(KOUT,1630)
 1630 FORMAT(1H1/2X,'ZONE  YEAR   MTH'
     1   '                    EOMP       FLOW       DEMM' ,
     2   '     LCCREL       EVPX                  RETURN      EOM1' /
     3   '  RULE   NPH  IPHS                ',    '    EOMPB' ,
     4   '       FLOW    RRNEED                    EVPB   EOMCCR1' /
     5   '   IFX',11X,' IICCR IILCC',33X,
     6   '  CCRREL                EOMCCR     SPILL       EOM' )
C                                                                      ** PRINTS**
      JYR=1899 + IBEG + J
      WRITE(KOUT,1640)    K, JYR, I, EOMP, FLOWAA, DEMM, LCCREL, EVPX,
     1       RETURN, EOM1
 1640 FORMAT(/2X,I4,2I6,13X,5F10.0,10X,2F10.0)
C
      WRITE(KOUT,1650)  IRULE, NPHASE , IPHASE, EOMPB, FLOWBB , RRNEED,
     1       EVPB , EOMC
 1650 FORMAT(2X,I4,3X,A3,I6,13X,3F10.0,10X,2F10.0)
      WRITE(KOUT,1660)   IFX, IICCR, IILCC, CCRREL, EOMCCR, SPILL, EOM
 1660 FORMAT(4X,A1,10X,2I6,34X,F10.0,10X,3F10.0)
C++++++++++++++++++++++++++++++++++++++++++++++
C**** PRINT VARIABLES FOR SIMULATION MODE ****
C++++++++++++++++++++++++++++++++++++++++++++++
 1700 IF(ISIM   .EQ. 0)   GO TO 1800
C**** COMPUTE BEFLOW (INCLUDES SPILLS & RELEASES) : COMPUTE SUPPLY ****
      ARETRN=RETURN
      IF(MODE .EQ. 0)  ARETRN=650
C**** THE 650 IS REQUIRED FOR THE ALLEN WASTE WATER TREATMENT PLANT ****
      BEFLOW = ((LCCREL-SREL)+SPILL)*ALOSS + ARETRN - SRT
      SUPPLY(I,J)=(DEMM - SDEM) * ALOSS
C
      IF(LONGPR .EQ. 0  .OR.  LONGPR .EQ. 2)   GO TO 1740
      VOLX=(EOM+EOMCCR) / TOTCAP
      IF(J .EQ. 1)  GO TO 1706
      JYR1=J-1
      IF((JYR1/NPG*NPG)  .EQ.  JYR1  .AND.  I .EQ. 1)  KPOP=1
 1706 IF(KPOP .EQ. 1)    WRITE(KOUT,1710)  TITLE1, TITLE2
 1710 FORMAT('1',19X,A80/20X,A80/16X,'*-----CHOKE CANYON RESERVOIR-----'
     1  ,'------*  *--------------------LAKE CORPUS CHRISTI' ,
     2   '-------------------------*--B & E--*' /
     3    '  YEAR MTH  VOL   INFLOW      EVAP    CCRREL       EOM   ' ,
     4  ' INFLOW      DEMM      EVAP    LCCREL    RETURN     SPILL'  ,'
     5  '       EOM   CALALLEN'  / 2X,'----  --  ---',
     6   11('   -------')  /  )
C
      KPOP=0
      JYR=1899 + IBEG + J
      WRITE(KOUT,1720)   JYR, I, VOLX, FLOWBB,  EVPB,  CCRREL, EOMCCR,
     1    FLOWAA, DEMM, EVPQ,  LCCREL, RETURN, SPILL,  EOM, BEFLOW
 1720 FORMAT(2X,I4,I4,F5.2, 12F10.0)
      IF(I .EQ. 12)  WRITE(KOUT,1724)
 1724 FORMAT(//)
C
C**** STORE END-OF-MONTH VALUES ****
C
 1740 ELOSSB(I,J) = EVPB
      RELB  (I,J) = CCRREL
      EOMB  (I,J) = EOMCCR
      ADEMM (I,J) = DEMM
```

```
      ELOSSA(I,J) = EVPQ
      RELA  (I,J) = LCCREL
      RETN  (I,J) = RETURN
      SPILLA(I,J) = SPILL
      EOMA  (I,J) = EOM
      TOTBE (I,J) = BEFLOW
C
C**** RE-INITIALIZE VARIABLES FOR NEXT MONTH'S OPERATION****
C
 1800 EOMP=EOM
      EOMPB=EOMCCR
      SPLAST=SPILL
      DEMLST=DEMM
      RELLST=LCCREL
 1900 CONTINUE
C********************** END MONTHLY LOOP ***************************************
C++++++++++++++++++++++++++++++++++++++++++++++
C+       CHECK FOR ENDING ZONE                +
C+  STORE IN START ZONE - ENDING ZONE TABLE   +
C++++++++++++++++++++++++++++++++++++++++++++++
      ENDVOL=EOM + EOMCCR
      DO 2000 L=1,NUMZ
      IF(ENDVOL .GT. ZCAP(L))  GO TO 2000
      IZT(L,K)=IZT(L,K) + 1
      GO TO 2160
 2000 CONTINUE
C
C                      *** END YEAR *** END ZONE ***
 2160 CONTINUE
 2200 CONTINUE
C*******************************************************************************
C                      **** END OF RESERVOIR OPERATION ****
C*******************************************************************************
C
      IF(ISKIP .EQ. 1  .OR.  ISIM .GT. 0)   GO TO 2450
C
C**** COMPUTE % TIME BY ZONE ****
C
      WRITE(KOUT,2330) MODE
 2330 FORMAT('1',18X,'MODE=',I2 / 8X,'PERCENT OF TIME WHICH '
     1   'VOLUME RULES APPLY' /
     2   2X,'ZONE$    V50$    V40$    V30$    V20$     V0$ ' /
     3   2X,'----','$', 5('   -----','$')  )
      DO 2350 K=1,NUMZ
      VV=KV50(K)
      V50=VV/XMTHS
      VV=KV40(K)
      V40=VV/XMTHS
      VV=KV30(K)
      V30=VV/XMTHS
      VV=KV20(K)
      V20=VV/XMTHS
      VV=KV0(K)
      V0=VV/XMTHS
      WRITE(KOUT,2340)  K, V50, V40, V30, V20, V0
 2340 FORMAT(T2,I3,TR1,5(F8.2,'$')  )
 2350 CONTINUE
```

Figure 5-5
Probability of Starting a Year in a Zone Less-than or Equal-to a Specified Zone for Simulation Runs 01 - 03 (Baseline Condition)



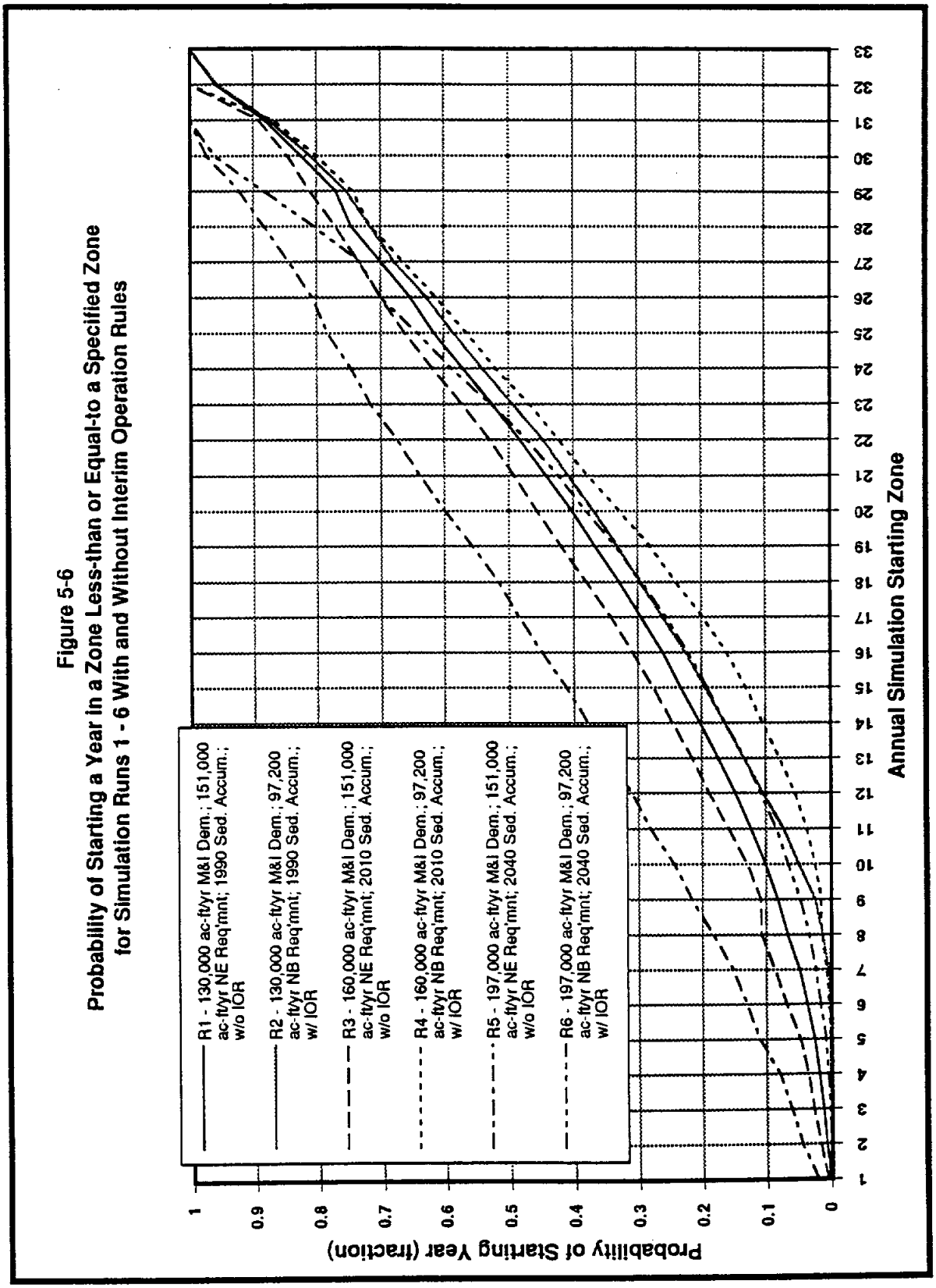
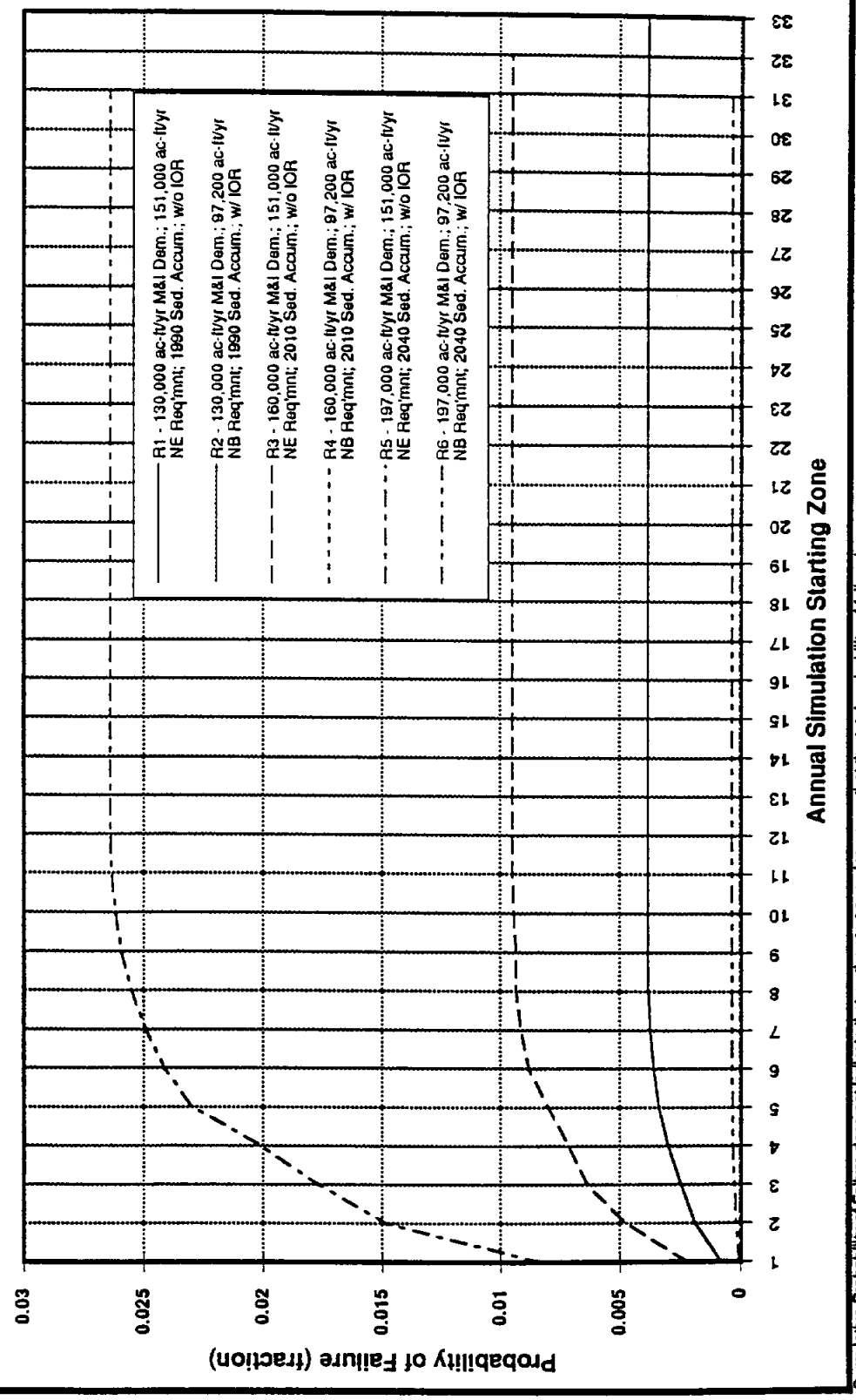


Figure 5-6
Probability of Starting a Year in a Zone Less-than or Equal-to a Specified Zone for Simulation Runs 1 - 6 With and Without Interim Operation Rules

Figure 5-7
Cumulative Probability of Failure(†) in Any Month of Any Year for Simulation Runs 1 - 6 With and Without Interim Operation Rules



Cumulative Probability of Failure does not indicate that as the start zone increases that the total probability of failure increases. Where the curves become horizontal, that is the Conditional Probability of Failure for the parameters of that run.

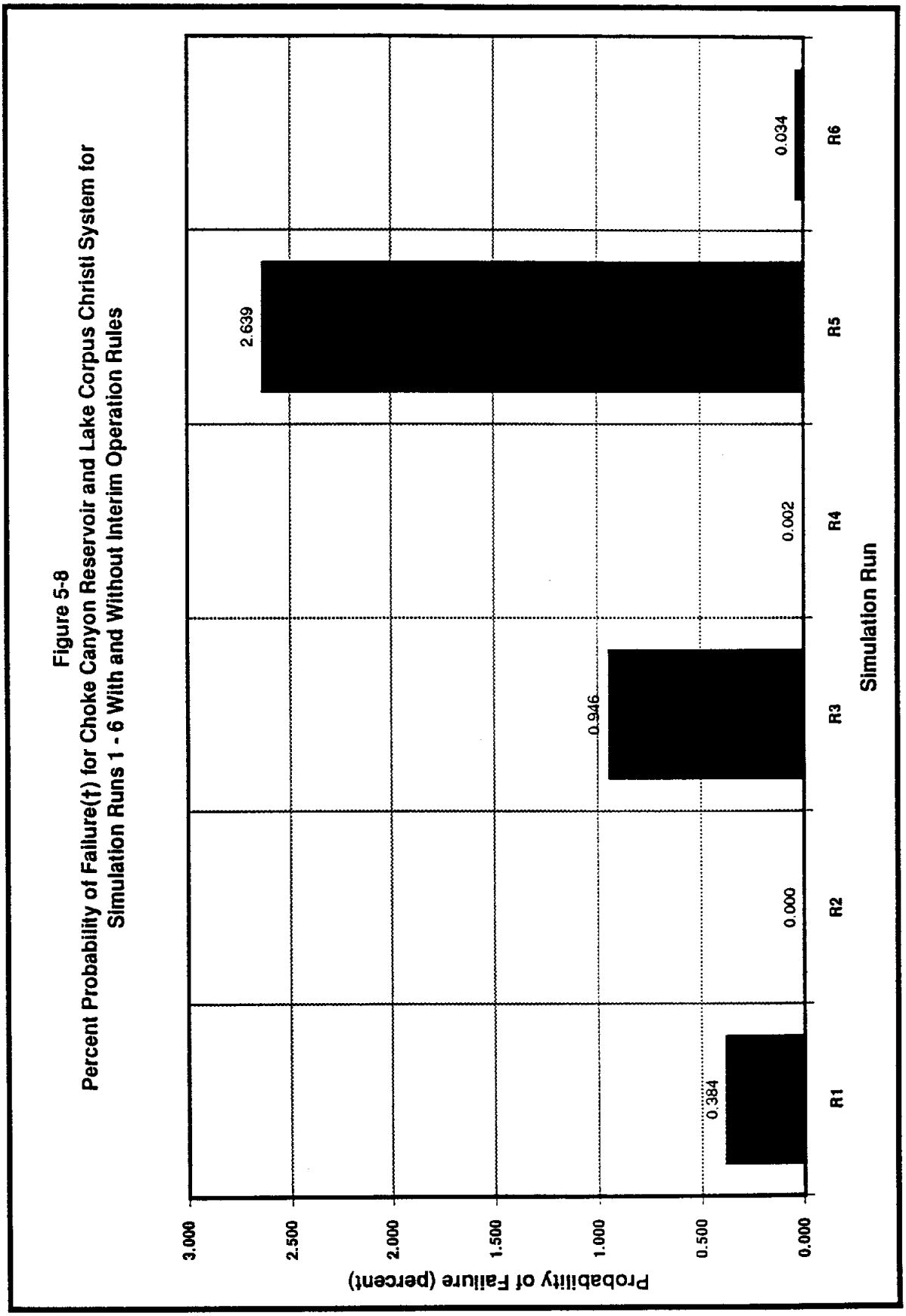


Figure 5-8
Percent Probability of Failure(t) for Choke Canyon Reservoir and Lake Corpus Christi System for
Simulation Runs 1 - 6 With and Without Interim Operation Rules
Probability of Failure (percent)
3.000
2.500
2.000
1.500
1.000
0.500
0.000
0.384
0.000
0.946
0.002
2.639
0.034
R1
R2
R3
R4
R5
R6
Simulation Run

Table 5-21
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = NONE; 1990 Sediment Accumulation; Baseline Conditions)
Run R01

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	0
Arith. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Geo. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	296,504	362,196	165,959	261,943	505,250	1,565,645	491,718	509,182	1,268,164	900,643	259,103	104,231	2,404,216
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	0
Arith. Mean	13,504	9,636	3,756	14,391	46,985	76,364	36,148	18,303	76,233	63,631	16,477	4,291	379,719
Geo. Mean	6	4	3	5	67	140	39	9	47	55	18	6	12,806
Percent	0.036	0.025	0.01	0.038	0.124	0.201	0.095	0.048	0.201	0.168	0.043	0.011	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	2,831,179
Minimum	40,145	32,091	23,447	23,204	23,463	23,111	23,179	29,471	27,179	43,427	54,398	49,606	717,560
Median	198,530	192,982	185,709	179,434	207,087	230,918	217,564	210,100	215,055	214,527	210,773	200,984	2,390,326
Arith. Mean	183,523	178,047	173,656	171,955	185,846	194,772	191,238	185,010	192,863	194,400	189,868	185,667	2,226,843
Geo. Mean	171,663	164,918	159,789	158,349	170,043	179,687	175,434	168,659	179,322	182,476	177,951	173,955	2,122,234
Percent	0.082	0.08	0.078	0.077	0.083	0.087	0.086	0.083	0.087	0.087	0.085	0.083	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	276,399	337,492	154,992	244,257	470,532	1,456,700	457,948	474,190	1,180,042	838,248	241,615	97,585	2,243,721
Minimum	650	650	650	650	650	650	650	650	650	650	650	650	7,800
Median	650	650	650	650	650	650	650	650	650	650	650	650	162,001
Arith. Mean	13,209	9,611	4,143	14,033	44,346	71,668	34,267	17,672	71,546	59,827	15,974	4,641	360,939
Geo. Mean	1,246	1,025	901	1,260	3,767	4,941	2,785	1,424	3,387	3,551	1,845	1,105	117,740
Percent	0.037	0.027	0.011	0.039	0.123	0.199	0.095	0.049	0.198	0.166	0.044	0.013	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Minimum	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Median	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Arith. Mean	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Geo. Mean	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Percent	0.072	0.066	0.08	0.084	0.087	0.09	0.103	0.102	0.084	0.081	0.075	0.074	

Table 5-22
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = NONE; 2010 Sediment Accumulation; Baseline Conditions)
Run R02

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	0
Arith. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Geo. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	280,193	360,054	163,362	257,975	502,437	1,562,726	470,095	506,275	1,237,504	898,017	256,699	101,848	2,375,614
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	0
Arith. Mean	11,612	9,228	3,274	12,711	43,239	70,630	33,425	16,953	72,957	61,496	14,834	3,771	354,130
Geo. Mean	5	3	2	5	54	94	21	8	34	41	11	4	9,404
Percent	0.033	0.026	0.009	0.036	0.122	0.199	0.094	0.048	0.206	0.174	0.042	0.011	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	2,515,096
Minimum	14,878	14,901	14,700	14,515	14,668	14,407	14,323	14,244	14,488	15,034	17,338	17,423	300,644
Median	162,988	158,184	145,932	137,538	161,008	191,511	185,980	177,588	178,389	180,118	176,739	164,831	1,956,141
Arith. Mean	146,731	139,880	134,294	132,676	148,304	160,063	157,123	150,209	159,256	160,458	155,387	149,506	1,793,887
Geo. Mean	125,603	116,830	111,452	110,606	123,228	134,792	131,475	124,872	138,851	140,460	134,650	128,265	1,620,776
Percent	0.082	0.078	0.075	0.074	0.083	0.089	0.088	0.084	0.089	0.089	0.087	0.083	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	261,229	335,500	152,577	240,567	467,916	1,453,985	437,838	471,486	1,151,529	835,805	239,380	95,368	2,217,121
Minimum	650	650	650	650	650	650	650	650	650	650	650	650	7,800
Median	650	650	650	650	650	650	650	650	650	650	650	650	132,402
Arith. Mean	11,449	9,232	3,695	12,471	40,862	66,336	31,735	16,417	68,500	57,841	14,446	4,157	337,141
Geo. Mean	1,174	983	807	1,221	3,431	4,208	2,382	1,295	3,077	3,259	1,573	1,008	102,290
Percent	0.034	0.027	0.011	0.037	0.121	0.197	0.094	0.049	0.203	0.172	0.043	0.012	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Minimum	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Median	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Arith. Mean	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Geo. Mean	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Percent	0.072	0.066	0.08	0.084	0.087	0.09	0.103	0.102	0.084	0.081	0.075	0.074	

Table 5-23
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = NONE; 2040 Sediment Accumulation; Baseline Conditions)
Run R03

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	0	0	0	0	0	0	0	0	0	0	0	0	0
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	0
Arith. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Geo. Mean	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	0	0	0	0	0	0	0	0	0	0	0	0	0
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	216,606	328,647	160,159	251,475	498,968	1,559,125	444,590	483,369	1,232,359	894,778	253,735	98,907	2,339,030
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	106,093
Arith. Mean	9,733	8,380	2,917	10,858	37,013	64,045	30,972	15,227	70,027	59,557	13,765	3,014	325,510
Geo. Mean	4	3	2	3	41	81	20	3	32	38	9	3	6,724
Percent	0.03	0.026	0.009	0.033	0.114	0.197	0.095	0.047	0.215	0.183	0.042	0.009	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	2,038,106
Minimum	5,859	5,816	5,647	5,675	5,602	5,671	5,551	5,558	5,731	5,688	5,764	5,942	118,210
Median	105,250	99,292	87,135	80,187	95,132	131,970	143,159	125,896	127,209	131,588	123,824	108,977	1,370,024
Arith. Mean	99,536	91,428	84,422	82,550	100,884	116,245	114,195	106,678	115,993	117,164	111,102	103,632	1,243,829
Geo. Mean	70,779	61,402	54,893	50,152	63,873	77,239	76,883	72,723	86,119	89,357	81,725	74,177	1,040,952
Percent	0.08	0.074	0.068	0.066	0.081	0.093	0.092	0.086	0.093	0.094	0.089	0.083	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	202,094	306,292	149,598	234,522	464,690	1,450,636	414,119	450,183	1,146,744	832,794	236,624	92,634	2,183,098
Minimum	650	650	650	650	650	650	650	650	650	650	650	650	7,800
Median	650	650	650	650	650	650	650	650	650	650	650	650	106,466
Arith. Mean	9,702	8,444	3,363	10,748	35,072	60,211	29,454	14,811	65,775	56,038	13,451	3,453	310,524
Geo. Mean	1,129	953	744	1,073	2,905	3,643	2,247	1,048	2,893	3,052	1,475	876	86,978
Percent	0.031	0.027	0.011	0.035	0.113	0.194	0.095	0.048	0.212	0.18	0.043	0.011	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Minimum	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Median	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Arith. Mean	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Geo. Mean	14,263	13,081	15,858	16,607	17,178	17,828	20,212	20,193	16,509	16,036	14,677	14,558	196,999
Percent	0.072	0.066	0.08	0.084	0.087	0.09	0.103	0.102	0.084	0.081	0.075	0.074	

Table 5-24
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 1990 Sediment Accumulation; Without Interim Operation Rules)
Run R1

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	1,126	1,478	6,564	10,642	32,515	16,192	0	0	21,962	12,425	1,002	1,038	104,945
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	12,139
Median	1,126	1,478	6,564	10,642	32,515	16,192	0	0	21,962	12,425	1,002	1,038	90,684
Arith. Mean	985	1,320	6,330	9,519	25,080	12,463	0	0	16,513	8,875	797	889	82,770
Geo. Mean	468	676	4,796	4,452	3,445	1,986	1	1	2,072	840	255	385	75,315
Percent	0.012	0.016	0.076	0.115	0.303	0.151	0	0	0.2	0.107	0.01	0.011	
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	224,880	280,698	148,109	246,091	472,735	1,549,453	421,391	464,788	1,177,700	888,217	258,100	103,194	2,271,679
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	80,287
Arith. Mean	9,788	7,891	2,830	9,267	28,426	53,867	29,920	14,584	63,970	54,752	12,748	3,312	291,355
Geo. Mean	4	3	1	3	16	17	17	6	19	28	9	4	3,092
Percent	0.034	0.027	0.01	0.032	0.098	0.185	0.103	0.05	0.22	0.188	0.044	0.011	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	2,793,570
Minimum	22,859	22,840	22,574	22,107	21,631	22,073	14,863	20,640	22,247	22,080	22,766	22,873	291,163
Median	153,792	152,872	140,712	130,539	123,589	152,125	186,927	188,235	167,193	173,148	168,880	160,325	1,963,736
Arith. Mean	149,774	144,091	135,869	130,907	133,809	149,589	155,116	153,927	154,286	154,183	153,159	149,463	1,764,172
Geo. Mean	120,716	114,636	108,763	104,551	99,989	113,758	120,026	121,438	123,139	124,058	121,942	119,544	1,550,164
Percent	0.085	0.082	0.077	0.074	0.076	0.085	0.088	0.087	0.087	0.087	0.087	0.085	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	209,788	261,699	138,392	229,514	440,294	1,441,641	392,543	432,903	1,095,911	826,692	240,683	96,620	2,131,750
Minimum	1,697	2,025	6,755	10,547	30,889	15,709	650	650	21,075	12,206	1,582	1,615	105,398
Median	1,697	2,025	6,755	10,547	30,889	15,709	650	650	21,075	12,206	1,582	1,615	149,293
Arith. Mean	10,669	9,216	9,169	18,120	50,410	62,336	28,476	14,213	75,499	59,823	13,247	4,557	355,736
Geo. Mean	2,522	2,713	7,183	12,446	37,988	23,842	2,099	1,189	32,655	22,434	2,828	2,064	220,740
Percent	0.03	0.026	0.026	0.051	0.142	0.175	0.08	0.04	0.212	0.168	0.037	0.013	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Minimum	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Median	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Arith. Mean	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Geo. Mean	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Percent	0.072	0.066	0.08	0.084	0.087	0.09	0.103	0.102	0.084	0.081	0.075	0.074	

Table 5-25
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 1990 Sediment Accumulation; With Interim Operation Rules)
Run R2

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	2,086	2,137	3,096	3,064	24,590	24,023	3,988	4,528	11,688	9,015	3,685	4,229	96,129
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	8,277
Median	2,086	2,137	3,096	3,064	24,590	24,023	3,988	4,528	11,688	8,963	3,685	4,229	68,539
Arith. Mean	1,613	1,713	2,592	2,359	16,538	15,146	2,478	3,121	7,544	5,669	2,537	3,206	64,515
Geo. Mean	682	813	1,701	851	1,488	1,196	324	644	730	516	690	1,244	54,873
Percent	0.025	0.027	0.04	0.037	0.256	0.235	0.038	0.048	0.117	0.088	0.039	0.05	
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	223,155	350,765	164,748	259,005	493,321	1,554,013	424,392	500,529	1,243,894	896,477	257,572	102,427	2,338,917
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	95,440
Arith. Mean	9,775	9,187	3,277	10,881	35,909	56,640	29,832	15,262	68,029	58,288	13,195	3,436	313,712
Geo. Mean	4	3	2	4	30	23	17	6	26	34	9	4	3,604
Percent	0.031	0.029	0.01	0.035	0.114	0.181	0.095	0.049	0.217	0.186	0.042	0.011	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	237,473	2,792,616
Minimum	22,847	22,830	22,697	22,500	21,643	22,179	22,136	22,466	22,579	22,157	22,706	22,878	308,538
Median	162,148	162,395	146,463	148,249	148,688	164,054	195,917	185,550	182,192	185,140	178,911	169,159	2,046,462
Arith. Mean	153,860	147,501	142,325	142,915	147,637	157,859	159,970	155,336	162,828	163,820	160,468	154,276	1,848,797
Geo. Mean	127,380	119,935	116,852	118,247	117,814	124,550	127,396	123,924	133,514	136,270	131,938	126,690	1,645,347
Percent	0.083	0.08	0.077	0.077	0.08	0.085	0.087	0.084	0.088	0.089	0.087	0.083	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	208,099	326,729	153,844	241,532	459,469	1,445,938	395,485	466,292	1,157,383	834,358	240,123	95,833	2,195,156
Minimum	1,253	1,253	1,754	566	11,774	607	688	688	562	4,509	2,004	2,255	52,859
Median	2,505	2,505	3,507	3,507	23,548	23,047	4,509	5,010	11,524	9,019	4,008	4,509	156,062
Arith. Mean	11,158	10,657	6,085	12,967	49,458	67,466	30,847	17,895	70,934	60,117	15,215	6,756	359,555
Geo. Mean	3,192	2,993	3,420	4,291	31,278	25,559	7,607	5,332	18,360	17,155	5,295	4,495	211,767
Percent	0.031	0.03	0.017	0.036	0.138	0.188	0.086	0.05	0.197	0.167	0.042	0.019	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Minimum	8,941	8,200	9,419	8,767	10,202	9,412	10,670	10,660	8,715	9,524	9,201	9,127	114,419
Median	9,412	8,632	10,465	10,959	11,336	11,765	13,338	13,325	10,894	10,582	9,685	9,607	130,000
Arith. Mean	9,362	8,586	10,353	10,802	11,235	11,639	13,195	13,182	10,738	10,488	9,650	9,556	128,786
Geo. Mean	9,360	8,585	10,348	10,793	11,230	11,628	13,182	13,170	10,726	10,483	9,650	9,554	128,742
Percent	0.073	0.067	0.08	0.084	0.087	0.09	0.102	0.102	0.083	0.081	0.075	0.074	

Table 5-27
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2010 Sediment Accumulation; With Interim Operation Rules)
Run R4

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	845	1,062	4,359	6,991	21,075	10,574	0	0	14,276	8,134	769	791	68,876
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	845	1,062	4,359	6,991	18,441	3,757	0	0	5,722	2,691	0	791	42,236
Arith. Mean	501	657	2,969	4,807	12,334	5,554	0	0	7,659	3,934	350	420	39,184
Geo. Mean	59	77	917	1,006	966	360	1	1	612	194	22	36	19,047
Percent	0.013	0.017	0.076	0.123	0.315	0.142	0	0	0.195	0.1	0.009	0.011	
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	248,814	360,054	162,636	250,264	493,475	1,559,074	425,629	484,389	1,257,905	895,420	256,699	101,848	2,325,110
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	106,703
Arith. Mean	10,167	9,209	3,084	10,027	35,868	59,631	30,133	14,922	67,811	58,055	13,979	3,326	316,210
Geo. Mean	4	3	2	3	28	34	17	6	26	39	7	4	4,226
Percent	0.032	0.029	0.01	0.032	0.113	0.189	0.095	0.047	0.214	0.184	0.044	0.011	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	212,353	2,487,707
Minimum	14,847	14,780	14,635	14,515	14,406	14,406	14,394	14,315	14,629	14,433	14,683	14,920	288,141
Median	143,256	139,166	128,766	116,218	114,001	144,083	178,615	166,268	155,498	158,032	150,176	138,278	1,799,733
Arith. Mean	132,406	125,321	117,688	113,861	122,367	139,579	141,628	137,947	142,666	143,525	139,864	134,474	1,591,326
Geo. Mean	107,213	98,555	91,889	87,016	88,818	104,598	108,065	106,319	113,979	116,790	113,777	110,169	1,398,601
Percent	0.083	0.079	0.074	0.072	0.077	0.088	0.089	0.087	0.09	0.09	0.088	0.085	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	233,830	337,081	153,957	235,578	461,861	1,452,979	399,282	453,926	1,172,274	835,476	241,234	97,201	2,202,515
Minimum	2,354	2,159	2,327	2,437	2,520	2,616	2,965	2,963	2,422	2,353	2,422	2,403	46,041
Median	3,219	3,219	6,759	9,334	22,530	12,874	3,447	3,444	16,093	10,299	3,219	3,219	162,662
Arith. Mean	12,361	11,412	8,295	16,596	47,719	63,655	31,428	17,285	72,968	60,349	15,839	5,974	363,881
Geo. Mean	4,199	3,758	5,620	9,075	26,031	17,777	7,449	4,823	20,934	16,312	4,793	3,589	206,552
Percent	0.034	0.031	0.023	0.046	0.131	0.175	0.086	0.048	0.201	0.166	0.044	0.016	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Minimum	10,426	9,562	10,304	10,790	11,162	11,584	13,133	13,120	10,726	10,419	10,728	10,642	132,595
Median	11,584	10,624	12,880	13,488	13,952	14,480	16,416	16,400	13,408	13,024	11,920	11,824	160,000
Arith. Mean	11,419	10,463	12,466	13,079	13,504	14,118	15,918	15,931	12,953	12,605	11,739	11,634	155,828
Geo. Mean	11,413	10,457	12,437	13,049	13,475	14,097	15,889	15,903	12,926	12,576	11,734	11,628	155,656
Percent	0.073	0.067	0.08	0.084	0.087	0.091	0.102	0.102	0.083	0.081	0.075	0.075	

Table 5-28
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2040 Sediment Accumulation; Without Interim Operation Rules)
Run R5

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	0	0	4,128	8,091	29,876	13,454	0	0	19,426	9,962	0	0	84,939
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	12,220
Median	0	0	4,128	8,091	29,876	13,454	0	0	19,426	9,962	0	0	80,314
Arith. Mean	0	0	4,055	7,369	24,866	10,723	0	0	15,142	7,294	0	0	69,448
Geo. Mean	1	1	3,558	3,623	7,649	2,063	1	1	2,691	846	1	1	64,520
Percent	0	0	0.058	0.106	0.358	0.154	0	0	0.218	0.105	0	0	
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	216,606	277,392	144,169	239,299	469,091	1,545,671	387,699	399,843	1,207,365	805,353	253,735	98,907	2,196,405
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	61,182
Arith. Mean	9,726	6,638	2,574	7,841	24,684	49,544	25,423	12,419	61,086	50,941	11,934	2,736	265,546
Geo. Mean	4	3	1	3	9	13	9	3	17	22	7	2	1,579
Percent	0.037	0.025	0.01	0.03	0.093	0.187	0.096	0.047	0.23	0.192	0.045	0.01	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	1,979,946
Minimum	0	0	0	0	0	0	0	1,195	0	5,675	5,764	2,115	25,527
Median	77,907	70,289	60,806	55,121	49,610	86,399	104,725	107,728	92,822	92,007	88,505	78,749	1,111,538
Arith. Mean	82,488	76,783	69,177	66,617	77,074	91,675	95,745	91,130	92,604	93,762	90,813	85,354	1,013,221
Geo. Mean	30,583	24,313	23,745	23,693	23,294	31,868	36,202	53,316	47,159	57,338	51,499	46,081	758,038
Percent	0.081	0.076	0.068	0.066	0.076	0.09	0.094	0.09	0.091	0.093	0.09	0.084	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	202,094	258,625	134,727	223,198	436,905	1,438,124	361,210	372,504	1,123,500	749,629	236,624	92,634	2,061,821
Minimum	274	266	210	187	1,338	-79	-287	650	15,065	9,915	650	650	42,199
Median	650	650	4,489	8,175	28,435	13,162	650	650	18,716	9,915	650	650	127,421
Arith. Mean	9,684	6,803	6,665	14,533	45,866	56,057	24,249	12,200	71,477	54,808	11,749	3,194	317,286
Geo. Mean	1,100	888	4,314	8,764	31,754	15,543	1,203	974	28,826	18,473	1,320	827	183,081
Percent	0.031	0.021	0.021	0.046	0.145	0.177	0.076	0.038	0.225	0.173	0.037	0.01	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Minimum	2,764	261	490	344	824	0	0	20,193	13,283	16,036	14,677	14,558	101,414
Median	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	197,000
Arith. Mean	13,926	12,424	15,318	16,073	16,656	16,966	19,273	20,193	16,451	16,036	14,677	14,558	192,551
Geo. Mean	13,672	11,080	14,180	15,027	15,955	13,966	15,861	20,193	16,445	16,036	14,677	14,558	191,292
Percent	0.072	0.065	0.08	0.083	0.087	0.088	0.1	0.105	0.085	0.083	0.076	0.076	

Table 5-29
Monthly Statistics of Lake Corpus Christi Releases, Uncontrolled Spills, End-of-Month Storage, Nueces Bay Inflows, and M&I Supply
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2040 Sediment Accumulation; With Interim Operation Rules)
Run R6

	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Lake Corpus Christi Releases (ac-ft/yr)													
Maximum	0	0	0	0	14,168	248	0	0	2,474	0	0	0	16,889
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	5,686	137	0	0	2,474	0	0	0	5,934
Arith. Mean	0	0	0	0	3,604	125	0	0	1,413	0	0	0	5,142
Geo. Mean	1	1	1	1	194	18	1	1	95	1	1	1	874
Percent	0	0	0	0	0.701	0.024	0	0	0.275	0	0	0	
Lake Corpus Christi Uncontrolled Spills (ac-ft/yr)													
Maximum	238,795	357,412	160,159	253,261	493,496	1,559,100	450,087	496,496	1,243,875	894,778	253,735	98,907	2,344,319
Minimum	0	0	0	0	0	0	0	0	0	0	0	0	0
Median	0	0	0	0	0	0	0	0	0	0	0	0	105,826
Arith. Mean	10,187	8,933	2,974	11,397	39,274	65,734	31,566	15,753	70,366	60,406	13,749	3,069	333,410
Geo. Mean	4	3	2	4	44	74	23	4	33	40	9	3	7,107
Percent	0.031	0.027	0.009	0.034	0.118	0.197	0.095	0.047	0.211	0.181	0.041	0.009	
Lake Corpus Christi End-of-Month Storage (ac-ft)													
Maximum	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	174,673	2,040,738
Minimum	5,860	5,840	5,647	5,675	5,543	5,671	5,551	5,558	5,731	5,686	5,765	5,964	150,145
Median	109,859	105,637	93,389	88,835	100,198	137,626	144,920	130,296	131,955	134,899	128,602	113,456	1,420,125
Arith. Mean	103,930	96,149	90,297	89,298	103,000	117,983	116,326	110,005	118,547	120,191	114,651	107,745	1,288,120
Geo. Mean	77,251	67,665	63,544	60,816	69,038	81,777	80,465	77,345	90,386	94,180	87,538	81,401	1,098,507
Percent	0.081	0.075	0.07	0.069	0.08	0.092	0.09	0.085	0.092	0.093	0.089	0.084	
Total Inflow to Nueces Bay (ac-ft)													
Maximum	227,324	337,103	154,657	241,318	465,136	1,456,381	425,622	468,777	1,161,916	837,917	241,257	97,225	2,250,885
Minimum	4,969	4,557	4,911	5,143	5,320	5,521	6,259	6,253	5,112	4,966	5,113	5,072	64,983
Median	5,245	4,810	5,525	5,786	11,273	6,442	7,042	7,035	8,052	5,587	5,397	5,354	179,903
Arith. Mean	14,687	13,086	8,249	16,338	45,816	67,432	36,370	21,649	72,454	61,739	18,136	8,173	384,130
Geo. Mean	7,010	5,910	5,892	7,690	20,649	16,022	13,525	9,035	16,749	14,076	8,168	6,125	223,061
Percent	0.038	0.034	0.021	0.043	0.119	0.176	0.095	0.056	0.189	0.161	0.047	0.021	
M&I Supply Delivered to Calallen (ac-ft)													
Maximum	14,263	13,081	15,859	16,607	17,178	17,829	20,212	20,193	16,509	16,036	14,677	14,558	191,235
Minimum	12,837	11,773	12,687	13,286	13,743	14,263	16,170	16,154	13,207	12,829	13,209	13,102	163,258
Median	13,550	12,427	14,273	14,946	15,461	16,046	18,191	18,173	14,858	14,432	13,943	13,830	180,129
Arith. Mean	13,537	12,427	14,244	14,887	15,430	16,173	18,371	18,281	14,828	14,547	14,021	13,830	180,578
Geo. Mean	13,534	12,424	14,230	14,874	15,414	16,149	18,343	18,256	14,810	14,525	14,016	13,827	180,483
Percent	0.075	0.069	0.079	0.082	0.085	0.09	0.102	0.101	0.082	0.081	0.078	0.077	

tral tendency. Throughout the remainder of this report, the geometric mean will be used as the primary means to compare and contrast data. However, where appropriate, other indicators will also be used.

The geometric means of annual uncontrolled spills from LCC are shown in Figure 5-9. This figure shows that in the early years of operation, spills under baseline conditions are large and, with and without IORs, spills are relatively close. However, by the year 2040, spills with the IORs will be greatly increased over conditions without IORs because the proposed rules allow for reductions and cessation of B&E releases under drought conditions. Such conditions are expected to prevail in 2040 and will, therefore, dictate this mode of operation the majority of the time. More water will be retained in storage and result in higher spills.

The geometric means of annual LCC designated B&E releases with and without the IORs are shown in Figure 5-10. Under baseline conditions, designated releases are zero. In the early years when demand and return flows are low, designated releases are relatively high (1990 releases are 75,315 ac-ft/yr without IORs and 54,873 ac-ft/yr with IORs). However, with the IORs, releases are often reduced and occasionally suspended. As the demand and return flows increase and the storage capacity decreases (because of sediment accumulation), the frequency of uncontrolled spills increases, which allows a decrease in designated B&E releases.

Before the year 2040, it is obvious that the LCC/CCR system will operate continually at some level of water conservation. The annual releases for B&E maintenance without IORs will range from 12,200 ac-ft/yr to 85,000 ac-ft/yr with a median of 80,000 ac-ft/yr and geometric mean of 64,500 ac-ft/yr. With IORs, the range of releases is reduced to a range of zero to 16,900 ac-ft/yr with a median of 5,900 ac-ft/yr and a geometric mean of only 874 ac-ft/yr (Tables 5-24 through 5-29).

The geometric means of annual Nueces Estuary total inflows are shown in Figure 5-11. Even under full-capture operation (baseline), considerable water reaches the Nueces Estuary. However, by 2040, even under baseline conditions, an annual geometric mean of nearly 87,000 ac-ft/yr of water reaches the estuary. This is principally due to an increase in spills caused by sediment reduced total storage volume, especially in LCC.

With or without the IORs, a considerable amount of water will still be released to the Nueces Estuary through a combination of designated releases and uncontrolled spills. In all cases simulated, the geometric mean of annual Nueces Bay inflows is greater than 180,000 ac-ft/yr. Most of these inflows result from uncontrolled spills which can exceed 2 million ac-ft/yr. Examination of the monthly distribution of total Nueces Estuary inflows shows a pattern mimicking the minimum release requirement pattern augmented by relatively large floods which tend to occur during the May-October period. Under full-capture operation (baseline), the capacity of LCC available for capture of flood events is maximized. However, even with a totally empty reservoir, there is insufficient capacity to handle the larger floods. Thus, the total annual

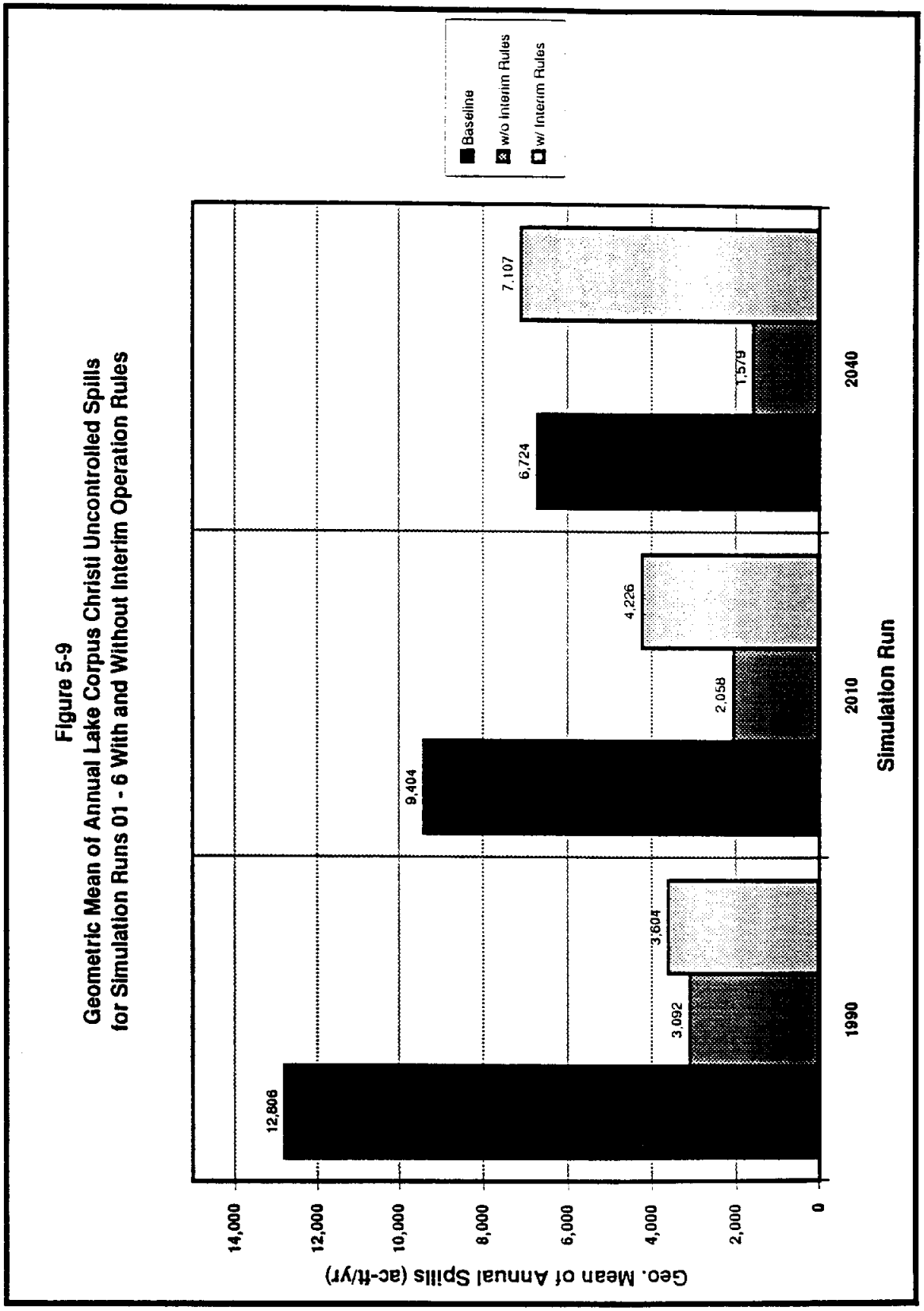


Figure 5-9
Geometric Mean of Annual Lake Corpus Christi Uncontrolled Spills for Simulation Runs 01 - 6 With and Without Interim Operation Rules

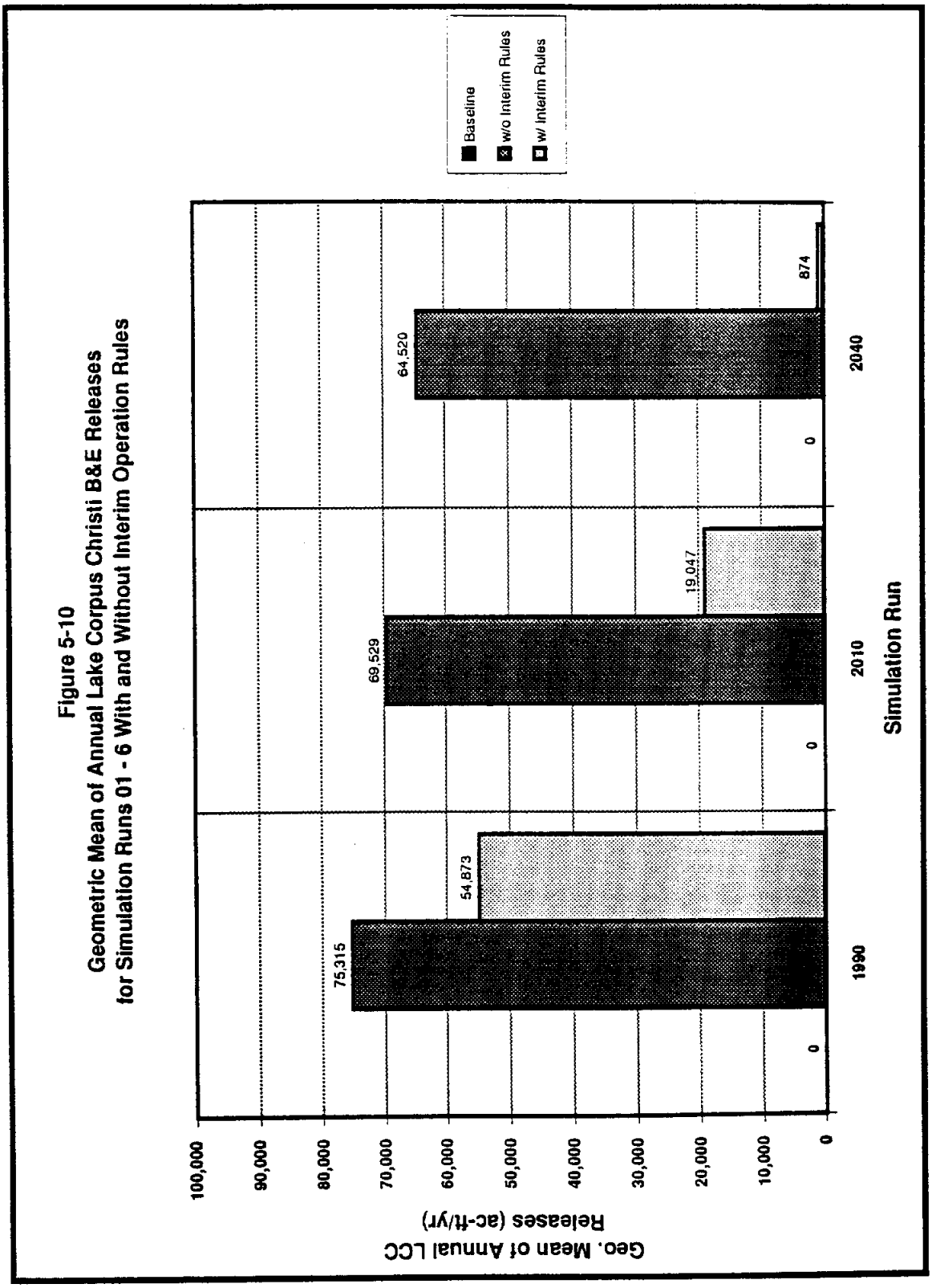


Figure 5-10
Geometric Mean of Annual Lake Corpus Christi B&E Releases
for Simulation Runs 01 - 6 With and Without Interim Operation Rules

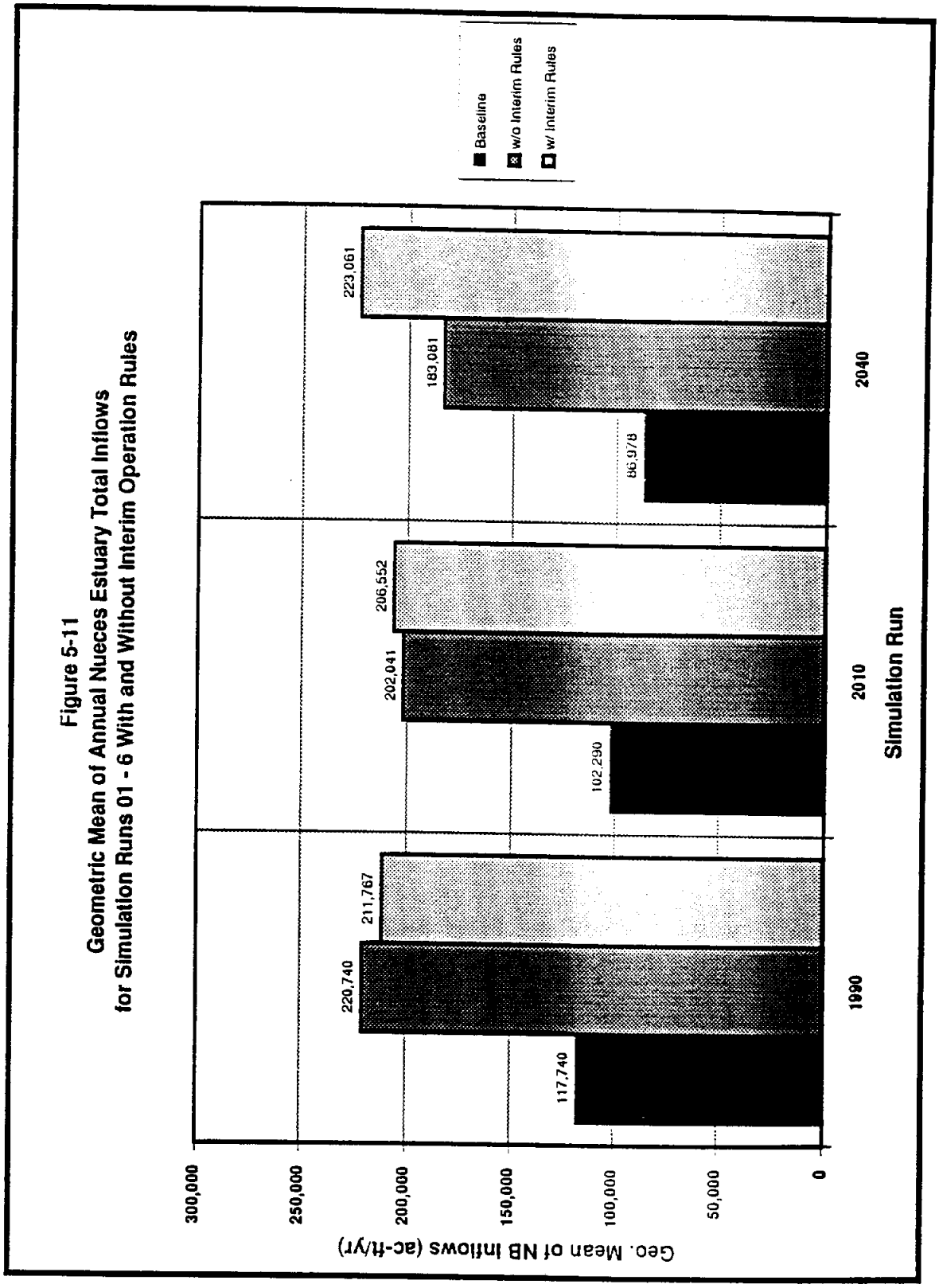


Figure 5-11
Geometric Mean of Annual Nueces Estuary Total Inflows for Simulation Runs 01 - 6 With and Without Interim Operation Rules

uncontrolled spills range from zero to 2,400,000 ac-ft/yr with medians of 166,000 ac-ft/yr, 134,000 ac-ft/yr and 106,000 ac-ft/yr for Runs R01-RO3 and geometric means ranging from 12,800 ac-ft/yr in 1990 to 6,700 ac-ft/yr in 2040. Without the IORs, uncontrolled spills decrease between 1990 and 2040. The capacity of the system, especially LCC, will be continually reduced by sedimentation, resulting in greater spills. However, M&I demands also increase, which tends to keep the available capacity of the system to capture floods higher. With the IORs the opposite is true.

Because the rules allow for release reductions and suspension, and because of spills-banking, more water is maintained in the system, which reduces the available capacity for flood capture. So, while the IORs decrease the number of required B&E releases, they increase the number and magnitude of uncontrolled spills to Nueces Bay.

The geometric means of LCC end-of-month content are shown in Figure 5-12. The end-of-month content of the system is, of course, highest under baseline (full-capture) operation and in the early years of operation when demand on the system is lowest. It is not, however, until the later years, approaching year 2040, that the impact of the proposed IORs becomes apparent. Without the IORs, no provisions are made for reductions to M&I demand or B&E releases. Thus, the system storage is drawn down during drought periods. With the IORs, reduced or suspended releases during low storage conditions allows the husbanding of water and a higher typical LCC end-of-month content. In all cases, the IORs would result in more water stored in LCC than would be without the IORs.

Without the IORs, the M&I withdrawals approximately equal the requested amounts. By 2040 there will be insufficient supplies to meet the 197,000 ac-ft/yr full-capture firm annual yield of the system. With the IORs, water conservation, drought management, and reduced Nueces Bay releases result in a 2040 geometric mean of only 180,500 ac-ft/yr available for M&I supplies (Figure 5-13).

5.2.2.4 Annual Simulation Summaries

Summaries of annual water balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary for Runs RO1 through R6 are shown in Tables 5-30 through 5-38. Tables 5-30, 5-31 and 5-32 show baseline operations for 1990, 2010 and 2040 (Runs RO1, RO2, and RO3). It is evident that, because the volume of LCC is rapidly decreasing as a result of sedimentation, (1) the frequency and volume of uncontrolled spills increase with the passing of time; and (2) the end-of-month storage for LCC is progressively reduced.

Total inflows to Nueces Bay will decrease as M&I demand increases, resulting in more capacity available to capture floods. However, with a higher M&I demand there will be higher return flows and less lake evaporation.

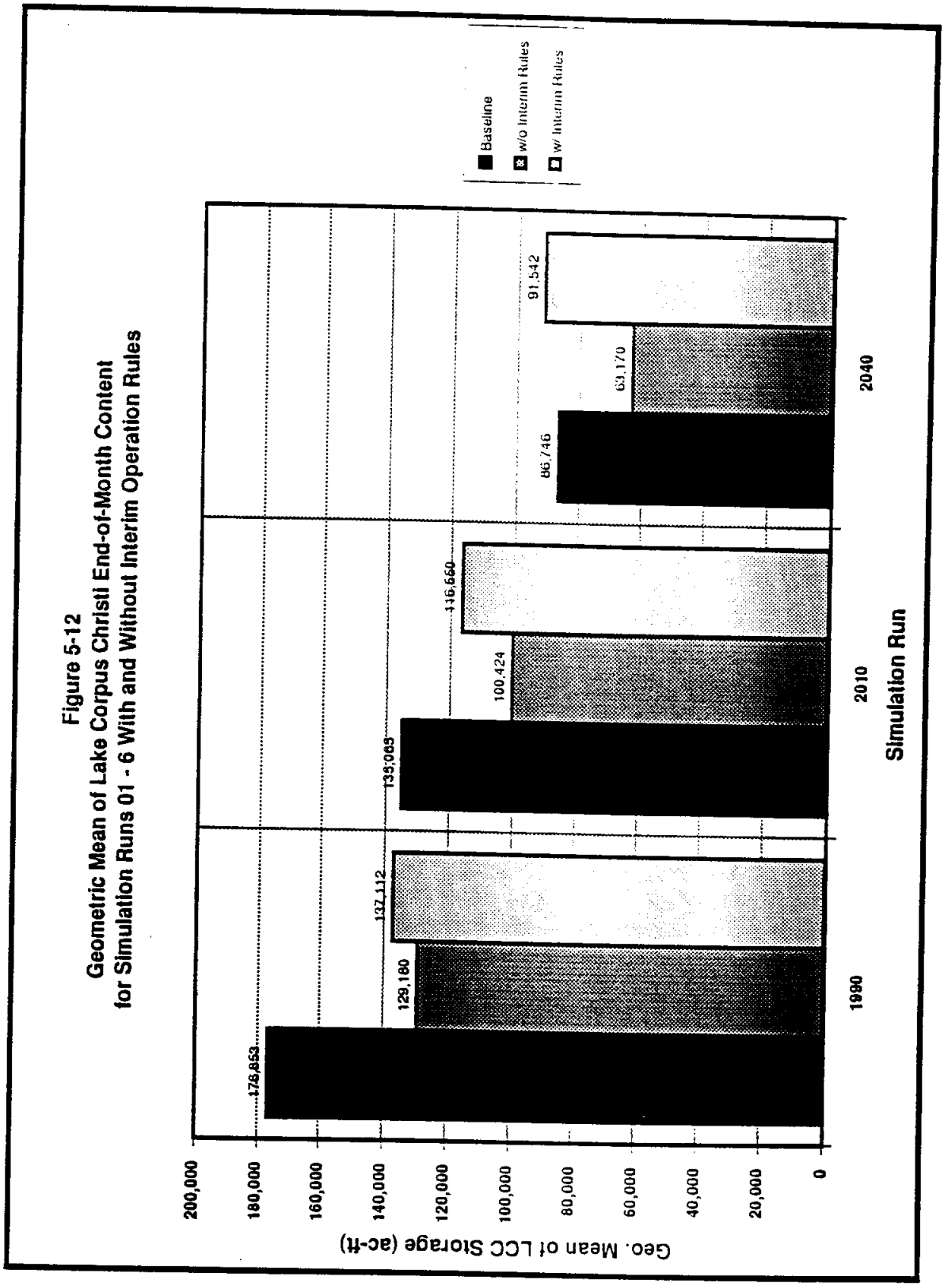


Figure 5-12
Geometric Mean of Lake Corpus Christi End-of-Month Content for Simulation Runs 01 - 6 With and Without Interim Operation Rules

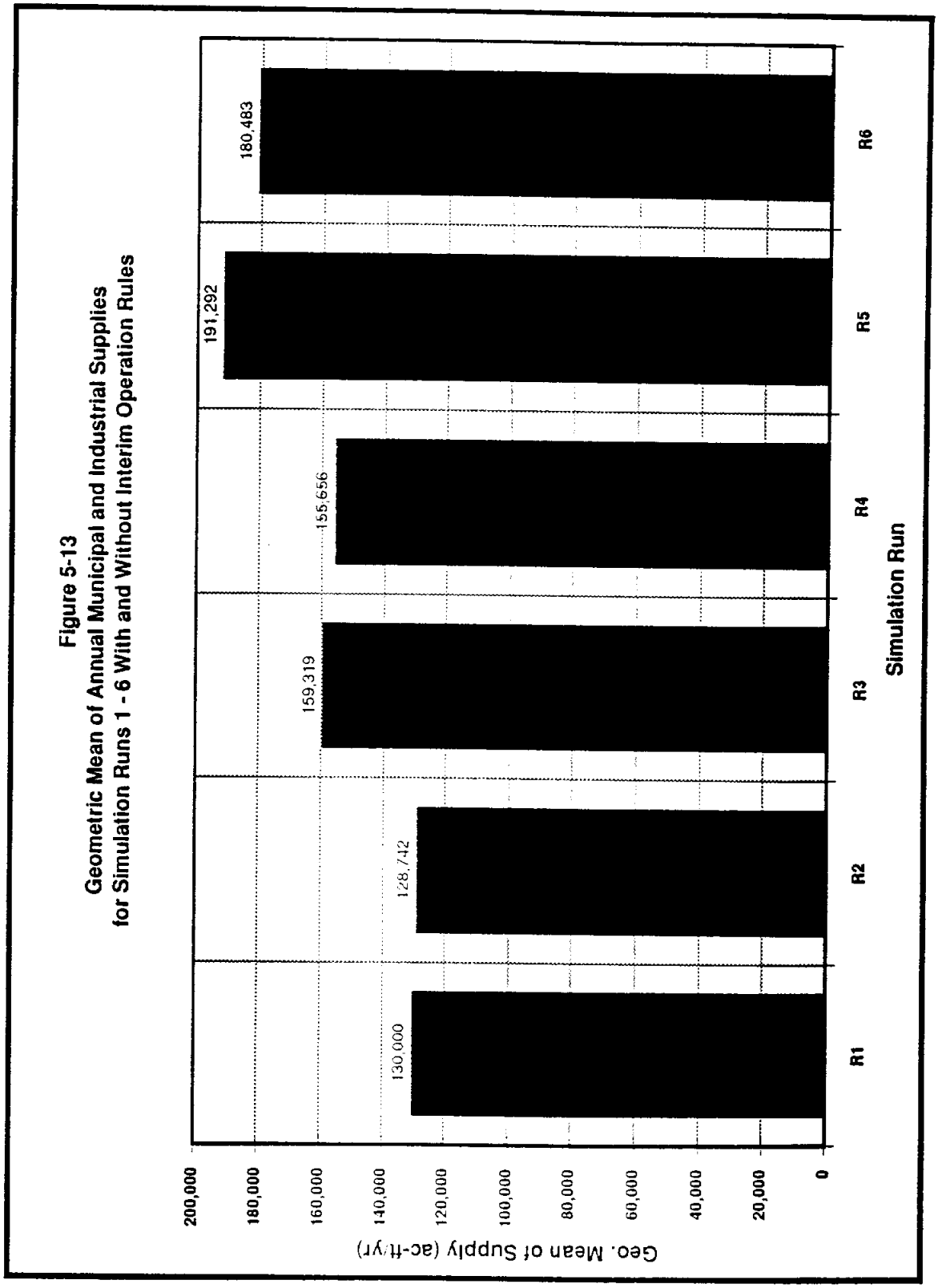


Figure 5-13
Geometric Mean of Annual Municipal and Industrial Supplies for Simulation Runs 1 - 6 With and Without Interim Operation Rules

Table 5-30
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = NONE; 1990 Sediment Accumulation; Baseline Conditions)
Run R01

	Choke Canyon Reservoir				Lake Corpus Christi						Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,379	34,139	650,511	323,703	139,785	49,220	0	7,800	168,837	237,473	164,819	222,718
1935	899,837	18,687	508,496	689,314	1,971,228	139,785	28,245	0	7,800	2,404,216	234,952	2,243,721	2,301,620
1936	282,578	46,375	168,050	689,314	749,398	139,785	23,485	0	7,800	747,657	237,473	703,121	761,020
1937	66,555	84,683	18,872	647,186	128,035	139,785	52,805	0	7,800	0	188,790	7,800	65,699
1938	93,147	102,978	26,824	601,198	325,114	139,785	64,843	0	7,800	166,254	170,846	162,416	220,315
1939	76,749	84,067	18,872	569,880	269,618	139,785	65,952	0	7,800	39,001	212,596	44,071	101,970
1940	208,894	65,068	19,836	685,490	779,993	139,785	46,917	0	7,800	588,250	237,473	554,873	612,772
1941	446,252	34,042	294,766	678,403	984,963	139,785	18,543	0	7,800	1,154,018	214,856	1,081,037	1,138,936
1942	342,179	55,379	205,439	672,971	945,113	139,785	32,151	0	7,800	978,598	214,874	917,896	975,795
1943	71,937	88,250	18,872	632,856	161,056	139,785	54,081	0	7,800	0	198,936	7,800	65,699
1944	131,110	74,297	18,872	665,471	630,193	139,785	47,284	0	7,800	448,330	210,602	424,747	482,646
1945	107,492	90,681	18,872	658,282	447,692	139,785	59,256	0	7,800	265,757	210,369	254,954	312,853
1946	323,039	57,769	172,631	677,989	1,010,103	139,785	34,057	0	7,800	1,000,392	218,869	938,165	996,064
1947	36,172	88,033	18,872	602,128	278,647	139,785	54,069	0	7,800	138,175	183,358	136,303	194,202
1948	42,109	87,942	18,872	532,295	115,220	139,785	51,309	0	7,800	0	124,357	7,800	65,699
1949	218,812	59,865	18,872	667,242	757,726	139,785	43,861	0	7,800	487,021	228,288	460,729	518,628
1950	20,676	103,012	18,872	560,806	188,694	139,785	76,280	0	7,800	59,382	158,407	63,026	120,925
1951	153,199	85,119	18,872	604,986	336,469	139,785	63,831	0	7,800	98,716	211,416	99,606	157,505
1952	32,784	87,554	18,872	526,216	143,335	139,785	58,870	0	7,800	0	172,968	7,800	65,699
1953	256,286	79,714	20,332	673,866	468,874	139,785	51,260	0	7,800	245,588	225,542	236,197	294,096
1954	34,820	117,666	18,872	566,819	226,784	139,785	75,075	0	7,800	75,459	178,879	77,977	135,876
1955	39,869	120,821	18,872	461,867	116,167	139,785	72,973	0	7,800	0	99,160	7,800	65,699
1956	53,601	102,721	18,872	388,748	123,426	139,785	36,629	0	7,800	0	62,744	7,800	65,699
1957	423,638	73,072	37,977	685,283	1,248,395	139,785	43,626	0	7,800	938,469	227,237	860,576	938,475
1958	465,123	52,630	287,156	689,314	1,254,231	139,785	26,288	0	7,800	1,365,078	237,473	1,277,322	1,335,221
1959	129,998	88,201	34,437	681,125	357,269	139,785	57,835	0	7,800	199,874	231,584	193,663	251,562
1960	92,022	60,132	18,872	689,015	415,631	139,785	31,212	0	7,800	255,617	237,473	245,524	303,423
1961	120,225	76,509	66,490	638,152	243,964	139,785	57,438	0	7,800	149,299	201,404	146,648	204,547
1962	9,206	99,359	18,872	523,998	55,431	139,785	63,386	0	7,800	0	70,536	7,800	65,699
1963	29,202	86,029	18,872	443,172	144,897	139,785	42,914	0	7,800	0	49,606	7,800	65,699
1964	24,178	68,255	61,900	310,044	431,593	139,785	24,665	0	7,800	163,198	215,251	159,574	217,473
1965	87,626	44,963	18,872	328,707	231,794	139,785	57,617	0	7,800	120,240	146,276	118,623	177,522
1966	79,291	40,066	18,872	343,901	307,657	139,785	31,027	0	7,800	124,115	175,878	123,227	181,126
1967	393,605	51,560	18,872	661,846	1,678,502	139,785	41,238	0	7,800	1,452,756	237,473	1,358,863	1,416,762
1968	259,911	59,205	150,438	648,658	469,310	139,785	45,012	0	7,800	406,282	196,133	469,351	527,250
1969	76,660	78,313	18,872	623,005	269,846	139,785	45,476	0	7,800	60,117	237,473	63,709	121,608
1970	89,373	68,992	18,872	618,386	310,579	139,785	52,855	0	7,800	193,702	178,582	187,943	245,842
1971	462,165	77,706	220,356	689,314	2,266,411	139,785	28,100	0	7,800	2,259,991	237,473	2,109,392	2,167,491
1972	65,740	71,706	17,274	658,775	254,041	139,785	41,137	0	7,800	128,526	199,339	127,331	185,230
1973	333,411	64,093	169,145	687,486	836,351	139,785	5,746	0	7,800	621,831	237,473	772,103	830,002
1974	169,235	82,307	59,825	689,314	306,638	139,785	42,139	0	7,800	189,042	233,970	182,679	240,578
1975	150,332	86,776	64,887	660,569	306,447	139,785	62,320	0	7,800	205,984	197,215	199,365	257,264
1976	281,523	72,148	126,982	689,314	759,640	139,785	18,340	0	7,800	690,239	237,473	649,722	707,621
1977	235,577	100,841	130,690	638,147	388,753	139,785	65,318	0	7,800	397,581	154,232	377,551	435,450
1978	164,323	84,707	29,488	675,817	184,389	139,785	52,164	0	7,800	0	176,160	7,800	65,699
1979	159,602	82,187	81,715	636,993	250,277	139,785	41,049	0	7,800	165,360	161,856	161,585	219,484
1980	174,992	100,245	25,333	675,705	504,073	139,785	55,763	0	7,800	293,713	202,103	280,953	338,852
1981	307,468	70,621	159,405	685,802	877,447	139,785	23,880	0	7,800	840,919	234,372	789,854	847,753
1982	60,229	89,837	17,369	631,459	180,736	139,785	73,935	0	7,800	67,178	151,590	70,276	128,175
1983	34,523	77,230	18,872	564,752	115,821	139,785	40,888	0	7,800	0	103,519	7,800	65,699
1984	59,702	94,117	18,872	508,338	102,088	139,785	32,664	0	7,800	0	50,031	7,800	65,699
1985	159,109	43,237	18,872	598,209	476,023	139,785	31,316	0	7,800	134,352	237,473	132,747	190,645
1986	153,623	68,758	18,872	659,074	94,116	139,785	58,267	0	7,800	0	150,409	7,800	65,699
1987	678,877	76,881	405,317	682,417	305,473	139,785	34,690	0	7,800	466,159	200,565	459,928	517,827
1988	71,622	102,878	18,872	627,161	52,356	139,785	51,650	0	7,800	0	78,358	7,800	65,699
1989	59,472	103,580	18,872	558,052	182,899	139,785	61,340	0	7,800	0	77,004	7,800	65,699

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)+(Segment Delivery Factor)+(Other Tributary Inflows).
Another example is, Nueces Estuary Inflows = (LCC Releases)+(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-31
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = NONE; 2010 Sediment Accumulation; Baseline Conditions)
Run R02

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,256	34142	655,091	323,703	172,043	46,972	0	9,600	140,110	211,073	138,102	209,362
1935	899,837	18,668	598594	684,774	1,971,228	172,043	28,198	0	9,600	2,375,614	205,041	2,217,121	2,286,381
1936	282,578	46,353	166066	684,774	749,398	172,043	25,118	0	9,600	710,991	212,353	669,022	740,282
1937	66,555	84,530	16872	642,799	128,035	172,043	46,758	0	9,600	0	136,459	7,800	79,060
1938	95,147	102,815	26939	596,811	325,114	172,043	62,070	0	9,600	127,749	128,650	126,606	197,866
1939	76,749	83,807	16872	565,753	269,616	172,043	60,686	0	9,600	0	182,409	7,800	79,060
1940	206,894	64,973	20174	680,977	779,993	172,043	46,107	0	9,600	552,074	212,353	521,229	592,489
1941	446,252	34,022	294794	673,869	994,963	172,043	18,327	0	9,600	1,126,703	185,038	1,055,634	1,126,894
1942	342,179	55,310	205482	668,445	945,113	172,043	30,098	0	9,600	948,345	185,146	889,761	961,021
1943	71,937	88,098	16872	628,263	161,056	172,043	49,411	0	9,600	0	141,621	7,800	79,060
1944	131,110	74,211	16872	661,182	630,193	172,043	45,467	0	9,600	392,967	178,209	373,259	444,519
1945	107,492	90,562	16872	654,113	447,692	172,043	57,553	0	9,600	232,553	180,624	224,074	295,334
1946	323,039	57,705	172932	673,456	1,010,103	172,043	33,025	0	9,600	969,533	189,057	909,466	980,726
1947	36,172	87,863	16872	597,765	279,647	172,043	52,866	0	9,600	111,902	148,765	111,869	183,129
1948	42,109	87,644	16872	528,230	115,220	172,043	41,766	0	9,600	0	67,048	7,800	79,060
1949	218,812	59,785	16872	663,257	757,726	172,043	42,819	0	9,600	433,389	193,394	410,852	482,112
1950	20,676	102,813	16872	557,120	188,694	172,043	71,566	0	9,600	35,890	119,461	41,178	112,438
1951	153,199	84,922	16872	601,397	338,469	172,043	56,406	0	9,600	67,218	179,136	70,312	141,572
1952	32,784	87,350	16872	522,831	143,335	172,043	53,398	0	9,600	0	113,902	7,800	79,060
1953	256,286	79,490	21295	669,336	468,874	172,043	42,604	0	9,600	191,355	198,069	185,760	257,020
1954	34,820	117,594	16872	562,562	226,784	172,043	71,341	0	9,600	56,437	141,904	60,287	131,547
1955	39,869	120,360	16872	458,072	116,167	172,043	54,570	0	9,600	0	48,330	7,800	79,060
1956	53,601	97,411	56406	334,026	123,426	172,043	20,562	0	9,600	0	35,556	7,800	79,060
1957	423,636	69,106	17116	664,211	1,248,395	172,043	41,080	0	9,600	888,175	199,769	833,803	905,063
1958	465,123	52,594	275552	684,774	1,254,231	172,043	25,984	0	9,600	1,319,173	212,353	1,234,631	1,305,891
1959	129,998	89,094	34510	676,589	357,269	172,043	54,844	0	9,600	174,006	203,239	169,625	240,885
1960	92,022	60,022	16872	684,589	415,631	172,043	28,152	0	9,600	223,194	212,353	215,370	286,630
1961	120,225	76,429	66579	633,678	243,964	172,043	56,329	0	9,600	127,853	166,671	126,703	197,963
1962	9,206	99,054	16872	519,830	55,431	172,043	48,895	0	9,600	0	18,036	7,800	79,060
1963	29,202	80,463	57764	386,401	144,897	172,043	31,231	0	9,600	0	17,423	7,800	79,060
1964	24,178	55,874	102545	208,837	431,593	172,043	22,081	0	9,600	171,971	185,466	167,733	238,993
1965	87,626	36,889	16872	235,574	231,794	172,043	54,963	0	9,600	100,418	106,708	101,189	172,449
1966	79,291	33,658	16872	257,207	307,657	172,043	29,486	0	9,600	93,823	135,884	95,056	166,316
1967	393,605	43,524	16872	583,288	1,678,502	172,043	32,161	0	9,600	1,414,701	212,353	1,323,472	1,394,732
1968	259,911	59,072	98388	644,172	489,310	172,043	43,619	0	9,600	427,795	156,594	405,649	476,909
1969	76,660	78,119	16872	618,713	269,846	172,043	38,914	0	9,600	20,002	212,353	26,402	97,662
1970	89,373	69,851	16872	614,235	310,579	172,043	50,638	0	9,600	178,299	136,823	173,618	244,878
1971	462,165	77,608	220754	684,774	2,266,411	172,043	21,013	0	9,600	2,220,580	212,353	2,072,939	2,144,199
1972	65,740	71,617	17274	654,325	254,041	172,043	39,590	0	9,600	116,126	155,910	115,797	187,057
1973	333,411	64,057	169234	682,947	836,351	172,043	3,595	0	9,600	773,504	212,353	727,158	798,418
1974	169,235	82,243	59871	684,774	306,638	172,043	40,703	0	9,600	163,842	202,275	160,173	231,433
1975	150,332	86,714	64892	656,084	306,447	172,043	60,462	0	9,600	181,481	159,627	176,578	247,838
1976	281,523	72,099	127056	684,774	759,640	172,043	14,967	0	9,600	646,960	212,353	609,473	680,733
1977	235,577	100,720	130690	633,728	388,753	172,043	62,626	0	9,600	382,082	115,045	363,136	434,396
1978	164,323	84,569	29662	671,268	184,389	172,043	42,259	0	9,600	0	114,794	7,800	79,060
1979	159,602	82,100	81730	632,532	250,277	172,043	38,515	0	9,600	114,240	122,002	114,043	185,303
1980	174,992	100,109	25433	671,238	504,073	172,043	50,770	0	9,600	258,792	169,903	248,477	319,737
1981	307,468	70,583	159482	681,264	877,447	172,043	23,274	0	9,600	804,623	206,891	756,099	827,359
1982	60,229	89,715	17397	627,031	180,736	172,043	69,677	0	9,600	52,541	110,763	56,663	127,923
1983	34,523	76,806	21882	553,622	115,821	172,043	26,163	0	9,600	0	50,260	7,800	79,060
1984	59,702	90,193	65479	429,989	102,088	172,043	15,668	0	9,600	0	30,117	7,800	79,060
1985	159,109	39,901	16872	525,196	476,023	172,043	31,419	0	9,600	108,552	210,997	108,753	180,013
1986	153,623	63,872	16872	590,948	94,116	172,043	52,723	0	9,600	0	97,219	7,800	79,060
1987	676,877	75,852	361397	677,894	305,473	172,043	33,329	0	9,600	395,727	162,990	375,826	447,086
1988	71,622	102,731	16872	622,785	52,356	172,043	36,884	0	9,600	0	23,291	7,800	79,060
1989	58,472	102,245	25309	543,010	182,899	172,043	29,893	0	9,600	0	29,564	7,800	79,060

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows). Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows)

Table 5-32
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = NONE; 2010 Sediment Accumulation; Baseline Conditions)
Run R03

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,070	34,145	648,462	323703	211,828	42,707	0	11,820	107,517	170,469	107,790	195,529
1935	899,837	18,638	598,743	677,964	1971228	211,828	28,143	0	11,820	2,339,030	161,439	2,183,098	2,270,837
1936	282,578	46,320	166,090	677,964	749398	211,828	24,335	0	11,820	668,730	172,033	629,719	717,458
1937	66,555	84,456	24,956	624,564	128035	211,828	33,534	0	11,820	0	79,662	7,800	95,539
1938	95,147	102,372	19,057	590,231	325114	211,828	56,758	0	11,820	83,733	71,515	85,671	173,410
1939	76,749	83,461	16,252	560,382	269616	211,828	44,998	0	11,820	0	100,557	7,800	95,539
1940	208,894	64,856	21,239	674,207	779993	211,828	42,418	0	11,820	472,870	174,673	447,569	535,308
1941	446,252	33,991	294,837	667,069	994963	211,828	17,913	0	11,820	1,093,108	141,625	1,024,390	1,112,129
1942	342,179	55,206	205,547	661,656	945113	211,828	26,334	0	11,820	912,216	141,908	856,161	943,900
1943	71,937	87,870	16,872	621,723	161056	211,828	40,276	0	11,820	0	67,732	7,800	95,539
1944	131,110	74,069	17,036	654,530	630193	211,828	40,438	0	11,820	331,042	131,654	315,669	403,408
1945	107,492	90,364	16,872	647,658	447692	211,828	54,258	0	11,820	192,786	137,346	187,091	274,830
1946	323,039	57,600	173,248	666,655	1010103	211,828	31,013	0	11,820	932,196	145,661	874,742	962,481
1947	38,172	87,607	16,872	591,220	279647	211,828	50,500	0	11,820	80,060	99,792	82,256	169,995
1948	42,109	86,495	24,791	511,570	115220	211,828	21,971	0	11,820	0	6,005	7,800	95,539
1949	218,812	57,071	40,122	616,238	757726	211,828	41,324	0	11,820	406,778	143,924	386,103	473,842
1950	20,676	98,232	16,872	514,662	188694	211,828	62,316	0	11,820	8,932	66,414	16,107	103,846
1951	153,199	81,212	16,841	559,868	338469	211,828	42,161	0	11,820	36,914	132,821	42,130	129,869
1952	32,784	83,766	16,872	484,864	143335	211,828	42,727	0	11,820	0	38,473	7,800	95,539
1953	256,286	75,371	28,993	624,537	468874	211,828	22,564	0	11,820	144,440	157,508	142,129	229,868
1954	34,820	112,690	16,872	522,667	226784	211,828	63,670	0	11,820	35,085	90,582	40,429	128,168
1955	39,869	113,904	37,445	395,366	116167	211,828	26,374	0	11,820	0	5,992	7,800	95,539
1956	53,601	77,465	109,876	215,206	123426	211,828	11,470	0	11,820	0	15,997	7,800	95,539
1957	423,638	58,600	32,081	534,610	1248395	211,828	37,785	0	11,820	887,641	159,219	833,306	921,045
1958	465,123	52,937	188,989	677,964	1254231	211,828	25,271	0	11,820	1,190,667	174,673	1,115,120	1,202,859
1959	129,998	86,932	34,620	669,784	357269	211,828	48,755	0	11,820	146,169	159,810	143,738	231,477
1960	92,022	59,855	16,872	677,950	415631	211,828	21,668	0	11,820	184,144	174,673	179,054	266,793
1961	120,225	76,308	66,714	628,968	243964	211,828	53,685	0	11,820	104,669	115,169	105,142	192,881
1962	9,206	97,810	71,644	436,452	55431	211,828	24,453	0	11,820	0	5,964	7,800	95,539
1963	29,202	68,897	91,365	266,793	144897	211,828	24,444	0	11,820	0	5,954	7,800	95,539
1964	24,178	33,432	124,953	79,797	431593	211,828	17,649	0	11,820	190,910	142,112	185,346	273,085
1965	87,626	24,202	16,872	119,221	231794	211,828	50,129	0	11,820	76,379	52,442	78,833	166,572
1966	79,291	23,852	16,872	150,660	307657	211,828	26,809	0	11,820	57,174	81,160	60,972	148,711
1967	393,605	30,006	43,430	452,481	1678502	211,828	16,098	0	11,820	1,400,494	174,673	1,310,260	1,397,999
1968	259,911	58,172	16,872	630,220	489310	211,828	40,582	0	11,820	327,353	101,092	312,239	399,978
1969	76,660	77,239	16,872	605,641	269846	211,828	23,673	0	11,820	0	152,308	7,800	95,539
1970	89,373	69,160	16,872	601,854	310579	211,828	45,338	0	11,820	138,121	84,472	136,253	223,992
1971	462,165	76,343	217,728	677,964	2266411	211,828	7,903	0	11,820	2,174,207	174,673	2,029,812	2,117,551
1972	65,740	71,483	17,274	647,649	254041	211,828	36,402	0	11,820	100,996	96,763	101,726	189,465
1973	333,411	64,000	169,368	676,138	836351	211,828	-765	0	11,820	717,983	173,436	675,524	763,263
1974	169,235	82,145	59,941	677,964	306638	211,828	37,896	0	11,820	134,586	155,705	132,965	220,704
1975	150,332	86,621	64,899	649,358	306447	211,828	56,180	0	11,820	151,726	107,317	148,905	236,644
1976	281,523	72,024	127,168	677,964	759640	211,828	13,042	0	11,820	594,582	174,673	560,762	648,501
1977	235,577	100,538	130,690	627,100	388753	211,828	57,811	0	11,820	363,040	61,437	345,427	433,166
1978	164,323	83,912	30,240	664,496	184389	211,828	21,734	0	11,820	0	42,503	7,800	95,539
1979	159,602	81,967	81,752	625,841	250277	211,828	32,252	0	11,820	63,282	67,170	66,653	154,392
1980	174,992	99,914	25,575	664,538	504073	211,828	39,140	0	11,820	222,142	123,709	214,392	302,131
1981	307,468	70,525	159,597	674,458	877447	211,828	22,379	0	11,820	760,227	166,319	714,811	802,550
1982	60,229	89,532	17,409	620,392	180736	211,828	62,128	0	11,820	34,786	55,721	40,151	127,890
1983	34,523	72,428	84,116	462,834	115821	211,828	14,258	0	11,820	0	29,571	7,800	95,539
1984	59,702	76,367	100,760	302,839	102068	211,828	8,173	0	11,820	0	12,419	7,800	95,539
1985	159,109	32,871	20,587	399,793	476023	211,828	31,411	0	11,820	95,381	170,410	96,504	184,243
1986	153,623	54,897	16,872	474,519	94116	211,828	41,252	0	11,820	0	28,317	7,800	95,539
1987	676,877	73,960	285,647	671,111	305473	211,828	30,519	0	11,820	266,452	110,637	255,601	343,340
1988	71,622	99,237	77,095	533,830	52356	211,828	19,117	0	11,820	0	9,143	7,800	95,539
1989	58,472	91,450	43,232	439,356	182699	211,828	17,504	0	11,820	0	5,942	7,800	95,539

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows). Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-33
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 1990 Sediment Accumulation; Without Interim Operation Rules) a/
Run R1

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,136	75,379	34,139	659,511	323,703	139,785	44,117	102,341	54,600	98,845	207,624	194,903	201,403
1935	899,837	18,687	598,496	689,314	1,971,228	139,785	28,033	12,139	54,600	2,271,679	232,906	2,131,750	2,138,250
1936	282,578	46,375	166,050	689,314	749,398	139,785	25,361	19,810	54,600	640,791	237,473	622,160	628,660
1937	66,555	84,773	21,698	640,232	128,035	139,785	41,149	104,945	54,600	0	101,327	105,398	111,898
1938	95,147	102,882	22,003	601,198	325,114	139,785	60,998	94,302	54,600	28,872	113,845	122,352	128,852
1939	76,749	84,067	16,872	569,880	269,616	139,785	49,080	104,945	54,600	0	106,523	105,398	111,898
1940	208,894	65,068	19,836	685,490	779,993	139,785	41,939	87,715	54,600	382,210	237,473	444,830	451,330
1941	446,252	34,042	294,766	676,403	994,963	139,785	18,504	22,155	54,600	1,052,624	211,344	1,007,345	1,013,845
1942	342,179	55,379	205,439	672,971	945,113	139,785	30,430	70,557	54,600	873,883	212,854	886,130	892,630
1943	71,937	88,250	16,872	632,656	161,056	139,785	47,210	104,945	54,600	0	98,842	105,398	111,898
1944	131,110	74,297	16,872	665,471	630,193	139,785	42,030	82,983	54,600	262,873	196,275	329,446	335,946
1945	107,492	90,681	16,872	658,282	447,692	139,785	58,004	81,877	54,600	149,763	208,343	223,225	229,725
1946	323,038	57,769	172,631	677,989	1,010,103	139,785	33,862	21,850	54,600	895,645	216,841	861,071	867,571
1947	36,172	88,033	16,872	602,128	279,647	139,785	52,952	72,430	54,600	67,909	147,769	138,315	144,815
1948	42,109	86,722	33,072	510,472	115,220	139,785	28,350	104,945	54,600	0	22,981	105,398	111,898
1949	218,812	57,309	32,839	625,263	757,726	139,785	42,010	45,595	54,600	334,226	192,580	361,034	367,534
1950	20,676	98,795	16,872	523,143	188,694	139,785	66,232	104,945	54,600	0	87,185	105,398	111,898
1951	153,199	81,861	17,573	569,484	338,469	139,785	39,832	104,945	54,600	0	158,666	105,398	111,898
1952	32,784	84,460	16,872	493,808	143,335	139,785	41,359	104,945	54,600	0	32,784	105,398	111,898
1953	256,286	72,391	73,327	573,397	468,874	139,785	21,507	69,555	54,600	84,241	224,508	150,830	157,330
1954	34,820	106,681	16,872	477,536	226,784	139,785	71,007	104,945	54,600	8,777	149,651	113,561	120,061
1955	39,869	108,086	44,884	345,473	116,167	139,785	37,100	104,945	54,600	0	22,873	105,398	111,898
1956	53,601	61,840	144,641	131,486	123,426	139,785	20,184	104,945	54,600	0	26,026	105,398	111,898
1957	423,636	51,378	32,467	457,563	1,248,395	139,785	42,123	23,168	54,600	793,833	226,203	767,611	774,111
1958	465,123	53,591	126,386	689,314	1,254,231	139,785	25,362	81,311	54,600	1,099,256	237,473	1,105,727	1,112,227
1959	129,998	89,201	34,437	681,125	357,269	139,785	52,303	90,889	54,600	101,596	230,550	186,812	193,312
1960	92,022	60,132	16,872	689,015	415,631	139,785	26,744	90,479	54,600	154,107	237,473	235,265	241,765
1961	120,225	76,509	66,490	638,152	243,964	139,785	54,873	102,341	54,600	86,154	162,170	183,101	189,601
1962	9,206	98,326	83,038	430,912	55,431	139,785	32,950	104,945	54,600	0	22,959	105,398	111,898
1963	29,202	64,131	134,374	204,839	144,897	139,785	30,415	104,945	54,600	0	27,086	105,398	111,898
1964	24,178	12,666	142,536	13,706	431,593	139,785	23,073	92,519	54,600	120,189	213,223	205,619	212,119
1965	87,626	15,527	16,872	61,805	231,794	139,785	56,518	64,976	54,600	49,912	110,730	114,646	121,146
1966	79,291	17,670	16,872	99,426	307,657	139,785	30,276	85,632	54,600	19,313	140,941	105,398	111,898
1967	393,605	23,614	36,059	418,124	1,678,502	139,785	25,469	68,517	54,600	1,347,831	237,473	1,325,003	1,331,503
1968	259,911	55,830	16,872	598,205	489,310	139,785	43,738	69,826	54,600	296,805	156,382	348,767	355,267
1969	76,660	74,381	16,872	576,484	269,846	139,785	27,611	104,945	54,600	0	172,760	105,398	111,898
1970	89,373	66,766	16,872	575,091	310,579	139,785	50,201	88,752	54,600	61,736	143,542	147,756	154,256
1971	462,165	74,335	192,345	689,314	2,266,411	139,785	16,937	68,517	54,600	2,103,158	237,473	2,027,458	2,033,958
1972	65,740	71,706	17,274	658,775	254,041	139,785	39,284	71,304	54,600	76,333	148,442	145,103	151,603
1973	333,411	64,095	169,145	687,486	836,351	139,785	4,256	52,325	54,600	667,480	237,473	677,219	683,719
1974	169,235	82,307	59,825	689,314	306,638	139,785	39,385	76,419	54,600	99,419	220,402	171,329	177,829
1975	150,332	86,776	64,887	660,569	306,447	139,785	60,049	88,752	54,600	124,974	161,984	206,566	213,066
1976	281,523	72,149	126,982	689,314	759,640	139,785	14,802	68,517	54,600	551,601	237,473	584,510	591,010
1977	235,577	100,841	130,690	638,147	388,753	139,785	63,275	59,184	54,600	335,101	113,811	374,485	380,985
1978	164,323	84,551	29,598	675,817	184,389	139,785	28,095	104,945	54,600	0	54,972	105,398	111,898
1979	159,602	82,187	81,715	636,993	250,277	139,785	34,051	104,945	54,600	0	108,184	105,398	111,898
1980	174,992	100,245	25,333	675,705	504,073	139,785	43,029	104,945	54,600	172,633	177,198	265,947	272,447
1981	307,468	70,621	159,405	685,802	877,447	139,785	23,567	20,848	54,600	712,415	233,338	689,735	696,235
1982	60,229	89,837	17,389	631,459	180,736	139,785	70,338	90,988	54,600	13,956	102,439	105,398	111,898
1983	34,523	73,074	81,414	477,098	115,821	139,785	21,022	104,945	54,600	0	33,923	105,398	111,898
1984	59,702	71,580	156,230	242,987	102,088	139,785	16,593	104,945	54,600	0	30,919	105,398	111,898
1985	159,109	29,609	16,872	348,487	476,023	139,785	27,340	103,942	54,600	14,293	237,452	117,758	124,258
1986	153,623	50,713	16,872	427,397	94,116	139,785	49,034	104,945	54,600	0	54,677	105,398	111,898
1987	676,877	73,250	245,071	682,417	305,473	139,785	34,095	88,752	54,600	161,433	164,964	240,472	246,972
1988	71,622	99,648	86,681	531,089	52,356	139,785	29,103	104,945	54,600	0	30,169	105,398	111,898
1989	58,472	87,409	85,656	380,308	182,899	139,785	30,994	104,945	54,600	0	23,000	105,398	111,898

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows). Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-34
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 130,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 1990 Sediment Accumulation; With Interim Operation Rules)
Run R2

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,379	34,139	659,511	323,703	139,785	45,530	79,222	7,800	105,765	219,073	179,836	233,136
1935	899,837	18,687	598,496	689,314	1,971,228	139,785	28,157	13,078	7,800	2,338,917	229,177	2,195,156	2,248,456
1936	282,578	46,375	166,050	689,314	749,398	139,785	25,317	13,157	7,800	672,859	237,473	645,795	699,095
1937	68,555	84,683	16,872	647,186	128,035	139,785	43,267	95,199	7,800	0	104,129	96,335	149,635
1938	95,147	102,978	26,624	601,198	325,114	139,785	62,252	56,084	7,800	58,762	124,191	114,607	167,907
1939	76,749	84,067	16,872	569,880	269,616	139,785	53,119	96,129	7,800	0	121,645	97,200	150,500
1940	208,694	65,068	19,836	685,490	779,993	139,785	43,386	52,696	7,800	416,520	237,473	444,171	497,471
1941	446,252	34,042	294,766	678,403	994,963	139,785	18,507	8,277	7,800	1,106,016	209,116	1,044,092	1,097,392
1942	342,179	55,379	205,439	672,971	945,113	139,785	30,710	64,755	7,800	896,218	209,158	901,505	954,805
1943	71,937	88,250	16,872	632,658	161,056	139,785	47,681	96,129	7,800	0	103,491	97,200	150,500
1944	131,110	74,297	16,872	665,471	630,193	139,785	43,139	79,592	7,800	277,775	198,577	340,151	393,451
1945	107,492	90,681	16,872	656,282	447,692	139,785	58,697	46,209	7,800	189,875	204,640	227,358	280,658
1946	323,039	57,769	172,631	677,989	1,010,103	139,785	33,757	17,706	7,800	931,879	213,135	890,914	944,214
1947	36,172	86,033	16,872	602,126	279,647	139,785	53,494	44,716	7,800	80,285	160,963	124,051	177,351
1948	42,109	87,942	16,872	532,295	115,220	139,785	31,386	96,129	7,800	0	25,755	97,200	150,500
1949	218,612	58,665	31,691	647,362	757,726	139,785	42,408	29,741	7,800	367,057	206,158	376,822	430,122
1950	20,676	100,999	16,872	543,039	188,694	139,785	70,172	96,129	7,800	0	105,638	97,200	150,500
1951	153,199	83,598	16,872	588,640	338,469	139,785	47,030	96,129	7,800	0	178,035	97,200	150,500
1952	32,784	86,116	16,872	511,308	143,335	139,785	47,159	96,129	7,800	0	55,170	97,200	150,500
1953	256,286	76,921	46,562	624,440	468,874	139,785	22,936	69,252	7,860	97,505	223,743	162,944	216,184
1954	34,820	112,255	16,872	523,005	226,784	139,785	71,865	89,447	7,800	13,025	149,289	103,099	156,399
1955	39,869	114,692	34,774	398,717	116,167	139,785	41,536	96,031	7,891	0	22,878	97,200	150,409
1956	53,601	80,037	97,694	233,314	123,426	129,909	21,953	48,456	7,795	0	43,680	52,859	101,847
1957	423,638	61,341	16,872	571,611	1,248,395	136,511	42,450	11,834	7,833	839,161	225,439	799,259	851,095
1958	465,123	52,897	207,050	689,314	1,254,231	139,785	25,815	61,329	7,800	1,202,043	237,473	1,162,736	1,236,036
1959	129,998	89,201	34,437	681,125	357,269	139,785	53,353	81,526	7,800	117,411	227,349	192,812	246,112
1960	92,022	60,132	16,872	689,015	415,631	139,785	27,071	79,200	7,800	163,973	237,473	233,951	287,251
1961	120,225	76,509	66,490	638,152	243,964	139,785	56,120	90,020	7,800	87,229	173,244	172,641	225,941
1962	9,206	98,986	67,268	452,685	55,431	139,785	37,081	96,129	7,800	0	22,947	97,200	150,500
1963	29,202	69,830	93,658	278,830	144,897	135,173	31,098	67,826	8,068	0	27,404	71,146	122,162
1964	24,178	42,832	89,219	133,265	431,593	123,031	24,486	19,165	7,382	164,835	212,511	178,502	224,897
1965	87,626	29,653	16,872	167,238	231,794	131,946	57,032	22,912	7,917	94,573	131,186	117,178	166,935
1966	79,291	27,828	16,872	194,701	307,657	133,597	29,930	34,727	8,016	88,283	145,650	122,415	172,794
1967	393,605	37,178	16,872	527,128	1,678,502	124,685	34,482	16,498	7,346	1,419,560	237,473	1,342,880	1,390,034
1968	259,911	59,033	55,782	648,658	489,310	139,785	44,004	50,691	7,800	358,704	162,131	388,537	441,837
1969	76,660	78,313	16,872	623,005	269,846	139,785	30,602	96,129	7,800	0	182,333	97,200	150,500
1970	89,373	69,992	16,872	618,386	310,579	139,785	50,578	69,682	7,800	80,610	145,106	147,571	200,871
1971	462,165	77,553	220,519	689,314	2,266,411	139,785	18,278	58,996	7,800	2,156,689	237,473	2,070,248	2,123,548
1972	65,740	71,706	17,274	656,775	254,041	139,785	39,538	55,715	7,800	96,306	152,115	149,180	202,480
1973	333,411	64,095	169,145	687,486	836,351	139,785	4,292	34,973	7,800	698,858	237,473	690,263	743,563
1974	169,235	82,307	59,825	689,314	306,636	139,785	39,995	73,264	7,800	113,410	222,699	181,406	234,706
1975	150,332	86,776	64,887	660,569	306,447	139,785	60,695	49,981	7,800	147,331	167,603	191,301	244,601
1976	281,523	72,149	126,982	689,314	759,640	139,785	15,207	62,984	7,800	581,254	237,473	606,941	660,241
1977	235,577	100,841	130,690	638,147	388,753	139,785	63,617	49,657	7,800	369,794	117,349	398,075	451,375
1978	164,323	84,707	29,466	675,817	184,389	139,785	31,108	96,129	7,800	0	64,204	97,200	150,500
1979	158,602	82,187	81,715	636,993	250,277	139,785	36,192	96,129	7,800	0	124,091	97,200	150,500
1980	174,992	100,245	25,333	675,705	504,073	139,785	47,300	75,064	7,800	191,184	190,143	255,411	308,711
1981	307,468	70,621	159,405	685,802	877,447	139,785	23,663	14,022	7,800	761,781	232,574	729,297	782,597
1982	60,229	89,837	17,389	631,459	180,736	139,785	70,682	59,148	7,800	30,548	105,946	91,217	144,517
1983	34,523	73,710	77,617	481,863	115,821	139,785	22,844	96,129	7,800	0	40,627	97,200	150,500
1984	59,702	75,404	123,495	290,492	102,088	133,572	17,053	75,349	7,836	0	40,238	77,910	128,458
1985	159,109	32,439	16,872	393,161	476,023	136,511	28,166	83,468	7,881	44,614	236,668	126,997	178,785
1986	153,623	54,340	16,872	468,445	94,116	139,785	50,058	96,025	7,897	0	61,809	97,200	150,403
1987	676,877	73,905	273,467	682,417	305,473	139,785	33,984	65,424	7,800	205,253	170,716	259,529	312,829
1988	71,622	100,504	71,264	552,163	52,356	139,785	31,466	96,129	7,800	0	26,957	97,200	150,500
1989	58,472	90,725	78,440	408,332	182,899	139,785	29,552	95,984	7,935	0	22,975	97,200	150,365

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows).
Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-35
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2010 Sediment Accumulation; Without Interim Operation Rules)
Run R3

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,256	34,142	655,091	323,703	172,043	40,212	93,459	67,200	96,250	167,510	184229	192,229
1935	899,837	18,668	598,594	684,774	1,971,228	172,043	27,639	15,733	67,200	2,238,464	205,004	2104204	2,112,204
1936	282,578	46,353	166,066	684,774	749,398	172,043	25,143	21,922	67,200	616,748	212,353	601762	609,762
1937	66,555	84,865	50,350	594,842	126,035	172,043	32,953	94,182	67,200	0	91,560	95389	103,389
1938	95,147	99,235	16,872	566,755	325,114	172,043	57,298	84,537	67,200	33,771	76,252	117826	125,826
1939	76,749	80,549	24,354	528,311	269,616	172,043	39,423	94,182	67,200	0	64,574	95389	103,389
1940	208,894	62,717	16,872	650,488	779,993	172,043	38,318	79,216	67,200	348,629	208,267	405696	413,696
1941	446,252	33,986	273,386	673,869	994,963	172,043	18,231	16,977	67,200	1,010,121	182,040	963001	971,001
1942	342,179	55,310	205,482	668,445	945,113	172,043	28,033	62,033	67,200	853,267	185,110	859029	867,029
1943	71,937	88,098	16,872	628,283	161,056	172,043	41,554	94,182	67,200	0	55,259	95389	103,389
1944	131,110	73,761	21,560	654,964	630,193	172,043	37,367	73,355	67,200	236,392	167,027	295865	303,865
1945	107,492	90,014	16,872	648,443	447,692	172,043	55,585	73,359	67,200	129,193	180,588	196174	204,174
1946	323,039	57,451	169,124	673,456	1,010,103	172,043	32,850	15,733	67,200	871,720	189,021	833131	841,131
1947	36,172	87,863	16,872	597,765	279,647	172,043	51,374	62,848	67,200	50,260	117,680	112991	120,991
1948	42,109	83,949	71,368	454,405	115,220	172,043	23,275	94,182	67,200	0	14,769	95389	103,389
1949	218,812	53,903	35,589	568,690	757,726	172,043	41,296	38,382	67,200	338,402	162,162	358209	366,209
1950	20,676	93,386	16,872	471,980	188,694	172,043	56,562	94,182	67,200	0	44,941	95389	103,389
1951	153,199	74,168	55,546	471,998	338,469	172,043	34,877	94,182	67,200	0	137,853	95389	103,389
1952	32,784	76,179	34,371	379,711	143,335	172,043	34,463	94,182	67,200	0	14,872	95389	103,389
1953	256,286	59,187	93,357	444,012	468,874	172,043	19,222	62,033	67,200	93,624	198,033	152561	160,561
1954	34,820	92,279	16,872	362,553	226,784	172,043	66,133	94,182	67,200	0	109,331	95389	103,389
1955	39,869	85,994	83,036	198,313	116,167	172,043	27,570	94,182	67,200	0	14,739	95389	103,389
1956	53,601	21,267	157,072	7,340	123,426	172,043	14,055	94,182	67,200	0	14,957	95389	103,389
1957	423,638	40,173	15,482	368,841	1,248,395	172,043	39,534	23,998	67,200	778,619	199,733	753857	761,857
1958	465,123	51,134	68,933	684,774	1,254,231	172,043	23,098	76,626	67,200	1,021,221	212,353	1028798	1,036,798
1959	129,998	89,094	34,510	676,589	357,269	172,043	48,187	82,715	67,200	86,517	203,203	165185	173,185
1960	92,022	60,022	16,872	684,589	415,631	172,043	23,438	82,823	67,200	133,690	212,353	209157	217,157
1961	120,225	76,429	66,579	633,678	243,964	172,043	51,930	93,459	67,200	83,638	121,103	172499	180,499
1962	9,206	94,874	128,770	364,837	55,431	172,043	24,163	94,182	67,200	0	14,917	95389	103,389
1963	29,202	53,549	150,079	127,006	144,897	172,043	26,858	94,182	67,200	0	16,811	95389	103,389
1964	24,178	6,996	91,981	13,468	431,593	172,043	16,214	82,859	67,200	126,605	185,429	181221	189,221
1965	87,626	15,526	16,872	61,588	231,794	172,043	53,822	57,058	67,200	38,550	75,499	96715	104,715
1966	79,291	17,669	16,872	99,210	307,657	172,043	28,593	94,182	67,200	0	105,210	95389	103,389
1967	393,605	17,457	70,044	375,722	1,678,502	172,043	19,524	61,996	67,200	1,355,654	212,353	1326215	1,334,215
1968	259,911	53,527	16,872	558,106	489,310	172,043	41,687	62,125	67,200	289,589	121,034	334894	342,894
1969	76,660	70,462	46,094	498,736	269,846	172,043	18,539	94,182	67,200	0	152,211	95389	103,389
1970	89,373	61,714	16,872	502,395	310,579	172,043	47,221	79,216	67,200	57,859	108,357	135279	143,279
1971	462,165	68,167	148,768	684,774	2,266,411	172,043	11,325	61,996	67,200	2,033,633	212,353	1956735	1,964,735
1972	65,740	71,617	17,274	654,325	254,041	172,043	37,219	62,703	67,200	69,237	110,987	130504	138,504
1973	333,411	64,057	169,234	682,947	836,351	172,043	3,315	47,030	67,200	634,680	212,353	641791	649,791
1974	169,235	82,243	59,871	684,774	306,638	172,043	37,327	67,882	67,200	84,173	191,137	149211	157,211
1975	150,332	86,714	64,892	656,084	306,447	172,043	57,505	79,216	67,200	109,729	129,017	183519	191,519
1976	281,523	72,099	127,056	684,774	759,640	172,043	12,624	61,996	67,200	524,512	212,353	553252	561,252
1977	235,577	100,720	130,690	633,728	388,753	172,043	59,983	52,625	67,200	327,822	77,766	361615	369,615
1978	164,323	82,124	50,588	643,968	184,389	172,043	21,214	94,182	67,200	0	25,304	95389	103,389
1979	159,602	81,397	63,018	632,532	250,277	172,043	26,314	94,182	67,200	0	46,060	95389	103,389
1980	174,992	97,182	49,233	640,309	504,073	172,043	34,018	94,182	67,200	152,358	146,765	237082	245,082
1981	307,468	70,143	136,048	681,264	877,447	172,043	23,245	44,891	67,200	665,935	206,855	668868	676,868
1982	60,229	89,715	17,397	627,031	180,736	172,043	65,431	88,615	67,200	5,567	67,764	95389	103,389
1983	34,523	69,966	118,968	422,360	115,821	172,043	15,663	94,182	67,200	0	20,665	95389	103,389
1984	59,702	61,315	175,852	170,601	102,088	172,043	13,422	94,182	67,200	0	18,959	95389	103,389
1985	159,109	24,284	17,945	279,901	476,023	172,043	25,965	94,182	67,200	9,776	210,961	104481	112,481
1986	153,623	44,720	32,212	342,982	94,116	172,043	41,602	94,182	67,200	0	29,462	95389	103,389
1987	676,877	71,973	189,804	677,894	305,473	172,043	33,384	92,203	67,200	93,231	131,899	180253	188,253
1988	71,622	96,267	125,844	474,239	52,356	172,043	23,018	94,182	67,200	0	20,857	95389	103,389
1989	58,472	79,965	102,798	306,518	182,899	172,043	25,370	94,182	67,200	0	14,960	95389	103,389

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows).
Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-36
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 160,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2010 Sediment Accumulation; With Interim Operation Rules)
Run R4

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,136	75,256	34,142	655,091	323,703	172,043	42,994	63,647	33,600	96,126	194,542	182,180	223,780
1935	899,837	18,668	598,584	684,774	1,971,228	172,043	28,082	7,057	33,600	2,325,110	204,247	2,202,515	2,244,115
1936	282,578	46,353	166,066	684,774	749,398	172,043	25,022	13,257	33,600	655,436	212,353	655,484	697,084
1937	66,555	84,761	28,059	626,656	128,035	172,043	37,249	68,163	33,975	0	90,992	97,366	138,591
1938	95,147	102,421	16,872	595,382	225,114	172,043	60,401	31,981	33,600	49,461	102,294	109,341	150,941
1939	76,749	83,681	16,872	564,450	269,616	172,043	47,595	68,638	33,821	0	100,506	97,654	139,033
1940	208,894	64,933	16,286	680,877	778,993	172,043	41,820	48,630	33,813	413,574	212,353	463,663	505,050
1941	446,252	34,022	284,764	673,866	994,963	172,043	18,325	791	33,600	1,091,598	184,249	1,049,522	1,091,122
1942	342,179	53,310	205,482	668,445	945,113	172,043	28,864	45,696	33,600	888,064	184,361	901,997	943,597
1943	71,937	88,098	16,872	628,283	161,056	172,043	43,793	68,876	33,600	0	77,577	97,654	139,254
1944	131,110	74,211	16,872	661,182	630,193	172,043	40,736	49,062	33,600	274,430	174,096	334,447	376,047
1945	107,492	90,562	16,872	654,113	447,692	172,043	57,205	22,009	33,600	160,504	178,837	221,936	263,536
1946	323,039	57,705	172,932	673,456	1,010,103	172,043	32,855	14,048	33,600	919,601	186,269	901,894	943,494
1947	36,172	87,863	16,872	597,765	279,647	172,043	52,135	33,219	33,600	73,283	129,712	132,647	174,247
1948	42,109	86,404	32,201	507,665	115,229	166,159	27,226	53,073	33,905	0	30,674	83,263	121,986
1949	218,812	58,505	17,825	642,617	757,726	169,464	41,899	16,137	33,613	380,674	178,446	402,648	443,108
1950	20,676	100,690	16,872	538,603	188,694	172,043	64,774	68,876	33,600	0	78,320	97,654	139,254
1951	153,199	83,324	16,872	584,478	338,469	167,708	45,530	40,742	34,119	3,282	173,118	75,061	114,247
1952	32,784	85,840	16,872	507,422	143,335	171,407	46,031	67,661	34,048	0	48,226	86,972	137,846
1953	256,286	78,352	16,466	661,934	468,874	159,986	24,470	15,711	33,018	127,010	198,069	165,747	202,661
1954	34,820	116,733	16,872	556,021	226,784	172,043	67,656	68,876	33,600	14,174	118,976	110,836	152,436
1955	39,869	119,041	25,268	440,906	116,167	162,895	34,972	40,832	33,653	0	21,711	71,827	109,175
1956	53,601	89,609	83,114	286,671	123,426	149,662	19,504	15,711	31,429	0	43,374	46,041	80,029
1957	423,638	65,473	16,872	620,837	1,248,385	162,484	41,460	0	32,581	875,339	190,769	846,646	885,087
1958	465,123	52,652	245,019	684,774	1,254,231	172,043	25,444	47,898	33,600	1,231,578	212,353	1,223,512	1,265,112
1959	129,995	89,084	34,510	676,589	357,269	172,043	50,401	58,066	33,600	113,036	202,452	192,725	234,325
1960	92,022	60,022	16,872	684,588	415,631	172,043	24,379	59,182	33,600	158,864	212,353	236,383	277,983
1961	120,225	76,429	86,379	633,678	243,964	172,043	54,871	57,969	33,600	89,351	148,662	170,608	212,208
1962	9,206	98,416	62,362	455,760	55,431	167,824	30,291	53,319	33,787	0	14,920	83,374	122,987
1963	29,202	72,491	67,093	317,033	144,887	154,632	30,907	21,433	32,473	0	19,938	52,406	87,523
1964	24,178	49,716	82,432	174,238	431,593	142,575	22,367	0	29,941	181,023	187,997	198,292	230,671
1965	87,626	33,582	16,872	204,282	231,794	149,103	55,327	5,722	31,312	115,100	111,115	143,676	177,537
1966	79,291	30,982	16,872	228,591	307,657	151,780	29,290	8,413	31,874	110,721	135,143	142,669	177,136
1967	393,605	40,562	16,872	557,614	1,678,502	148,552	34,509	0	30,615	1,431,781	212,353	1,362,171	1,396,488
1968	259,911	59,036	80,365	644,172	489,310	172,043	42,635	31,686	33,600	377,435	133,502	414,083	455,683
1969	76,660	78,160	15,782	620,222	269,846	172,043	24,175	68,426	34,018	0	154,485	97,654	138,836
1970	88,373	69,957	16,872	615,638	310,579	172,043	47,797	58,302	33,600	77,156	116,065	159,576	201,176
1971	482,165	76,884	222,250	684,774	2,266,411	170,278	12,581	44,659	33,718	2,156,634	212,353	2,080,820	2,121,631
1972	65,740	71,617	17,274	654,325	254,041	172,043	38,492	38,972	33,600	83,799	129,287	147,777	189,377
1973	333,411	64,057	169,234	682,947	836,351	172,043	3,126	34,332	33,600	688,369	212,353	705,712	747,312
1974	169,235	82,243	59,871	684,774	306,638	172,043	38,836	38,839	33,600	112,330	198,178	174,188	215,788
1975	150,332	86,714	64,692	656,084	306,447	172,043	58,518	53,270	33,600	138,724	136,768	212,154	253,754
1976	281,523	72,009	127,056	684,774	759,640	172,043	13,908	44,805	33,600	566,290	212,353	602,012	643,612
1977	235,577	100,720	130,690	633,728	388,753	172,043	61,574	24,696	33,600	361,790	92,089	393,034	434,634
1978	164,323	84,071	30,012	671,288	184,389	172,043	24,832	68,629	33,829	0	40,985	97,654	139,025
1979	159,602	82,082	81,743	632,532	250,277	172,043	33,373	68,876	33,600	0	98,713	97,654	139,254
1980	174,992	100,109	23,433	671,238	504,073	172,043	42,355	54,654	33,600	193,241	163,242	264,142	305,742
1981	307,468	70,583	159,482	681,284	877,447	172,043	23,232	13,257	33,600	743,148	206,991	737,056	778,656
1982	60,229	89,715	17,397	627,031	180,736	172,043	67,965	43,639	33,600	18,315	84,747	91,217	132,817
1983	34,523	72,721	82,993	470,778	115,821	164,396	19,827	53,073	33,535	0	46,266	82,892	121,214
1984	59,702	80,167	71,552	348,532	102,088	154,467	15,466	15,711	32,438	0	34,262	47,050	82,130
1985	159,109	35,680	16,872	447,953	476,923	158,586	30,764	21,433	32,928	102,585	210,997	148,358	184,748
1986	153,623	58,649	16,872	518,926	94,116	163,104	49,343	34,043	33,901	0	75,495	65,561	102,953
1987	676,877	74,660	311,604	677,884	305,473	170,486	32,564	57,239	34,490	288,735	130,789	356,247	396,276
1988	71,622	98,740	91,896	520,056	52,356	170,766	24,871	68,866	34,125	0	21,538	96,311	136,828
1989	58,472	81,311	32,969	440,320	182,899	157,309	29,139	24,125	33,035	0	26,832	55,471	91,195

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of ((CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows).
Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-37
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2040 Sediment Accumulation; Without Interim Operation Rules)
Run R5

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	94,138	75,070	34,145	648,462	323,703	211,828	32,871	84,939	82,740	91,466	111,418	171856	181,706
1935	899,837	18,638	598,743	677,964	1,971,228	211,828	26,778	12,220	82,740	2,196,405	161,439	2061821	2,071,671
1936	282,578	46,320	166,090	677,964	749,398	211,828	24,767	33,267	82,740	583,360	172,033	581262	591,112
1937	66,555	84,041	95,594	524,499	128,035	211,828	19,240	84,939	82,740	0	79,655	86793	96,643
1938	95,147	92,507	16,872	503,138	325,114	211,828	50,383	76,847	82,740	51,172	23,319	126858	136,708
1939	76,749	70,262	72,326	406,744	269,616	211,828	31,774	84,939	82,740	0	36,720	86793	96,643
1940	208,894	55,091	17,261	535,993	779,993	211,828	34,828	71,485	82,740	341,011	161,368	391421	401,271
1941	446,252	34,096	197,599	667,069	994,963	211,828	17,663	14,091	82,740	902,623	136,878	860344	870,194
1942	342,179	55,206	205,547	661,656	945,113	211,828	22,928	55,550	82,740	825,936	141,908	827582	837,432
1943	71,937	87,847	28,632	605,018	161,056	211,828	28,830	84,939	82,740	0	5,999	86793	96,643
1944	131,110	67,663	68,584	570,905	630,193	211,828	35,222	65,512	82,740	250,863	121,925	302029	311,879
1945	107,492	82,883	16,872	571,514	447,692	211,828	50,912	66,885	82,740	101,464	137,346	164364	174,214
1946	323,039	54,059	122,209	666,655	1,010,103	211,828	30,808	17,171	82,740	796,423	145,661	764443	774,293
1947	36,172	87,607	16,872	591,220	279,647	211,828	48,349	64,341	82,740	25,178	71,886	91052	100,902
1948	42,109	78,696	131,157	368,066	115,220	211,828	15,637	84,939	82,740	0	5,859	86793	96,643
1949	218,812	48,843	40,266	480,756	757,726	211,828	39,989	33,517	82,740	351,250	115,846	365634	375,484
1950	20,676	84,772	35,427	366,265	188,694	211,828	37,397	84,939	82,740	0	5,804	86793	96,643
1951	153,199	59,120	93,360	327,543	338,469	211,828	30,399	84,939	82,740	0	110,467	86793	96,643
1952	32,784	60,778	72,979	195,737	143,335	211,828	24,092	84,939	82,740	0	5,923	86793	96,643
1953	256,286	33,751	106,885	266,232	468,874	211,828	15,601	55,550	82,740	111,805	157,508	163441	173,291
1954	34,820	67,485	16,872	209,567	226,784	211,828	54,939	84,939	82,740	0	49,459	86793	96,643
1955	39,869	39,214	145,835	2,818	116,167	211,828	12,580	84,939	82,740	0	2,115	86793	96,643
1956	53,601	4,932	33,042	4,740	123,426	211,828	2,726	84,939	82,740	0	5,930	42199	52,049
1957	423,638	40,099	13,935	368,504	1,248,395	211,828	36,717	27,156	82,740	795,654	159,219	772433	782,283
1958	465,123	51,314	73,357	677,964	1,254,231	211,828	20,478	70,848	82,740	994,890	174,673	998936	1,008,786
1959	129,998	88,932	34,620	669,784	357,269	211,828	39,851	74,976	82,740	70,135	159,810	142753	152,603
1960	92,022	59,855	16,872	677,950	415,631	211,828	16,162	84,939	82,740	104,711	174,673	184174	194,024
1961	120,225	76,308	66,714	626,968	243,964	211,828	46,392	84,939	82,740	78,959	63,233	160225	170,075
1962	9,206	67,992	196,307	268,941	55,431	211,828	12,241	84,939	82,740	0	5,964	86793	96,643
1963	29,202	35,554	172,744	16,864	144,897	211,828	20,885	84,939	82,740	0	5,954	86793	96,643
1964	24,178	2,818	17,787	13,051	431,593	211,828	13,418	74,976	82,740	156,702	142,112	171187	181,037
1965	87,626	15,509	16,872	61,169	231,794	211,828	48,559	64,061	82,740	20,878	24,575	86793	96,643
1966	79,291	12,635	44,748	64,171	307,657	211,828	24,971	83,781	82,740	1,158	54,085	86793	96,643
1967	393,605	10,719	51,756	373,453	1,678,502	211,828	8,218	55,550	82,740	1,365,538	174,673	1311412	1,321,262
1968	259,911	53,534	16,872	555,831	489,310	211,828	37,872	55,062	82,740	279,154	67,062	318621	328,471
1969	76,660	66,215	104,356	417,832	269,846	211,828	8,494	84,939	82,740	0	136,004	86793	96,643
1970	89,373	56,413	16,872	426,793	310,579	211,828	42,585	71,485	82,740	66,948	57,155	136543	146,393
1971	462,165	59,443	109,726	673,433	2,266,411	211,828	2,094	55,550	82,740	1,959,758	174,673	1882036	1,891,886
1972	65,740	71,179	16,872	643,994	254,041	211,828	33,399	55,062	82,740	58,646	56,775	113548	123,398
1973	333,411	62,971	167,522	676,138	836,351	211,828	-2,156	42,096	82,740	592,601	173,436	598069	607,919
1974	169,235	82,145	59,941	677,964	306,638	211,828	33,494	65,512	82,740	63,718	146,036	127984	137,834
1975	150,332	86,621	64,899	649,358	306,447	211,828	52,387	71,485	82,740	88,213	80,016	156319	166,169
1976	281,523	71,836	127,300	677,964	759,640	211,828	7,859	67,434	82,740	467,658	174,673	524035	533,885
1977	235,577	100,538	130,690	627,100	388,753	211,828	53,169	46,971	82,740	317,270	26,911	346543	356,393
1978	164,323	77,238	104,266	565,869	184,389	211,828	12,888	84,939	82,740	0	5,912	86793	96,643
1979	159,602	74,681	66,649	555,984	250,277	211,828	20,110	84,939	82,740	0	5,961	86793	96,643
1980	174,992	85,184	88,637	519,708	504,073	211,828	31,447	84,939	82,740	170,007	100,450	244900	254,750
1981	307,468	68,106	59,482	674,458	877,447	211,828	22,171	47,314	82,740	552,123	166,319	565276	575,126
1982	60,229	89,532	17,409	620,392	180,736	211,828	54,140	84,939	82,740	0	13,557	86793	96,643
1983	34,523	63,345	182,227	332,355	115,821	211,828	8,879	84,939	82,740	0	5,959	86793	96,643
1984	59,702	42,462	201,867	62,444	102,088	211,828	7,185	84,939	82,740	0	5,963	86793	96,643
1985	159,109	14,216	26,847	169,148	476,023	211,828	24,771	84,939	82,740	16,886	170,410	102497	112,347
1986	153,623	32,038	75,168	183,808	94,116	211,828	28,757	84,939	82,740	0	14,171	86793	96,643
1987	676,877	68,491	85,121	671,111	305,473	211,828	30,156	84,939	82,740	0	77,843	86793	96,643
1988	71,622	90,064	187,743	385,609	52,356	211,828	12,032	84,939	82,740	0	9,143	86793	96,643
1989	58,472	67,083	125,791	198,064	182,899	211,828	15,128	84,939	82,740	0	5,939	86793	96,643

a/ Values in this table cannot be used to construct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows). Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flows)-(Nueces Bay Waste Water Return Flows).

Table 5-38
Summary of Annual Water Balances for Choke Canyon Reservoir, Lake Corpus Christi, Nueces Bay, and the Nueces Estuary
(M&I Demand = 197,000 ac-ft/yr; Nueces Bay Inflows = 97,200 ac-ft/yr; 2040 Sediment Accumulation; With Interim Operation Rules)
Run R6

	Choke Canyon Reservoir				Lake Corpus Christi							Nueces Bay	Nueces Est.
Year	Total Inflow (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	CCR Releases (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflow (ac-ft/yr)	M&I Demand (ac-ft/yr)	Net Lake Evaporation (ac-ft/yr)	LCC Releases (ac-ft/yr)	Nueces Bay Return Flow (ac-ft/yr)	Uncontrolled Spills (ac-ft/yr)	EOM Storage (ac-ft)	Total Inflows (ac-ft/yr)	Total Inflows (ac-ft/yr)
1934	84,136	75,070	34,145	648,462	323,703	197,004	41,006	16,880	69,715	106,373	171,248	184,349	200,744
1935	899,837	18,638	588,743	677,964	1,971,228	204,237	28,143	0	70,668	2,344,319	162,226	2,250,885	2,269,489
1936	282,578	46,320	166,090	677,964	749,398	203,245	24,427	0	70,363	660,825	172,033	693,300	711,775
1937	66,555	84,322	18,019	634,366	128,035	193,687	35,360	8,408	69,727	0	80,631	77,547	92,481
1938	93,147	102,559	25,956	590,231	325,114	197,451	57,286	2,499	70,134	91,043	77,949	157,128	173,300
1939	76,749	83,417	16,872	559,563	269,618	193,687	48,633	8,408	69,727	0	113,709	77,547	92,481
1940	208,894	64,831	20,682	674,207	778,993	197,633	43,175	2,268	70,154	490,948	174,673	528,844	545,075
1941	446,252	33,991	294,837	667,069	984,963	205,629	17,958	0	70,818	1,087,393	142,405	1,082,094	1,101,156
1942	342,179	55,206	205,547	661,656	945,113	198,372	26,589	5,934	70,034	917,014	142,683	928,376	945,050
1943	71,937	87,870	16,872	621,723	161,056	193,687	41,316	8,408	69,727	0	77,200	77,547	92,481
1944	131,110	74,068	17,036	654,530	630,193	195,860	41,675	5,686	69,962	343,590	134,905	394,780	410,428
1945	107,492	90,364	16,872	647,658	447,692	193,687	54,748	2,474	69,727	209,667	138,993	267,018	281,952
1946	323,039	57,600	173,248	666,655	1,010,103	197,975	31,308	0	69,992	932,246	146,439	936,981	953,524
1947	36,172	87,607	16,872	591,220	279,647	193,687	50,815	163	69,727	88,063	104,544	151,777	166,711
1948	42,109	87,017	18,962	518,339	115,220	193,687	24,045	8,408	69,727	0	12,566	77,547	92,481
1949	218,812	58,219	32,102	634,268	757,726	193,687	41,564	0	69,727	418,328	148,837	458,770	473,704
1950	20,675	100,096	16,872	530,849	188,694	193,687	63,812	8,160	69,727	15,884	72,612	92,088	107,022
1951	153,198	82,816	16,872	577,232	338,469	193,687	44,394	5,934	69,727	45,445	136,019	117,510	132,444
1952	32,784	85,336	16,872	500,660	143,335	193,687	44,392	8,408	69,727	0	49,738	77,547	92,481
1953	256,286	77,846	16,872	655,118	468,874	193,687	24,143	5,934	69,727	150,961	158,286	215,640	230,574
1954	34,820	116,301	16,872	549,637	226,784	193,687	64,519	8,408	69,727	40,287	95,041	115,014	129,948
1955	39,869	118,143	28,018	431,509	116,167	193,687	28,840	8,408	69,727	0	8,290	77,547	92,481
1956	53,601	87,266	86,846	274,308	123,426	180,507	12,861	0	64,983	0	25,194	64,983	78,900
1957	423,638	64,292	20,422	604,605	1,248,395	188,726	38,543	0	67,941	898,586	159,996	903,626	918,177
1958	465,123	52,846	238,400	677,964	1,254,231	201,177	25,149	5,934	69,963	1,242,859	174,673	1,231,341	1,249,314
1959	129,998	88,932	34,620	669,784	357,269	195,243	49,386	8,408	69,503	152,839	160,587	219,556	235,394
1960	82,022	58,855	16,872	677,950	415,631	193,687	22,412	8,408	69,727	193,909	174,673	257,883	272,817
1961	120,225	78,308	66,714	626,968	243,964	198,269	53,911	8,160	70,045	105,062	119,701	175,342	191,960
1962	9,206	98,246	58,711	452,991	55,431	193,687	26,784	8,408	69,727	0	5,964	77,547	92,481
1963	29,202	71,190	79,710	297,616	144,897	190,391	25,777	8,408	68,541	0	5,995	76,360	91,039
1964	24,178	42,971	104,069	130,787	431,593	175,546	18,196	0	63,197	202,669	145,216	251,706	265,240
1965	87,626	29,440	16,872	164,973	231,794	175,546	51,727	0	63,197	96,621	69,988	153,054	166,588
1966	79,291	27,667	16,872	192,597	307,657	177,270	27,625	0	63,817	92,879	96,743	150,195	163,863
1967	393,605	36,980	16,872	525,222	1,678,502	178,842	23,323	0	64,383	1,415,279	174,673	1,380,583	1,394,382
1968	259,811	58,903	62,418	637,443	469,310	195,604	41,195	2,474	69,934	373,949	107,468	420,007	435,572
1969	76,660	77,828	16,872	612,275	268,846	193,687	26,944	8,408	69,727	0	165,147	77,547	92,481
1970	89,373	69,638	16,872	608,010	310,579	193,687	48,558	2,474	69,727	153,391	90,802	214,682	229,616
1971	462,165	77,037	221,567	677,964	2,266,411	198,758	9,855	5,934	69,879	2,187,191	174,673	2,109,486	2,126,484
1972	65,740	71,483	17,274	647,649	254,041	195,157	37,124	2,474	69,516	100,596	104,951	165,371	181,158
1973	333,411	64,000	169,368	676,138	836,351	281	5,686	69,922	729,391	173,436	753,543	770,671	
1974	168,235	82,145	59,941	677,964	306,638	199,154	37,796	5,934	70,106	139,351	157,263	205,221	221,310
1975	150,332	86,621	64,899	649,359	306,447	197,197	56,854	2,474	70,169	153,884	111,808	215,675	231,954
1976	281,523	72,024	127,168	677,964	759,640	197,777	13,133	5,934	69,927	603,402	174,673	636,610	653,756
1977	235,577	100,538	130,690	627,100	388,753	199,205	58,096	2,474	70,341	356,329	65,920	408,818	425,121
1978	164,323	84,160	30,065	664,496	164,389	202,800	24,177	8,408	69,727	0	54,102	77,547	92,481
1979	150,602	81,967	81,752	625,841	250,277	193,687	33,332	8,160	69,962	76,827	71,683	149,001	164,649
1980	174,992	99,905	25,582	664,538	504,073	193,687	41,006	5,934	69,727	233,793	126,919	282,674	307,606
1981	307,468	70,525	159,597	674,458	877,447	200,738	22,453	0	70,290	765,491	167,096	782,197	799,650
1982	60,229	89,532	17,409	620,392	180,736	195,604	62,908	2,499	68,934	36,564	81,979	106,263	121,828
1983	34,523	73,290	71,818	476,323	115,821	193,687	15,571	8,408	69,727	0	32,052	77,547	92,481
1984	59,702	78,441	87,694	334,557	102,088	190,188	8,590	5,934	68,468	0	17,322	73,986	88,649
1985	158,106	34,956	15,872	434,710	476,023	193,687	31,656	8,408	69,727	105,279	171,187	175,457	190,391
1986	153,623	57,662	16,872	506,671	94,116	193,687	42,803	8,408	69,727	0	37,277	77,547	92,481
1987	676,877	74,458	307,800	671,111	305,473	198,032	30,809	8,160	70,197	300,198	113,203	356,970	373,333
1988	71,822	99,001	66,805	547,803	52,356	193,687	20,359	8,408	69,727	0	9,910	77,547	92,481
1989	58,472	83,113	38,567	456,878	182,999	193,687	19,751	8,408	69,727	0	10,920	77,547	92,481

a/ Values in this table cannot be used to conduct a system water balance as certain information is missing. As an example, LCC inflows are a function of (CCR Releases)*(Segment Delivery Factor)+(Other Tributary Inflows). Another example is, Nueces Estuary Inflows = (LCC Releases)*(Segment Delivery Factor)+(Intervening Watershed Flows)+(42% of M&I Demand as Total Wastewater Return Flow)-(Nueces Bay Waste Water Return Flows).

Examination of 1990 condition simulations (Runs R1 and R2) shows that with and without the IORs, releases from LCC are relatively close, except during drought periods. The IORs allow for relaxation of B&E releases during droughts, which results in somewhat lower release numbers during normal and wet periods and significantly lower annual releases during drought periods. With the IORs, the lowest release year is 1941 (8,277 ac-ft). The next lowest release is year 1957, with only 11,834 ac-ft released. The 96,129 ac-ft/yr typical release from LCC is measured at the dam site. Thus, accounting for a 7% channel loss between the LCC Dam and the Calallen Dam and adding in the 7,888 ac-ft/yr currently returned to Nueces Bay, the total flows to Nueces Bay are computed as 96,129 X 0.93 + 7,800 (waste water return flow), or 97,200 ac-ft/yr.

Under the 2010 sediment accumulation and M&I demand scenario (Runs R3 and R4), similar conditions develop. The differences between interim rules and other releases appears to be driven by droughts. When interim rule B&E releases are relaxed, releases are decreased much of the time. There are three instances of zero releases and a few very low releases. With the IORs, there are still only thirteen (13) years with less than 97,200 ac-ft to Nueces Bay.

By 2040, maximum utilization of the system firm yield changes the release and spill situations (Runs R5 and R6). With the IORs, there are twelve (12) years of the 56 year period of simulation where there would be no releases to Nueces Bay. With the exception of 1934, all other years have releases less than 8,500 ac-ft/yr. Correspondingly, there are seventeen (17) years where the total inflow to the Nueces Estuary is less than 97,200 ac-ft.

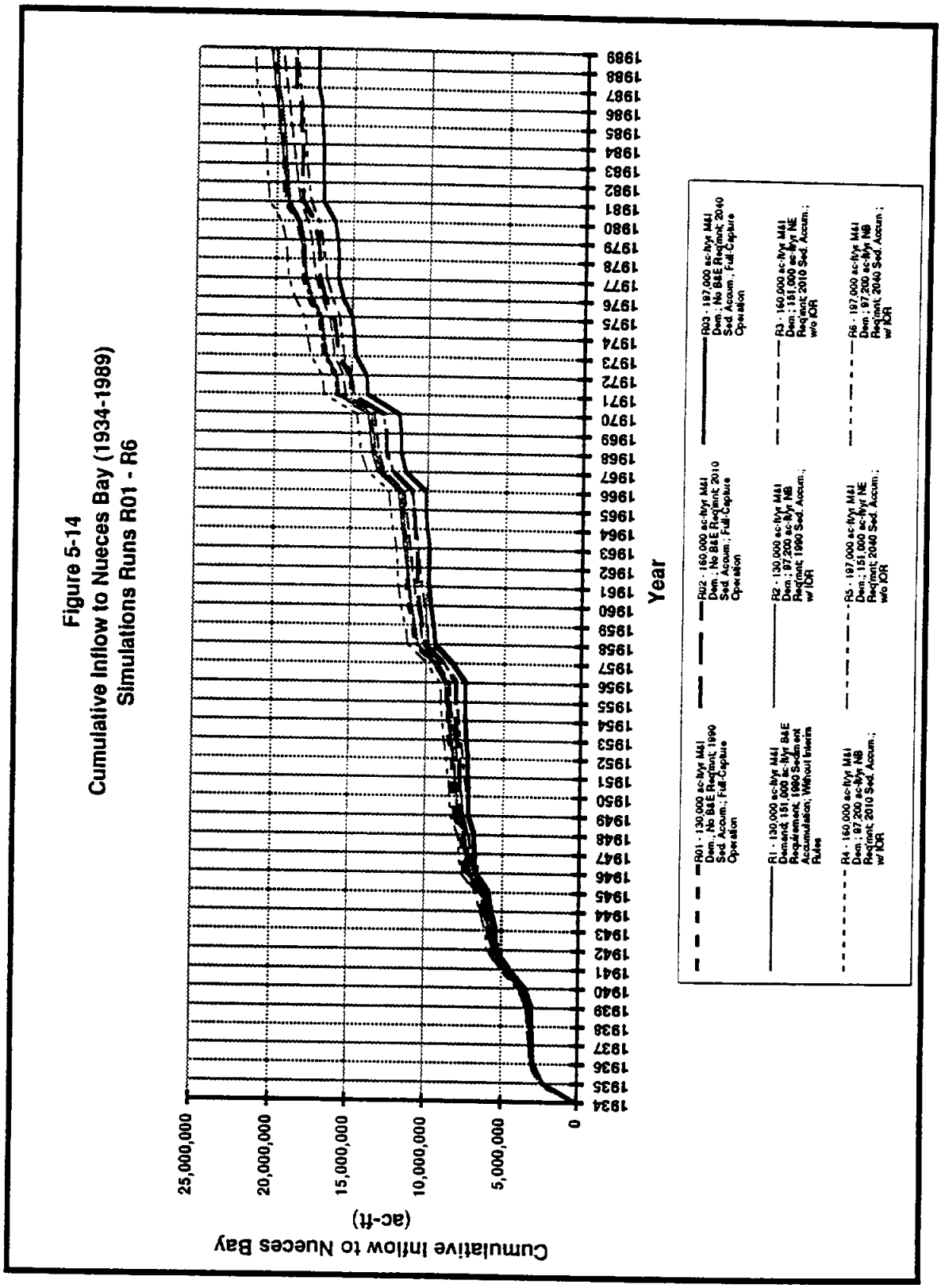
Cumulative total annual inflows to Nueces Bay and the Nueces Estuary with and without the IORs are shown in Figures 5-14 and 5-15. With baseline (full-capture) operation (Runs R01, R02 and R03) only M&I return flows and uncontrolled spills feed freshwater to either the bay or estuary. Imposing Nueces Bay and /or Nueces Estuary inflow requirements results in considerably more water going to the systems.

The influence of the IORs is shown more dramatically in inflows to Nueces Bay. The top three curves represent with IOR conditions (R6, R4 and R2, respectively), while the bottom three curves represent the without IOR conditions (R1, R3 and R5, respectively). Between R6 and R5 there is a spread of nearly 4,000,000 ac-ft of total inflow to the bay during the 56 year simulation record.

Influence of the IORs on flows to the Nueces Estuary are less dramatic. It appears that with or without the IORs, 1934 to 1989 flows to the estuary total about 23,000,000 ac-ft.

5.3 Drought Condition Operation Impact

In order for system managers to evaluate the efficiency of the proposed IORs or other operation scenarios, it is of vital importance to know the amount of time that the LCC/CCR water users will operate under


Cumulative Inflow to Nueces Bay (1934-1989)
Simulations Runs R01 - R6
Figure 5-14
Cumulative Inflow to Nueces Bay
(ac-ft)
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
Year
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
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1962
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1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
R01 - 130,000 ac-ft/yr M&I Dem.; No B&E Reqmnt; 1990 Sed. Accum.; Full-Capture Operation
R02 - 160,000 ac-ft/yr M&I Dem.; No B&E Reqmnt; 2010 Sed. Accum.; Full-Capture Operation
R03 - 187,000 ac-ft/yr M&I Dem.; No B&E Reqmnt; 2040 Sed. Accum.; Full-Capture Operation
R1 - 130,000 ac-ft/yr M&I Demand; 151,000 ac-ft/yr B&E Requirement; 1990 Sediment Accumulation; Without Interim Rules
R2 - 130,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Reqmnt; 1990 Sed. Accum.; w/ IOR
R3 - 160,000 ac-ft/yr M&I Dem.; 151,000 ac-ft/yr NE Reqmnt; 2010 Sed. Accum.; w/o IOR
R4 - 160,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Reqmnt; 2010 Sed. Accum.; w/ IOR
R5 - 187,000 ac-ft/yr M&I Dem.; 151,000 ac-ft/yr NE Reqmnt; 2040 Sed. Accum.; w/o IOR
R6 - 187,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Reqmnt; 2040 Sed. Accum.; w/ IOR

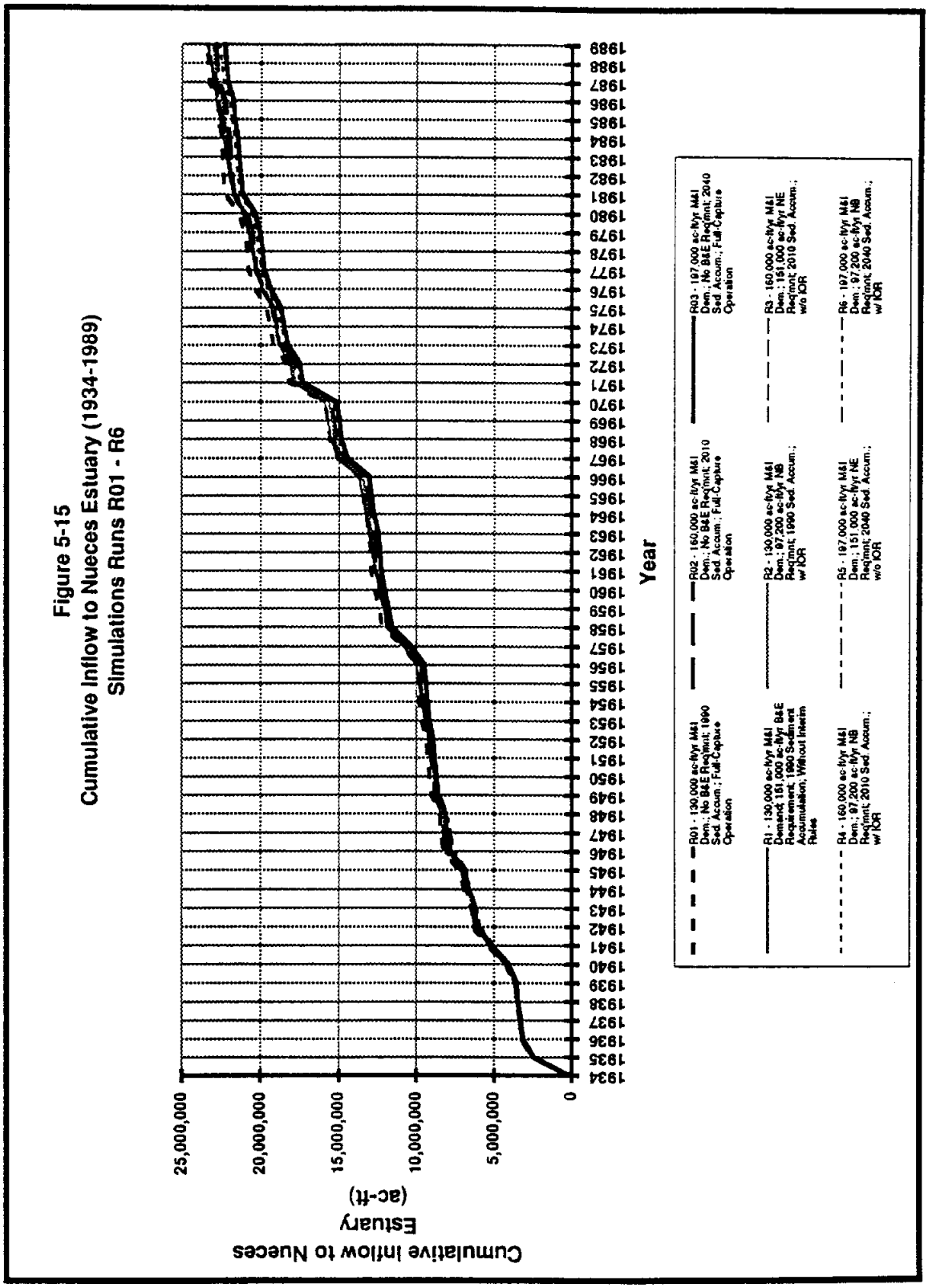


Figure 5-15
Cumulative Inflow to Nueces Estuary (1934-1989)
Simulations Runs R01 - R6
Cumulative Inflow to Nueces Estuary (ac-ft)
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
1934
1935
1936
1937
1938
1939
1940
1941
1942
1943
1944
1945
1946
1947
1948
1949
1950
1951
1952
1953
1954
1955
1956
1957
1958
1959
1960
1961
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971
1972
1973
1974
1975
1976
1977
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988
1989
Year
R01 - 130,000 ac-ft/yr M&I Dem.; No B&E Req'mnt; 1990 Sed. Accum.; Full-Capture Operation
R02 - 160,000 ac-ft/yr M&I Dem.; No B&E Req'mnt; 2010 Sed. Accum.; Full-Capture Operation
R03 - 197,000 ac-ft/yr M&I Dem.; No B&E Req'mnt; 2040 Sed. Accum.; Full-Capture Operation
R1 - 130,000 ac-ft/yr M&I Demand; 151,000 ac-ft/yr B&E Requirement; 1990 Sediment Accumulation; Without Interim Rules
R2 - 130,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Req'mnt; 1990 Sed. Accum.; w/ IOR
R3 - 160,000 ac-ft/yr M&I Dem.; 151,000 ac-ft/yr NE Req'mnt; 2010 Sed. Accum.; w/o IOR
R4 - 160,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Req'mnt; 2010 Sed. Accum.; w/ IOR
R5 - 197,000 ac-ft/yr M&I Dem.; 151,000 ac-ft/yr NE Req'mnt; 2040 Sed. Accum.; w/o IOR
R6 - 197,000 ac-ft/yr M&I Dem.; 97,200 ac-ft/yr NB Req'mnt; 2040 Sed. Accum.; w/ IOR

some level of water conservation. However, a direct comparison between operation with and without the IORs is not possible, because the without IOR system operation is not constrained by either M&I withdrawal reductions or modifications to Nueces Estuary inflow requirements. The most reasonable comparison available is the percent of time that the storage, expressed as a percent of available storage, falls within the conservation trigger limits with and without the proposed IORs.

Figure 5-16 depicts the percent of time that the total LCC/CCR storage is less-than or equal-to a specified percent of total system capacity under 1990 M&I demands and sediment conditions. As specified in Figure 3-2, the 1990 Condition I voluntary conservation trigger level is 50% of total storage, the Condition II mandatory conservation trigger level is 40% of capacity, and the Condition III mandatory conservation trigger level is 30% of total system storage capacity. Condition I water conservation measures would be in effect at least 16% of the time without IORs and 14% of the time with IORs. Condition II water conservation measures would be in effect 11% of the time without IORs and 9% of the time with IORs. Condition III water conservation measures would be in effect 8% of the time without IORs and 4% of the time with the proposed IORs. For 2010 and 2040, Condition I-III trigger levels will increase due to increased M&I demand and sediment reduced storage capacity of the system.

As noted with other parameter comparisons, under 1990 conditions, the IORs do not have a great deal of impact on the operation of the LCC/CCR system. The closeness of the two curves confirms this observation. The demand on the system is still relatively low, as are sediment accumulations. Thus, there is a very low probability of implementation of either voluntary or mandatory water conservation measures.

By 2010 the impacts of the IORs on storage volumes becomes more readily apparent (Figure 5-17). Storage levels would be below the Condition I conservation trigger at least 42% of the time without the IORs and 30% of the time with the IORs. Condition II conservation measures would be in effect at least 38% of the time without the IORs and 24% of the time with the IORs. Condition III conservation would be implemented 23% of the time without IORs but only 12% of the time with IORs. Thus, users of the LCC/CCR system would be under some form of mandatory conservation measures at least 38% of the time without IORs and 24% of the time with the proposed IORs.

By 2040, the users of the LCC/CCR system will operate under at least Condition II conservation measures 100% of the time (Figure 5-18). Without the IORs, storage levels would be at or below the Condition III conservation trigger at least 71% of the time; with the IORs, that percentage is reduced to 50%.

Figure 5-16
Percent of Time Total CCR/LCC Storage Is Less-than or Equal-to
Specified Percent of Total System Capacity for Year 1990 Conditions

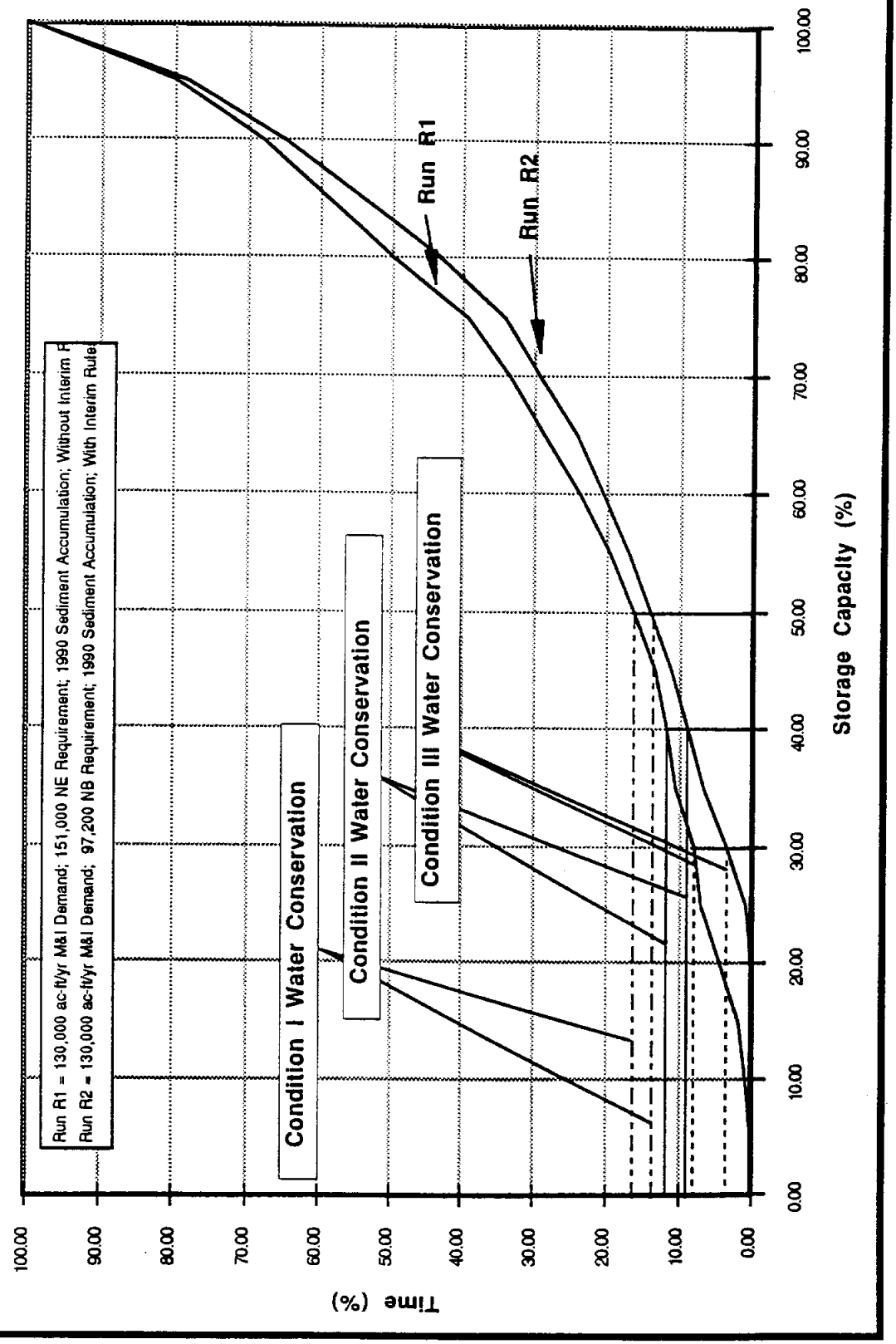
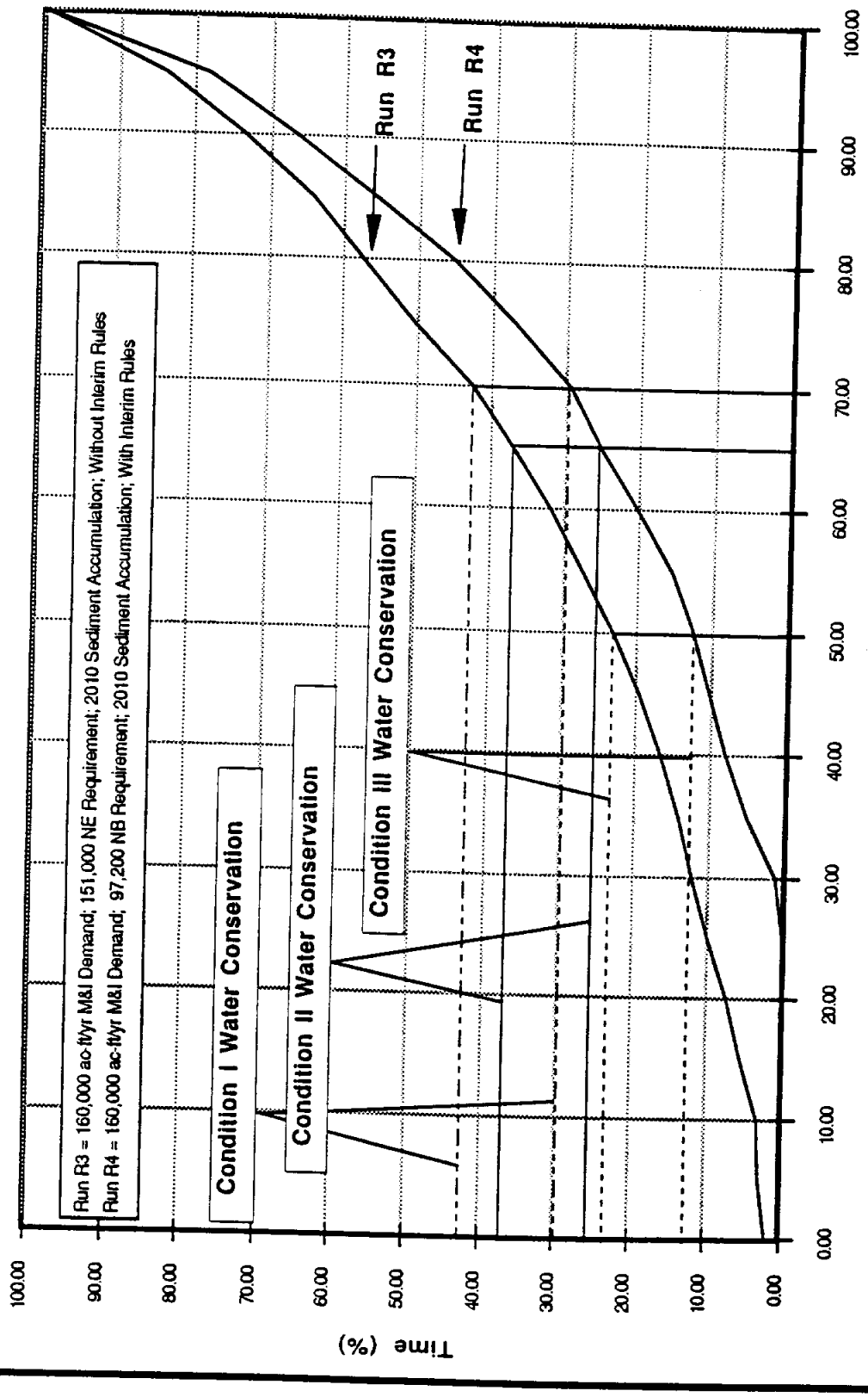


Figure 5-17
Percent of Time Total CCR/LCC Storage is Less-than or Equal-to Specified Percent of Total System Capacity for Year 2010 Conditions



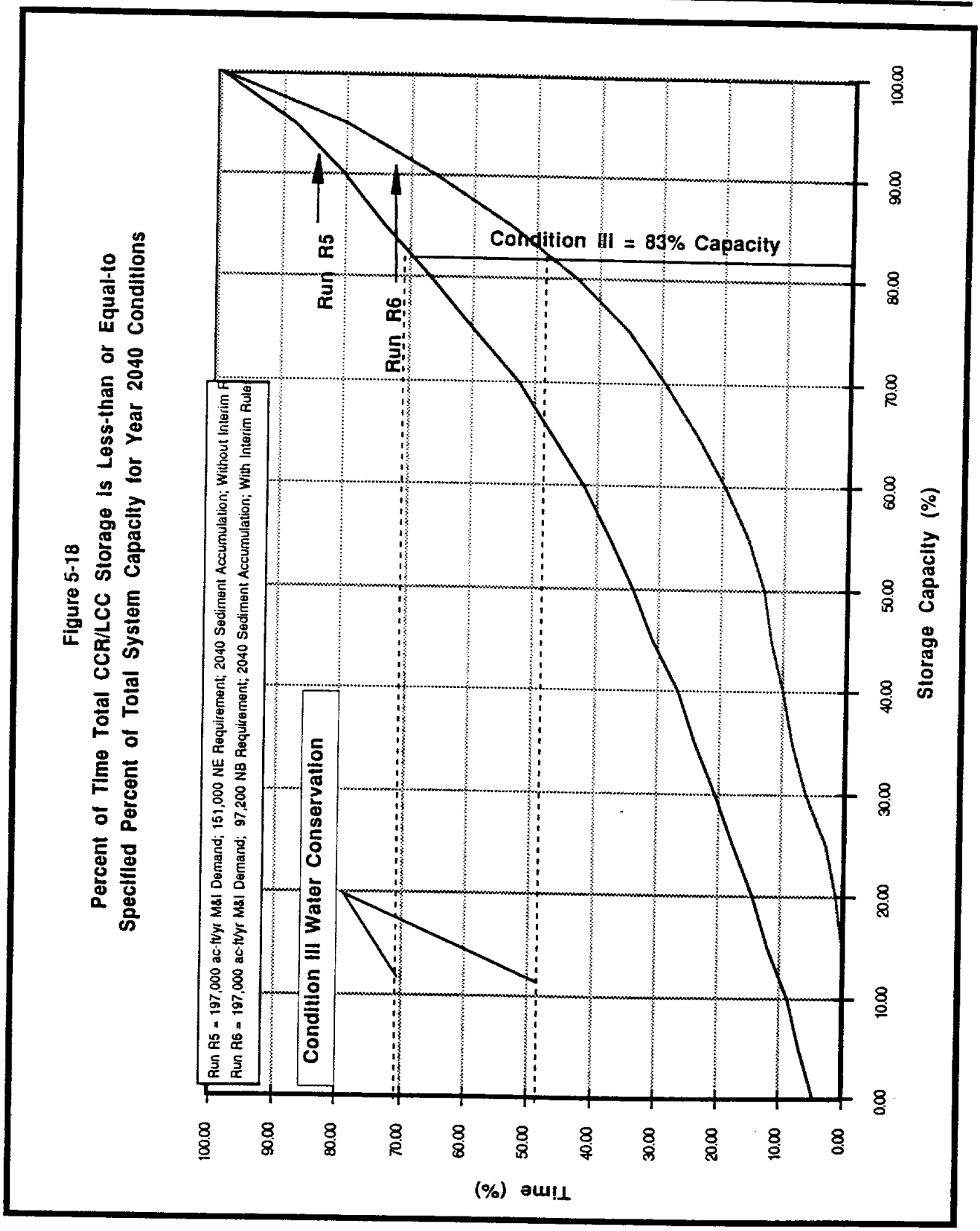


Figure 5-18
Percent of Time Total CCR/LCC Storage is Less-than or Equal-to Specified Percent of Total System Capacity for Year 2040 Conditions

```
C
C**** COMPUTE PROBABILITIES BY ZONE: FAILURE , RELEASE, SPILL ****
C
 2400 WRITE(KOUT,2404)  TITLE1,TITLE2
 2404 FORMAT('1',19X,A80/20X,A80/T10,'START','$', 3('      NUM ','$') ,
     1  3('     PROB ','$') / T10,'ZONE$      FAIL$   RELEASE$'
     2 ,'      SPILL$' ,'     FAIL$   RELEASE$     SPILL$' /
     3  T10,'-----$', 6('   -------$')  )
C
      DO 2420 K=1,NUMZ
      VV=IFAIL(K)
      FPROB=VV/XMTHS
      VV=IIREL(K)
      RPROB=VV/XMTHS
      VV=ISPILL(K)
      SPROB=VV/XMTHS
      WRITE(KOUT,2410)  K, IFAIL(K), IIREL(K), ISPILL(K),
     1  FPROB, RPROB, SPROB
 2410 FORMAT(T12,I2,'$',3(I10,'$') ,3(F10.3,'$')  )
 2420 CONTINUE
C++++++++++++++++++++++++++++++++++++++++++++++++++
C+    BUILD TRANSITION MATRIX & STEADY STATE:    +
C+       COMPUTE PROBABILITY OF FAILURE          +
C++++++++++++++++++++++++++++++++++++++++++++++++++
C
      WRITE(*,2432)
 2432 FORMAT(/' ** BUILDING TRANSITION MATRIX **')
C
      CALL TRANS(NUMZ,DEMAND)
C
C*********************************************************************************
C******************    SIMULATION MODE    ******************
C*********************************************************************************
C
 2450 IF(ISIM .EQ. 0)  GO TO 2680
C
C**** COMPUTE STATISTICS ****
C
      WRITE(*,2492)
 2492 FORMAT(/' **COMPUTE STATISTICS**')
      WRITE(KOUT,2490)  TITLE1, TITLE2, KMON
 2490 FORMAT('1' ,19X,A80/20X,A80 / 20X,'STATISTICS FOR SIMULATION RUN'/
     1  T7,'YEAR      ','$',A3,'$',11('       ',A3,'$') ,
     2  '    ANNUAL' / T7,'----   ------','$',12('   ------','$') )
      WRITE(KOUT,2501)
 2501 FORMAT('    **CCR INFLOW**')
      CALL STAT(FLOWB )
      WRITE(KOUT,2502)
 2502 FORMAT('    **CCR EVAP LOSS**')
      CALL STAT(ELOSSB)
      WRITE(KOUT,2503)
 2503 FORMAT('   **CCR RELEASE-ADJ**')
      CALL STAT(RELB  )
      WRITE(KOUT,2504)
 2504 FORMAT('    **CCR E-O-M**')
      CALL STAT(EOMB  )
      WRITE(KOUT,2505)
 2505 FORMAT('    **SYSTEM RETURN FLOWS**')
      CALL STAT( RETN )
```

```
      WRITE(KOUT,2490)  TITLE1, TITLE2, KMON
      WRITE(KOUT,2506)
 2506 FORMAT('   **SYSTEM DEMM**')
      CALL STAT(ADEMM )
      WRITE(KOUT,2507)
 2507 FORMAT('   **LCC INFLOW**')
      CALL STAT(FLOWA )
      WRITE(KOUT,2508)
 2508 FORMAT('   **LCC EVAP LOSS**')
      CALL STAT(ELOSSA)
      IF(BEDEMM .GT. 0.0)  WRITE(KOUT,2509)
 2509 FORMAT('   **LCC RELEASE**')
      IF(BEDEMM .GT. 1.0)  CALL STAT( RELA )
      WRITE(KOUT,2510)
 2510 FORMAT('   **LCC UNCTRL SPILLS**')
      CALL STAT(SPILLA)
      WRITE(KOUT,2490)  TITLE1, TITLE2, KMON
      WRITE(KOUT,2511)
 2511 FORMAT('   **LCC E-O-M**')
      CALL STAT( EOMA )
      WRITE(KOUT,2512)
 2512 FORMAT('   **TOTAL INFLOW TO THE BAY**')
      CALL STAT(TOTBE )
      WRITE(KOUT,2513)
 2513 FORMAT('   **SUPPLY DELIVERED TO CALALLEN**')
      CALL STAT(SUPPLY)
C
C**** PRINT ANNUAL SUMMARY ****
C
      WRITE(KOUT,2520)  TITLE1, TITLE2
 2520 FORMAT('1',19X,A80 / T20,A80 /T20, 'ANNUAL SUMMARY$ ' /
     1   T8,'*-------CHOKE CANYON RESERVOIR----'
     2  ,'----*  *-----------------------LAKE CORPUS CHRISTI' ,
     3   '-----------------------*--B & E--*' /
     4   '  YEAR$     INFLOW$       EVAP$     CCRREL$        EOM$     ' ,
     5  'INFLOW$       DEMM$       EVAP$     LCCREL$     RETURN$      SPILL$'
     6  '         EOM$   CALALLEN$ '  / T2,'---- ','$',12('   -------',
     7  '$')  )
      JYR=1900 + IBEG - 1
      DO 2540 J=1,NYR
      JYR=JYR + 1
      WRITE(KOUT,2530)    JYR, FLOWB(13,J), ELOSSB(13,J), RELB(13,J),
     1  EOMB(12,J), FLOWA(13,J), ADEMM(13,J), ELOSSA(13,J),
     2  RELA(13,J), RETN(13,J), SPILLA(13,J), EOMA(12,J), TOTBE(13,J)
 2530 FORMAT(T2,I4,'$',TR1,12(F10.0,'$')  )
 2540 CONTINUE
C
C**** PRINT TOTAL INFLOWS TO THE ESTUARY ****
C
      WRITE(KOUT,2570)  TITLE1, TITLE2, KMON
 2570 FORMAT('1',9X,A80/10X,A80/10X,'TOTAL FLOW TO THE BAY '  ,
     1  'IN ACRE-FEET' / 1X,'YEAR',TR5,A3,'$',11(TR6,A3,'$'),
     2  '   ANNUAL' / 4X, 13('  -------','$')  )
      DO 2590 J=1,NYR
      JYR=1899 + IBEG + J
      WRITE(KOUT,2580)  JYR, (TOTBE(I,J),I=1,13)
 2580 FORMAT(1X,I4,'$',13(F9.0,'$')  )
 2590 CONTINUE
```

```
C
C**** PRINT TOTAL SUPPLY ****
C
      WRITE(KOUT,2592)  TITLE1, TITLE2, KMON
 2592 FORMAT('1',T9,A80/T10,A80/T10,'TOTAL SUPPLY DELIVERED TO ',
     1  'CALALLEN' / 1X,'YEAR',TR5,A3,'$', 11(TR6,A3,'$'),
     2  '  ANNUAL' / 4X, 13('  -------','$') )
      DO 2596 J=1,NYR
      JYR=1899 + IBEG + J
      WRITE(KOUT,2594)  JYR, (SUPPLY(I,J),I=1,13)
 2594 FORMAT(1X,I4,'$',13(F9.0,'$')  )
 2596 CONTINUE
C
C**** PRINT SUMMARY : SPILL BANKING ****
C
      IF(IBANK .EQ. 0)  GO TO 2700
      WRITE(KOUT,2610)  TITLE1, TITLE2, KMON
 2610 FORMAT('1',T9,A80/T10,A80/T10,'SUMMARY : SPILL BANKING' /
     1  1X,'YEAR',TR5,A3,'$', 11(TR6,A3,'$'),
     2  '  ANNUAL' / 4X, 13('  -------','$') )
      DO 2616 J=1,NYR
      JYR=1899 + IBEG + J
      SUM=0.0
      DO 2614 I=1,12
 2614 SUM=SUM + SBANK(I,J)
      SBANK(13,J)=SUM
      WRITE(KOUT,2594)  JYR, (SBANK(I,J),I=1,13)
 2616 CONTINUE
C
C**** SIMULATION MODE FINISHED  : WRITE FILES ****
      GO TO 2700
C*********************************************************************
C**** PROBABILITY MODE FINISHED : RETURN FOR SIMULATION MODE ****
C*********************************************************************
 2680 ISIM=1
      GO TO 140
C
C**** WRITE OUTPUT FILES FOR FREQMON ****
C
 2700 CONTINUE
      WRITE(KTAPE1,2720)  TITLE1, TITLE2, IBEG, IEND
 2720 FORMAT(1X,A80/1X,A80/1X,I4'$',I5,'$' )
      WRITE(KTAPE2,2720)  TITLE1, TITLE2, IBEG, IEND
      WRITE(KTAPE3,2720)  TITLE1, TITLE2, IBEG, IEND
      WRITE(KTAPE4,2720)  TITLE1, TITLE2, IBEG, IEND
C
      DO 2800 J=1,NYR
      JYR=1899 + IBEG + J
      WRITE(KTAPE1,2750)  JYR, (EOMA(I,J),I=1,12)
 2750 FORMAT('EOMLCC',TR1,I4,'$',TR1,12(F9.0,'$') )
C
      WRITE(KTAPE2,2760)  JYR, (EOMB(I,J),I=1,12)
 2760 FORMAT('EOMCCR',TR1,I4,'$',TR1,12(F9.0,'$') )
C
      WRITE(KTAPE3,2770)  JYR, (SUPPLY(I,J),I=1,12)
 2770 FORMAT('SUPPLY',TR1,I4,'$',TR1,12(F9.0,'$') )
C
      WRITE(KTAPE4,2780)  JYR, (TOTBE(I,J),I=1,12)
 2780 FORMAT('TOTBE ',TR1,I4,'$',TR1,12(F9.0,'$') )
 2800 CONTINUE
```

```
C
 9999 CONTINUE
      WRITE(KOUT,10001)
10001 FORMAT('1','    ')
      ENDFILE KTAPE1
      ENDFILE KTAPE2
      ENDFILE KTAPE3
      ENDFILE KTAPE4
      STOP
      END
```

```
      SUBROUTINE AEVAP(EOM1, EOMP, XMAX, NCAP, TCAP, TAREA, EVAPXX,      AEVAP
     1                 AREAEM, EVPQ)                                     AEVAP
      DIMENSION TCAP(30), TAREA(30)                                      AEVAP
C**** COMPUTE AVERAGE AREA ****                                          AEVAP
C                                                                        AEVAP
   10 AVG=(EOM1+EOMP)/2.0                                                AEVAP
      IF (AVG .GT. XMAX)   AVG=XMAX                                      AEVAP
      IF (AVG .GT. 0.5)    GO TO 20                                      AEVAP
      AR1=0.0                                                            AEVAP
      GO TO 70                                                           AEVAP
   20 DO 30 N=2,NCAP                                                     AEVAP
      IF(AVG - TCAP(N))    50,40,30                                      AEVAP
   30 CONTINUE                                                           AEVAP
      AR1=TAREA(NCAP)                                                    AEVAP
      GO TO 60                                                           AEVAP
   40 AR1=TAREA(N)                                                       AEVAP
      GO TO 60                                                           AEVAP
   50 AR1=TAREA(N-1) + ((AVG-TCAP(N-1))/(TCAP(N)-TCAP(N-1))) *           AEVAP
     1  (TAREA(N)-TAREA(N-1))                                           AEVAP
   60 CONTINUE                                                           AEVAP
      IF (EVAPXX)      80,70,80                                          AEVAP
   70 E2=0.0                                                             AEVAP
      E1=0.0                                                             AEVAP
      AR2=AR1                                                            AEVAP
      GO TO 150                                                          AEVAP
   80 E1=AR1*EVAPXX                                                      AEVAP
      ITER=0                                                             AEVAP
C                                                                        AEVAP
C**** ITERATE TO FIND AVERAGE EVAPORATION ****                           AEVAP
C****          ABS(E1-E2) LT 1.0           ****                        AEVAP
   90 EOM2=EOM1-E1                                                       AEVAP
      IF(EOM2 .LT. 0.)     EOM2=0.                                       AEVAP
      AVG=(EOM2+EOMP)/2.0                                                AEVAP
      IF(AVG .GT. XMAX)    AVG=XMAX                                      AEVAP
      IF(AVG .GT. 0.5)     GO TO 100                                     AEVAP
      AR2=0.0                                                            AEVAP
      GO TO 140                                                          AEVAP
  100 DO 110 N=2,NCAP                                                    AEVAP
      IF(AVG - TCAP(N))    130,120,110                                   AEVAP
  110 CONTINUE                                                           AEVAP
      AR2=TAREA(NCAP)                                                    AEVAP
      GO TO 140                                                          AEVAP
  120 AR2=TAREA(N)                                                       AEVAP
      GO TO 140                                                          AEVAP
  130 AR2=TAREA(N-1) + ((AVG-TCAP(N-1))/(TCAP(N)-TCAP(N-1))) *           AEVAP
     1  (TAREA(N)-TAREA(N-1))                                           AEVAP
  140 CONTINUE                                                           AEVAP
      ITER=ITER+1                                                        AEVAP
      E2=AR2*EVAPXX                                                      AEVAP
      E2=E2+1.0E-8                                                       AEVAP
      DELET=ABS((E2-E1))                                                 AEVAP
      IF (DELET .LT. 1.0) GO TO 150                                      AEVAP
      E1=E2                                                              AEVAP
      IF (ITER .LT. 20)   GO TO 90                                       AEVAP
C                                                                        AEVAP
  150 AREAEM=AR2                                                         AEVAP
      EVPQ=E2                                                            AEVAP
C                                                                        AEVAP
      RETURN                                                             AEVAP
      END                                                                AEVAP
                                                                         AEVAP
```

```
$DEBUG
      SUBROUTINE SUBIN(NFLWSX, NUMZX, ELEVX,
     1           AREAX, CAPX, ZCAPX, FACX,  FLOWX,  EVAPX, NPTSX )
      COMMON /IO/ KIN,KOUT,KTAPE,JTAPE,NYR
      DIMENSION ELEVX(30), AREAX(30), CAPX(30), ZCAPX(65), FACX(5)
      DIMENSION FLOWX(13,60), EVAPX(12,60), X(12), EEVAP(12)
      CHARACTER NAME*75
C
C**** READ A/C DATA ****
C
      READ(KIN,70)   NPTSX
      DO 60 I=1,NPTSX
      READ(KIN,50)  ELEVX(I), AREAX(I), CAPX(I)
   50 FORMAT(3F10.0)
   60 CONTINUE
C
C**** READ ZONE CAPACITIES ****
C
      READ(KIN,70)   NUMZX
   70 FORMAT(I5)
      DO 74 I=1,NUMZX
      READ(KIN,72)  ZCAPX(I)
   72 FORMAT(F10.0)
   74 CONTINUE
C
C**** READ INFLOW SETS ****
C
C**** INITIALIZE ****
      DO 80 J=1,NYR
      DO 80 I=1,12
      FLOWX(I,J)=0.0
   80 CONTINUE
C
      READ(KIN,70)   NFLWSX
      DO 120 K=1,NFLWSX
      READ(KIN,90)  FACX(K), NAME
   90 FORMAT(F5.0,A75)
      DO 120 J=1,NYR
      READ(KIN,100)  (X(I),I=1,12)
  100 FORMAT(8X,12F7.0)
      DO 120 I=1,12
      FLOWX(I,J)=FLOWX(I,J) + X(I)*FACX(K)
  120 CONTINUE
C
C**** READ NET RESERVOIR EVAPORATION ****
C
      DO 140 J=1,NYR
      READ(KIN,130)  (EVAPX(I,J),I=1,12)
  130 FORMAT(8X,12F7.2)
  140 CONTINUE
C
C
      RETURN
      END
C
```

```
      SUBROUTINE TRANS(IZ,DEMAND)                                       TRANS
C                                                                       TRANS
      COMMON /PM/ IZT(65,65), ZT(65,65), SZT(65,65),                    TRANS
     1            IFAIL(65) , FAIL(65) ,  PROB(65)                     TRANS
      COMMON /IO/ KIN, KOUT, KTAPE, JTAPE, NYR                          TRANS
C                                                                       TRANS
C     THIS SUBROUTINE :                                                 TRANS
C     BUILDS THE TRANSITION MATRIX                                      TRANS
C     POWERS UP THE T.M. TO STEADY STATE                                TRANS
C     COMPUTES PROBABILITY OF FAILURE                                   TRANS
C                                                                       TRANS
      FNYR=NYR                                                          TRANS
      XMTHS=NYR*12                                                      TRANS
C                                                                       TRANS
C**** PRINT THE FAILURE MATRIX ****                                     TRANS
C                                                                       TRANS
      WRITE(6,60)  (I,I=1,IZ)
   60 FORMAT('1', T15,'***ENDING ZONE***' /
     1  1X,'START'/ 1X,' ZONE ','$',40(I4,'$')  )
      DO 100 N=1,IZ                                                     TRANS
      WRITE(6,80)  N, (IZT(N,NN),NN=1,IZ)                               TRANS
   80 FORMAT(T2,I2,'$',TR3,40(I4,'$')  )                                TRANS
  100 CONTINUE                                                          TRANS
C**** INITIALIZE FAILURE ARRAYS ****                                    TRANS
      DO 120 I=1,IZ                                                     TRANS
      FAIL(I)=IFAIL(I)                                                  TRANS
      IFAIL(I)=0                                                        TRANS
      DO 120 N=1,IZ                                                     TRANS
      ZT(I,N)=IZT(I,N)                                                  TRANS
      IZT(I,N)=0                                                        TRANS
  120 CONTINUE                                                          TRANS
C
      IF(IFLAG .EQ. 1)  GO TO 500
C
C+++++++++++++++++++++++++++++++                                        TRANS
C**** BUILD TRANSITION MATRIX  *                                        TRANS
C+++++++++++++++++++++++++++++++                                        TRANS
      DO 140 N=1,IZ                                                     TRANS
      FAIL(N)=FAIL(N) / XMTHS                                           TRANS
      DO 140 NN=1,IZ                                                    TRANS
      ZT(N,NN)=ZT(N,NN) / FNYR                                          TRANS
  140 CONTINUE                                                          TRANS
      ICZ=IZ                                                            TRANS
      IF (IZ .GT. 20) ICZ=20                                            TRANS
      WRITE(6,160)  (I,I=1,ICZ)                                         TRANS
  160 FORMAT('1',T20, 'TRANSITION MATRIX ' //                           TRANS
     1 1X,'S/E ZONE ','$',20(I6,'$')  )                                 TRANS
      DO 200 I=1,IZ                                                     TRANS
      WRITE(6,180) I, (ZT(I,N),N=1,ICZ)                                 TRANS
  180 FORMAT(T6,I2,'$',TR3,20(F6.4,'$')  )                              TRANS
  200 CONTINUE                                                          TRANS
      IF (IZ .LT. 21)  GO TO 240                                        TRANS
      WRITE(6,160)   (I,I=21,IZ)                                        TRANS
      DO 220 I=1,IZ                                                     TRANS
      WRITE(6,180) I, (ZT(I,N),N=21,IZ)                                 TRANS
  220 CONTINUE                                                          TRANS
C+++++++++++++++++++++++++++++++++++++++++++++++++++                     TRANS
C**** POWER UP TRANSITION MATRIX TO STEADY STATE *                      TRANS
C+++++++++++++++++++++++++++++++++++++++++++++++++++                     TRANS
```

```
  240 DO 300 KK=1,6                                                    TRANS
      DO 280 I=1,IZ                                                    TRANS
      DO 280 J=1,IZ                                                    TRANS
      SUMZ=0.0                                                         TRANS
      DO 260 K=1,IZ                                                    TRANS
  260 SUMZ=SUMZ + ZT(I,K) * ZT(K,J)                                    TRANS
      SZT(I,J)=SUMZ                                                    TRANS
  280 CONTINUE                                                         TRANS
      DO 300 I=1,IZ                                                    TRANS
      DO 300 J=1,IZ                                                    TRANS
      ZT(I,J)=SZT(I,J)                                                 TRANS
  300 CONTINUE                                                         TRANS
C**** PRINT THE STEADY STATE TABLE ****                                TRANS
      WRITE(6,320)  (I,I=1,ICZ)                                        TRANS
  320 FORMAT('1',T20,'STEADY STATE TABLE' // 1X,'S/E ZONE  ',
     1  '$', 20(I6,'$')  )
      DO 340 I=1,IZ                                                    TRANS
      WRITE(6,180) I, (ZT(I,N),N=1,ICZ)                                TRANS
  340 CONTINUE                                                         TRANS
      IF(IZ .LT. 21)  GO TO 380                                        TRANS
      WRITE(6,320)  (I,I=21,IZ)                                        TRANS
      DO 360 I=1,IZ                                                    TRANS
      WRITE(6,180) I, (ZT(I,N),N=21,IZ)                                TRANS
  360 CONTINUE                                                         TRANS
C++++++++++++++++++++++++++++++++++++++++++++++++                       TRANS
C**** COMPUTE PROBABILITY OF FAILURE PER ZONE *                        TRANS
C++++++++++++++++++++++++++++++++++++++++++++++++                       TRANS
  380 WRITE(6,400)                                                     TRANS
  400 FORMAT('1',T20,'**** PROBABILITIES ****' / T5,'ZONE ','$',
     1  TR8,'STEADY STATE','$',TR5, 'FAILURE ','$',TR5,' PRODUCT '  )
      SUM=0.0                                                          TRANS
      DO 440 N=1,IZ                                                    TRANS
      PROB(N)=ZT(N,1) * FAIL(N)                                        TRANS
      WRITE(6,420)  N, ZT(N,1), FAIL(N), PROB(N)
  420 FORMAT(6X,I2,'$',TR8,F8.6,'$',TR8,F8.6,'$',TR6,F8.6,'$')
C**** SUM PROBABILITIES OF EACH ZONE ****                              TRANS
      SUM=SUM + PROB(N)                                                TRANS
  440 CONTINUE                                                         TRANS
      PFAIL=SUM*100.                                                   TRANS
C
      WRITE(6,460)  PFAIL                                              TRANS
  460 FORMAT(T11,'$','PROBABILITY OF FAILURE=','$',F5.2,
     1 '$', ' PER CENT')
      WRITE(6,480)  DEMAND                                             TRANS
  480 FORMAT(T11,'$','AT ANNUAL DEMAND=','$',F10.0,'$')
C                                                                      TRANS
C                                                                      TRANS
  500 CONTINUE                                                         TRANS
      RETURN                                                           TRANS
      END                                                              TRANS
```

```
      SUBROUTINE STAT(X)
      COMMON /IO/ KIN, KOUT, KTAPE, JTAPE, NYR
      DIMENSION AN(60), X(13,60) ,AMAX(13), AMIN(13), AMED(13)
      DIMENSION AMEAN(13), AGMEAN(13), PER(12), SUMXVR(13)
      DIMENSION SUMX(13), SMLOGX(13), SDX(13), SKEWX(13)
C
      XYEAR=NYR
C
C**** SUM ANNUALS ****
C
      DO 20 J=1,NYR
      X(13,J)=0.0
      DO 20 I=1,12
      X(13,J)=X(13,J) + X(I,J)
   20 CONTINUE
C
C**** COMPUTE SUMS, MAX, MIN ****
C
      DO 40 I=1,13
      AMAX(I)=0.0
      AMIN(I)=99999999.
      SUMX(I)=0.0
      SMLOGX(I)=0.0
      DO 40 J=1,NYR
      XX=X(I,J)
      IF(XX .GT. AMAX(I))  AMAX(I)=XX
      IF(XX .LT. AMIN(I))  AMIN(I)=XX
      SUMX(I)=SUMX(I) + XX
      IF(XX .GT. 0.0)  SMLOGX(I)=SMLOGX(I) + ALOG10(XX)
   40 CONTINUE
C
C**** COMPUTE MEAN AND GEOMETRIC MEAN ****
C
      XFAC=1.0 / XYEAR
      DO 44 I=1,13
      AMEAN(I)=SUMX(I) / XYEAR
      XSUM=SMLOGX(I) * XFAC
      AGMEAN(I)=10.0**XSUM
   44 CONTINUE
C
C**** COMPUTE THE MEDIAN ****
C
      NUM2=NYR / 2
      DO 90 JMON=1,13
      DO 54 M=1,NYR
   54 AN(M)=X(JMON,M)
      DO 80 L=1,NYR
      TEMP=AN(L)
      K=L
      DO 70 J=L,NYR
      IF(AN(J)-TEMP)  60,70,70
   60 TEMP=AN(J)
      K=J
   70 CONTINUE
      AN(K)=AN(L)
      AN(L)=TEMP
   80 CONTINUE
      AMED(JMON)=AN(NUM2)
      IF((NYR/2*2) .EQ. NYR)  AMED(JMON)=(AN(NUM2)+AN(NUM2+1)) / 2.0
   90 CONTINUE
```

```
C
C**** COMPUTE MONTHLY PERCENTAGES OF THE ANNUAL VALUE ****
C
      DO 100 I=1,12
      PER(I)=AMEAN(I) / AMEAN(13)
  100 CONTINUE
C
C**** COMPUTE SUMS FOR STD DEV AND SKEWNESS ****
C
      DO 102 I=1,13
      SUMXVR(I)=0.0
      DO 102 J=1,NYR
      XVR=X(I,J) - AMEAN(I)
      SUMXVR(I)=SUMXVR(I) + XVR*XVR
  102 CONTINUE
      DO 104 I=1,13
      SDX(I)=SQRT(SUMXVR(I)/XYEAR)
      SSS=SDX(I)
      IF(ABS(SSS) .GT. (.01*AMEAN(I)) )  GO TO 103
      SDX(I)  = 0.0
      SKEWX(I)= 0.1
      GO TO 104
  103 SKEWX(I)=(3.0*(AMEAN(I)-AMED(I))) / SDX(I)
  104 CONTINUE
C
C**** PRINT STATISTICS ****
C
      WRITE(KOUT,110)  PER, AMAX, AMIN, AMEAN, AGMEAN, AMED, SDX, SKEWX
  110 FORMAT(T5,'PER % ','$',12(F9.3,'$')  /
     2       T5,'MAX   ','$',13(F9.0,'$')  /
     3       T5,'MIN   ','$',13(F9.0,'$')  /
     4       T5,'MEAN  ','$',13(F9.0,'$')  /
     5       T5,'GMEAN ','$',13(F9.0,'$')  /
     6       T5,'MEDIAN','$',13(F9.0,'$')  /
     7       T5,'STDDEV','$',13(F9.1,'$')  /
     8       T5,'SKEW  ','$',13(F9.2,'$')  )
C
      RETURN
      END
```

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK	0
IBEG	1934
IEND	1989
ISKIP	0
LONGPR	1
MODE	0
KSIM	33
KZONE	0
FLIMIT	.05
RTNFLW	.06
ALOSS	.93
DEMAND	130000.
REQREL	2000.
BEDEMM	0.
TOTCAP	926787.
TOT5	463394.
TOT4	370715.
TOT3	278036.
TOT2	185357.
LCCMAX	237473.
LCC76	23463.
LCCMIN	53.
CCRMAX	689314.
CCR155	3415.
CCRMIN	3415.

DEMDIS		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TRIGGERS		.50	.40	.30	.20								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1$	.08$	.06$	.06$	.11$	.69$
2$	.08$	.06$	.08$	.11$	.67$
3$	.08$	.06$	.08$	.13$	.65$
4$	.08$	.07$	.10$	.14$	.62$
5$	.08$	.07$	.12$	.15$	.58$
6$	.08$	.07$	.12$	.18$	.55$
7$	.08$	.07$	.13$	.23$	.49$
8$	.08$	.07$	.14$	.51$	.20$
9$	.08$	.07$	.14$	.61$	.10$
10$	.10$	.08$	.22$	.56$	.04$
11$	.12$	.11$	.48$	.28$	.01$
12$	.14$	.12$	.58$	.15$	.01$
13$	.16$	.19$	.58$	.07$	.00$
14$	.21$	.46$	.31$	.03$	.00$
15$	.25$	.56$	.18$	.01$	.00$
16$	.33$	.57$	.09$	.01$	.00$
17$	.62$	.33$	.05$	.00$	.00$
18$	.78$	.20$	.02$	.00$	.00$
19$	.88$	.11$	.01$	.00$	.00$
20$	.94$	.06$	.00$	.00$	.00$
21$	.97$	.03$	.00$	.00$	.00$
22$	.99$	.01$	.00$	.00$	.00$
23$	.99$	.01$	.00$	.00$	.00$
24$	1.00$	.00$	.00$	.00$	.00$
25$	1.00$	.00$	.00$	.00$	.00$
26$	1.00$	.00$	.00$	.00$	.00$
27$	1.00$	.00$	.00$	.00$	.00$
28$	1.00$	.00$	.00$	.00$	.00$
29$	1.00$	.00$	.00$	.00$	.00$
30$	1.00$	.00$	.00$	.00$	.00$
31$	1.00$	.00$	.00$	.00$	.00$
32$	1.00$	.00$	.00$	.00$	.00$
33$	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	179$	0$	93$	.266$	.000$	.138$
2$	69$	0$	94$	.103$	.000$	.140$
3$	18$	0$	103$	.027$	.000$	.153$
4$	3$	0$	113$	.004$	.000$	.168$
5$	0$	0$	127$	.000$	.000$	.189$
6$	0$	0$	143$	.000$	.000$	.213$
7$	0$	0$	159$	.000$	.000$	.237$
8$	0$	0$	168$	.000$	.000$	.250$
9$	0$	0$	193$	.000$	.000$	.287$
10$	0$	0$	194$	.000$	.000$	.289$
11$	0$	0$	194$	.000$	.000$	.289$
12$	0$	0$	194$	.000$	.000$	.289$
13$	0$	0$	194$	.000$	.000$	.289$
14$	0$	0$	194$	.000$	.000$	.289$
15$	0$	0$	194$	.000$	.000$	.289$
16$	0$	0$	194$	.000$	.000$	.289$
17$	0$	0$	194$	.000$	.000$	.289$
18$	0$	0$	194$	.000$	.000$	.289$
19$	0$	0$	194$	.000$	.000$	.289$
20$	0$	0$	194$	.000$	.000$	.289$
21$	0$	0$	194$	.000$	.000$	.289$
22$	0$	0$	195$	.000$	.000$	.290$
23$	0$	0$	195$	.000$	.000$	.290$
24$	0$	0$	196$	.000$	.000$	.292$
25$	0$	0$	196$	.000$	.000$	.292$
26$	0$	0$	196$	.000$	.000$	.292$
27$	0$	0$	196$	.000$	.000$	.292$
28$	0$	0$	197$	.000$	.000$	.293$
29$	0$	0$	198$	.000$	.000$	.295$
30$	0$	0$	199$	.000$	.000$	.296$
31$	0$	0$	201$	.000$	.000$	.299$
32$	0$	0$	206$	.000$	.000$	.307$
33$	0$	0$	206$	.000$	.000$	.307$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	3$	2$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	4$	3$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	4$	6$	4$	6$	2$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	2$	2$	3$	3$	6$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	5$	3$	3$	3$	3$	5$	6$	1$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	1$	2$	2$	1$	2$	2$	3$	8$	5$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	4$	3$	2$	2$	3$	5$	5$	5$	8$	7$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	5$	6$	6$	6$	5$	5$	6$	6$	6$	3$	8$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	1$	1$	2$	3$	3$	1$	1$	2$	2$	6$	4$	8$	3$	3$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	1$	2$	2$	3$	4$	6$	5$	5$	6$	3$	5$	4$	8$	5$	4$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	6$	5$	5$	5$	5$	5$	6$	5$	5$	8$	4$	6$	5$	5$	6$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	2$	2$	3$	2$	2$	2$	2$	3$	3$	5$	6$	5$	4$	5$	5$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	0$	1$	1$	2$	2$	2$	2$	2$	2$	1$	5$	4$	5$	4$	3$	4$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
15$	3$	3$	3$	3$	3$	3$	3$	3$	3$	1$	2$	5$	4$	5$	4$	5$	4$	7$	5$	3$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
16$	0$	0$	0$	0$	0$	0$	0$	0$	0$	3$	0$	2$	5$	5$	5$	2$	6$	4$	7$	3$	3$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
17$	3$	3$	2$	2$	2$	2$	2$	2$	2$	1$	3$	0$	2$	4$	6$	5$	1$	5$	3$	7$	4$	4$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
18$	1$	1$	2$	2$	2$	2$	2$	2$	2$	1$	3$	0$	2$	3$	8$	6$	2$	5$	3$	6$	4$	4$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$
19$	3$	3$	3$	3$	3$	3$	3$	3$	3$	2$	2$	1$	3$	2$	2$	1$	8$	6$	3$	6$	4$	6$	5$	3$	1$	0$	1$	0$	0$	0$	0$	0$	0$
20$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	1$	2$	2$	2$	0$	7$	6$	4$	5$	3$	5$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	2$	3$	3$	0$	2$	3$	2$	1$	6$	5$	4$	5$	3$	4$	5$	4$	1$	0$	1$	0$	0$	0$	0$

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0536$	.0357$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0714$	.0536$	.0714$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0714$	.1071$	.0714$	.1071$	.0357$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0357$	.0357$	.0536$	.0536$	.1071$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0893$	.0536$	.0536$	.0536$	.0536$	.0893$	.1071$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0179$	.0357$	.0357$	.0179$	.0357$	.0357$	.0536$	.1429$	.0893$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0714$	.0536$	.0357$	.0357$	.0536$	.0893$	.0893$	.0893$	.1429$	.1250$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0893$	.1071$	.1071$	.1071$	.0893$	.0893$	.1071$	.1071$	.1071$	.0536$	.1429$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0179$	.0179$	.0357$	.0536$	.0536$	.0179$	.0179$	.0357$	.0357$	.1071$	.0714$	.1429$	.0536$	.0536$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
11$	.0179$	.0357$	.0357$	.0536$	.0714$	.1071$	.0893$	.0893$	.1071$	.0536$	.0893$	.0714$	.1429$	.0893$	.0714$	.0000$	.0179$	.0000$	.0000$	.0000$
12$	.1071$	.0893$	.0893$	.0893$	.0893$	.0893$	.1071$	.0893$	.0893$	.1429$	.0714$	.1071$	.0893$	.0893$	.1071$	.0714$	.0000$	.0179$	.0179$	.0000$
13$	.0357$	.0357$	.0536$	.0357$	.0357$	.0357$	.0357$	.0536$	.0536$	.0893$	.1071$	.0893$	.0714$	.0893$	.0893$	.1071$	.0714$	.0000$	.0000$	.0179$
14$	.0000$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0893$	.0714$	.0893$	.0893$	.0893$	.1250$	.0714$	.0179$	.0000$	.0179$
15$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0179$	.0357$	.0893$	.0714$	.0714$	.0536$	.0714$	.1250$	.0714$	.0179$	.0000$
16$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0536$	.0000$	.0357$	.0893$	.0714$	.0893$	.0714$	.1250$	.0893$	.0536$	.0536$
17$	.0536$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0536$	.0000$	.0357$	.0714$	.1071$	.0893$	.0179$	.0893$	.0536$	.1250$
18$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0536$	.0000$	.0357$	.0536$	.1429$	.1071$	.0357$	.0893$	.0536$
19$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0357$	.0179$	.0536$	.0357$	.0357$	.0179$	.1429$	.1071$	.0536$	.1071$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0179$	.0357$	.0357$	.0357$	.0000$	.1250$	.1071$	.0714$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0536$	.0000$	.0357$	.0536$	.0357$	.0179$	.1071$	.0893$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.1071$	.0893$	.0893$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0893$
24$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$
25$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$
26$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0536$	.0179$	.0179$
27$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0000$	.0000$	.0536$	.0357$	.0179$	.0179$
28$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0536$	.0357$	.0179$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0357$	.0000$	.0536$	.0536$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0000$	.0357$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0000$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0536$	.0536$	.0357$	.0714$	.0000$
33$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$

22$		2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	3$	1$	1$	5$	5$	4$	5$	3$	4$	6$	5$	1$
0$	1$	0$	0$	0$																										
23$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	3$	1$	1$	5$	5$	5$	5$	3$	3$	6$	5$
1$	0$	1$	0$	0$																										
24$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	3$	1$	1$	5$	5$	5$	5$	3$	2$	7$
5$	3$	0$	1$	1$																										
25$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	0$	1$	3$	3$	1$	1$	3$	1$	1$	4$	6$	5$	5$	3$	2$
7$	4$	3$	1$	1$																										
26$		1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	2$	0$	0$	3$	2$	1$	1$	3$	1$	1$	3$	7$	5$	5$	5$
3$	6$	4$	4$	4$																										
27$		0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	2$	1$	0$	3$	2$	1$	1$	3$	1$	1$	2$	7$	5$	2$
5$	3$	8$	5$	5$																										
28$		0$	0$	1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	0$	2$	1$	1$	2$	0$	3$	3$	1$	1$	4$	1$	1$	2$	8$	6$
3$	7$	3$	8$	8$																										
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	0$	2$	1$	0$	2$	0$	2$	3$	1$	0$	4$	1$	1$	1$	7$
5$	3$	7$	4$	4$																										
30$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	0$	2$	1$	0$	2$	0$	2$	3$	1$	0$	4$	2$	2$	2$
8$	5$	4$	5$	5$																										
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	1$	1$	3$	3$	2$	4$	2$	4$	6$	5$	4$	7$	6$	7$
5$	11$	11$	13$	13$																										
32$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	1$	3$	3$	4$	6$	6$	5$	7$	7$
9$	9$	11$	10$	10$																										
33$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	2$	2$	2$	2$	3$	4$	4$	4$
4$	4$	4$	5$	5$																										

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0536$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0714$	.0714$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.1071$	.0714$	.0714$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
19$	.0714$	.1071$	.0893$	.0536$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
20$	.0893$	.0536$	.0893$	.1071$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
21$	.0714$	.0893$	.0536$	.0714$	.0893$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
22$	.0893$	.0714$	.0893$	.0536$	.0714$	.1071$	.0893$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
23$	.0893$	.0893$	.0893$	.0893$	.0536$	.0536$	.1071$	.0893$	.0179$	.0000$	.0179$	.0000$	.0000$
24$	.0179$	.0893$	.0893$	.0893$	.0893$	.0536$	.0357$	.1250$	.0893$	.0536$	.0000$	.0179$	.0179$
25$	.0179$	.0179$	.0714$	.1071$	.0893$	.0893$	.0536$	.0357$	.1250$	.0714$	.0536$	.0179$	.0179$
26$	.0536$	.0179$	.0179$	.0536$	.1250$	.0893$	.0893$	.0893$	.0536$	.1071$	.0714$	.0714$	.0714$
27$	.0179$	.0536$	.0179$	.0179$	.0357$	.1250$	.0893$	.0357$	.0893$	.0536$	.1429$	.0893$	.0893$
28$	.0179$	.0179$	.0714$	.0179$	.0179$	.0357$	.1429$	.1071$	.0536$	.1250$	.0536$	.1429$	.1429$
29$	.0536$	.0179$	.0000$	.0714$	.0179$	.0179$	.0179$	.1250$	.0893$	.0536$	.1250$	.0714$	.0714$
30$	.0357$	.0536$	.0179$	.0000$	.0714$	.0357$	.0357$	.0357$	.1429$	.0893$	.0714$	.0893$	.0893$
31$	.0357$	.0714$	.1071$	.0893$	.0714$	.1250$	.1071$	.1250$	.0893$	.1964$	.1964$	.2321$	.2321$
32$	.0536$	.0536$	.0714$	.1071$	.1071$	.0893$	.1250$	.1250$	.1607$	.1607$	.1964$	.1786$	.1786$
33$	.0357$	.0357$	.0357$	.0357$	.0536$	.0714$	.0714$	.0714$	.0714$	.0714$	.0714$	.0893$	.0893$

STEADY STATE TABLE

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
6$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0002$
7$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0004$
8$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0009$
9$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0015$
10$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0025$
11$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0030$
12$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0053$
13$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0065$
14$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0083$
15$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0091$
16$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0134$	.0134$
17$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0144$	.0144$
18$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0173$	.0173$
19$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0224$	.0224$
20$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0263$	.0263$
21$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0295$	.0295$
22$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0316$	.0316$
23$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0368$	.0368$
24$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0417$	.0417$
25$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0471$	.0471$
26$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0525$	.0525$
27$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0652$	.0652$
28$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0694$	.0694$
29$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0730$	.0730$
30$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0579$	.0579$
31$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.0553$	.0553$
32$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1299$	.1299$
33$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.1202$	.1202$

STEADY STATE TABLE

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
5$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$
6$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$
7$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$	.0009$
8$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$
9$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$	.0025$
10$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$	.0030$
11$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$
12$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$	.0065$
13$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$	.0083$
14$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$	.0091$
15$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$	.0134$
16$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$
17$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$	.0173$
18$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$	.0224$
19$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$	.0263$
20$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$
21$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$	.0316$
22$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$
23$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$
24$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$	.0471$
25$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$	.0525$
26$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$
27$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$	.0694$
28$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$	.0730$
29$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$	.0579$
30$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$
31$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$	.1299$
32$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$	.1202$
33$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$	.0581$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.000003$	.266369$	.000001$
2$	.000014$	.102679$	.000001$
3$	.000023$	.026786$	.000001$
4$	.000109$	.004464$	.000000$
5$	.000161$	.000000$	.000000$
6$	.000434$	.000000$	.000000$
7$	.000880$	.000000$	.000000$
8$	.001549$	.000000$	.000000$
9$	.002520$	.000000$	.000000$
10$	.003007$	.000000$	.000000$
11$	.005316$	.000000$	.000000$
12$	.006520$	.000000$	.000000$
13$	.008266$	.000000$	.000000$
14$	.009133$	.000000$	.000000$
15$	.013400$	.000000$	.000000$
16$	.014416$	.000000$	.000000$
17$	.017340$	.000000$	.000000$
18$	.022373$	.000000$	.000000$
19$	.026288$	.000000$	.000000$
20$	.029493$	.000000$	.000000$
21$	.031558$	.000000$	.000000$
22$	.036816$	.000000$	.000000$
23$	.041692$	.000000$	.000000$
24$	.047114$	.000000$	.000000$
25$	.052459$	.000000$	.000000$
26$	.065189$	.000000$	.000000$
27$	.069428$	.000000$	.000000$
28$	.073028$	.000000$	.000000$
29$	.057938$	.000000$	.000000$
30$	.055280$	.000000$	.000000$
31$	.129940$	.000000$	.000000$
32$	.120247$	.000000$	.000000$
33$	.058068$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .00$ PER CENT
$AT ANNUAL DEMAND=$ 130000.$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1934	1	1.00	12609.	-6433.	13387.	689314.	87176.	10120.	-5775.	0.	565.	96218.	237473.	90132.
1934	2	1.00	4803.	5397.	1406.	686720.	16187.	9282.	3080.	0.	518.	5231.	237473.	5515.
1934	3	.98	1467.	4352.	1406.	681835.	4204.	11253.	3046.	0.	628.	0.	228784.	650.
1934	4	1.00	16227.	-772.	6693.	689314.	26969.	11784.	1733.	0.	658.	11456.	237473.	11304.
1934	5	.97	865.	10488.	1406.	677691.	4153.	12189.	6984.	0.	680.	0.	223859.	650.
1934	6	.93	1183.	16889.	1406.	659985.	2162.	12651.	11448.	0.	706.	0.	203328.	650.
1934	7	.94	16866.	13005.	1406.	661846.	23466.	14342.	7175.	0.	800.	0.	206683.	650.
1934	8	.93	1553.	15398.	1406.	646001.	29031.	14328.	10287.	0.	800.	0.	212505.	650.
1934	9	.92	1344.	10291.	1406.	635054.	15995.	11714.	4207.	0.	654.	0.	213985.	650.
1934	10	.91	7420.	9967.	1406.	630507.	12435.	11378.	7807.	0.	635.	0.	208641.	650.
1934	11	.96	23635.	-2455.	1406.	654597.	89980.	10414.	-2695.	0.	581.	54835.	237473.	51646.
1934	12	.97	6166.	-747.	1406.	659511.	11945.	10330.	1924.	0.	576.	1097.	237473.	1670.
1935	1	.96	1264.	4484.	1406.	654291.	4187.	10120.	1529.	0.	565.	0.	231417.	650.
1935	2	.97	9795.	0.	1406.	662086.	18047.	9282.	2296.	0.	518.	1819.	237473.	2342.
1935	3	.97	3229.	3751.	1406.	659564.	18557.	11253.	-1540.	0.	628.	10250.	237473.	10183.
1935	4	.97	9227.	3253.	1406.	663537.	61121.	11784.	3658.	0.	658.	47085.	237473.	44439.
1935	5	1.00	124713.	772.	69010.	689314.	130464.	12189.	4043.	0.	680.	183242.	237473.	171065.
1935	6	1.00	549238.	-12867.	395159.	689314.	1181981.	12651.	-1155.	0.	706.	1565645.	237473.	1456700.
1935	7	1.00	69573.	13381.	39503.	689314.	79910.	14342.	10203.	0.	800.	94868.	237473.	88877.
1935	8	1.00	30233.	18270.	8410.	689314.	122344.	14328.	12128.	0.	800.	104298.	237473.	97647.
1935	9	1.00	82634.	-19300.	71659.	689314.	287015.	11714.	-8470.	0.	654.	355431.	237473.	331201.
1935	10	1.00	12480.	6176.	4432.	689314.	52953.	11378.	4428.	0.	635.	41579.	237473.	39318.
1935	11	.99	3349.	4368.	1406.	686295.	3268.	10414.	4179.	0.	581.	0.	227554.	650.
1935	12	1.00	4102.	-3602.	3294.	689314.	11381.	10330.	-3053.	0.	576.	0.	234952.	650.
1936	1	.99	3472.	3599.	1406.	687187.	3273.	10120.	2088.	0.	565.	0.	227422.	650.
1936	2	.97	2342.	3845.	1406.	683685.	0.	9282.	2425.	0.	518.	0.	217121.	650.
1936	3	.98	2240.	3576.	1406.	680349.	23443.	11253.	375.	0.	628.	0.	230343.	650.
1936	4	.97	3434.	6358.	1406.	675424.	4210.	11784.	2816.	0.	658.	0.	221358.	650.
1936	5	1.00	16544.	-6926.	6735.	689314.	105293.	12189.	-5583.	0.	680.	89306.	237473.	83705.
1936	6	1.00	22817.	-772.	16583.	689314.	40085.	12651.	4043.	0.	706.	39975.	237473.	37827.
1936	7	1.00	139880.	6176.	93994.	689314.	253210.	14342.	4428.	0.	800.	328434.	237473.	306094.
1936	8	.97	2539.	13294.	1406.	676559.	3925.	14328.	6037.	0.	800.	0.	222439.	650.
1936	9	1.00	25384.	4616.	5633.	689314.	130406.	11714.	-1925.	0.	654.	111216.	237473.	104081.
1936	10	1.00	51271.	6176.	31702.	689314.	151548.	11378.	5005.	0.	635.	166866.	237473.	155835.
1936	11	1.00	7547.	3603.	2773.	689314.	20875.	10414.	4043.	0.	581.	9191.	237473.	9198.
1936	12	1.00	5108.	2831.	1601.	689314.	13130.	10330.	1733.	0.	576.	2668.	237473.	3132.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1937	1	1.00	3734.	2572.	1406.	688476.	6686.	10120.	1342.	0.	565.	0.	234103.	650.
1937	2	.98	2762.	4363.	1406.	684875.	2524.	9282.	2651.	0.	518.	0.	226100.	650.
1937	3	.97	3279.	4348.	1406.	681806.	1962.	11253.	2974.	0.	628.	0.	215242.	650.
1937	4	.94	1792.	9655.	1406.	671943.	8.	11784.	6664.	0.	658.	0.	198209.	650.
1937	5	.91	1215.	7052.	1406.	664106.	1488.	12189.	5756.	0.	680.	0.	183157.	650.
1937	6	.90	8179.	12008.	1406.	658277.	12459.	12651.	6651.	0.	706.	0.	177721.	650.
1937	7	.87	725.	12879.	1406.	644123.	1064.	14342.	7619.	0.	800.	0.	158230.	650.
1937	8	.84	70.	14874.	1406.	627319.	14593.	14328.	8428.	0.	800.	0.	151473.	650.
1937	9	.81	1317.	14630.	1406.	612006.	3016.	11714.	8742.	0.	654.	0.	135439.	650.
1937	10	.78	1130.	11348.	1406.	599788.	758.	11378.	7005.	0.	635.	0.	119220.	650.
1937	11	.75	337.	7015.	1406.	591110.	0.	10414.	3771.	0.	581.	0.	106441.	650.
1937	12	.90	42015.	-16061.	1406.	647186.	83477.	10330.	-8796.	0.	576.	0.	189790.	650.
1938	1	1.00	48364.	3277.	2080.	689314.	140974.	10120.	2888.	0.	565.	82363.	237473.	77248.
1938	2	.99	1687.	3339.	1406.	685662.	4416.	9282.	1912.	0.	518.	0.	232101.	650.
1938	3	.97	2043.	6643.	1406.	679062.	620.	11253.	4494.	0.	628.	0.	218381.	650.
1938	4	1.00	27871.	2831.	10396.	689314.	82600.	11784.	3080.	0.	658.	59040.	237473.	55557.
1938	5	1.00	9357.	6948.	1694.	689314.	38619.	12189.	3273.	0.	680.	24851.	237473.	23761.
1938	6	.96	622.	15055.	1406.	672881.	0.	12651.	8801.	0.	706.	0.	217428.	650.
1938	7	.91	430.	19039.	1406.	652272.	0.	14342.	13867.	0.	800.	0.	190625.	650.
1938	8	.92	0.	12798.	1406.	637474.	46564.	14328.	7687.	0.	800.	0.	216580.	650.
1938	9	.89	194.	12127.	1406.	623541.	2376.	11714.	7233.	0.	654.	0.	201415.	650.
1938	10	.85	0.	12666.	1406.	608876.	0.	11378.	8548.	0.	635.	0.	182894.	650.
1938	11	.83	121.	8256.	1406.	598740.	990.	10414.	4409.	0.	581.	0.	170467.	650.
1938	12	.83	4458.	0.	1406.	601198.	7955.	10330.	-1347.	0.	576.	0.	170846.	650.
1939	1	.82	1354.	1879.	1406.	598673.	0.	10120.	1660.	0.	565.	0.	160472.	650.
1939	2	.80	560.	3744.	1406.	593489.	0.	9282.	3048.	0.	518.	0.	149548.	650.
1939	3	.78	438.	7199.	1406.	584728.	0.	11253.	4464.	0.	628.	0.	135237.	650.
1939	4	.75	0.	10561.	1406.	572167.	0.	11784.	6274.	0.	658.	0.	118586.	650.
1939	5	.85	9108.	7750.	1406.	571524.	112167.	12189.	6111.	0.	680.	0.	213859.	650.
1939	6	.87	6915.	5694.	1406.	570745.	54993.	12651.	3999.	0.	706.	16135.	237473.	15656.
1939	7	.88	24844.	13728.	1406.	579861.	31150.	14342.	11498.	0.	800.	6716.	237473.	6896.
1939	8	.87	6245.	8945.	1406.	575161.	13545.	14328.	9273.	0.	800.	0.	228824.	650.
1939	9	.88	15530.	7117.	1406.	581574.	31365.	11714.	4596.	0.	654.	7811.	237473.	7914.
1939	10	.88	10489.	9440.	1406.	580623.	26396.	11378.	8085.	0.	635.	8338.	237473.	8404.
1939	11	.86	755.	4588.	1406.	574790.	0.	10414.	4354.	0.	581.	0.	224112.	650.
1939	12	.84	511.	3421.	1406.	569880.	0.	10330.	2591.	0.	576.	0.	212596.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1940	1	.83	735.	2950.	1406.	565665.	0.	10120.	1993.	0.	565.	0.	201889.	650.
1940	2	.81	1819.	2713.	1406.	562771.	24.	9282.	2481.	0.	518.	0.	191556.	650.
1940	3	.81	595.	4948.	1406.	556418.	16816.	11253.	3516.	0.	628.	0.	195010.	650.
1940	4	.88	28596.	4763.	1406.	578251.	101394.	11784.	5367.	0.	658.	43187.	237473.	40814.
1940	5	.89	14953.	3461.	1406.	587743.	77491.	12189.	4428.	0.	680.	62280.	237473.	58570.
1940	6	.96	67988.	-2163.	1406.	655895.	197347.	12651.	-963.	0.	706.	187065.	237473.	174620.
1940	7	1.00	48402.	12401.	1815.	689314.	246918.	14342.	7893.	0.	800.	226498.	237473.	211293.
1940	8	1.00	18758.	13124.	3961.	689314.	51639.	14328.	9626.	0.	800.	31646.	237473.	30081.
1940	9	.98	632.	15562.	1406.	672384.	15999.	11714.	9317.	0.	654.	0.	233847.	650.
1940	10	.98	3712.	5806.	1406.	668290.	16213.	11378.	2298.	0.	635.	317.	237473.	945.
1940	11	.98	9671.	2778.	1406.	673183.	28780.	10414.	1540.	0.	581.	18232.	237473.	17606.
1940	12	1.00	13033.	-1274.	1406.	685490.	27372.	10330.	-578.	0.	576.	19025.	237473.	18344.
1941	1	1.00	12759.	1287.	5377.	689314.	7077.	10120.	1539.	0.	565.	794.	237473.	1389.
1941	2	1.00	42641.	-772.	30519.	689314.	50648.	9282.	-1733.	0.	518.	73618.	237473.	69115.
1941	3	1.00	10490.	257.	7194.	689314.	10128.	11253.	-193.	0.	628.	6261.	237473.	6473.
1941	4	1.00	84973.	-5147.	63354.	689314.	106142.	11784.	-4043.	0.	658.	161755.	237473.	151082.
1941	5	1.00	138576.	-1287.	98323.	689314.	414688.	12189.	-4428.	0.	680.	505250.	237473.	470532.
1941	6	1.00	20955.	2831.	12741.	689314.	124998.	12651.	193.	0.	706.	124896.	237473.	116804.
1941	7	1.00	6123.	6938.	1406.	686499.	89720.	14342.	5775.	0.	800.	71009.	237473.	66688.
1941	8	.97	4517.	13523.	1406.	675493.	8278.	14328.	8856.	0.	800.	0.	223973.	650.
1941	9	1.00	111498.	1029.	67943.	689314.	160639.	11714.	3850.	0.	654.	199518.	237473.	186202.
1941	10	1.00	10138.	4889.	3690.	689314.	21300.	11378.	2695.	0.	635.	10916.	237473.	10802.
1941	11	.98	2006.	5901.	1406.	683419.	1318.	10414.	4171.	0.	581.	0.	225612.	650.
1941	12	.96	1576.	4592.	1406.	678403.	27.	10330.	1859.	0.	576.	0.	214856.	650.
1942	1	.94	1126.	5327.	1406.	672202.	0.	10120.	3267.	0.	565.	0.	202874.	650.
1942	2	.94	1403.	253.	1406.	671352.	960.	9282.	-716.	0.	518.	0.	196674.	650.
1942	3	.91	884.	8300.	1406.	661936.	0.	11253.	5219.	0.	628.	0.	181609.	650.
1942	4	.90	5209.	3504.	1406.	661640.	8594.	11784.	2904.	0.	658.	0.	176921.	650.
1942	5	.91	10165.	4763.	1406.	665042.	16997.	12189.	3745.	0.	680.	0.	179390.	650.
1942	6	.89	417.	11229.	1406.	652230.	6330.	12651.	6058.	0.	706.	0.	168418.	650.
1942	7	1.00	176276.	-3345.	100204.	689314.	468366.	14342.	-6545.	0.	800.	491718.	237473.	457948.
1942	8	1.00	10632.	5147.	3856.	689314.	17450.	14328.	2695.	0.	800.	4283.	237473.	4633.
1942	9	1.00	104488.	-1287.	74360.	689314.	388926.	11714.	1155.	0.	654.	450417.	237473.	419537.
1942	10	1.00	28353.	5919.	15771.	689314.	31445.	11378.	3658.	0.	635.	32180.	237473.	30578.
1942	11	.98	1946.	8710.	1406.	680550.	5453.	10414.	5881.	0.	581.	0.	228037.	650.
1942	12	.96	1280.	6859.	1406.	672971.	592.	10330.	4831.	0.	576.	0.	214874.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.95	1459.	2780.	1406.	669650.	938.	10120.	730.	0.	565.	0.	206367.	650.
1943	2	.92	1172.	6786.	1406.	662037.	16.	9282.	4100.	0.	518.	0.	194407.	650.
1943	3	.91	1770.	5742.	1406.	656065.	1688.	11253.	3309.	0.	628.	0.	182940.	650.
1943	4	.88	945.	9162.	1406.	645848.	0.	11784.	6068.	0.	658.	0.	166494.	650.
1943	5	.86	3573.	5164.	1406.	642257.	3225.	12189.	2293.	0.	680.	0.	156642.	650.
1943	6	.96	30515.	6453.	1406.	664319.	88193.	12651.	5255.	0.	706.	0.	228335.	650.
1943	7	.98	27087.	11620.	1406.	677785.	19459.	14342.	7690.	0.	800.	0.	227168.	650.
1943	8	.93	0.	18877.	1406.	656908.	0.	14328.	12900.	0.	800.	0.	201347.	650.
1943	9	.95	2130.	3482.	1406.	653557.	33410.	11714.	1464.	0.	654.	0.	222984.	650.
1943	10	.92	443.	12817.	1406.	639183.	8233.	11378.	8818.	0.	635.	0.	212427.	650.
1943	11	.91	2333.	2688.	1406.	636827.	3745.	10414.	1274.	0.	581.	0.	205891.	650.
1943	12	.90	510.	2679.	1406.	632658.	2149.	10330.	180.	0.	576.	0.	198936.	650.
1944	1	.90	990.	-1459.	1406.	633107.	7001.	10120.	-535.	0.	565.	0.	197757.	650.
1944	2	.88	440.	3154.	1406.	628393.	0.	9282.	2110.	0.	518.	0.	187771.	650.
1944	3	.88	3183.	726.	1406.	628850.	12904.	11253.	873.	0.	628.	0.	189956.	650.
1944	4	.85	866.	9631.	1406.	618084.	0.	11784.	6159.	0.	658.	0.	173419.	650.
1944	5	.99	71463.	-1241.	1406.	688788.	69153.	12189.	-1262.	0.	680.	0.	233051.	650.
1944	6	1.00	13089.	10804.	1406.	689074.	169816.	12651.	8085.	0.	706.	146064.	237473.	136489.
1944	7	.95	1564.	19103.	1406.	669535.	1607.	14342.	12817.	0.	800.	0.	213327.	650.
1944	8	.96	8715.	8568.	1406.	667681.	22563.	14328.	4230.	0.	800.	0.	218737.	650.
1944	9	.98	19295.	10861.	1406.	674115.	336315.	11714.	5005.	0.	654.	302266.	237473.	281758.
1944	10	.97	9430.	11380.	1406.	670165.	6750.	11378.	8125.	0.	635.	0.	226125.	650.
1944	11	.95	483.	2016.	1406.	666633.	2318.	10414.	1307.	0.	581.	0.	218129.	650.
1944	12	.95	1592.	754.	1406.	665471.	1766.	10330.	368.	0.	576.	0.	210602.	650.
1945	1	.93	5035.	4519.	1406.	663987.	2032.	10120.	3067.	0.	565.	0.	200853.	650.
1945	2	.94	9141.	2263.	1406.	668865.	9109.	9282.	1609.	0.	518.	0.	200477.	650.
1945	3	.94	2032.	3774.	1406.	665122.	18645.	11253.	2695.	0.	628.	0.	206580.	650.
1945	4	1.00	26463.	3552.	1406.	686033.	117552.	11784.	1155.	0.	658.	75127.	237473.	70518.
1945	5	.98	340.	11717.	1406.	672656.	38546.	12189.	7700.	0.	680.	20062.	237473.	19308.
1945	6	.99	16638.	6858.	1406.	680436.	36009.	12651.	5775.	0.	706.	18989.	237473.	18310.
1945	7	.96	1845.	12668.	1406.	667614.	1799.	14342.	8433.	0.	800.	0.	217903.	650.
1945	8	.92	0.	14483.	1406.	651130.	0.	14328.	7216.	0.	800.	0.	197765.	650.
1945	9	.88	948.	13033.	1406.	637045.	0.	11714.	9160.	0.	654.	0.	178297.	650.
1945	10	.98	44421.	4480.	1406.	674986.	224000.	11378.	3273.	0.	635.	151579.	237473.	141618.
1945	11	.96	307.	8328.	1406.	664965.	0.	10414.	6224.	0.	581.	0.	222241.	650.
1945	12	.94	322.	5005.	1406.	658282.	0.	10330.	2948.	0.	576.	0.	210369.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.93	560.	249.	1406.	656593.	1610.	10120.	-363.	0.	565.	0.	203627.	650.
1946	2	.91	298.	2237.	1406.	652654.	0.	9282.	892.	0.	518.	0.	194859.	650.
1946	3	.90	2074.	6675.	1406.	646053.	8898.	11253.	4554.	0.	628.	0.	189356.	650.
1946	4	.93	15960.	4456.	1406.	655556.	26930.	11784.	3008.	0.	658.	0.	202901.	650.
1946	5	.98	18011.	-1506.	1406.	673073.	149199.	12189.	385.	0.	680.	103459.	237473.	96867.
1946	6	.99	14147.	7105.	1406.	678115.	119961.	12651.	3465.	0.	706.	105251.	237473.	98534.
1946	7	.94	0.	17635.	1406.	658480.	1314.	14342.	10814.	0.	800.	0.	215037.	650.
1946	8	1.00	43717.	8623.	2995.	689314.	51900.	14328.	6999.	0.	800.	11132.	237473.	11003.
1946	9	1.00	106530.	2316.	73262.	689314.	197402.	11714.	-385.	0.	654.	259336.	237473.	241832.
1946	10	1.00	118574.	-515.	83719.	689314.	446756.	11378.	-2118.	0.	635.	521215.	237473.	485380.
1946	11	.98	2060.	6412.	1406.	682962.	5146.	10414.	3997.	0.	581.	0.	229614.	650.
1946	12	.97	1108.	4080.	1406.	677989.	987.	10330.	2808.	0.	576.	0.	218869.	650.
1947	1	.97	1450.	-1272.	1406.	678712.	5394.	10120.	-556.	0.	565.	0.	216104.	650.
1947	2	.95	476.	5580.	1406.	671608.	0.	9282.	3820.	0.	518.	0.	204409.	650.
1947	3	.93	1384.	5795.	1406.	665197.	2610.	11253.	3734.	0.	628.	0.	193438.	650.
1947	4	.93	598.	4008.	1406.	659787.	16828.	11784.	1770.	0.	658.	0.	198118.	650.
1947	5	.98	10242.	0.	1406.	668029.	149170.	12189.	-578.	0.	680.	99609.	237473.	93287.
1947	6	.98	13468.	11836.	1406.	667661.	28981.	12651.	7893.	0.	706.	9844.	237473.	9805.
1947	7	.96	6218.	18004.	1406.	653875.	46450.	14342.	12128.	0.	800.	21386.	237473.	20539.
1947	8	.95	1442.	10128.	1406.	643189.	25071.	14328.	4813.	0.	800.	7336.	237473.	7473.
1947	9	.91	0.	15826.	1406.	625363.	0.	11714.	11192.	0.	654.	0.	215973.	650.
1947	10	.88	0.	10547.	1406.	612817.	0.	11378.	7210.	0.	635.	0.	198791.	650.
1947	11	.86	789.	5695.	1406.	605911.	5143.	10414.	1771.	0.	581.	0.	193155.	650.
1947	12	.85	105.	1888.	1406.	602128.	0.	10330.	872.	0.	576.	0.	183358.	650.
1948	1	.83	0.	3990.	1406.	596138.	0.	10120.	2554.	0.	565.	0.	172090.	650.
1948	2	.82	135.	0.	1406.	594273.	0.	9282.	334.	0.	518.	0.	163880.	650.
1948	3	.80	0.	5118.	1406.	587155.	0.	11253.	2750.	0.	628.	0.	151283.	650.
1948	4	.77	0.	6919.	1406.	578236.	0.	11784.	3873.	0.	658.	0.	137032.	650.
1948	5	.74	0.	8899.	1406.	567336.	0.	12189.	5153.	0.	680.	0.	121095.	650.
1948	6	.71	1169.	11938.	1406.	554568.	0.	12651.	5429.	0.	706.	0.	104422.	650.
1948	7	.78	26585.	11937.	1406.	567216.	73915.	14342.	7098.	0.	800.	0.	158303.	650.
1948	8	.75	0.	15276.	1406.	549940.	5896.	14328.	10296.	0.	800.	0.	140981.	650.
1948	9	.73	0.	7534.	1406.	540406.	8132.	11714.	2593.	0.	654.	0.	136212.	650.
1948	10	.75	14220.	5753.	1406.	546873.	22665.	11378.	3982.	0.	635.	0.	144922.	650.
1948	11	.73	0.	5969.	1406.	538904.	4379.	10414.	3982.	0.	581.	0.	136311.	650.
1948	12	.71	0.	4608.	1406.	532295.	233.	10330.	3263.	0.	576.	0.	124357.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1949	1	.70	0.	874.	1406.	529422.	133.	10120.	575.	0.	565.	0.	115200.	650.
1949	2	.70	6427.	219.	1406.	533630.	3285.	9282.	0.	0.	518.	0.	110609.	650.
1949	3	.84	23421.	4639.	1406.	550413.	131112.	11253.	2679.	0.	628.	0.	229196.	650.
1949	4	.94	76290.	-5348.	1406.	630051.	159940.	11784.	-5005.	0.	658.	146290.	237473.	136700.
1949	5	.94	14887.	8746.	1406.	634192.	216641.	12189.	7123.	0.	680.	198735.	237473.	185473.
1949	6	.98	47734.	5714.	1406.	674212.	78380.	12651.	5390.	0.	706.	61745.	237473.	58073.
1949	7	.99	14473.	9643.	1406.	677042.	85019.	14342.	6160.	0.	800.	65923.	237473.	61958.
1949	8	.98	5632.	14157.	1406.	666518.	36875.	14328.	9626.	0.	800.	14328.	237473.	13975.
1949	9	.94	0.	13724.	1406.	650793.	3989.	11714.	9027.	0.	654.	0.	222127.	650.
1949	10	.97	17238.	1496.	1406.	664535.	20834.	11378.	1507.	0.	635.	0.	231482.	650.
1949	11	.95	1798.	6504.	1406.	657829.	10173.	10414.	6213.	0.	581.	0.	226434.	650.
1949	12	.97	10912.	-501.	1406.	667242.	11345.	10330.	566.	0.	576.	0.	228288.	650.
1950	1	.95	49.	5266.	1406.	660025.	1710.	10120.	2617.	0.	565.	0.	218667.	650.
1950	2	.93	0.	3489.	1406.	654536.	685.	9282.	2750.	0.	518.	0.	208726.	650.
1950	3	.90	0.	8405.	1406.	644131.	917.	11253.	5707.	0.	628.	0.	194089.	650.
1950	4	.88	171.	5879.	1406.	636423.	3477.	11784.	4691.	0.	658.	0.	182497.	650.
1950	5	.92	11295.	4891.	1406.	640827.	41642.	12189.	4588.	0.	680.	0.	208768.	650.
1950	6	.95	9116.	6619.	1406.	641323.	105877.	12651.	6545.	0.	706.	59382.	237473.	55876.
1950	7	.92	45.	12899.	1406.	626469.	10350.	14342.	8688.	0.	800.	0.	226199.	650.
1950	8	.87	0.	15558.	1406.	608912.	0.	14328.	11635.	0.	800.	0.	201642.	650.
1950	9	.85	0.	11539.	1406.	595373.	8312.	11714.	8967.	0.	654.	0.	190679.	650.
1950	10	.83	0.	12067.	1406.	581306.	15724.	11378.	8498.	0.	635.	0.	187933.	650.
1950	11	.80	0.	9157.	1406.	570150.	0.	10414.	6478.	0.	581.	0.	172447.	650.
1950	12	.78	0.	7244.	1406.	560906.	0.	10330.	5115.	0.	576.	0.	158407.	650.
1951	1	.75	0.	5831.	1406.	553075.	0.	10120.	3655.	0.	565.	0.	146038.	650.
1951	2	.74	0.	2452.	1406.	548624.	229.	9282.	2307.	0.	518.	0.	136084.	650.
1951	3	.72	0.	4654.	1406.	541970.	793.	11253.	2671.	0.	628.	0.	124359.	650.
1951	4	.69	0.	8130.	1406.	531839.	1008.	11784.	5091.	0.	658.	0.	109898.	650.
1951	5	.78	60288.	3372.	1406.	586755.	41567.	12189.	3908.	0.	680.	0.	136774.	650.
1951	6	.91	35876.	6581.	1406.	614049.	110767.	12651.	4822.	0.	706.	0.	231474.	650.
1951	7	.86	0.	17232.	1406.	594818.	0.	14342.	12651.	0.	800.	0.	205888.	650.
1951	8	.81	0.	19404.	1406.	573414.	0.	14328.	14391.	0.	800.	0.	178574.	650.
1951	9	.93	50417.	-1173.	1406.	623003.	168500.	11714.	578.	0.	654.	98716.	237473.	92456.
1951	10	.92	6225.	8166.	1406.	619062.	13728.	11378.	6865.	0.	635.	0.	234364.	650.
1951	11	.90	393.	4540.	1406.	612916.	1571.	10414.	2647.	0.	581.	0.	224280.	650.
1951	12	.88	0.	5929.	1406.	604986.	306.	10330.	4246.	0.	576.	0.	211416.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.86	0.	6115.	1406.	596872.	922.	10120.	4321.	0.	565.	0.	199303.	650.
1952	2	.86	6769.	2579.	1406.	599062.	6813.	9282.	2662.	0.	518.	0.	195578.	650.
1952	3	.83	1633.	6082.	1406.	592613.	0.	11253.	5035.	0.	628.	0.	180696.	650.
1952	4	.83	6853.	4895.	1406.	592571.	9761.	11784.	2052.	0.	658.	0.	178028.	650.
1952	5	.84	13278.	5611.	1406.	598237.	21222.	12189.	6307.	0.	680.	0.	182159.	650.
1952	6	.89	4251.	10507.	1406.	589982.	73717.	12651.	8490.	0.	706.	0.	236141.	650.
1952	7	.87	0.	12226.	1406.	575755.	10726.	14342.	6435.	0.	800.	0.	227496.	650.
1952	8	.81	0.	19010.	1406.	554745.	198.	14328.	14500.	0.	800.	0.	200272.	650.
1952	9	.82	0.	5128.	1406.	547617.	17513.	11714.	-2901.	0.	654.	0.	210378.	650.
1952	10	.78	0.	11912.	1406.	533706.	0.	11378.	9054.	0.	635.	0.	191352.	650.
1952	11	.77	0.	1312.	1406.	530394.	979.	10414.	870.	0.	581.	0.	182453.	650.
1952	12	.75	0.	2178.	1406.	526216.	1484.	10330.	2045.	0.	576.	0.	172969.	650.
1953	1	.73	0.	6060.	1406.	518156.	2080.	10120.	4486.	0.	565.	0.	161849.	650.
1953	2	.72	0.	2580.	1406.	513576.	968.	9282.	1620.	0.	518.	0.	153320.	650.
1953	3	.70	0.	6194.	1406.	505382.	1254.	11253.	4063.	0.	628.	0.	140665.	650.
1953	4	.69	446.	5720.	1406.	498108.	12888.	11784.	3823.	0.	658.	0.	139352.	650.
1953	5	.77	31122.	5342.	1406.	521888.	68114.	12189.	5278.	0.	680.	0.	191405.	650.
1953	6	.73	0.	14586.	1406.	505302.	0.	12651.	10696.	0.	706.	0.	169464.	650.
1953	7	.68	5.	16007.	1406.	487300.	48.	14342.	10398.	0.	800.	0.	146178.	650.
1953	8	.71	12604.	6272.	1406.	491631.	33348.	14328.	162.	0.	800.	0.	166442.	650.
1953	9	.97	180066.	5964.	1406.	663733.	268221.	11714.	7123.	0.	654.	179759.	237473.	167826.
1953	10	1.00	30721.	-1782.	4866.	689314.	47881.	11378.	-5005.	0.	635.	46374.	237473.	43778.
1953	11	.99	1255.	7432.	1406.	681138.	33853.	10414.	5390.	0.	581.	19455.	237473.	18743.
1953	12	.97	67.	5339.	1406.	673866.	219.	10330.	3226.	0.	576.	0.	225542.	650.
1954	1	.95	14.	4797.	1406.	667083.	1499.	10120.	3157.	0.	565.	0.	215170.	650.
1954	2	.93	0.	8012.	1406.	657070.	1373.	9282.	5437.	0.	518.	0.	203230.	650.
1954	3	.90	0.	9413.	1406.	645657.	1263.	11253.	6168.	0.	628.	0.	188478.	650.
1954	4	.89	6098.	5170.	1406.	644585.	5848.	11784.	3109.	0.	658.	0.	180840.	650.
1954	5	.87	6606.	8349.	1406.	640842.	3015.	12189.	5559.	0.	680.	0.	167512.	650.
1954	6	.91	19590.	10577.	1406.	647855.	48472.	12651.	5158.	0.	706.	0.	199582.	650.
1954	7	.94	932.	16393.	1406.	630393.	138607.	14342.	12321.	0.	800.	75459.	237473.	70827.
1954	8	.89	0.	18239.	1406.	610154.	1101.	14328.	12267.	0.	800.	0.	213385.	650.
1954	9	.85	0.	14128.	1406.	594026.	3468.	11714.	8256.	0.	654.	0.	198288.	650.
1954	10	.84	1103.	9057.	1406.	584072.	10715.	11378.	3893.	0.	635.	0.	195138.	650.
1954	11	.83	477.	5752.	1406.	576797.	11152.	10414.	4048.	0.	581.	0.	193233.	650.
1954	12	.80	0.	7978.	1406.	566819.	271.	10330.	5701.	0.	576.	0.	178879.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.79	0.	3616.	1406.	561203.	526.	10120.	2867.	0.	565.	0.	167824.	650.
1955	2	.78	1446.	2699.	1406.	557951.	6468.	9282.	2653.	0.	518.	0.	163764.	650.
1955	3	.75	0.	8707.	1406.	547243.	791.	11253.	6404.	0.	628.	0.	148304.	650.
1955	4	.72	0.	10591.	1406.	534652.	102.	11784.	6842.	0.	658.	0.	131186.	650.
1955	5	.73	28501.	8628.	1406.	552525.	15534.	12189.	7354.	0.	680.	0.	128583.	650.
1955	6	.71	2412.	16607.	1406.	536330.	15543.	12651.	10939.	0.	706.	0.	121942.	650.
1955	7	.67	97.	18688.	1406.	515739.	3804.	14342.	11518.	0.	800.	0.	101292.	650.
1955	8	.64	3584.	14944.	1406.	502379.	6838.	14328.	8211.	0.	800.	0.	86997.	650.
1955	9	.64	1509.	10118.	1406.	491770.	25937.	11714.	373.	0.	654.	0.	102253.	650.
1955	10	.65	2320.	12701.	1406.	479389.	38360.	11378.	6947.	0.	635.	0.	123694.	650.
1955	11	.63	0.	7817.	1406.	469572.	1284.	10414.	5233.	0.	581.	0.	110737.	650.
1955	12	.61	0.	5705.	1406.	461867.	980.	10330.	3633.	0.	576.	0.	99160.	650.
1956	1	.59	0.	4044.	1406.	455823.	968.	10120.	2688.	0.	565.	0.	88726.	650.
1956	2	.57	0.	5219.	1406.	448605.	481.	9282.	2751.	0.	518.	0.	78581.	650.
1956	3	.54	0.	7740.	1406.	438865.	655.	11253.	3463.	0.	628.	0.	65926.	650.
1956	4	.53	0.	7442.	1406.	429422.	4634.	11784.	1625.	0.	658.	0.	58557.	650.
1956	5	.53	3515.	7364.	1406.	423574.	18578.	12189.	1778.	0.	680.	0.	64574.	650.
1956	6	.50	907.	12045.	1406.	410435.	2948.	12651.	4238.	0.	706.	0.	52040.	650.
1956	7	.47	2952.	15186.	1406.	396201.	6926.	14342.	5543.	0.	800.	0.	40487.	650.
1956	8	.46	17679.	15770.	1406.	396110.	11600.	14328.	4710.	0.	800.	0.	34455.	650.
1956	9	.48	16880.	10977.	1406.	400013.	27107.	11714.	3385.	0.	654.	0.	47869.	650.
1956	10	.51	11668.	6917.	1406.	402764.	36895.	11378.	2482.	0.	635.	0.	72309.	650.
1956	11	.49	0.	6331.	1406.	394433.	1378.	10414.	3067.	0.	581.	0.	61612.	650.
1956	12	.49	0.	3686.	1406.	388748.	11256.	10330.	1200.	0.	576.	0.	62744.	650.
1957	1	.47	0.	5111.	1406.	381636.	553.	10120.	2324.	0.	565.	0.	52258.	650.
1957	2	.46	0.	2714.	1406.	376922.	1891.	9282.	1147.	0.	518.	0.	45127.	650.
1957	3	.47	4752.	3064.	1406.	376609.	24663.	11253.	1640.	0.	628.	0.	58304.	650.
1957	4	.66	77221.	-572.	1406.	452402.	110808.	11784.	-2797.	0.	658.	0.	161530.	650.
1957	5	.89	141326.	-216.	1406.	591944.	478579.	12189.	-2310.	0.	680.	394163.	237473.	367222.
1957	6	.99	101364.	8548.	1406.	682760.	402936.	12651.	3080.	0.	706.	388611.	237473.	362058.
1957	7	.94	35.	20222.	1406.	660573.	2993.	14342.	14281.	0.	800.	0.	213249.	650.
1957	8	.89	0.	19049.	1406.	639524.	354.	14328.	12898.	0.	800.	0.	187783.	650.
1957	9	.97	32902.	6937.	1406.	663489.	106256.	11714.	4754.	0.	654.	41504.	237473.	39249.
1957	10	1.00	54599.	5392.	16438.	689314.	78496.	11378.	6160.	0.	635.	77395.	237473.	72627.
1957	11	1.00	8838.	-1801.	7479.	689314.	38190.	10414.	-1540.	0.	581.	36796.	237473.	34870.
1957	12	.98	2601.	4622.	1406.	685293.	2676.	10330.	3988.	0.	576.	0.	227237.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	1.00	100716.	-4117.	70871.	689314.	239830.	10120.	-6160.	0.	565.	296504.	237473.	276399.
1958	2	1.00	111709.	-4117.	81426.	689314.	283699.	9282.	-6353.	0.	518.	362196.	237473.	337492.
1958	3	1.00	23248.	4375.	13268.	689314.	166446.	11253.	2503.	0.	628.	165959.	237473.	154992.
1958	4	.98	3004.	5136.	1406.	685182.	1525.	11784.	4917.	0.	658.	0.	223703.	650.
1958	5	1.00	14420.	2831.	5243.	689314.	31400.	12189.	3433.	0.	680.	7251.	237473.	7394.
1958	6	1.00	50387.	11580.	27281.	689314.	5901.	12651.	8278.	0.	706.	12254.	237473.	12046.
1958	7	.99	15530.	18989.	1406.	683855.	102371.	14342.	14246.	0.	800.	75189.	237473.	70576.
1958	8	.94	20.	19240.	1406.	662634.	0.	14328.	14061.	0.	800.	0.	210490.	650.
1958	9	1.00	53205.	-3603.	21180.	689314.	25250.	11714.	-7865.	0.	654.	15598.	237473.	15156.
1958	10	1.00	43294.	-5147.	34054.	689314.	217084.	11378.	-5968.	0.	635.	245727.	237473.	229176.
1958	11	1.00	41388.	4632.	25840.	689314.	167157.	10414.	3850.	0.	581.	178732.	237473.	166871.
1958	12	1.00	8202.	2831.	3776.	689314.	13568.	10330.	1348.	0.	576.	5666.	237473.	5920.
1959	1	.99	2750.	5903.	1406.	684161.	23618.	10120.	3273.	0.	565.	11631.	237473.	11467.
1959	2	.99	1409.	-1793.	1406.	685363.	3436.	9282.	-3080.	0.	518.	0.	236113.	650.
1959	3	.97	590.	8923.	1406.	675030.	6481.	11253.	5867.	0.	628.	0.	226881.	650.
1959	4	.95	415.	5308.	1406.	668137.	0.	11784.	3892.	0.	658.	0.	212610.	650.
1959	5	.93	1411.	5775.	1406.	661773.	4796.	12189.	5055.	0.	680.	0.	201568.	650.
1959	6	.94	23818.	7311.	1406.	676280.	7775.	12651.	4956.	0.	706.	0.	193143.	650.
1959	7	.96	22218.	16031.	1406.	680466.	45138.	14342.	11744.	0.	800.	0.	213601.	650.
1959	8	.94	374.	14419.	1406.	664421.	9454.	14328.	6688.	0.	800.	0.	203445.	650.
1959	9	.90	1472.	12715.	1406.	651178.	2280.	11714.	8428.	0.	654.	0.	186989.	650.
1959	10	1.00	69467.	4345.	18971.	689314.	231751.	11378.	2118.	0.	635.	186742.	237473.	174320.
1959	11	1.00	5459.	5399.	1406.	687374.	15880.	10414.	5370.	0.	581.	1502.	237473.	2046.
1959	12	.98	615.	4864.	1406.	681125.	6660.	10330.	3625.	0.	576.	0.	231584.	650.
1960	1	.98	712.	3310.	1406.	676528.	6637.	10120.	1704.	0.	565.	0.	227802.	650.
1960	2	.97	933.	3295.	1406.	672166.	6094.	9282.	1317.	0.	518.	0.	224703.	650.
1960	3	.95	556.	4035.	1406.	666687.	4774.	11253.	2234.	0.	628.	0.	217397.	650.
1960	4	.93	3919.	6525.	1406.	662081.	0.	11784.	4541.	0.	658.	0.	202478.	650.
1960	5	.90	697.	8968.	1406.	651810.	0.	12189.	5103.	0.	680.	0.	186592.	650.
1960	6	.92	8139.	8910.	1406.	649039.	36056.	12651.	5995.	0.	706.	0.	205409.	650.
1960	7	.91	2007.	9837.	1406.	639209.	21907.	14342.	10538.	0.	800.	0.	203841.	650.
1960	8	.96	23250.	5673.	1406.	654787.	46113.	14328.	3699.	0.	800.	0.	233333.	650.
1960	9	.95	1645.	13086.	1406.	641346.	22454.	11714.	7054.	0.	654.	952.	237473.	1536.
1960	10	.98	26393.	-3482.	1406.	669221.	140197.	11378.	-6738.	0.	635.	136962.	237473.	128025.
1960	11	.99	17115.	2284.	1406.	682052.	78733.	10414.	1348.	0.	581.	68377.	237473.	64241.
1960	12	1.00	6656.	-2307.	1406.	689015.	52666.	10330.	-5583.	0.	576.	49325.	237473.	46522.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2666.	689314.	42256.	10120.	385.	0.	565.	34417.	237473.	32658.
1961	2	1.00	16221.	257.	11222.	689314.	51823.	9282.	-578.	0.	518.	54341.	237473.	51187.
1961	3	.99	2221.	6157.	1406.	683378.	9629.	11253.	4957.	0.	628.	0.	232298.	650.
1961	4	.99	13295.	3595.	2646.	689314.	8815.	11784.	3596.	0.	658.	0.	228379.	650.
1961	5	.95	0.	12770.	1406.	674544.	0.	12189.	9374.	0.	680.	0.	208222.	650.
1961	6	1.00	76005.	6176.	38707.	689314.	55645.	12651.	3658.	0.	706.	48792.	237473.	46027.
1961	7	.99	4774.	11019.	1406.	681069.	22418.	14342.	8035.	0.	800.	1447.	237473.	1996.
1961	8	.98	1034.	12922.	1406.	667181.	32464.	14328.	9240.	0.	800.	10302.	237473.	10230.
1961	9	.95	0.	11747.	1406.	653433.	3812.	11714.	5865.	0.	654.	0.	225112.	650.
1961	10	.93	897.	7415.	1406.	644915.	13017.	11378.	8348.	0.	635.	0.	219808.	650.
1961	11	.92	514.	738.	1406.	642692.	4065.	10414.	1661.	0.	581.	0.	213204.	650.
1961	12	.91	400.	2940.	1406.	638152.	20.	10330.	2896.	0.	576.	0.	201404.	650.
1962	1	.89	889.	3901.	1406.	633140.	0.	10120.	3355.	0.	565.	0.	189335.	650.
1962	2	.86	517.	6539.	1406.	625117.	0.	9282.	4980.	0.	518.	0.	176479.	650.
1962	3	.84	242.	7442.	1406.	615918.	0.	11253.	5166.	0.	628.	0.	161466.	650.
1962	4	.82	273.	5237.	1406.	608954.	0.	11784.	2090.	0.	658.	0.	148998.	650.
1962	5	.78	814.	12246.	1406.	595522.	0.	12189.	7149.	0.	680.	0.	131067.	650.
1962	6	.81	6471.	4443.	1406.	595550.	34565.	12651.	2464.	0.	706.	0.	151923.	650.
1962	7	.75	0.	19876.	1406.	573673.	0.	14342.	13056.	0.	800.	0.	125931.	650.
1962	8	.71	0.	17625.	1406.	554048.	0.	14328.	10134.	0.	800.	0.	102875.	650.
1962	9	.71	0.	7122.	1406.	544926.	20186.	11714.	3927.	0.	654.	0.	108825.	650.
1962	10	.67	0.	11004.	1406.	531922.	0.	11378.	6989.	0.	635.	0.	91864.	650.
1962	11	.65	0.	4141.	1406.	525781.	0.	10414.	3469.	0.	581.	0.	79387.	650.
1962	12	.64	0.	-217.	1406.	523998.	680.	10330.	607.	0.	576.	0.	70536.	650.
1963	1	.63	0.	3891.	1406.	518107.	1908.	10120.	1537.	0.	565.	0.	62192.	650.
1963	2	.62	639.	1076.	1406.	515670.	4568.	9282.	1166.	0.	518.	0.	57718.	650.
1963	3	.60	0.	6847.	1406.	506823.	1966.	11253.	2328.	0.	628.	0.	47510.	650.
1963	4	.57	0.	6784.	1406.	498039.	0.	11784.	2582.	0.	658.	0.	34550.	650.
1963	5	.57	3745.	7782.	1406.	492002.	11579.	12189.	2545.	0.	680.	0.	32800.	650.
1963	6	.66	17037.	8416.	1406.	498623.	98346.	12651.	6040.	0.	706.	0.	113862.	650.
1963	7	.62	2159.	13001.	1406.	485781.	0.	14342.	8658.	0.	800.	0.	92268.	650.
1963	8	.58	0.	17311.	1406.	466469.	0.	14328.	8146.	0.	800.	0.	71200.	650.
1963	9	.55	584.	9325.	1406.	455729.	0.	11714.	3968.	0.	654.	0.	56925.	650.
1963	10	.53	591.	8217.	1406.	446103.	0.	11378.	3525.	0.	635.	0.	43427.	650.
1963	11	.54	2435.	1989.	1406.	444549.	22743.	10414.	1660.	0.	581.	0.	55502.	650.
1963	12	.53	2012.	1389.	1406.	443172.	3787.	10330.	759.	0.	576.	0.	49606.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.52	0.	1780.	1406.	439391.	0.	10120.	747.	0.	565.	0.	40145.	650.
1964	2	.51	0.	1378.	1406.	436014.	0.	9282.	177.	0.	518.	0.	32091.	650.
1964	3	.49	965.	2935.	2229.	430874.	1304.	11253.	925.	0.	628.	0.	23447.	650.
1964	4	.46	0.	6513.	13075.	405762.	0.	11784.	1534.	0.	658.	0.	23204.	650.
1964	5	.44	145.	3158.	10130.	388338.	2318.	12189.	0.	0.	680.	0.	23463.	650.
1964	6	.42	2673.	10258.	12436.	363062.	2220.	12651.	2358.	0.	706.	0.	23111.	650.
1964	7	.38	105.	11351.	14187.	331635.	1749.	14342.	1527.	0.	800.	0.	23179.	650.
1964	8	.38	3302.	9794.	1406.	323143.	23105.	14328.	3890.	0.	800.	0.	29471.	650.
1964	9	.54	681.	6542.	1406.	315282.	170057.	11714.	1382.	0.	654.	0.	187838.	650.
1964	10	.59	7568.	7456.	1406.	313394.	226270.	11378.	3465.	0.	635.	163198.	237473.	152424.
1964	11	.58	8739.	5991.	1406.	314142.	4570.	10414.	7185.	0.	581.	0.	225850.	650.
1964	12	.57	0.	2098.	1406.	310044.	0.	10330.	1674.	0.	576.	0.	215251.	650.
1965	1	.55	508.	1283.	1406.	307269.	0.	10120.	2366.	0.	565.	0.	204171.	650.
1965	2	.55	4438.	-2733.	1406.	312439.	0.	9282.	-3061.	0.	518.	0.	199357.	650.
1965	3	.58	0.	2894.	1406.	307545.	39687.	11253.	2564.	0.	628.	0.	226633.	650.
1965	4	.56	6634.	3684.	1406.	308495.	0.	11784.	5540.	0.	658.	0.	210716.	650.
1965	5	.66	68285.	-3244.	1406.	378024.	131459.	12189.	-2695.	0.	680.	96614.	237473.	90501.
1965	6	.66	2048.	7185.	1406.	370887.	44496.	12651.	9626.	0.	706.	23626.	237473.	22622.
1965	7	.62	0.	12370.	1406.	356517.	8478.	14342.	14175.	0.	800.	0.	218841.	650.
1965	8	.58	0.	10887.	1406.	343630.	0.	14328.	12341.	0.	800.	0.	193577.	650.
1965	9	.55	0.	8297.	1406.	333333.	0.	11714.	9585.	0.	654.	0.	173685.	650.
1965	10	.53	1400.	3010.	1406.	329723.	0.	11378.	3654.	0.	635.	0.	160059.	650.
1965	11	.51	111.	2491.	1406.	325343.	1794.	10414.	3682.	0.	581.	0.	149163.	650.
1965	12	.51	4202.	-1161.	1406.	328707.	5880.	10330.	-158.	0.	576.	0.	146276.	650.
1966	1	.50	0.	-2664.	1406.	329370.	0.	10120.	-620.	0.	565.	0.	138182.	650.
1966	2	.50	2307.	666.	1406.	329011.	0.	9282.	302.	0.	518.	0.	130005.	650.
1966	3	.48	16.	1162.	1406.	325865.	0.	11253.	2327.	0.	628.	0.	117831.	650.
1966	4	.51	16583.	1842.	1406.	338606.	27683.	11784.	-2374.	0.	658.	0.	137511.	650.
1966	5	.64	18314.	-344.	1406.	355264.	206958.	12189.	-4620.	0.	680.	100833.	237473.	94424.
1966	6	.64	9218.	4021.	1406.	358461.	34719.	12651.	193.	0.	706.	23282.	237473.	22302.
1966	7	.61	694.	7828.	1406.	349327.	0.	14342.	7312.	0.	800.	0.	217225.	650.
1966	8	.60	10761.	9657.	1406.	348431.	5490.	14328.	3649.	0.	800.	0.	206144.	650.
1966	9	.63	20929.	4536.	1406.	362824.	31194.	11714.	4581.	0.	654.	0.	222449.	650.
1966	10	.60	469.	6838.	1406.	354455.	1424.	11378.	8750.	0.	635.	0.	205151.	650.
1966	11	.58	0.	2428.	1406.	350026.	189.	10414.	7236.	0.	581.	0.	189095.	650.
1966	12	.56	0.	4125.	1406.	343901.	0.	10330.	4293.	0.	576.	0.	175878.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.55	0.	2554.	1406.	339347.	11.	10120.	1009.	0.	565.	0.	166166.	650.
1967	2	.53	146.	1015.	1406.	336478.	726.	9282.	2942.	0.	518.	0.	156074.	650.
1967	3	.51	0.	1514.	1406.	332965.	2978.	11253.	4886.	0.	628.	0.	144319.	650.
1967	4	.50	626.	2840.	1406.	328751.	5725.	11784.	5776.	0.	658.	0.	133891.	650.
1967	5	.50	4246.	2330.	1406.	328667.	14105.	12189.	3301.	0.	680.	0.	133911.	650.
1967	6	.46	0.	10202.	1406.	316465.	0.	12651.	9469.	0.	706.	0.	113198.	650.
1967	7	.42	11.	12364.	1406.	302112.	0.	14342.	9083.	0.	800.	0.	91179.	650.
1967	8	.45	8928.	8071.	1406.	300969.	41103.	14328.	546.	0.	800.	0.	118815.	650.
1967	9	.94	339587.	3473.	1406.	635083.	1392125.	11714.	-5005.	0.	654.	1268164.	237473.	1180042.
1967	10	.96	24578.	3199.	1406.	654462.	182132.	11378.	578.	0.	635.	171582.	237473.	160221.
1967	11	.97	13260.	2496.	1406.	663227.	15874.	10414.	4419.	0.	581.	2447.	237473.	2925.
1967	12	.97	2223.	1503.	1406.	661946.	23723.	10330.	4235.	0.	576.	10564.	237473.	10474.
1968	1	1.00	95143.	1544.	46561.	689314.	150581.	10120.	-578.	0.	565.	187599.	237473.	175117.
1968	2	1.00	9962.	-1544.	8089.	689314.	28779.	9282.	578.	0.	518.	27008.	237473.	25768.
1968	3	1.00	8635.	515.	5709.	689314.	10619.	11253.	3650.	0.	628.	1425.	237473.	1975.
1968	4	1.00	6405.	1287.	3598.	689314.	10090.	11784.	3258.	0.	658.	0.	236119.	650.
1968	5	1.00	110820.	1801.	76640.	689314.	203818.	12189.	385.	0.	680.	266530.	237473.	248523.
1968	6	1.00	7493.	10013.	1406.	684794.	26124.	12651.	2118.	0.	706.	12762.	237473.	12519.
1968	7	1.00	17116.	11548.	1406.	688363.	18890.	14342.	4986.	0.	800.	968.	237473.	1550.
1968	8	.96	391.	12506.	1406.	674247.	4642.	14328.	12309.	0.	800.	0.	216884.	650.
1968	9	.96	3276.	1520.	1406.	674003.	14343.	11714.	6781.	0.	654.	0.	214138.	650.
1968	10	.95	128.	6560.	1406.	665571.	11916.	11378.	736.	0.	635.	0.	215345.	650.
1968	11	.93	0.	8498.	1406.	655073.	3199.	10414.	6874.	0.	581.	0.	202662.	650.
1968	12	.91	542.	4957.	1406.	648658.	6309.	10330.	3915.	0.	576.	0.	196133.	650.
1969	1	.90	77.	2465.	1406.	644270.	2235.	10120.	2978.	0.	565.	0.	186675.	650.
1969	2	.92	3657.	246.	1406.	645681.	18255.	9282.	-7865.	0.	518.	0.	204919.	650.
1969	3	.90	171.	6377.	1406.	637474.	703.	11253.	2316.	0.	628.	0.	193460.	650.
1969	4	.89	868.	1951.	1406.	634391.	10353.	11784.	3504.	0.	658.	0.	189931.	650.
1969	5	.90	2122.	-731.	1406.	635244.	25774.	12189.	2478.	0.	680.	0.	202443.	650.
1969	6	.88	142.	8726.	1406.	624660.	7705.	12651.	10859.	0.	706.	0.	188044.	650.
1969	7	.84	0.	16476.	1406.	606184.	6979.	14342.	9518.	0.	800.	0.	172570.	650.
1969	8	.80	1233.	15242.	1406.	590174.	243.	14328.	4765.	0.	800.	0.	155126.	650.
1969	9	.79	916.	5098.	1406.	583992.	8103.	11714.	6767.	0.	654.	0.	146154.	650.
1969	10	.90	51775.	9674.	1406.	624093.	78055.	11378.	7267.	0.	635.	0.	206969.	650.
1969	11	.93	12341.	7240.	1406.	627194.	71630.	10414.	0.	0.	581.	32118.	237473.	30519.
1969	12	.93	3358.	5547.	1406.	623005.	39811.	10330.	2888.	0.	576.	27999.	237473.	26689.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1970	1	.93	1710.	2403.	1406.	620311.	9766.	10120.	-385.	0.	565.	1437.	237473.	1986.
1970	2	.91	811.	3591.	1406.	615531.	5172.	9282.	2675.	0.	518.	0.	232095.	650.
1970	3	.92	6292.	4775.	1406.	615048.	24066.	11253.	3263.	0.	628.	5578.	237473.	5837.
1970	4	.90	486.	5944.	1406.	607590.	3688.	11784.	5302.	0.	658.	0.	225481.	650.
1970	5	.94	36107.	7684.	1406.	634013.	64168.	12189.	-1348.	0.	680.	42740.	237473.	40399.
1970	6	.96	29094.	13481.	1406.	647627.	157117.	12651.	1925.	0.	706.	143947.	237473.	134521.
1970	7	.92	1107.	12989.	1406.	633745.	5205.	14342.	10854.	0.	800.	0.	218888.	650.
1970	8	.90	1899.	9926.	1406.	623718.	12541.	14328.	8579.	0.	800.	0.	209928.	650.
1970	9	.90	7595.	-11908.	1406.	641222.	185.	11714.	3587.	0.	654.	0.	196218.	650.
1970	10	.90	3504.	7334.	1406.	635391.	22639.	11378.	7438.	0.	635.	0.	201447.	650.
1970	11	.88	396.	7279.	1406.	626508.	1254.	10414.	6498.	0.	581.	0.	187195.	650.
1970	12	.86	372.	6494.	1406.	618386.	4778.	10330.	4467.	0.	576.	0.	178582.	650.
1971	1	.84	349.	6678.	1406.	610057.	1278.	10120.	5037.	0.	565.	0.	166109.	650.
1971	2	.82	33.	5440.	1406.	602650.	511.	9282.	3748.	0.	518.	0.	154996.	650.
1971	3	.79	0.	10532.	1406.	590118.	20.	11253.	6990.	0.	628.	0.	138179.	650.
1971	4	.77	0.	7172.	1406.	580946.	10911.	11784.	4377.	0.	658.	0.	134335.	650.
1971	5	.74	0.	8925.	1406.	570021.	54.	12189.	6109.	0.	680.	0.	117496.	650.
1971	6	.72	3185.	7707.	1406.	563498.	0.	12651.	5496.	0.	706.	0.	100755.	650.
1971	7	.85	5500.	16150.	1406.	550849.	300281.	14342.	14052.	0.	800.	136575.	237473.	127665.
1971	8	1.00	290383.	4889.	103361.	689314.	415914.	14328.	-4235.	0.	800.	509182.	237473.	474190.
1971	9	1.00	23578.	-515.	16937.	689314.	608695.	11714.	-20406.	0.	654.	634324.	237473.	590572.
1971	10	1.00	116320.	1287.	80868.	689314.	830575.	11378.	-578.	0.	635.	900643.	237473.	838248.
1971	11	1.00	15576.	6948.	6066.	689314.	75047.	10414.	6160.	0.	581.	64538.	237473.	60671.
1971	12	1.00	7241.	2573.	3281.	689314.	23125.	10330.	1348.	0.	576.	14729.	237473.	14348.
1972	1	1.00	4631.	2059.	1808.	689314.	16951.	10120.	1540.	0.	565.	7099.	237473.	7252.
1972	2	1.00	3483.	3342.	1406.	687455.	8422.	9282.	2683.	0.	518.	0.	235336.	650.
1972	3	.98	1924.	7675.	1406.	679704.	6502.	11253.	5485.	0.	628.	0.	226507.	650.
1972	4	.95	1135.	8370.	1406.	670470.	0.	11784.	2969.	0.	658.	0.	213161.	650.
1972	5	1.00	20067.	2036.	1406.	686501.	152097.	12189.	-4428.	0.	680.	121429.	237473.	113579.
1972	6	.99	2096.	7159.	1406.	679438.	11320.	12651.	4012.	0.	706.	0.	233536.	650.
1972	7	.96	386.	8617.	1406.	669207.	4209.	14342.	6179.	0.	800.	0.	218630.	650.
1972	8	.95	3247.	9793.	1406.	660662.	19160.	14328.	8270.	0.	800.	0.	216599.	650.
1972	9	.98	23639.	7052.	1406.	675249.	30552.	11714.	4487.	0.	654.	0.	232356.	650.
1972	10	.96	2430.	8338.	1406.	667340.	4828.	11378.	2642.	0.	635.	0.	224569.	650.
1972	11	.94	1137.	2764.	1406.	663714.	0.	10414.	3513.	0.	581.	0.	212048.	650.
1972	12	.93	1565.	4503.	1406.	658775.	0.	10330.	3785.	0.	576.	0.	199339.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1973	1	.91	2164.	1496.	1406.	657443.	0.	10120.	1588.	0.	565.	0.	189036.	650.
1973	2	.91	3352.	-499.	1406.	659294.	0.	9282.	347.	0.	518.	0.	180814.	650.
1973	3	.89	2467.	5728.	1406.	654033.	4138.	11253.	4233.	0.	628.	0.	170872.	650.
1973	4	.90	8327.	2240.	1406.	658120.	16349.	11784.	3029.	0.	658.	0.	173815.	650.
1973	5	.87	1626.	10172.	1406.	647574.	4294.	12189.	5808.	0.	680.	0.	161518.	650.
1973	6	.98	29452.	2249.	1406.	672777.	248540.	12651.	-23871.	0.	706.	185212.	237473.	172897.
1973	7	1.00	106563.	10808.	55690.	689314.	38985.	14342.	9240.	0.	800.	71093.	237473.	66766.
1973	8	1.00	22079.	9264.	9009.	689314.	13921.	14328.	2695.	0.	800.	5907.	237473.	6143.
1973	9	1.00	45440.	3088.	29774.	689314.	36310.	11714.	-2888.	0.	654.	57257.	237473.	53899.
1973	10	1.00	87828.	3088.	59572.	689314.	394483.	11378.	-7893.	0.	635.	450570.	237473.	419680.
1973	11	1.00	15714.	8235.	5258.	689314.	59692.	10414.	6738.	0.	581.	47798.	237473.	45102.
1973	12	1.00	8399.	8227.	1406.	687486.	19639.	10330.	6720.	0.	576.	3995.	237473.	4365.
1974	1	1.00	7266.	2058.	2376.	689314.	7505.	10120.	-193.	0.	565.	0.	237426.	650.
1974	2	.98	5165.	7958.	1406.	684521.	0.	9282.	6043.	0.	518.	0.	223507.	650.
1974	3	1.00	14442.	3344.	4432.	689314.	37816.	11253.	-2503.	0.	628.	19532.	237473.	18815.
1974	4	.98	3030.	8970.	1406.	681374.	3992.	11784.	7915.	0.	658.	0.	223172.	650.
1974	5	.98	10227.	7151.	1406.	682450.	17679.	12189.	4857.	0.	680.	0.	225211.	650.
1974	6	.95	3596.	12451.	1406.	671595.	2196.	12651.	3517.	0.	706.	0.	212645.	650.
1974	7	.91	722.	15043.	1406.	655273.	1080.	14342.	11512.	0.	800.	0.	189278.	650.
1974	8	.99	31134.	6288.	1406.	678119.	83900.	14328.	2803.	0.	800.	19980.	237473.	19231.
1974	9	1.00	71154.	7463.	36905.	689314.	121077.	11714.	-1540.	0.	654.	147808.	237473.	138111.
1974	10	.99	8348.	5404.	2070.	689314.	7271.	11378.	4949.	0.	635.	0.	230486.	650.
1974	11	1.00	7564.	2831.	3328.	689314.	17467.	10414.	2672.	0.	581.	722.	237473.	1321.
1974	12	1.00	6587.	3345.	2279.	689314.	6655.	10330.	2106.	0.	576.	0.	233970.	650.
1975	1	.99	6410.	4117.	1612.	689314.	5940.	10120.	2279.	0.	565.	0.	229123.	650.
1975	2	1.00	21313.	4117.	12089.	689314.	5572.	9282.	3981.	0.	518.	0.	233521.	650.
1975	3	.98	5529.	7703.	1406.	685140.	4898.	11253.	6015.	0.	628.	0.	222557.	650.
1975	4	.96	5538.	7161.	1406.	681516.	5280.	11784.	6796.	0.	658.	0.	210663.	650.
1975	5	1.00	55024.	4375.	30125.	689314.	74587.	12189.	4813.	0.	680.	60900.	237473.	57287.
1975	6	1.00	21938.	7977.	9814.	689314.	108813.	12651.	6545.	0.	706.	99432.	237473.	93121.
1975	7	1.00	9641.	10024.	1406.	686931.	65134.	14342.	6545.	0.	800.	45653.	237473.	43107.
1975	8	.98	4389.	11244.	1406.	678076.	13244.	14328.	3063.	0.	800.	0.	234732.	650.
1975	9	.98	8953.	8389.	1406.	676641.	8359.	11714.	4736.	0.	654.	0.	228047.	650.
1975	10	.95	4208.	8861.	1406.	669988.	3222.	11378.	7588.	0.	635.	0.	213708.	650.
1975	11	.94	3788.	8301.	1406.	663475.	11398.	10414.	6728.	0.	581.	0.	209370.	650.
1975	12	.93	3601.	4507.	1406.	660569.	0.	10330.	3231.	0.	576.	0.	197215.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.91	3760.	5739.	1406.	656590.	4060.	10120.	4385.	0.	565.	0.	188176.	650.
1976	2	.89	2127.	7691.	1406.	649027.	0.	9282.	5476.	0.	518.	0.	174824.	650.
1976	3	.87	1834.	6650.	1406.	642211.	0.	11253.	4817.	0.	628.	0.	160160.	650.
1976	4	.89	20234.	1980.	1406.	658465.	13739.	11784.	-4162.	0.	658.	0.	167684.	650.
1976	5	.97	59994.	4357.	17426.	689314.	33205.	12189.	174.	0.	680.	0.	205951.	650.
1976	6	.94	6324.	14083.	1406.	679555.	1091.	12651.	5843.	0.	706.	0.	189955.	650.
1976	7	1.00	65453.	4375.	36078.	689314.	89824.	14342.	-7123.	0.	800.	71165.	237473.	66833.
1976	8	1.00	17934.	14925.	2115.	689314.	55173.	14328.	11551.	0.	800.	31410.	237473.	29861.
1976	9	1.00	9256.	7462.	1406.	689108.	96730.	11714.	5390.	0.	654.	81032.	237473.	76010.
1976	10	1.00	40525.	3345.	25993.	689314.	124642.	11378.	-4043.	0.	635.	143299.	237473.	133918.
1976	11	1.00	32483.	772.	22293.	689314.	243951.	10414.	-3273.	0.	581.	259103.	237473.	241615.
1976	12	1.00	21599.	772.	14641.	689314.	97225.	10330.	-2695.	0.	576.	104231.	237473.	97585.
1977	1	1.00	16730.	-772.	12304.	689314.	35617.	10120.	-385.	0.	565.	38186.	237473.	36163.
1977	2	1.00	13571.	4375.	6465.	689314.	20144.	9282.	1925.	0.	518.	15402.	237473.	14974.
1977	3	1.00	11776.	6691.	3575.	689314.	14179.	11253.	5179.	0.	628.	1323.	237473.	1880.
1977	4	1.00	111433.	515.	77976.	689314.	198831.	11784.	3080.	0.	658.	261943.	237473.	244257.
1977	5	1.00	33294.	5147.	19788.	689314.	66408.	12189.	3465.	0.	680.	70541.	237473.	66253.
1977	6	1.00	12575.	9521.	2147.	689314.	27814.	12651.	7123.	0.	706.	10187.	237473.	10124.
1977	7	.96	5795.	17631.	1406.	675478.	5700.	14342.	12321.	0.	800.	0.	217916.	650.
1977	8	.92	2698.	19358.	1406.	656819.	1209.	14328.	13203.	0.	800.	0.	192999.	650.
1977	9	.88	3541.	14600.	1406.	643760.	527.	11714.	7051.	0.	654.	0.	176168.	650.
1977	10	.87	8591.	10306.	1406.	640045.	3676.	11378.	3190.	0.	635.	0.	166681.	650.
1977	11	.87	9593.	6372.	1406.	641267.	11486.	10414.	4300.	0.	581.	0.	164860.	650.
1977	12	.85	5980.	7100.	1406.	638147.	3162.	10330.	4866.	0.	576.	0.	154232.	650.
1978	1	.85	5806.	2202.	1406.	639751.	3460.	10120.	478.	0.	565.	0.	148499.	650.
1978	2	.84	4363.	2448.	1406.	639666.	2605.	9282.	1093.	0.	518.	0.	142135.	650.
1978	3	.82	3175.	9265.	1406.	631576.	2511.	11253.	5859.	0.	628.	0.	128941.	650.
1978	4	.80	2327.	7740.	1406.	624163.	2825.	11784.	3907.	0.	658.	0.	117481.	650.
1978	5	.78	2174.	10545.	1406.	613792.	6305.	12189.	6512.	0.	680.	0.	106491.	650.
1978	6	.88	61248.	8564.	1406.	664476.	60626.	12651.	4566.	0.	706.	0.	151306.	650.
1978	7	.84	1979.	15689.	1406.	648766.	5918.	14342.	11696.	0.	800.	0.	132592.	650.
1978	8	.91	53621.	10090.	2097.	689314.	42129.	14328.	8436.	0.	800.	0.	154055.	650.
1978	9	.97	22565.	3603.	13331.	689314.	49909.	11714.	171.	0.	654.	0.	205409.	650.
1978	10	.94	1915.	7945.	1406.	681284.	704.	11378.	3734.	0.	635.	0.	192407.	650.
1978	11	.93	2640.	3059.	1406.	678865.	5503.	10414.	3311.	0.	581.	0.	185591.	650.
1978	12	.92	2510.	3559.	1406.	675817.	1894.	10330.	2401.	0.	576.	0.	176160.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI							B & E
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1979	1	.92	5066.	254.	1406.	678629.	7516.	10120.	-1706.	0.	565.	0.	176667.	650.
1979	2	.92	3035.	2035.	1406.	677628.	2342.	9282.	338.	0.	518.	0.	170795.	650.
1979	3	.91	11232.	5604.	1406.	681256.	32.	11253.	2479.	0.	628.	0.	158501.	650.
1979	4	.96	31868.	1544.	15653.	689314.	40147.	11784.	172.	0.	658.	0.	202346.	650.
1979	5	.97	10600.	6433.	2929.	689314.	20246.	12189.	1991.	0.	680.	0.	211341.	650.
1979	6	1.00	79525.	7720.	50479.	689314.	162327.	12651.	8663.	0.	706.	165360.	237473.	154435.
1979	7	.99	9577.	10023.	1406.	686868.	5125.	14342.	2283.	0.	800.	0.	227379.	650.
1979	8	.95	2451.	13767.	1406.	673552.	4652.	14328.	8837.	0.	800.	0.	210272.	650.
1979	9	.93	1561.	9325.	1406.	663788.	1445.	11714.	-362.	0.	654.	0.	201771.	650.
1979	10	.90	962.	14188.	1406.	648561.	2473.	11378.	9434.	0.	635.	0.	184838.	650.
1979	11	.87	1113.	7625.	1406.	640049.	0.	10414.	6102.	0.	581.	0.	169728.	650.
1979	12	.86	2612.	3668.	1406.	636993.	3972.	10330.	2818.	0.	576.	0.	161958.	650.
1980	1	.86	3083.	1465.	1406.	636612.	0.	10120.	-4278.	0.	565.	0.	157521.	650.
1980	2	.84	1479.	3653.	1406.	632438.	0.	9282.	1597.	0.	518.	0.	148049.	650.
1980	3	.82	538.	7740.	1406.	623236.	0.	11253.	4744.	0.	628.	0.	133457.	650.
1980	4	.78	246.	11001.	1406.	610481.	0.	11784.	6804.	0.	658.	0.	116275.	650.
1980	5	1.00	96850.	3982.	9867.	689314.	129578.	12189.	3406.	0.	680.	2652.	237473.	3116.
1980	6	.99	8591.	18923.	1406.	676982.	30987.	12651.	14872.	0.	706.	4871.	237473.	5180.
1980	7	.93	9.	20356.	1406.	654635.	3035.	14342.	16437.	0.	800.	0.	211135.	650.
1980	8	.99	36246.	8308.	1406.	680573.	314054.	14328.	-385.	0.	800.	275180.	237473.	256567.
1980	9	1.00	17144.	8445.	1406.	687271.	20357.	11714.	-963.	0.	654.	11012.	237473.	10891.
1980	10	.97	9251.	10256.	1406.	684266.	371.	11378.	8630.	0.	635.	0.	219241.	650.
1980	11	.96	820.	2555.	1406.	680531.	735.	10414.	1471.	0.	581.	0.	209498.	650.
1980	12	.95	735.	3562.	1406.	675705.	4956.	10330.	3427.	0.	576.	0.	202103.	650.
1981	1	.94	1607.	1521.	1406.	673790.	1363.	10120.	-893.	0.	565.	0.	195645.	650.
1981	2	.93	822.	2781.	1406.	669831.	1081.	9282.	352.	0.	518.	0.	188498.	650.
1981	3	.91	1980.	3526.	1406.	666285.	2304.	11253.	1555.	0.	628.	0.	179401.	650.
1981	4	.91	20377.	4051.	1406.	680611.	2124.	11784.	4042.	0.	658.	0.	167105.	650.
1981	5	1.00	45909.	3603.	23623.	689314.	169403.	12189.	-3080.	0.	680.	113549.	237473.	106251.
1981	6	1.00	130166.	4117.	88612.	689314.	350103.	12651.	-5390.	0.	706.	431455.	237473.	401903.
1981	7	1.00	29639.	11837.	12515.	689314.	139864.	14342.	2888.	0.	800.	135149.	237473.	126339.
1981	8	.99	5895.	10515.	1406.	682694.	16755.	14328.	4027.	0.	800.	0.	237280.	650.
1981	9	.98	5402.	11707.	1406.	674389.	67608.	11714.	10203.	0.	654.	46904.	237473.	44270.
1981	10	1.00	52596.	4375.	23407.	689314.	73254.	11378.	193.	0.	635.	85090.	237473.	79784.
1981	11	1.00	7109.	6941.	1406.	687482.	43940.	10414.	6160.	0.	581.	28772.	237473.	27408.
1981	12	.99	5966.	5646.	1406.	685802.	9648.	10330.	3825.	0.	576.	0.	234372.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1982	1	.99	6079.	5892.	1406.	683989.	8731.	10120.	5117.	0.	565.	0.	229272.	650.
1982	2	.99	5391.	513.	1406.	686867.	9721.	9282.	-190.	0.	518.	0.	231307.	650.
1982	3	.98	5040.	5384.	1406.	684523.	9631.	11253.	3964.	0.	628.	0.	227127.	650.
1982	4	.97	4327.	3583.	1406.	683267.	4747.	11784.	2800.	0.	658.	0.	218695.	650.
1982	5	1.00	13401.	4619.	1923.	689314.	95645.	12189.	-578.	0.	680.	67178.	237473.	63126.
1982	6	.98	4917.	11529.	1406.	680702.	14920.	12651.	10786.	0.	706.	0.	230362.	650.
1982	7	.93	2858.	20209.	1406.	661351.	2304.	14342.	15673.	0.	800.	0.	204057.	650.
1982	8	.89	1687.	17361.	1406.	643677.	3035.	14328.	13877.	0.	800.	0.	180293.	650.
1982	9	.86	1809.	12699.	1406.	630788.	7407.	11714.	10868.	0.	654.	0.	166525.	650.
1982	10	.87	12674.	244.	1406.	641218.	14384.	11378.	4963.	0.	635.	0.	165973.	650.
1982	11	.86	705.	2692.	1406.	637231.	6182.	10414.	2796.	0.	581.	0.	160351.	650.
1982	12	.84	1341.	5113.	1406.	631459.	4029.	10330.	3857.	0.	576.	0.	151599.	650.
1983	1	.83	1733.	2909.	1406.	628283.	0.	10120.	2499.	0.	565.	0.	140386.	650.
1983	2	.82	2170.	0.	1406.	628453.	525.	9282.	-305.	0.	518.	0.	133340.	650.
1983	3	.81	2359.	2418.	1406.	626395.	7519.	11253.	2824.	0.	628.	0.	128188.	650.
1983	4	.78	670.	11516.	1406.	613549.	139.	11784.	6966.	0.	658.	0.	110983.	650.
1983	5	.76	0.	7824.	1406.	603724.	4561.	12189.	5352.	0.	680.	0.	99409.	650.
1983	6	.75	9527.	8956.	1406.	602295.	0.	12651.	0.	0.	706.	0.	88165.	650.
1983	7	.72	321.	11228.	1406.	589388.	3608.	14342.	4561.	0.	800.	0.	74276.	650.
1983	8	.69	39.	11073.	1406.	576354.	6850.	14328.	5520.	0.	800.	0.	62684.	650.
1983	9	.75	16923.	7818.	1406.	583459.	65388.	11714.	3570.	0.	654.	0.	114194.	650.
1983	10	.75	659.	5520.	1406.	576598.	18722.	11378.	3121.	0.	635.	0.	119823.	650.
1983	11	.74	73.	3883.	1406.	570788.	8509.	10414.	4393.	0.	581.	0.	114931.	650.
1983	12	.72	49.	4085.	1406.	564752.	0.	10330.	2488.	0.	576.	0.	103519.	650.
1984	1	.72	0.	1355.	1406.	561398.	7603.	10120.	-135.	0.	565.	0.	102542.	650.
1984	2	.70	0.	4939.	1406.	554459.	1996.	9282.	3044.	0.	518.	0.	93619.	650.
1984	3	.68	0.	7569.	1406.	544890.	2538.	11253.	4548.	0.	628.	0.	81762.	650.
1984	4	.65	0.	10566.	1406.	532324.	0.	11784.	5152.	0.	658.	0.	66233.	650.
1984	5	.62	0.	9782.	1406.	520542.	7077.	12189.	4364.	0.	680.	0.	58163.	650.
1984	6	.61	0.	13502.	1406.	505040.	13595.	12651.	3351.	0.	706.	0.	57162.	650.
1984	7	.59	19.	12027.	1406.	491031.	12735.	14342.	4281.	0.	800.	0.	52681.	650.
1984	8	.55	0.	15765.	1406.	473266.	3304.	14328.	4657.	0.	800.	0.	38406.	650.
1984	9	.52	0.	12231.	1406.	459035.	1469.	11714.	2388.	0.	654.	0.	27179.	650.
1984	10	.61	59683.	1460.	1406.	515258.	34076.	11378.	-887.	0.	635.	0.	52170.	650.
1984	11	.61	0.	3214.	1406.	510044.	12534.	10414.	1298.	0.	581.	0.	54398.	650.
1984	12	.60	0.	1706.	1406.	506338.	5161.	10330.	605.	0.	576.	0.	50031.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1985	1	.63	27754.	647.	1406.	531445.	12265.	10120.	-994.	0.	565.	0.	54576.	650.
1985	2	.63	1210.	1528.	1406.	529127.	3646.	9282.	-537.	0.	518.	0.	50883.	650.
1985	3	.64	3654.	1526.	1406.	529255.	20293.	11253.	713.	0.	628.	0.	60616.	650.
1985	4	.69	6998.	2183.	1406.	532069.	51955.	11784.	-5908.	0.	658.	0.	108101.	650.
1985	5	.78	5492.	4153.	1406.	531408.	96893.	12189.	953.	0.	680.	0.	193258.	650.
1985	6	.83	2759.	-4382.	1406.	536549.	49767.	12651.	2736.	0.	706.	0.	229044.	650.
1985	7	.83	8911.	12267.	1406.	531193.	43836.	14342.	12012.	0.	800.	10459.	237473.	10376.
1985	8	.78	687.	16666.	1406.	513214.	1569.	14328.	14082.	0.	800.	0.	212038.	650.
1985	9	.78	21947.	4539.	1406.	528622.	0.	11714.	5382.	0.	654.	0.	196348.	650.
1985	10	.90	71023.	2930.	1406.	594715.	74059.	11378.	189.	0.	635.	22772.	237473.	21828.
1985	11	.91	8123.	-2112.	1406.	602950.	108345.	10414.	-770.	0.	581.	100107.	237473.	93750.
1985	12	.90	551.	3291.	1406.	598209.	13395.	10330.	3457.	0.	576.	1014.	237473.	1593.
1986	1	.88	1274.	3276.	1406.	594207.	0.	10120.	3603.	0.	565.	0.	225156.	650.
1986	2	.87	0.	5118.	1406.	587089.	6277.	9282.	2057.	0.	518.	0.	221500.	650.
1986	3	.84	0.	9214.	1406.	575876.	0.	11253.	7828.	0.	628.	0.	203826.	650.
1986	4	.81	0.	7516.	1406.	566359.	1478.	11784.	6522.	0.	658.	0.	188404.	650.
1986	5	.80	1410.	2488.	1406.	563281.	1039.	12189.	4792.	0.	680.	0.	173868.	650.
1986	6	.86	39629.	-2770.	1406.	603680.	32572.	12651.	3269.	0.	706.	0.	191927.	650.
1986	7	.81	1416.	16595.	1406.	586502.	2372.	14342.	14180.	0.	800.	0.	167183.	650.
1986	8	.77	1204.	15837.	1406.	569868.	1339.	14328.	9265.	0.	800.	0.	146335.	650.
1986	9	.75	10707.	12935.	1406.	565640.	0.	11714.	5314.	0.	654.	0.	130713.	650.
1986	10	.82	64227.	-1406.	1406.	629273.	11889.	11378.	2083.	0.	635.	0.	130547.	650.
1986	11	.82	2730.	2903.	1406.	627100.	14966.	10414.	602.	0.	581.	0.	135903.	650.
1986	12	.87	31026.	-2948.	1406.	659074.	22184.	10330.	-1246.	0.	576.	0.	150409.	650.
1987	1	.88	11204.	2004.	1406.	666274.	10990.	10120.	1113.	0.	565.	0.	151572.	650.
1987	2	.90	5537.	-2774.	1406.	672585.	14970.	9282.	-3092.	0.	518.	0.	161758.	650.
1987	3	.90	8485.	5316.	1406.	673754.	15039.	11253.	4093.	0.	628.	0.	162857.	650.
1987	4	.88	5701.	9597.	1406.	667858.	0.	11784.	2739.	0.	658.	0.	149740.	650.
1987	5	.90	17295.	3040.	1406.	680112.	15801.	12189.	-2577.	0.	680.	0.	157335.	650.
1987	6	1.00	495187.	-3860.	344361.	689314.	131940.	12651.	-8085.	0.	706.	391598.	237473.	364836.
1987	7	1.00	78727.	12609.	46481.	689314.	70508.	14342.	8085.	0.	800.	94561.	237473.	88592.
1987	8	.98	20346.	17756.	1821.	689314.	10754.	14328.	13117.	0.	800.	0.	222603.	650.
1987	9	.98	11981.	10292.	1406.	689003.	18292.	11714.	9076.	0.	654.	0.	221510.	650.
1987	10	.96	6306.	14332.	1406.	678977.	5964.	11378.	5337.	0.	635.	0.	212165.	650.
1987	11	.96	7847.	4840.	1406.	679984.	7328.	10414.	1823.	0.	581.	0.	208662.	650.
1987	12	.95	8261.	3828.	1406.	682417.	3887.	10330.	3060.	0.	576.	0.	200565.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.95	8310.	4603.	1406.	684123.	2732.	10120.	2655.	0.	565.	0.	191927.	650.
1988	2	.94	7609.	4099.	1406.	685634.	783.	9282.	2260.	0.	518.	0.	182575.	650.
1988	3	.92	6073.	6657.	1406.	683050.	921.	11253.	4737.	0.	628.	0.	168912.	650.
1988	4	.90	3392.	6884.	1406.	677558.	2546.	11784.	6514.	0.	658.	0.	154566.	650.
1988	5	.88	6383.	5590.	1406.	676351.	0.	12189.	5295.	0.	680.	0.	138488.	650.
1988	6	.85	8164.	13662.	1406.	668853.	0.	12651.	6476.	0.	706.	0.	120767.	650.
1988	7	.84	23420.	11399.	1406.	678873.	0.	14342.	7433.	0.	800.	0.	100398.	650.
1988	8	.81	5157.	15435.	1406.	666595.	4366.	14328.	6963.	0.	800.	0.	84879.	650.
1988	9	.80	724.	10004.	1406.	655315.	8559.	11714.	335.	0.	654.	0.	82795.	650.
1988	10	.78	2390.	9408.	1406.	646297.	4748.	11378.	3516.	0.	635.	0.	74055.	650.
1988	11	.76	0.	9068.	1406.	635228.	9671.	10414.	3664.	0.	581.	0.	71053.	650.
1988	12	.76	0.	6068.	1406.	627161.	18030.	10330.	1801.	0.	576.	0.	78358.	650.
1989	1	.77	2578.	725.	1406.	627014.	15243.	10120.	651.	0.	565.	0.	84235.	650.
1989	2	.76	4085.	2899.	1406.	626200.	4197.	9282.	3192.	0.	518.	0.	77364.	650.
1989	3	.75	6267.	7473.	1406.	622994.	9523.	11253.	5918.	0.	628.	0.	71123.	650.
1989	4	.74	11752.	6749.	1406.	625997.	8649.	11784.	4951.	0.	658.	0.	64443.	650.
1989	5	.73	7638.	15850.	1406.	615785.	14432.	12189.	7055.	0.	680.	0.	61037.	650.
1989	6	.73	8904.	13332.	1406.	609357.	22324.	12651.	6309.	0.	706.	0.	65808.	650.
1989	7	.73	6907.	16742.	1406.	597522.	31430.	14342.	8082.	0.	800.	0.	76220.	650.
1989	8	.72	6922.	14918.	1406.	587526.	27912.	14328.	8983.	0.	800.	0.	82226.	650.
1989	9	.70	154.	12652.	1406.	573028.	13373.	11714.	8067.	0.	654.	0.	77224.	650.
1989	10	.69	1903.	8632.	1406.	564299.	13532.	11378.	3862.	0.	635.	0.	76922.	650.
1989	11	.69	1288.	3609.	1406.	559978.	10846.	10414.	2939.	0.	581.	0.	75821.	650.
1989	12	.69	74.	0.	1406.	558052.	11438.	10330.	1331.	0.	576.	0.	77004.	650.

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.033$	.071$	.067$	.067$	.106$	.174$	.172$	.094$	.085$	.061$	.037$	
MAX $	6678.$	8012.$	10532.$	11516.$	15850.$	18923.$	20356.$	19404.$	15826.$	14332.$	9157.$	8227.$	120821.$
MIN $	-6433.$	-4117.$	257.$	-5348.$	-6926.$	-12867.$	-3345.$	4889.$	-19300.$	-5147.$	-2455.$	-16061.$	18687.$
MEAN $	2513.$	2507.$	5501.$	5190.$	5165.$	8140.$	13410.$	13219.$	7266.$	6566.$	4661.$	2837.$	76976.$
GMEAN $	1088.$	619.$	4622.$	2697.$	1398.$	3348.$	11092.$	12499.$	2965.$	2854.$	2779.$	734.$	73574.$
MEDIAN$	2563.$	2706.$	5735.$	5272.$	5155.$	8645.$	12889.$	13962.$	8058.$	6878.$	4610.$	3560.$	78050.$
STDDEV$	2559.9$	2662.7$	2440.0$	3606.8$	4305.9$	5722.5$	4343.4$	4032.9$	6397.6$	4411.4$	2825.0$	3711.4$	20540.2$
SKEW $	-.06$	-.22$	-.29$	-.07$	.01$	-.26$	.36$	-.55$	-.37$	-.21$	.05$	-.58$	-.16$
CCR RELEASE-ADJ													
PER % $	.054$	.053$	.026$	.063$	.104$	.255$	.112$	.049$	.114$	.112$	.034$	.024$	
MAX $	70871.$	81426.$	13268.$	77976.$	98323.$	395159.$	100204.$	103361.$	74360.$	83719.$	25840.$	14641.$	598496.$
MIN $	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	16872.$
MEAN $	3995.$	3931.$	1905.$	4659.$	7723.$	18957.$	8331.$	3638.$	8494.$	8297.$	2534.$	1771.$	74235.$
GMEAN $	1842.$	1826.$	1617.$	1925.$	2456.$	2597.$	2276.$	1736.$	2441.$	2633.$	1732.$	1555.$	36918.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	17073.$
STDDEV$	10995.3$	11318.9$	1857.8$	13067.3$	18658.1$	69183.5$	20514.3$	13521.8$	18847.2$	17755.3$	4311.4$	1798.9$	110140.8$
SKEW $	.71$	.67$	.81$	.75$	1.02$	.76$	1.01$	.50$	1.13$	1.16$	.79$	.61$	1.56$
CCR E-O-M													
PER % $	.084$	.083$	.083$	.083$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	8238326.$
MIN $	307269.$	312439.$	307545.$	308495.$	328667.$	316465.$	302112.$	300969.$	315282.$	313394.$	314142.$	310044.$	4001912.$
MEAN $	612547.$	610370.$	605634.$	605944.$	614587.$	617854.$	610245.$	604802.$	611883.$	615263.$	612142.$	610931.$	7332202.$
GMEAN $	602719.$	600526.$	595686.$	596391.$	606128.$	608522.$	599811.$	593974.$	603028.$	606260.$	602922.$	601466.$	7237183.$
MEDIAN$	655440.$	650840.$	643171.$	640504.$	644916.$	662152.$	654255.$	648566.$	642553.$	645606.$	641979.$	647922.$	7799331.$
STDDEV$	97317.6$	97466.8$	97691.2$	96235.0$	91960.3$	95680.0$	100080.3$	101744.4$	93045.4$	93494.4$	94479.4$	95618.4$	1060409.0$
SKEW $	-1.32$	-1.25$	-1.15$	-1.08$	-.99$	-1.39$	-1.32$	-1.29$	-.99$	-.97$	-.95$	-1.16$	-1.32$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.081$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.074$	.074$	
MAX $	565.$	518.$	628.$	658.$	680.$	706.$	800.$	800.$	654.$	635.$	581.$	576.$	7800.$
MIN $	565.$	518.$	628.$	658.$	680.$	706.$	800.$	800.$	654.$	635.$	581.$	576.$	7800.$
MEAN $	565.$	518.$	628.$	658.$	680.$	706.$	800.$	800.$	654.$	635.$	581.$	576.$	7800.$

GMEAN $	565.$	518.$	628.$	658.$	680.$	706.$	800.$	799.$	654.$	635.$	581.$	576.$	7800.$
MEDIAN$	565.$	518.$	628.$	658.$	680.$	706.$	800.$	800.$	654.$	635.$	581.$	576.$	7800.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.074$	.074$	
MAX $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
MIN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
MEAN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
GMEAN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11379.$	10414.$	10330.$	139785.$
MEDIAN$	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.028$	.030$	.077$	.070$	.062$	.099$	.189$	.170$	.076$	.080$	.075$	.043$	
MAX $	5117.$	6043.$	7828.$	7915.$	9374.$	14872.$	16437.$	14500.$	11192.$	9434.$	7236.$	6720.$	76280.$
MIN $	-6160.$	-7865.$	-2503.$	-5908.$	-5583.$	-23871.$	-7123.$	-4235.$	-20406.$	-7893.$	-3273.$	-8796.$	5746.$
MEAN $	1323.$	1372.$	3581.$	3263.$	2894.$	4616.$	8803.$	7904.$	3522.$	3739.$	3473.$	1991.$	46482.$
GMEAN $	261.$	362.$	2186.$	1500.$	548.$	1957.$	6182.$	5001.$	811.$	1207.$	1654.$	755.$	42960.$
MEDIAN$	1564.$	1918.$	3692.$	3627.$	3827.$	5323.$	8885.$	8432.$	4534.$	3798.$	3810.$	2539.$	47100.$
STDDEV$	2290.3$	2563.5$	2023.5$	3074.4$	3617.5$	5526.8$	4586.1$	4236.5$	5519.4$	4177.4$	2438.0$	2646.5$	15817.6$
SKEW $	-.32$	-.64$	-.16$	-.35$	-.77$	-.38$	-.05$	-.37$	-.55$	-.04$	-.42$	-.62$	-.12$
LCC UNCTRL SPILLS													
PER % $	.036$	.025$	.010$	.038$	.124$	.201$	.095$	.048$	.201$	.168$	.043$	.011$	
MAX $	296504.$	362196.$	165959.$	261943.$	505250.$	1565645.$	491718.$	509182.$	1268164.$	900643.$	259103.$	104231.$	2404216.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	13504.$	9636.$	3756.$	14391.$	46985.$	76364.$	36148.$	18303.$	76233.$	63631.$	16477.$	4291.$	379719.$
GMEAN $	6.$	4.$	3.$	5.$	67.$	140.$	39.$	9.$	47.$	55.$	18.$	6.$	12806.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	165807.$
STDDEV$	48507.7$	49163.8$	22084.7$	45889.1$	96995.1$	223768.0$	86209.6$	76769.3$	202804.9$	153494.4$	44730.6$	15696.7$	525824.1$
SKEW $	.84$	.59$	.51$	.94$	1.45$	1.02$	1.26$	.72$	1.13$	1.24$	1.11$	.82$	1.22$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$
LCC E-O-M													
PER % $	.082$	.080$	.078$	.077$	.083$	.087$	.086$	.083$	.087$	.087$	.085$	.083$	
MAX $	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	2831179.$
MIN $	40145.$	32091.$	23447.$	23204.$	23463.$	23111.$	23179.$	29471.$	27179.$	43427.$	54398.$	49606.$	717560.$
MEAN $	183523.$	178047.$	173656.$	171955.$	185846.$	194772.$	191238.$	185010.$	192863.$	194400.$	189868.$	185667.$	2226843.$
GMEAN $	171663.$	164918.$	159789.$	158349.$	170043.$	179687.$	175434.$	168659.$	179322.$	182476.$	177951.$	173955.$	2122234.$
MEDIAN$	198530.$	192982.$	185709.$	179434.$	207087.$	230918.$	217564.$	210100.$	215055.$	214527.$	210773.$	200984.$	2390326.$
STDDEV$	53879.3$	55327.7$	56396.6$	55498.5$	59777.6$	59453.3$	59672.1$	59977.7$	56214.0$	54944.2$	55509.2$	54292.7$	562614.1$
SKEW $	-.84$	-.81$	-.64$	-.40$	-1.07$	-1.82$	-1.32$	-1.25$	-1.18$	-1.10$	-1.13$	-.85$	-.87$
TOTAL INFLOW TO THE BAY													
PER % $	.037$	.027$	.011$	.039$	.123$	.199$	.095$	.049$	.198$	.166$	.044$	.013$	
MAX $	276399.$	337492.$	154992.$	244257.$	470532.$	1456700.$	457948.$	474190.$	1180042.$	838248.$	241615.$	97585.$	2243721.$
MIN $	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
MEAN $	13209.$	9611.$	4143.$	14033.$	44346.$	71668.$	34267.$	17672.$	71546.$	59827.$	15974.$	4641.$	360939.$
GMEAN $	1246.$	1025.$	901.$	1260.$	3767.$	4941.$	2785.$	1424.$	3387.$	3551.$	1845.$	1105.$	117740.$
MEDIAN$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	162001.$
STDDEV$	45112.2$	45722.3$	20538.7$	42676.8$	90205.5$	208104.3$	80175.0$	71395.4$	188608.5$	142749.8$	41599.5$	14598.0$	489016.4$
SKEW $	.84$	.59$	.51$	.94$	1.45$	1.02$	1.26$	.72$	1.13$	1.24$	1.11$	.82$	1.22$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.075$	.074$	
MAX $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MIN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MEAN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
GMEAN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MEDIAN$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI							B & E	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75379.$	34139.$	659511.$	323703.$	139785.$	49220.$	0.$	7800.$	168837.$	237473.$	164819.$
1935$	899837.$	18687.$	598496.$	689314.$	1971228.$	139785.$	28245.$	0.$	7800.$	2404216.$	234952.$	2243721.$
1936$	282578.$	46375.$	166050.$	689314.$	749398.$	139785.$	25485.$	0.$	7800.$	747657.$	237473.$	703121.$
1937$	66555.$	84683.$	16872.$	647186.$	128035.$	139785.$	52805.$	0.$	7800.$	0.$	189790.$	7800.$
1938$	95147.$	102978.$	26824.$	601198.$	325114.$	139785.$	64843.$	0.$	7800.$	166254.$	170846.$	162416.$
1939$	76749.$	84067.$	16872.$	569880.$	269616.$	139785.$	65952.$	0.$	7800.$	39001.$	212596.$	44071.$
1940$	208894.$	65068.$	19836.$	685490.$	779993.$	139785.$	46917.$	0.$	7800.$	588250.$	237473.$	554873.$
1941$	446252.$	34042.$	294766.$	678403.$	994963.$	139785.$	18543.$	0.$	7800.$	1154018.$	214856.$	1081037.$
1942$	342179.$	55379.$	205439.$	672971.$	945113.$	139785.$	32151.$	0.$	7800.$	978598.$	214874.$	917896.$
1943$	71937.$	88250.$	16872.$	632658.$	161056.$	139785.$	54081.$	0.$	7800.$	0.$	198936.$	7800.$
1944$	131110.$	74297.$	16872.$	665471.$	630193.$	139785.$	47284.$	0.$	7800.$	448330.$	210602.$	424747.$
1945$	107492.$	90681.$	16872.$	658282.$	447692.$	139785.$	59256.$	0.$	7800.$	265757.$	210369.$	254954.$
1946$	323039.$	57769.$	172631.$	677989.$	1010103.$	139785.$	34057.$	0.$	7800.$	1000392.$	218869.$	938165.$
1947$	36172.$	88033.$	16872.$	602128.$	279647.$	139785.$	54069.$	0.$	7800.$	138175.$	183358.$	136303.$
1948$	42109.$	87942.$	16872.$	532295.$	115220.$	139785.$	51309.$	0.$	7800.$	0.$	124357.$	7800.$
1949$	218812.$	59865.$	16872.$	667242.$	757726.$	139785.$	43861.$	0.$	7800.$	487021.$	228288.$	460729.$
1950$	20676.$	103012.$	16872.$	560906.$	188694.$	139785.$	76280.$	0.$	7800.$	59382.$	158407.$	63026.$
1951$	153199.$	85119.$	16872.$	604986.$	338469.$	139785.$	63831.$	0.$	7800.$	98716.$	211416.$	99606.$
1952$	32784.$	87554.$	16872.$	526216.$	143335.$	139785.$	58870.$	0.$	7800.$	0.$	172969.$	7800.$
1953$	256286.$	79714.$	20332.$	673866.$	468874.$	139785.$	51260.$	0.$	7800.$	245588.$	225542.$	236197.$
1954$	34820.$	117866.$	16872.$	566819.$	226784.$	139785.$	75075.$	0.$	7800.$	75459.$	178879.$	77977.$
1955$	39869.$	120821.$	16872.$	461867.$	116167.$	139785.$	72973.$	0.$	7800.$	0.$	99160.$	7800.$
1956$	53601.$	102721.$	16872.$	388748.$	123426.$	139785.$	36929.$	0.$	7800.$	0.$	62744.$	7800.$
1957$	423638.$	73072.$	37977.$	685293.$	1248395.$	139785.$	43626.$	0.$	7800.$	938469.$	227237.$	880576.$
1958$	465123.$	52630.$	287156.$	689314.$	1254231.$	139785.$	26288.$	0.$	7800.$	1365078.$	237473.$	1277322.$
1959$	129998.$	89201.$	34437.$	681125.$	357269.$	139785.$	57935.$	0.$	7800.$	199874.$	231584.$	193683.$
1960$	92022.$	60132.$	16872.$	689015.$	415631.$	139785.$	31212.$	0.$	7800.$	255617.$	237473.$	245524.$
1961$	120225.$	76509.$	66490.$	638152.$	243964.$	139785.$	57438.$	0.$	7800.$	149299.$	201404.$	146648.$
1962$	9206.$	99359.$	16872.$	523998.$	55431.$	139785.$	63386.$	0.$	7800.$	0.$	70536.$	7800.$
1963$	29202.$	86029.$	16872.$	443172.$	144897.$	139785.$	42914.$	0.$	7800.$	0.$	49606.$	7800.$
1964$	24178.$	69255.$	61900.$	310044.$	431593.$	139785.$	24865.$	0.$	7800.$	163198.$	215251.$	159574.$
1965$	87626.$	44963.$	16872.$	328707.$	231794.$	139785.$	57617.$	0.$	7800.$	120240.$	146276.$	119623.$
1966$	79291.$	40096.$	16872.$	343901.$	307657.$	139785.$	31027.$	0.$	7800.$	124115.$	175878.$	123227.$
1967$	393605.$	51560.$	16872.$	661946.$	1678502.$	139785.$	41238.$	0.$	7800.$	1452756.$	237473.$	1358863.$
1968$	259911.$	59205.$	150438.$	648658.$	489310.$	139785.$	45012.$	0.$	7800.$	496292.$	196133.$	469351.$
1969$	76660.$	78313.$	16872.$	623005.$	269846.$	139785.$	45476.$	0.$	7800.$	60117.$	237473.$	63709.$
1970$	89373.$	69992.$	16872.$	618386.$	310579.$	139785.$	52855.$	0.$	7800.$	193702.$	178582.$	187943.$
1971$	462165.$	77786.$	220356.$	689314.$	2266411.$	139785.$	28100.$	0.$	7800.$	2259991.$	237473.$	2109592.$
1972$	65740.$	71706.$	17274.$	658775.$	254041.$	139785.$	41137.$	0.$	7800.$	128528.$	199339.$	127331.$
1973$	333411.$	64095.$	169145.$	687486.$	836351.$	139785.$	5746.$	0.$	7800.$	821831.$	237473.$	772103.$

1974$	169235.$	82307.$	59825.$	689314.$	306638.$	139785.$	42139.$	0.$	7800.$	188042.$	233970.$	182679.$
1975$	150332.$	86776.$	64887.$	660569.$	306447.$	139785.$	62320.$	0.$	7800.$	205984.$	197215.$	199365.$
1976$	281523.$	72149.$	126982.$	689314.$	759640.$	139785.$	16340.$	0.$	7800.$	690239.$	237473.$	649722.$
1977$	235577.$	100841.$	130690.$	638147.$	388753.$	139785.$	65318.$	0.$	7800.$	397581.$	154232.$	377551.$
1978$	164323.$	84707.$	29488.$	675817.$	184389.$	139785.$	52164.$	0.$	7800.$	0.$	176160.$	7800.$
1979$	159602.$	82187.$	81715.$	636993.$	250277.$	139785.$	41049.$	0.$	7800.$	165360.$	161958.$	161585.$
1980$	174992.$	100245.$	25333.$	675705.$	504073.$	139785.$	55763.$	0.$	7800.$	293713.$	202103.$	280953.$
1981$	307468.$	70621.$	159405.$	685802.$	877447.$	139785.$	23880.$	0.$	7800.$	840919.$	234372.$	789854.$
1982$	60229.$	89837.$	17389.$	631459.$	180736.$	139785.$	73935.$	0.$	7800.$	67178.$	151599.$	70276.$
1983$	34523.$	77230.$	16872.$	564752.$	115821.$	139785.$	40988.$	0.$	7800.$	0.$	103519.$	7800.$
1984$	59702.$	94117.$	16872.$	506338.$	102088.$	139785.$	32664.$	0.$	7800.$	0.$	50031.$	7800.$
1985$	159109.$	43237.$	16872.$	598209.$	476023.$	139785.$	31316.$	0.$	7800.$	134352.$	237473.$	132747.$
1986$	153623.$	68758.$	16872.$	659074.$	94116.$	139785.$	58267.$	0.$	7800.$	0.$	150409.$	7800.$
1987$	676877.$	76981.$	405317.$	682417.$	305473.$	139785.$	34690.$	0.$	7800.$	486159.$	200565.$	459928.$
1988$	71622.$	102878.$	16872.$	627161.$	52356.$	139785.$	51650.$	0.$	7800.$	0.$	78358.$	7800.$
1989$	58472.$	103580.$	16872.$	558052.$	182899.$	139785.$	61340.$	0.$	7800.$	0.$	77004.$	7800.$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$
1934$	90132.$	5515.$	650.$	11304.$	650.$	650.$	650.$	650.$	650.$	650.$	51646.$	1670.$	164819.$
1935$	650.$	2342.$	10183.$	44439.$	171065.$	1456700.$	88877.$	97647.$	331201.$	39318.$	650.$	650.$	2243721.$
1936$	650.$	650.$	650.$	650.$	83705.$	37827.$	306094.$	650.$	104081.$	155835.$	9198.$	3132.$	703121.$
1937$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1938$	77248.$	650.$	650.$	55557.$	23761.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	162416.$
1939$	650.$	650.$	650.$	650.$	650.$	15656.$	6896.$	650.$	7914.$	8404.$	650.$	650.$	44071.$
1940$	650.$	650.$	650.$	40814.$	58570.$	174620.$	211293.$	30081.$	650.$	945.$	17606.$	18344.$	554873.$
1941$	1389.$	69115.$	6473.$	151082.$	470532.$	116804.$	66688.$	650.$	186202.$	10802.$	650.$	650.$	1081037.$
1942$	650.$	650.$	650.$	650.$	650.$	650.$	457948.$	4633.$	419537.$	30578.$	650.$	650.$	917896.$
1943$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1944$	650.$	650.$	650.$	650.$	650.$	136489.$	650.$	650.$	281758.$	650.$	650.$	650.$	424747.$
1945$	650.$	650.$	650.$	70518.$	19308.$	18310.$	650.$	650.$	650.$	141618.$	650.$	650.$	254954.$
1946$	650.$	650.$	650.$	650.$	96867.$	98534.$	650.$	11003.$	241832.$	485380.$	650.$	650.$	938165.$
1947$	650.$	650.$	650.$	650.$	93287.$	9805.$	20539.$	7473.$	650.$	650.$	650.$	650.$	136303.$
1948$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1949$	650.$	650.$	650.$	136700.$	185473.$	58073.$	61958.$	13975.$	650.$	650.$	650.$	650.$	460729.$
1950$	650.$	650.$	650.$	650.$	650.$	55876.$	650.$	650.$	650.$	650.$	650.$	650.$	63026.$
1951$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	92456.$	650.$	650.$	650.$	99606.$
1952$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1953$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	167826.$	43778.$	18743.$	650.$	236197.$
1954$	650.$	650.$	650.$	650.$	650.$	650.$	70827.$	650.$	650.$	650.$	650.$	650.$	77977.$
1955$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1956$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1957$	650.$	650.$	650.$	650.$	367222.$	362058.$	650.$	650.$	39249.$	72627.$	34870.$	650.$	880576.$
1958$	276399.$	337492.$	154992.$	650.$	7394.$	12046.$	70576.$	650.$	15156.$	229176.$	166871.$	5920.$	1277322.$
1959$	11467.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	174320.$	2046.$	650.$	193683.$
1960$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	1536.$	128025.$	64241.$	46522.$	245524.$
1961$	32658.$	51187.$	650.$	650.$	650.$	46027.$	1996.$	10230.$	650.$	650.$	650.$	650.$	146648.$
1962$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1963$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1964$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	152424.$	650.$	650.$	159574.$
1965$	650.$	650.$	650.$	650.$	90501.$	22622.$	650.$	650.$	650.$	650.$	650.$	650.$	119623.$
1966$	650.$	650.$	650.$	650.$	94424.$	22302.$	650.$	650.$	650.$	650.$	650.$	650.$	123227.$
1967$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	1180042.$	160221.$	2925.$	10474.$	1358863.$
1968$	175117.$	25768.$	1975.$	650.$	248523.$	12519.$	1550.$	650.$	650.$	650.$	650.$	650.$	469351.$
1969$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	30519.$	26689.$	63709.$
1970$	1986.$	650.$	5837.$	650.$	40399.$	134521.$	650.$	650.$	650.$	650.$	650.$	650.$	187943.$
1971$	650.$	650.$	650.$	650.$	650.$	650.$	127665.$	474190.$	590572.$	838248.$	60671.$	14348.$	2109592.$
1972$	7252.$	650.$	650.$	650.$	113579.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	127331.$
1973$	650.$	650.$	650.$	650.$	650.$	172897.$	66766.$	6143.$	53899.$	419680.$	45102.$	4365.$	772103.$
1974$	650.$	650.$	18815.$	650.$	650.$	650.$	650.$	19231.$	138111.$	650.$	1321.$	650.$	182679.$

1975$	650.$	650.$	650.$	650.$	57287.$	93121.$	43107.$	650.$	650.$	650.$	650.$	650.$	199365.$
1976$	650.$	650.$	650.$	650.$	650.$	650.$	66833.$	29861.$	76010.$	133918.$	241615.$	97585.$	649722.$
1977$	36163.$	14974.$	1880.$	244257.$	66253.$	10124.$	650.$	650.$	650.$	650.$	650.$	650.$	377551.$
1978$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1979$	650.$	650.$	650.$	650.$	650.$	154435.$	650.$	650.$	650.$	650.$	650.$	650.$	161585.$
1980$	650.$	650.$	650.$	650.$	3116.$	5180.$	650.$	256567.$	10891.$	650.$	650.$	650.$	280953.$
1981$	650.$	650.$	650.$	650.$	106251.$	401903.$	126339.$	650.$	44270.$	79784.$	27408.$	650.$	789854.$
1982$	650.$	650.$	650.$	650.$	63126.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	70276.$
1983$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1984$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1985$	650.$	650.$	650.$	650.$	650.$	650.$	10376.$	650.$	650.$	21828.$	93750.$	1593.$	132747.$
1986$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1987$	650.$	650.$	650.$	650.$	650.$	364836.$	88592.$	650.$	650.$	650.$	650.$	650.$	459928.$
1988$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1989$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$

CONDITIONAL PROBABILITY MODELING BASE1 ** FINAL RUN **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$	-------$
1934$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1935$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1936$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1937$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1938$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1939$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1940$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1941$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1942$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1943$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1944$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1945$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1946$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1947$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1948$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1949$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1950$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1951$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1952$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1953$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1954$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1955$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1956$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1957$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1958$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1959$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1960$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1961$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1962$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1963$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1964$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1965$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1966$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1967$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1968$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1969$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1970$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1971$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1972$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1973$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1974$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

1975$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1976$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1977$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1978$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1979$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1980$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1981$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1982$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1983$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1984$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1985$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1986$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1987$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1988$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1989$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK	0
IBEG	1934
IEND	1989
ISKIP	0
LONGPR	1
MODE	0
KSIM	32
KZONE	0
FLIMIT	.05
RTNFLW	.06
ALOSS	.93
DEMAND	160000.
REQREL	2000.
BEDEMM	0.
TOTCAP	897127.
TOT5	627989.
TOT4	583133.
TOT3	448564.
TOT2	358851.
LCCMAX	212353.
LCC76	14973.
LCCMIN	0.
CCRMAX	684774.
CCR155	3177.
CCRMIN	3177.

DEMDIS :		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TRIGGERS		.70	.65	.50	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.
******** INPUT REDUCTIONS ********													
REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10
******** COMPUTED REDUCTION MULTIPLIERS ********													
REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.07$	.06$	.06$	.11$	.70$
2	.07$	.06$	.07$	.11$	.69$
3	.07$	.06$	.08$	.12$	.67$
4	.07$	.06$	.08$	.14$	.64$
5	.07$	.06$	.10$	.17$	.60$
6	.07$	.06$	.10$	.19$	.57$
7	.07$	.06$	.11$	.32$	.43$
8	.07$	.06$	.11$	.51$	.24$
9	.07$	.06$	.11$	.52$	.23$
10	.09$	.07$	.16$	.56$	.13$
11	.11$	.09$	.33$	.40$	.06$
12	.13$	.11$	.50$	.24$	.03$
13	.15$	.15$	.53$	.15$	.01$
14	.19$	.33$	.41$	.07$	.00$
15	.23$	.48$	.24$	.04$	.00$
16	.29$	.53$	.16$	.01$	.00$
17	.49$	.41$	.09$	.01$	.00$
18	.70$	.25$	.05$	.00$	.00$
19	.81$	.17$	.02$	.00$	.00$
20	.89$	.10$	.01$	.00$	.00$
21	.94$	.06$	.00$	.00$	.00$
22	.97$	.03$	.00$	.00$	.00$
23	.99$	.01$	.00$	.00$	.00$
24	.99$	.01$	.00$	.00$	.00$
25	1.00$	.00$	.00$	.00$	.00$
26	1.00$	.00$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$
32	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	204$	0$	87$	.304$	.000$	.129$
2$	100$	0$	90$	.149$	.000$	.134$
3$	36$	0$	100$	.054$	.000$	.149$
4$	14$	0$	112$	.021$	.000$	.167$
5$	3$	0$	125$	.004$	.000$	.186$
6$	1$	0$	139$	.001$	.000$	.207$
7$	0$	0$	153$	.000$	.000$	.228$
8$	0$	0$	169$	.000$	.000$	.251$
9$	0$	0$	174$	.000$	.000$	.259$
10$	0$	0$	176$	.000$	.000$	.262$
11$	0$	0$	176$	.000$	.000$	.262$
12$	0$	0$	176$	.000$	.000$	.262$
13$	0$	0$	176$	.000$	.000$	.262$
14$	0$	0$	176$	.000$	.000$	.262$
15$	0$	0$	176$	.000$	.000$	.262$
16$	0$	0$	176$	.000$	.000$	.262$
17$	0$	0$	176$	.000$	.000$	.262$
18$	0$	0$	176$	.000$	.000$	.262$
19$	0$	0$	176$	.000$	.000$	.262$
20$	0$	0$	176$	.000$	.000$	.262$
21$	0$	0$	176$	.000$	.000$	.262$
22$	0$	0$	176$	.000$	.000$	.262$
23$	0$	0$	177$	.000$	.000$	.263$
24$	0$	0$	179$	.000$	.000$	.266$
25$	0$	0$	179$	.000$	.000$	.266$
26$	0$	0$	179$	.000$	.000$	.266$
27$	0$	0$	180$	.000$	.000$	.268$
28$	0$	0$	181$	.000$	.000$	.269$
29$	0$	0$	181$	.000$	.000$	.269$
30$	0$	0$	183$	.000$	.000$	.272$
31$	0$	0$	183$	.000$	.000$	.272$
32$	0$	0$	188$	.000$	.000$	.280$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	4$	4$	4$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	6$	6$	4$	5$	2$	1$	0$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	3$	3$	4$	4$	6$	4$	2$	0$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	2$	2$	2$	2$	2$	5$	6$	2$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	4$	3$	3$	2$	3$	2$	3$	8$	8$	3$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	3$	4$	3$	3$	4$	6$	6$	6$	5$	9$	6$	3$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	6$	5$	5$	6$	4$	4$	5$	5$	6$	5$	5$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	0$	0$	1$	1$	0$	0$	0$	0$	0$	0$	1$	2$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	1$	2$	1$	2$	4$	2$	2$	3$	3$	3$	5$	3$	7$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	2$	2$	4$	4$	5$	7$	6$	6$	6$	5$	3$	6$	3$	7$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	6$	6$	5$	5$	5$	5$	6$	6$	6$	5$	4$	3$	7$	5$	7$	5$	3$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	1$	0$	1$	1$	1$	1$	1$	1$	1$	5$	5$	4$	2$	4$	4$	6$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	1$	2$	2$	2$	2$	2$	2$	2$	2$	1$	5$	5$	4$	2$	4$	4$	3$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
15$	2$	2$	2$	2$	2$	2$	2$	2$	2$	3$	2$	4$	6$	5$	3$	4$	4$	3$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
16$	0$	0$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	3$	7$	4$	3$	4$	4$	2$	6$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
17$	4$	4$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	1$	8$	6$	4$	5$	4$	2$	7$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$
18$	1$	1$	3$	3$	3$	3$	3$	3$	3$	2$	1$	1$	2$	2$	0$	6$	5$	3$	6$	6$	3$	6$	4$	2$	1$	1$	0$	0$	0$	0$	0$	0$
19$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	3$	2$	1$	6$	5$	3$	4$	6$	5$	6$	5$	2$	1$	1$	0$	0$	0$	0$	0$
20$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	3$	3$	1$	1$	3$	1$	1$	6$	4$	4$	2$	4$	5$	6$	5$	3$	1$	1$	1$	0$	0$	0$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	1$	2$	3$	0$	1$	3$	1$	1$	6$	4$	4$	2$	4$	4$	5$	4$	4$	1$	0$	0$	0$	0$

22$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 3$ 1$ 1$ 5$ 6$ 4$ 2$ 4$ 4$ 5$ 4$ 4$
1$ 0$ 1$ 0$
23$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 3$ 1$ 1$ 3$ 7$ 4$ 2$ 4$ 4$ 4$ 5$
4$ 1$ 0$ 1$
24$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 3$ 1$ 1$ 2$ 8$ 4$ 2$ 4$ 4$ 3$
5$ 4$ 1$ 1$
25$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 2$ 1$ 2$ 0$ 1$ 3$ 4$ 1$ 1$ 3$ 1$ 1$ 1$ 8$ 5$ 3$ 4$ 4$
3$ 7$ 5$ 2$
26$ 1$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 2$ 1$ 2$ 1$ 0$ 2$ 3$ 1$ 1$ 3$ 1$ 1$ 1$ 7$ 4$ 3$ 4$
4$ 2$ 7$ 5$
27$ 0$ 1$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 2$ 1$ 1$ 1$ 0$ 2$ 3$ 1$ 1$ 4$ 1$ 1$ 1$ 8$ 5$ 5$
7$ 5$ 5$ 8$
28$ 0$ 0$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 0$ 0$ 0$ 0$ 2$ 1$ 1$ 2$ 0$ 2$ 3$ 1$ 0$ 4$ 1$ 1$ 0$ 7$ 3$
2$ 5$ 1$ 3$
29$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 1$ 0$ 0$ 0$ 2$ 1$ 0$ 2$ 0$ 2$ 3$ 1$ 0$ 4$ 3$ 2$ 2$ 8$
5$ 4$ 8$ 6$
30$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 1$ 1$ 1$ 3$ 2$ 1$ 3$ 1$ 3$ 4$ 2$ 1$ 3$ 3$ 2$ 2$
7$ 7$ 6$ 8$
31$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 2$ 2$ 1$ 3$ 1$ 3$ 5$ 4$ 3$ 5$ 5$ 6$
6$ 8$ 8$ 8$
32$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 3$ 3$ 5$ 5$ 6$ 8$ 9$ 9$ 10$ 10$
11$ 12$ 14$ 14$

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0714$	.0714$	.0714$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.1071$	.1071$	.0714$	.0893$	.0357$	.0179$	.0000$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0536$	.0536$	.0714$	.0714$	.1071$	.0714$	.0357$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0357$	.0357$	.0357$	.0357$	.0357$	.0893$	.1071$	.0357$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0714$	.0536$	.0536$	.0357$	.0536$	.0357$	.0536$	.1429$	.1429$	.0536$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0536$	.0714$	.0536$	.0536$	.0714$	.1071$	.1071$	.1071$	.0893$	.1607$	.1071$	.0536$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.1071$	.0893$	.0893$	.1071$	.0714$	.0714$	.0893$	.0893$	.1071$	.0893$	.0893$	.1071$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0179$	.0357$	.0179$	.0357$	.0714$	.0357$	.0357$	.0536$	.0536$	.0536$	.0893$	.0536$	.1250$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$
11$	.0357$	.0357$	.0714$	.0714$	.0893$	.1250$	.1071$	.1071$	.1071$	.0893$	.0536$	.1071$	.0536$	.1250$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$
12$	.1071$	.1071$	.0893$	.0893$	.0893$	.0893$	.1071$	.1071$	.1071$	.0893$	.0714$	.0536$	.1250$	.0893$	.1250$	.0893$	.0536$	.0000$	.0179$	.0179$
13$	.0179$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0893$	.0893$	.0714$	.0357$	.0714$	.0714$	.1071$	.1250$	.0714$	.0179$	.0000$
14$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0893$	.0893$	.0714$	.0357$	.0714$	.0714$	.0536$	.1071$	.0714$	.0179$
15$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0536$	.0357$	.0714$	.1071$	.0893$	.0536$	.0714$	.0714$	.0536$	.1071$	.0714$
16$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0536$	.1250$	.0714$	.0536$	.0714$	.0714$	.0357$	.1071$
17$	.0714$	.0714$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0179$	.1429$	.1071$	.0714$	.0893$	.0714$	.0357$
18$	.0179$	.0179$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0179$	.0179$	.0357$	.0357$	.0000$	.1071$	.0893$	.0536$	.1071$	.1071$
19$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0536$	.0357$	.0179$	.1071$	.0893$	.0536$	.0714$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0536$	.0536$	.0179$	.0179$	.0536$	.0179$	.0179$	.1071$	.0714$	.0714$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.1071$	.0714$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.0893$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$
24$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$
25$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0179$	.0179$	.0536$
26$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$
27$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0179$
28$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0357$	.0000$	.0357$	.0536$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0000$	.0357$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0179$	.0536$	.0179$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0179$	.0536$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0536$	.0536$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.1250$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.0536$	.1071$	.0714$	.0357$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
19$	.1071$	.0893$	.1071$	.0893$	.0357$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
20$	.0357$	.0714$	.0893$	.1071$	.0893$	.0536$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$
21$	.0714$	.0357$	.0714$	.0714$	.0893$	.0714$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$
22$	.1071$	.0714$	.0357$	.0714$	.0714$	.0893$	.0714$	.0714$	.0179$	.0000$	.0179$	.0000$
23$	.0536$	.1250$	.0714$	.0357$	.0714$	.0714$	.0714$	.0893$	.0714$	.0179$	.0000$	.0179$
24$	.0179$	.0357$	.1429$	.0714$	.0357$	.0714$	.0714$	.0536$	.0893$	.0714$	.0179$	.0179$
25$	.0179$	.0179$	.0179$	.1429$	.0893$	.0536$	.0714$	.0714$	.0536$	.1250$	.0893$	.0357$
26$	.0536$	.0179$	.0179$	.0179$	.1250$	.0714$	.0536$	.0714$	.0714$	.0357$	.1250$	.0893$
27$	.0179$	.0714$	.0179$	.0179$	.0179$	.1429$	.0893$	.0893$	.1250$	.0893$	.0893$	.1429$
28$	.0179$	.0000$	.0714$	.0179$	.0179$	.0000$	.1250$	.0536$	.0357$	.0893$	.0179$	.0536$
29$	.0536$	.0179$	.0000$	.0714$	.0536$	.0357$	.0357$	.1429$	.0893$	.0714$	.1429$	.1071$
30$	.0536$	.0714$	.0357$	.0179$	.0536$	.0536$	.0357$	.0357$	.1250$	.1250$	.1071$	.1429$
31$	.0179$	.0536$	.0893$	.0714$	.0536$	.0893$	.0893$	.1071$	.1071$	.1429$	.1429$	.1429$
32$	.0893$	.0893$	.1071$	.1429$	.1607$	.1607$	.1786$	.1786$	.1964$	.2143$	.2500$	.2500$

STEADY STATE TABLE

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
2$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$
3$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$
4$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$
5$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$
6$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
7$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$
8$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$
9$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$
10$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$
11$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$
12$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$
13$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$
14$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$
15$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$
16$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$
17$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$
18$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$
19$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$
20$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$
21$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
22$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$
23$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$
24$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$
25$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$
26$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$
27$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$
28$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$
29$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$
30$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$
31$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$
32$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$

STEADY STATE TABLE

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
2$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$
3$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$
4$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$
5$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$	.0015$
6$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
7$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$	.0049$
8$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$	.0061$
9$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$
10$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$	.0068$
11$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$
12$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$	.0137$
13$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$	.0144$
14$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$	.0154$
15$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$
16$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$	.0203$
17$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$	.0249$
18$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$	.0292$
19$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$	.0339$
20$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$	.0363$
21$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
22$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$	.0401$
23$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$	.0429$
24$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$	.0458$
25$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$	.0574$
26$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$	.0584$
27$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$	.0723$
28$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$	.0403$
29$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$	.0616$
30$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$	.0703$
31$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$	.0834$
32$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$	.1495$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.000104$	.303571$	.000032$
2$	.000200$	.148810$	.000030$
3$	.000484$	.053571$	.000026$
4$	.000813$	.020833$	.000017$
5$	.001491$	.004464$	.000007$
6$	.002729$	.001488$	.000004$
7$	.004930$	.000000$	.000000$
8$	.006125$	.000000$	.000000$
9$	.000687$	.000000$	.000000$
10$	.006765$	.000000$	.000000$
11$	.009709$	.000000$	.000000$
12$	.013721$	.000000$	.000000$
13$	.014352$	.000000$	.000000$
14$	.015445$	.000000$	.000000$
15$	.018680$	.000000$	.000000$
16$	.020258$	.000000$	.000000$
17$	.024921$	.000000$	.000000$
18$	.029196$	.000000$	.000000$
19$	.033902$	.000000$	.000000$
20$	.036277$	.000000$	.000000$
21$	.037219$	.000000$	.000000$
22$	.040124$	.000000$	.000000$
23$	.042923$	.000000$	.000000$
24$	.045838$	.000000$	.000000$
25$	.057352$	.000000$	.000000$
26$	.058408$	.000000$	.000000$
27$	.072305$	.000000$	.000000$
28$	.040342$	.000000$	.000000$
29$	.061593$	.000000$	.000000$
30$	.070275$	.000000$	.000000$
31$	.083368$	.000000$	.000000$
32$	.149466$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .01$ PER CENT
$AT ANNUAL DEMAND=$ 160000.$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR — BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1934	1	1.00	12609.	-6433.	13387.	684774.	87176.	12456.	-5775.	0.	695.	93882.	212353.	87960.
1934	2	1.00	4803.	5396.	1406.	682181.	16187.	11424.	3080.	0.	637.	3089.	212353.	3523.
1934	3	.98	1467.	4350.	1406.	677298.	4204.	13849.	3020.	0.	773.	0.	201093.	650.
1934	4	1.00	16227.	-772.	6695.	684774.	26969.	14503.	1717.	0.	809.	6184.	212353.	6401.
1934	5	.97	865.	10481.	1406.	673158.	4153.	15002.	6897.	0.	837.	0.	196012.	650.
1934	6	.92	1183.	16862.	1406.	655479.	2162.	15570.	11026.	0.	869.	0.	172985.	650.
1934	7	.93	16866.	12983.	1406.	657362.	23466.	17652.	6809.	0.	985.	0.	173396.	650.
1934	8	.91	1553.	15370.	1406.	641545.	29031.	17634.	9711.	0.	984.	0.	176488.	650.
1934	9	.90	1344.	10270.	1406.	630619.	15995.	14417.	3966.	0.	804.	0.	175506.	650.
1934	10	.89	7420.	9946.	1406.	626093.	12435.	14004.	7282.	0.	781.	0.	168060.	650.
1934	11	.96	23635.	-2450.	1406.	650178.	89980.	12817.	-2678.	0.	715.	36954.	212353.	35017.
1934	12	.97	6166.	-746.	1406.	655091.	11945.	12714.	1917.	0.	709.	0.	211073.	650.
1935	1	.95	1264.	4476.	1406.	649878.	4187.	12456.	1514.	0.	695.	0.	202696.	650.
1935	2	.97	9795.	0.	1406.	657673.	18047.	11424.	2260.	0.	637.	0.	208465.	650.
1935	3	.97	3229.	3745.	1406.	655157.	18557.	13849.	-1540.	0.	773.	3766.	212353.	4152.
1935	4	.97	9227.	3248.	1406.	659136.	61121.	14503.	3658.	0.	809.	44366.	212353.	41910.
1935	5	1.00	124713.	772.	69107.	684774.	130464.	15002.	4043.	0.	837.	180526.	212353.	168539.
1935	6	1.00	549238.	-12867.	395159.	684774.	1181981.	15570.	-1155.	0.	869.	1562726.	212353.	1453985.
1935	7	1.00	69573.	13381.	39503.	684774.	79910.	17652.	10203.	0.	985.	91558.	212353.	85799.
1935	8	1.00	30233.	18270.	8410.	684774.	122344.	17634.	12128.	0.	984.	100991.	212353.	94572.
1935	9	1.00	82634.	-19300.	71659.	684774.	287015.	14417.	-8470.	0.	804.	352728.	212353.	328687.
1935	10	1.00	12480.	6176.	4432.	684774.	52953.	14004.	4428.	0.	781.	38953.	212353.	36876.
1935	11	.98	3349.	4367.	1406.	681756.	3268.	12817.	4141.	0.	715.	0.	200069.	650.
1935	12	.99	4102.	-3602.	3294.	684774.	11381.	12714.	-3011.	0.	709.	0.	205041.	650.
1936	1	.98	3472.	3598.	1406.	682648.	3273.	12456.	2041.	0.	695.	0.	195223.	650.
1936	2	.96	2342.	3843.	1406.	679147.	0.	11424.	2336.	0.	637.	0.	182869.	650.
1936	3	.97	2240.	3573.	1406.	675814.	23443.	13849.	360.	0.	773.	0.	193509.	650.
1936	4	.95	3434.	6350.	1406.	670898.	4210.	14503.	2684.	0.	809.	0.	181938.	650.
1936	5	1.00	16544.	-6923.	6742.	684774.	105293.	15002.	-5583.	0.	837.	72201.	212353.	67797.
1936	6	1.00	22817.	-772.	16583.	684774.	40085.	15570.	4043.	0.	869.	37055.	212353.	35112.
1936	7	1.00	139880.	6176.	93994.	684774.	253210.	17652.	4428.	0.	985.	325125.	212353.	303016.
1936	8	.97	2539.	13285.	1406.	672028.	3925.	17634.	5957.	0.	984.	0.	194092.	650.
1936	9	1.00	25384.	4614.	5641.	684774.	130406.	14417.	-1925.	0.	804.	105294.	212353.	98574.
1936	10	1.00	51271.	6176.	31702.	684774.	151548.	14004.	5005.	0.	781.	164240.	212353.	153393.
1936	11	1.00	7547.	3603.	2773.	684774.	20875.	12817.	4043.	0.	715.	6788.	212353.	6963.
1936	12	1.00	5108.	2831.	1601.	684774.	13130.	12714.	1729.	0.	709.	288.	212353.	918.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1937	1	.99	3734.	2572.	1406.	683936.	6686.	12456.	1335.	0.	695.	0.	206654.	650.
1937	2	.98	2762.	4362.	1406.	680336.	2524.	11424.	2607.	0.	637.	0.	196554.	650.
1937	3	.96	3279.	4345.	1406.	677270.	1962.	13849.	2880.	0.	773.	0.	183193.	650.
1937	4	.93	1792.	9641.	1406.	667421.	8.	14503.	6309.	0.	809.	0.	163794.	650.
1937	5	.90	1215.	7041.	1406.	659595.	1488.	15002.	5318.	0.	837.	0.	146368.	650.
1937	6	.88	8179.	11988.	1406.	653787.	12459.	15570.	6019.	0.	869.	0.	138645.	650.
1937	7	.84	725.	12855.	1406.	639656.	1064.	17652.	6721.	0.	985.	0.	116742.	650.
1937	8	.81	70.	14842.	1406.	622884.	14593.	17634.	7293.	0.	984.	0.	107813.	650.
1937	9	.78	1317.	14595.	1406.	607607.	3016.	14417.	7435.	0.	804.	0.	90383.	650.
1937	10	.75	1130.	11318.	1406.	595419.	758.	14004.	5581.	0.	781.	0.	72962.	650.
1937	11	.72	337.	6995.	1406.	586761.	0.	12817.	2642.	0.	715.	0.	58908.	650.
1937	12	.87	42015.	-16022.	1406.	642799.	83477.	12714.	-7381.	0.	709.	0.	138459.	650.
1938	1	1.00	48364.	3272.	2191.	684774.	140974.	12456.	2799.	0.	695.	54016.	212353.	50885.
1938	2	.99	1687.	3338.	1406.	681123.	4416.	11424.	1900.	0.	637.	0.	204851.	650.
1938	3	.96	2043.	6638.	1406.	674528.	620.	13849.	4396.	0.	773.	0.	188631.	650.
1938	4	1.00	27871.	2831.	10400.	684774.	82600.	14503.	3080.	0.	809.	51695.	212353.	48726.
1938	5	1.00	9357.	6948.	1694.	684774.	38619.	15002.	3273.	0.	837.	22038.	212353.	21145.
1938	6	.96	622.	15041.	1406.	668355.	0.	15570.	8660.	0.	869.	0.	189529.	650.
1938	7	.90	430.	19007.	1406.	647778.	0.	17652.	13209.	0.	985.	0.	160075.	650.
1938	8	.91	0.	12772.	1406.	633006.	46564.	17634.	7278.	0.	984.	0.	183132.	650.
1938	9	.87	194.	12100.	1406.	619100.	2376.	14417.	6834.	0.	804.	0.	165663.	650.
1938	10	.84	0.	12634.	1406.	604466.	0.	14004.	7872.	0.	781.	0.	145193.	650.
1938	11	.81	121.	8234.	1406.	594353.	990.	12817.	3964.	0.	715.	0.	130808.	650.
1938	12	.81	4458.	0.	1406.	596811.	7955.	12714.	-1195.	0.	709.	0.	128650.	650.
1939	1	.79	1354.	1874.	1406.	594291.	0.	12456.	1447.	0.	695.	0.	116153.	650.
1939	2	.77	560.	3733.	1406.	589118.	0.	11424.	2614.	0.	637.	0.	103522.	650.
1939	3	.74	438.	7178.	1406.	580378.	0.	13849.	3754.	0.	773.	0.	87324.	650.
1939	4	.71	0.	10527.	1406.	567851.	0.	14503.	4837.	0.	809.	0.	69390.	650.
1939	5	.81	9108.	7725.	1406.	567234.	112167.	15002.	5189.	0.	837.	0.	162772.	650.
1939	6	.85	6915.	5676.	1406.	566473.	54993.	15570.	3682.	0.	869.	0.	199919.	650.
1939	7	.87	24844.	13685.	1406.	575632.	31150.	17652.	11045.	0.	985.	0.	203778.	650.
1939	8	.85	6245.	8917.	1406.	570960.	13545.	17634.	8948.	0.	984.	0.	192147.	650.
1939	9	.87	15530.	7095.	1406.	577395.	31365.	14417.	4426.	0.	804.	0.	206075.	650.
1939	10	.88	10489.	9412.	1406.	576471.	26396.	14004.	7924.	0.	781.	0.	211948.	650.
1939	11	.85	755.	4574.	1406.	570652.	0.	12817.	4302.	0.	715.	0.	196235.	650.
1939	12	.83	511.	3410.	1406.	565753.	0.	12714.	2517.	0.	709.	0.	182409.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR — BASE2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1940	1	.81	735.	2941.	1406.	561547.	0.	12456.	1903.	0.	695.	0.	169457.	650.
1940	2	.80	1819.	2704.	1406.	558662.	24.	11424.	2327.	0.	637.	0.	157136.	650.
1940	3	.79	595.	4931.	1406.	552326.	16816.	13849.	3261.	0.	773.	0.	158248.	650.
1940	4	.88	28596.	4748.	1406.	574174.	101394.	14503.	5168.	0.	809.	29023.	212353.	27641.
1940	5	.89	14953.	3451.	1406.	583675.	77491.	15002.	4428.	0.	837.	59467.	212353.	55954.
1940	6	.96	67988.	-2159.	1406.	651822.	197347.	15570.	-963.	0.	869.	184146.	212353.	171905.
1940	7	1.00	48402.	12388.	2153.	684774.	246918.	17652.	7893.	0.	985.	223527.	212353.	208530.
1940	8	1.00	18758.	13124.	3961.	684774.	51639.	17634.	9626.	0.	984.	28340.	212353.	27006.
1940	9	.97	632.	15547.	1406.	667859.	15999.	14417.	9233.	0.	804.	0.	206108.	650.
1940	10	.97	3712.	5797.	1406.	663774.	16213.	14004.	2268.	0.	781.	0.	207454.	650.
1940	11	.98	9671.	2774.	1406.	668671.	28780.	12817.	1540.	0.	715.	10930.	212353.	10815.
1940	12	1.00	13033.	-1272.	1406.	680977.	27372.	12714.	-578.	0.	709.	16642.	212353.	16127.
1941	1	1.00	12759.	1287.	5395.	684774.	7077.	12456.	1534.	0.	695.	0.	210836.	650.
1941	2	1.00	42641.	-772.	30519.	684774.	50648.	11424.	-1733.	0.	637.	69959.	212353.	65712.
1941	3	1.00	10490.	257.	7194.	684774.	10128.	13849.	-193.	0.	773.	3665.	212353.	4058.
1941	4	1.00	84973.	-5147.	63354.	684774.	106142.	14503.	-4043.	0.	809.	159036.	212353.	148553.
1941	5	1.00	138576.	-1287.	98323.	684774.	414688.	15002.	-4428.	0.	837.	502437.	212353.	467916.
1941	6	1.00	20955.	2831.	12741.	684774.	124998.	15570.	193.	0.	869.	121977.	212353.	114089.
1941	7	1.00	6123.	6937.	1406.	681960.	89720.	17652.	5775.	0.	985.	67699.	212353.	63610.
1941	8	.97	4517.	13510.	1406.	670967.	8278.	17634.	8734.	0.	984.	0.	195668.	650.
1941	9	1.00	111498.	1029.	67953.	684774.	160639.	14417.	3850.	0.	804.	193640.	212353.	180735.
1941	10	1.00	10138.	4889.	3690.	684774.	21300.	14004.	2695.	0.	781.	8290.	212353.	8360.
1941	11	.98	2006.	5899.	1406.	678881.	1318.	12817.	4130.	0.	715.	0.	198130.	650.
1941	12	.96	1576.	4588.	1406.	673869.	27.	12714.	1812.	0.	709.	0.	185038.	650.
1942	1	.93	1126.	5319.	1406.	667676.	0.	12456.	3126.	0.	695.	0.	170861.	650.
1942	2	.92	1403.	252.	1406.	666826.	960.	11424.	-675.	0.	637.	0.	162479.	650.
1942	3	.89	884.	8287.	1406.	657424.	0.	13849.	4819.	0.	773.	0.	145216.	650.
1942	4	.89	5209.	3498.	1406.	657134.	8594.	14503.	2632.	0.	809.	0.	138082.	650.
1942	5	.89	10165.	4755.	1406.	660544.	16997.	15002.	3359.	0.	837.	0.	138124.	650.
1942	6	.86	417.	11209.	1406.	647752.	6330.	15570.	5349.	0.	869.	0.	124941.	650.
1942	7	1.00	176276.	-3345.	100247.	684774.	468366.	17652.	-6545.	0.	985.	470095.	212353.	437838.
1942	8	1.00	10632.	5147.	3856.	684774.	17450.	17634.	2689.	0.	984.	983.	212353.	1564.
1942	9	1.00	104488.	-1287.	74360.	684774.	388926.	14417.	1155.	0.	804.	447713.	212353.	417023.
1942	10	1.00	28353.	5919.	15771.	684774.	31445.	14004.	3658.	0.	781.	29554.	212353.	28136.
1942	11	.98	1946.	8706.	1406.	676014.	5453.	12817.	5825.	0.	715.	0.	200570.	650.
1942	12	.95	1280.	6849.	1406.	668445.	592.	12714.	4708.	0.	709.	0.	185146.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.94	1459.	2775.	1406.	665129.	938.	12456.	701.	0.	695.	0.	174333.	650.
1943	2	.91	1172.	6775.	1406.	657526.	16.	11424.	3863.	0.	637.	0.	160468.	650.
1943	3	.89	1770.	5732.	1406.	651564.	1688.	13849.	3058.	0.	773.	0.	146655.	650.
1943	4	.86	945.	9145.	1406.	641365.	0.	14503.	5461.	0.	809.	0.	128096.	650.
1943	5	.84	3573.	5154.	1406.	637784.	3225.	15002.	2020.	0.	837.	0.	115705.	650.
1943	6	.94	30515.	6441.	1406.	659858.	88193.	15570.	4764.	0.	869.	0.	184970.	650.
1943	7	.95	27087.	11603.	1406.	673341.	19459.	17652.	7185.	0.	985.	0.	180998.	650.
1943	8	.90	0.	18849.	1406.	652493.	0.	17634.	11761.	0.	984.	0.	153009.	650.
1943	9	.92	2130.	3476.	1406.	649147.	33410.	14417.	1329.	0.	804.	0.	172079.	650.
1943	10	.89	443.	12793.	1406.	634797.	8233.	14004.	7973.	0.	781.	0.	159740.	650.
1943	11	.87	2333.	2683.	1406.	632447.	3745.	12817.	1137.	0.	715.	0.	150938.	650.
1943	12	.86	510.	2674.	1406.	628283.	2149.	12714.	158.	0.	709.	0.	141621.	650.
1944	1	.85	990.	-1456.	1406.	628729.	7001.	12456.	-464.	0.	695.	0.	138036.	650.
1944	2	.84	440.	3147.	1406.	624022.	0.	11424.	1798.	0.	637.	0.	126220.	650.
1944	3	.84	3183.	725.	1406.	624480.	12904.	13849.	734.	0.	773.	0.	125946.	650.
1944	4	.80	866.	9609.	1406.	613737.	0.	14503.	5065.	0.	809.	0.	107783.	650.
1944	5	.95	71463.	-1239.	1406.	684439.	69153.	15002.	-1070.	0.	837.	0.	164409.	650.
1944	6	1.00	13089.	10805.	1406.	684723.	169816.	15570.	8085.	0.	869.	99623.	212353.	93299.
1944	7	.95	1564.	19086.	1406.	665201.	1607.	17652.	12562.	0.	985.	0.	185153.	650.
1944	8	.95	8715.	8556.	1406.	663360.	22563.	17634.	4089.	0.	984.	0.	187398.	650.
1944	9	.98	19295.	10846.	1406.	669808.	336315.	14417.	5005.	0.	804.	293344.	212353.	273460.
1944	10	.96	9430.	11365.	1406.	665873.	6750.	14004.	8031.	0.	781.	0.	198474.	650.
1944	11	.95	483.	2013.	1406.	662343.	2318.	12817.	1275.	0.	715.	0.	188105.	650.
1944	12	.94	1592.	753.	1406.	661182.	1766.	12714.	354.	0.	709.	0.	178209.	650.
1945	1	.92	5035.	4512.	1406.	659705.	2032.	12456.	2903.	0.	695.	0.	166288.	650.
1945	2	.92	9141.	2260.	1406.	664586.	9109.	11424.	1506.	0.	637.	0.	163873.	650.
1945	3	.92	2032.	3769.	1406.	660849.	18645.	13849.	2512.	0.	773.	0.	167563.	650.
1945	4	1.00	26463.	3548.	1406.	681764.	117552.	14503.	1155.	0.	809.	58510.	212353.	55064.
1945	5	.98	340.	11707.	1406.	668396.	38546.	15002.	7700.	0.	837.	17249.	212353.	16692.
1945	6	.99	16638.	6850.	1406.	676184.	36009.	15570.	5775.	0.	869.	16070.	212353.	15595.
1945	7	.95	1845.	12652.	1406.	663377.	1799.	17652.	8297.	0.	985.	0.	189610.	650.
1945	8	.91	0.	14462.	1406.	646915.	0.	17634.	6909.	0.	984.	0.	166472.	650.
1945	9	.87	948.	13011.	1406.	632852.	0.	14417.	8513.	0.	804.	0.	144948.	650.
1945	10	.98	44421.	4473.	1406.	670800.	224000.	14004.	3273.	0.	781.	140724.	212353.	131523.
1945	11	.95	307.	8317.	1406.	660789.	0.	12817.	6148.	0.	715.	0.	194794.	650.
1945	12	.93	322.	4999.	1406.	654113.	0.	12714.	2862.	0.	709.	0.	180624.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1946	1	.92	560.	249.	1406.	652424.	1610.	12456.	-347.	0.	695.	0.	171532.	650.
1946	2	.90	298.	2233.	1406.	648488.	0.	11424.	840.	0.	637.	0.	160673.	650.
1946	3	.89	2074.	6664.	1406.	641898.	8898.	13849.	4221.	0.	773.	0.	152907.	650.
1946	4	.91	15960.	4450.	1406.	651408.	26930.	14503.	2781.	0.	809.	0.	163960.	650.
1946	5	.98	18011.	-1504.	1406.	668923.	149199.	15002.	385.	0.	837.	86824.	212353.	81397.
1946	6	.99	14147.	7097.	1406.	673973.	119961.	15570.	3465.	0.	869.	102332.	212353.	95819.
1946	7	.94	0.	17614.	1406.	654359.	1314.	17652.	10615.	0.	985.	0.	186807.	650.
1946	8	1.00	43717.	8613.	3296.	684774.	51900.	17634.	6859.	0.	984.	5156.	212353.	5445.
1946	9	1.00	106530.	2316.	73262.	684774.	197402.	14417.	-385.	0.	804.	256632.	212353.	239318.
1946	10	1.00	118574.	-515.	83719.	684774.	446756.	14004.	-2118.	0.	781.	518589.	212353.	482937.
1946	11	.98	2060.	6410.	1406.	678424.	5146.	12817.	3965.	0.	715.	0.	202123.	650.
1946	12	.96	1108.	4076.	1406.	673456.	987.	12714.	2745.	0.	709.	0.	189057.	650.
1947	1	.96	1450.	-1271.	1406.	674176.	5394.	12456.	-537.	0.	695.	0.	183938.	650.
1947	2	.93	476.	5572.	1406.	667081.	0.	11424.	3635.	0.	637.	0.	170285.	650.
1947	3	.91	1384.	5786.	1406.	660679.	2610.	13849.	3488.	0.	773.	0.	156964.	650.
1947	4	.91	598.	4001.	1406.	655276.	16828.	14503.	1636.	0.	809.	0.	159058.	650.
1947	5	.98	10242.	0.	1406.	663518.	149170.	15002.	-578.	0.	837.	82856.	212353.	77706.
1947	6	.98	13468.	11817.	1406.	663169.	28981.	15570.	7883.	0.	869.	6934.	212353.	7099.
1947	7	.96	6218.	17974.	1406.	649413.	46450.	17652.	12128.	0.	985.	18076.	212353.	17461.
1947	8	.95	1442.	10109.	1406.	638746.	25071.	17634.	4808.	0.	984.	4035.	212353.	4402.
1947	9	.90	0.	15792.	1406.	620955.	0.	14417.	10999.	0.	804.	0.	188343.	650.
1947	10	.87	0.	10521.	1406.	608433.	0.	14004.	6921.	0.	781.	0.	168824.	650.
1947	11	.85	789.	5680.	1406.	601542.	5143.	12817.	1672.	0.	715.	0.	160884.	650.
1947	12	.83	105.	1883.	1406.	597765.	0.	12714.	811.	0.	709.	0.	148765.	650.
1948	1	.81	0.	3979.	1406.	591785.	0.	12456.	2327.	0.	695.	0.	135388.	650.
1948	2	.80	135.	0.	1406.	589920.	0.	11424.	298.	0.	637.	0.	125072.	650.
1948	3	.77	0.	5103.	1406.	582817.	0.	13849.	2412.	0.	773.	0.	110217.	650.
1948	4	.74	0.	6898.	1406.	573919.	0.	14503.	3328.	0.	809.	0.	93791.	650.
1948	5	.71	0.	8870.	1406.	563049.	0.	15002.	4246.	0.	837.	0.	75949.	650.
1948	6	.68	1169.	11896.	1406.	550323.	0.	15570.	3837.	0.	869.	0.	57948.	650.
1948	7	.75	26585.	11896.	1406.	563012.	73915.	17652.	5717.	0.	985.	0.	109901.	650.
1948	8	.71	0.	15223.	1406.	545789.	5896.	17634.	8633.	0.	984.	0.	90935.	650.
1948	9	.69	0.	7507.	1406.	536281.	8132.	14417.	2135.	0.	804.	0.	83921.	650.
1948	10	.71	14220.	5732.	1406.	542770.	22665.	14004.	3255.	0.	781.	0.	90733.	650.
1948	11	.69	0.	5948.	1406.	534822.	4379.	12817.	3198.	0.	715.	0.	80503.	650.
1948	12	.66	0.	4592.	1406.	528230.	233.	12714.	2380.	0.	709.	0.	67048.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*--B & E--*							
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1949	1	.65	0.	870.	1406.	525360.	133.	12456.	374.	0.	695.	0.	55757.	650.
1949	2	.64	6427.	218.	1406.	529569.	3285.	11424.	0.	0.	637.	0.	49024.	650.
1949	3	.79	23421.	4622.	1406.	546368.	131112.	13849.	2181.	0.	773.	0.	165512.	650.
1949	4	.93	76290.	-5334.	1406.	625992.	159940.	14503.	-5005.	0.	809.	105007.	212353.	98306.
1949	5	.94	14887.	8730.	1406.	630149.	216641.	15002.	7123.	0.	837.	195922.	212353.	182857.
1949	6	.98	47734.	5706.	1406.	670177.	78380.	15570.	5390.	0.	869.	58826.	212353.	55358.
1949	7	.99	14473.	9633.	1406.	673016.	85019.	17652.	6160.	0.	985.	62613.	212353.	58880.
1949	8	.98	5632.	14142.	1406.	662506.	36875.	17634.	9626.	0.	984.	11021.	212353.	10900.
1949	9	.94	0.	13707.	1406.	646799.	3989.	14417.	8902.	0.	804.	0.	194428.	650.
1949	10	.96	17238.	1494.	1406.	660543.	20834.	14004.	1476.	0.	781.	0.	201188.	650.
1949	11	.94	1798.	6497.	1406.	653844.	10173.	12817.	6045.	0.	715.	0.	193905.	650.
1949	12	.95	10912.	-500.	1406.	663257.	11345.	12714.	548.	0.	709.	0.	193394.	650.
1950	1	.93	49.	5260.	1406.	656046.	1710.	12456.	2504.	0.	695.	0.	181551.	650.
1950	2	.91	0.	3484.	1406.	650561.	685.	11424.	2589.	0.	637.	0.	169629.	650.
1950	3	.88	0.	8394.	1406.	640168.	917.	13849.	5260.	0.	773.	0.	152843.	650.
1950	4	.86	171.	5870.	1406.	632468.	3477.	14503.	4229.	0.	809.	0.	138993.	650.
1950	5	.89	11295.	4883.	1406.	636880.	41642.	15002.	4142.	0.	837.	0.	162898.	650.
1950	6	.95	9116.	6609.	1406.	637387.	105877.	15570.	6368.	0.	869.	35890.	212353.	34028.
1950	7	.91	45.	12878.	1406.	622553.	10350.	17652.	8577.	0.	985.	0.	197880.	650.
1950	8	.86	0.	15528.	1406.	605026.	0.	17634.	11187.	0.	984.	0.	170465.	650.
1950	9	.83	0.	11513.	1406.	591512.	8312.	14417.	8412.	0.	804.	0.	157354.	650.
1950	10	.81	0.	12037.	1406.	577475.	15724.	14004.	7860.	0.	781.	0.	152619.	650.
1950	11	.78	0.	9132.	1406.	566343.	0.	12817.	5896.	0.	715.	0.	135312.	650.
1950	12	.75	0.	7223.	1406.	557120.	0.	12714.	4543.	0.	709.	0.	119461.	650.
1951	1	.73	0.	5813.	1406.	549307.	0.	12456.	3192.	0.	695.	0.	105220.	650.
1951	2	.71	0.	2444.	1406.	544863.	229.	11424.	1981.	0.	637.	0.	93450.	650.
1951	3	.69	0.	4639.	1406.	538224.	793.	13849.	2246.	0.	773.	0.	79554.	650.
1951	4	.66	0.	8104.	1406.	528120.	1008.	14503.	3762.	0.	809.	0.	63703.	650.
1951	5	.75	60288.	3363.	1406.	583046.	41567.	15002.	2995.	0.	837.	0.	88679.	650.
1951	6	.88	35876.	6568.	1406.	610354.	110767.	15570.	4219.	0.	869.	0.	181063.	650.
1951	7	.83	0.	17198.	1406.	591155.	0.	17652.	11444.	0.	985.	0.	153373.	650.
1951	8	.77	0.	19359.	1406.	569796.	0.	17634.	12502.	0.	984.	0.	124643.	650.
1951	9	.93	50417.	-1170.	1406.	619383.	168500.	14417.	561.	0.	804.	67218.	212353.	63162.
1951	10	.92	6225.	8153.	1406.	615455.	13728.	14004.	6812.	0.	781.	0.	206671.	650.
1951	11	.90	393.	4532.	1406.	609316.	1571.	12817.	2598.	0.	715.	0.	194232.	650.
1951	12	.87	0.	5919.	1406.	601397.	306.	12714.	4094.	0.	709.	0.	179136.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1952	1	.85	0.	6103.	1406.	593294.	922.	12456.	4088.	0.	695.	0.	164920.	650.
1952	2	.84	6769.	2574.	1406.	595489.	6813.	11424.	2483.	0.	637.	0.	159232.	650.
1952	3	.82	1633.	6070.	1406.	589052.	0.	13849.	4612.	0.	773.	0.	142176.	650.
1952	4	.81	6853.	4885.	1406.	589020.	9761.	14503.	1847.	0.	809.	0.	136993.	650.
1952	5	.82	13278.	5600.	1406.	594698.	21222.	15002.	5624.	0.	837.	0.	138995.	650.
1952	6	.87	4251.	10486.	1406.	586463.	73717.	15570.	7784.	0.	869.	0.	190765.	650.
1952	7	.84	0.	12200.	1406.	572263.	10726.	17652.	6005.	0.	985.	0.	179240.	650.
1952	8	.78	0.	18962.	1406.	551301.	198.	17634.	13125.	0.	984.	0.	150085.	650.
1952	9	.78	0.	5113.	1406.	544188.	17513.	14417.	-2599.	0.	804.	0.	157186.	650.
1952	10	.74	0.	11877.	1406.	530311.	0.	14004.	7964.	0.	781.	0.	136624.	650.
1952	11	.73	0.	1308.	1406.	527003.	979.	12817.	748.	0.	715.	0.	125444.	650.
1952	12	.71	0.	2171.	1406.	522831.	1484.	12714.	1718.	0.	709.	0.	113902.	650.
1953	1	.69	0.	6041.	1406.	514790.	2080.	12456.	3674.	0.	695.	0.	101259.	650.
1953	2	.67	0.	2572.	1406.	510218.	968.	11424.	1305.	0.	637.	0.	90904.	650.
1953	3	.64	0.	6174.	1406.	502044.	1254.	13849.	3136.	0.	773.	0.	76579.	650.
1953	4	.63	446.	5701.	1406.	494789.	12888.	14503.	2742.	0.	809.	0.	73628.	650.
1953	5	.72	31122.	5325.	1406.	518586.	68114.	15002.	4197.	0.	837.	0.	123949.	650.
1953	6	.67	0.	14541.	1406.	502045.	0.	15570.	8654.	0.	869.	0.	101130.	650.
1953	7	.63	5.	15955.	1406.	484095.	48.	17652.	8069.	0.	985.	0.	76864.	650.
1953	8	.65	12604.	6252.	1406.	488448.	33348.	17634.	125.	0.	984.	0.	93859.	650.
1953	9	.97	180066.	5953.	1406.	660561.	268221.	14417.	7123.	0.	804.	129593.	212353.	121171.
1953	10	1.00	30721.	-1783.	5829.	684774.	47881.	14004.	-5005.	0.	781.	44711.	212353.	42231.
1953	11	.99	1255.	7428.	1406.	676601.	33853.	12817.	5390.	0.	715.	17052.	212353.	16508.
1953	12	.97	67.	5332.	1406.	669336.	219.	12714.	3195.	0.	709.	0.	198069.	650.
1954	1	.95	14.	4790.	1406.	662561.	1499.	12456.	3076.	0.	695.	0.	185442.	650.
1954	2	.92	0.	7999.	1406.	652562.	1373.	11424.	5203.	0.	637.	0.	171595.	650.
1954	3	.89	0.	9396.	1406.	641166.	1263.	13849.	5783.	0.	773.	0.	154631.	650.
1954	4	.87	6098.	5159.	1406.	640105.	5848.	14503.	2860.	0.	809.	0.	144522.	650.
1954	5	.85	6606.	8333.	1406.	636379.	3015.	15002.	4999.	0.	837.	0.	128942.	650.
1954	6	.89	19590.	10556.	1406.	643412.	48472.	15570.	4662.	0.	869.	0.	158588.	650.
1954	7	.93	932.	16360.	1406.	625984.	138607.	17652.	12159.	0.	985.	56437.	212353.	53137.
1954	8	.88	0.	18196.	1406.	605788.	1101.	17634.	12026.	0.	984.	0.	185200.	650.
1954	9	.84	0.	14090.	1406.	589698.	3468.	14417.	7896.	0.	804.	0.	167760.	650.
1954	10	.83	1103.	9030.	1406.	579771.	10715.	14004.	3669.	0.	781.	0.	162208.	650.
1954	11	.81	477.	5734.	1406.	572514.	11152.	12817.	3777.	0.	715.	0.	158172.	650.
1954	12	.79	0.	7952.	1406.	562562.	271.	12714.	5231.	0.	709.	0.	141904.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1955	1	.76	0.	3604.	1406.	556959.	526.	12456.	2574.	0.	695.	0.	128806.	650.
1955	2	.75	1446.	2689.	1406.	553715.	6468.	11424.	2341.	0.	637.	0.	122915.	650.
1955	3	.72	0.	8676.	1406.	543039.	791.	13849.	5567.	0.	773.	0.	105695.	650.
1955	4	.69	0.	10552.	1406.	530487.	102.	14503.	5821.	0.	809.	0.	86879.	650.
1955	5	.70	28501.	8597.	1406.	548391.	15534.	15002.	6005.	0.	837.	0.	82812.	650.
1955	6	.68	2412.	16548.	1406.	532255.	15543.	15570.	8449.	0.	869.	0.	75742.	650.
1955	7	.63	97.	18618.	1406.	511735.	3804.	17652.	7879.	0.	985.	0.	55421.	650.
1955	8	.60	3584.	14886.	1406.	498433.	6838.	17634.	5057.	0.	984.	0.	40974.	650.
1955	9	.60	1509.	10077.	1406.	487865.	25937.	14417.	226.	0.	804.	0.	53673.	650.
1955	10	.61	2320.	12649.	1406.	475536.	38360.	14004.	4711.	0.	781.	0.	74724.	650.
1955	11	.59	0.	7784.	1406.	465752.	1284.	12817.	3685.	0.	715.	0.	60911.	650.
1955	12	.56	0.	5680.	1406.	458072.	980.	12714.	2254.	0.	709.	0.	48330.	650.
1956	1	.54	0.	4026.	1406.	452045.	968.	12456.	1515.	0.	695.	0.	36733.	650.
1956	2	.52	0.	5195.	1406.	444850.	481.	11424.	1395.	0.	637.	0.	25801.	650.
1956	3	.50	0.	7687.	3825.	431722.	655.	13849.	1521.	0.	773.	0.	14911.	650.
1956	4	.47	0.	7306.	10451.	409549.	4634.	14503.	660.	0.	809.	0.	14833.	650.
1956	5	.47	3515.	7162.	1406.	403902.	18578.	15002.	790.	0.	837.	0.	19025.	650.
1956	6	.44	907.	11608.	10193.	378701.	2948.	15570.	1952.	0.	869.	0.	14644.	650.
1956	7	.40	2952.	14313.	13139.	348650.	6926.	17652.	2735.	0.	985.	0.	14323.	650.
1956	8	.39	17679.	14535.	8954.	339056.	11600.	17634.	2654.	0.	984.	0.	14589.	650.
1956	9	.41	16880.	10047.	1406.	343890.	27107.	14417.	2260.	0.	804.	0.	26425.	650.
1956	10	.44	11668.	6346.	1406.	347212.	36895.	14004.	1888.	0.	781.	0.	48834.	650.
1956	11	.42	0.	5808.	1406.	339403.	1378.	12817.	2329.	0.	715.	0.	36471.	650.
1956	12	.41	0.	3377.	1406.	334026.	11256.	12714.	863.	0.	709.	0.	35556.	650.
1957	1	.39	0.	4677.	1406.	327349.	553.	12456.	1557.	0.	695.	0.	23502.	650.
1957	2	.38	0.	2480.	1650.	322522.	1891.	11424.	659.	0.	637.	0.	14961.	650.
1957	3	.39	4752.	2798.	1406.	322477.	24663.	13849.	946.	0.	773.	0.	26234.	650.
1957	4	.58	77221.	-527.	1406.	398225.	110808.	14503.	-2288.	0.	809.	0.	126233.	650.
1957	5	.84	141326.	-204.	1406.	537755.	478579.	15002.	-2310.	0.	837.	381173.	212353.	355141.
1957	6	.94	101364.	8092.	1406.	629027.	402936.	15570.	3080.	0.	869.	385692.	212353.	359344.
1957	7	.88	35.	19205.	1406.	607857.	2993.	17652.	13988.	0.	985.	0.	185113.	650.
1957	8	.83	0.	18084.	1406.	587773.	354.	17634.	12238.	0.	984.	0.	157000.	650.
1957	9	.92	32902.	6591.	1406.	612084.	106256.	14417.	4638.	0.	804.	33254.	212353.	31576.
1957	10	.97	54599.	5134.	1406.	659550.	78496.	14004.	6160.	0.	781.	59737.	212353.	56206.
1957	11	.98	8838.	-1761.	1406.	668149.	38190.	12817.	-1540.	0.	715.	28319.	212353.	26987.
1957	12	.96	2601.	4539.	1406.	664211.	2676.	12714.	3952.	0.	709.	0.	199769.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	1.00	100716.	-4117.	59242.	684774.	239830.	12456.	-6160.	0.	695.	280193.	212353.	261229.
1958	2	1.00	111709.	-4117.	81426.	684774.	283699.	11424.	-6353.	0.	637.	360054.	212353.	335500.
1958	3	1.00	23248.	4375.	13268.	684774.	166446.	13849.	2503.	0.	773.	163362.	212353.	152577.
1958	4	.98	3004.	5135.	1406.	680643.	1525.	14503.	4860.	0.	809.	0.	195921.	650.
1958	5	1.00	14420.	2831.	5244.	684774.	31400.	15002.	3381.	0.	837.	1828.	212353.	2350.
1958	6	1.00	50387.	11580.	27281.	684774.	5901.	15570.	8278.	0.	869.	9335.	212353.	9331.
1958	7	.99	15530.	18984.	1406.	679320.	102371.	17652.	14246.	0.	985.	71880.	212353.	67498.
1958	8	.94	20.	19211.	1406.	658129.	0.	17634.	13756.	0.	984.	0.	182368.	650.
1958	9	1.00	53205.	-3603.	21204.	684774.	25250.	14417.	-7756.	0.	804.	9809.	212353.	9772.
1958	10	1.00	43294.	-5147.	34054.	684774.	217084.	14004.	-5968.	0.	781.	243101.	212353.	226734.
1958	11	1.00	41388.	4632.	25840.	684774.	167157.	12817.	3850.	0.	715.	176329.	212353.	164636.
1958	12	1.00	8202.	2831.	3776.	684774.	13568.	12714.	1348.	0.	709.	3283.	212353.	3703.
1959	1	.99	2750.	5901.	1406.	679623.	23618.	12456.	3273.	0.	695.	9295.	212353.	9295.
1959	2	.99	1409.	-1792.	1406.	680824.	3436.	11424.	-3078.	0.	637.	0.	208850.	650.
1959	3	.97	590.	8914.	1406.	670500.	6481.	13849.	5769.	0.	773.	0.	197118.	650.
1959	4	.94	415.	5300.	1406.	663615.	0.	14503.	3762.	0.	809.	0.	180259.	650.
1959	5	.92	1411.	5766.	1406.	657261.	4796.	15002.	4785.	0.	837.	0.	166674.	650.
1959	6	.92	23818.	7300.	1406.	671779.	7775.	15570.	4607.	0.	869.	0.	155678.	650.
1959	7	.95	22218.	16012.	1406.	675985.	45138.	17652.	10869.	0.	985.	0.	173702.	650.
1959	8	.91	374.	14398.	1406.	659961.	9454.	17634.	6189.	0.	984.	0.	160738.	650.
1959	9	.88	1472.	12694.	1406.	646739.	2280.	14417.	7617.	0.	804.	0.	142390.	650.
1959	10	1.00	69467.	4343.	19044.	684774.	231751.	14004.	2118.	0.	781.	164710.	212353.	153831.
1959	11	1.00	5459.	5398.	1406.	682835.	15880.	12817.	5345.	0.	715.	0.	211477.	650.
1959	12	.98	615.	4861.	1406.	676589.	6660.	12714.	3590.	0.	709.	0.	203239.	650.
1960	1	.97	712.	3306.	1406.	671995.	6637.	12456.	1671.	0.	695.	0.	197155.	650.
1960	2	.96	933.	3290.	1406.	667638.	6094.	11424.	1280.	0.	637.	0.	191951.	650.
1960	3	.94	556.	4029.	1406.	662165.	4774.	13849.	2144.	0.	773.	0.	182137.	650.
1960	4	.92	3919.	6514.	1406.	657570.	0.	14503.	4276.	0.	809.	0.	164764.	650.
1960	5	.88	697.	8952.	1406.	647315.	0.	15002.	4686.	0.	837.	0.	146482.	650.
1960	6	.90	8139.	8893.	1406.	644562.	36056.	15570.	5471.	0.	869.	0.	162903.	650.
1960	7	.88	2007.	9817.	1406.	634751.	21907.	17652.	9620.	0.	985.	0.	158945.	650.
1960	8	.93	23250.	5662.	1406.	650340.	46113.	17634.	3412.	0.	984.	0.	185418.	650.
1960	9	.92	1645.	13061.	1406.	636923.	22454.	14417.	6565.	0.	804.	0.	188295.	650.
1960	10	.98	26393.	-3476.	1406.	664792.	140197.	14004.	-6738.	0.	781.	110279.	212353.	103209.
1960	11	.99	17115.	2281.	1406.	677626.	78733.	12817.	1348.	0.	715.	65974.	212353.	62006.
1960	12	1.00	6656.	-2306.	1406.	684589.	52666.	12714.	-5583.	0.	709.	46941.	212353.	44305.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2746.	684774.	42256.	12456.	385.	0.	695.	32161.	212353.	30560.
1961	2	1.00	16221.	257.	11222.	684774.	51823.	11424.	-578.	0.	637.	52199.	212353.	49195.
1961	3	.98	2221.	6155.	1406.	678840.	9629.	13849.	4919.	0.	773.	0.	204619.	650.
1961	4	.98	13295.	3594.	2648.	684774.	8815.	14503.	3531.	0.	809.	0.	198049.	650.
1961	5	.94	0.	12759.	1406.	670015.	0.	15002.	9013.	0.	837.	0.	175440.	650.
1961	6	1.00	76005.	6176.	38714.	684774.	55645.	15570.	3647.	0.	869.	38229.	212353.	36203.
1961	7	.99	4774.	11014.	1406.	676534.	22418.	17652.	7977.	0.	985.	0.	210548.	650.
1961	8	.98	1034.	12903.	1406.	662665.	32464.	17634.	9168.	0.	984.	5263.	212353.	5545.
1961	9	.94	0.	11727.	1406.	648938.	3812.	14417.	5799.	0.	804.	0.	197355.	650.
1961	10	.93	897.	7401.	1406.	640434.	13017.	14004.	8123.	0.	781.	0.	189651.	650.
1961	11	.91	514.	736.	1406.	638212.	4065.	12817.	1601.	0.	715.	0.	180704.	650.
1961	12	.89	400.	2934.	1406.	633678.	20.	12714.	2745.	0.	709.	0.	166671.	650.
1962	1	.87	889.	3893.	1406.	628674.	0.	12456.	3118.	0.	695.	0.	152504.	650.
1962	2	.85	517.	6524.	1406.	620667.	0.	11424.	4530.	0.	637.	0.	137956.	650.
1962	3	.82	242.	7424.	1406.	611485.	0.	13849.	4577.	0.	773.	0.	120936.	650.
1962	4	.79	273.	5223.	1406.	604535.	0.	14503.	1817.	0.	809.	0.	106021.	650.
1962	5	.76	814.	12213.	1406.	591136.	0.	15002.	6074.	0.	837.	0.	86351.	650.
1962	6	.78	6471.	4430.	1406.	591177.	34565.	15570.	2079.	0.	869.	0.	104673.	650.
1962	7	.72	0.	19816.	1406.	569362.	0.	17652.	10875.	0.	985.	0.	77552.	650.
1962	8	.67	0.	17564.	1406.	549797.	0.	17634.	6933.	0.	984.	0.	54390.	650.
1962	9	.67	0.	7096.	1406.	540701.	20186.	14417.	2495.	0.	804.	0.	59070.	650.
1962	10	.64	0.	10963.	1406.	527738.	0.	14004.	4235.	0.	781.	0.	42237.	650.
1962	11	.61	0.	4125.	1406.	521614.	0.	12817.	1877.	0.	715.	0.	28948.	650.
1962	12	.60	0.	-216.	1406.	519830.	680.	12714.	284.	0.	709.	0.	18036.	650.
1963	1	.58	0.	3857.	8021.	504564.	1908.	12456.	630.	0.	695.	0.	14878.	650.
1963	2	.57	639.	1056.	7365.	493669.	4568.	11424.	487.	0.	637.	0.	14901.	650.
1963	3	.54	0.	6632.	12750.	468901.	1966.	13849.	1066.	0.	773.	0.	14700.	650.
1963	4	.51	0.	6438.	15711.	440114.	0.	14503.	1394.	0.	809.	0.	14515.	650.
1963	5	.49	3745.	7255.	5304.	429059.	11579.	15002.	1552.	0.	837.	0.	14843.	650.
1963	6	.59	17037.	7822.	1406.	436274.	98346.	15570.	5116.	0.	869.	0.	93909.	650.
1963	7	.55	2159.	12085.	1406.	424348.	0.	17652.	7714.	0.	985.	0.	69950.	650.
1963	8	.51	0.	16029.	1406.	406319.	0.	17634.	6667.	0.	984.	0.	47054.	650.
1963	9	.48	584.	8602.	1406.	396301.	0.	14417.	2943.	0.	804.	0.	31100.	650.
1963	10	.45	591.	7570.	177.	389070.	0.	14004.	2240.	0.	781.	0.	15034.	650.
1963	11	.46	2435.	1835.	1406.	387671.	22743.	12817.	975.	0.	715.	0.	25390.	650.
1963	12	.45	2012.	1282.	1406.	386401.	3787.	12714.	446.	0.	709.	0.	17423.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.43	0.	1626.	10329.	370083.	0.	12456.	405.	0.	695.	0.	14891.	650.
1964	2	.41	0.	1232.	11585.	352371.	0.	11424.	105.	0.	637.	0.	14947.	650.
1964	3	.39	965.	2558.	13054.	332209.	1304.	13849.	660.	0.	773.	0.	14796.	650.
1964	4	.36	0.	5553.	15508.	304596.	0.	14503.	1231.	0.	809.	0.	14569.	650.
1964	5	.33	145.	2652.	13088.	283472.	2318.	15002.	0.	0.	837.	0.	14973.	650.
1964	6	.30	2673.	8467.	14679.	256798.	2220.	15570.	1894.	0.	869.	0.	14407.	650.
1964	7	.27	105.	9035.	17273.	223297.	1749.	17652.	1221.	0.	985.	0.	14557.	650.
1964	8	.26	3302.	7622.	1406.	216977.	23105.	17634.	3056.	0.	984.	0.	18378.	650.
1964	9	.43	681.	5069.	1406.	210588.	170057.	14417.	1306.	0.	804.	0.	174118.	650.
1964	10	.47	7568.	5771.	1406.	210385.	226270.	14004.	3465.	0.	781.	171971.	212353.	160583.
1964	11	.46	8739.	4655.	1406.	212469.	4570.	12817.	7106.	0.	715.	0.	198406.	650.
1964	12	.44	0.	1632.	1406.	208837.	0.	12714.	1633.	0.	709.	0.	185466.	650.
1965	1	.42	508.	995.	1406.	206351.	0.	12456.	2267.	0.	695.	0.	172149.	650.
1965	2	.42	4438.	-2121.	1406.	210909.	0.	11424.	-2896.	0.	637.	0.	165028.	650.
1965	3	.44	0.	2246.	1406.	206663.	39687.	13849.	2430.	0.	773.	0.	189841.	650.
1965	4	.42	6634.	2859.	1406.	208437.	0.	14503.	5237.	0.	809.	0.	171507.	650.
1965	5	.55	68285.	-2622.	1406.	277344.	131459.	15002.	-2695.	0.	837.	79712.	212353.	74782.
1965	6	.54	2048.	6003.	1406.	271390.	44496.	15570.	9626.	0.	869.	20707.	212353.	19907.
1965	7	.50	0.	10266.	1406.	259124.	8478.	17652.	13918.	0.	985.	0.	190668.	650.
1965	8	.46	0.	8956.	1406.	248168.	0.	17634.	11779.	0.	984.	0.	162660.	650.
1965	9	.42	0.	6779.	1406.	239389.	0.	14417.	8872.	0.	804.	0.	140777.	650.
1965	10	.40	1400.	2449.	1406.	236340.	0.	14004.	3296.	0.	781.	0.	124882.	650.
1965	11	.38	111.	2021.	1406.	232430.	1794.	12817.	3267.	0.	715.	0.	111998.	650.
1965	12	.38	4202.	-942.	1406.	235574.	5880.	12714.	-138.	0.	709.	0.	106708.	650.
1966	1	.37	0.	-2163.	1406.	235737.	0.	12456.	-536.	0.	695.	0.	96193.	650.
1966	2	.36	2307.	541.	1406.	235504.	0.	11424.	256.	0.	637.	0.	85920.	650.
1966	3	.34	16.	942.	1406.	232578.	0.	13849.	1840.	0.	773.	0.	71636.	650.
1966	4	.37	16583.	1502.	1406.	245659.	27683.	14503.	-1902.	0.	809.	0.	88123.	650.
1966	5	.53	18314.	-285.	1406.	262257.	206958.	15002.	-4328.	0.	837.	73461.	212353.	68968.
1966	6	.53	9218.	3364.	1406.	266112.	34719.	15570.	193.	0.	869.	20363.	212353.	19587.
1966	7	.50	694.	6546.	1406.	258260.	0.	17652.	7195.	0.	985.	0.	188913.	650.
1966	8	.48	10761.	8069.	1406.	258952.	5490.	17634.	3512.	0.	984.	0.	174662.	650.
1966	9	.52	20929.	3826.	1406.	274056.	31194.	14417.	4381.	0.	804.	0.	188464.	650.
1966	10	.49	469.	5797.	1406.	266728.	1424.	14004.	8291.	0.	781.	0.	168999.	650.
1966	11	.46	0.	2050.	1406.	262677.	189.	12817.	6698.	0.	715.	0.	151078.	650.
1966	12	.44	0.	3470.	1406.	257207.	0.	12714.	3886.	0.	709.	0.	135884.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.42	0.	2141.	1406.	253066.	11.	12456.	893.	0.	695.	0.	123952.	650.
1967	2	.40	146.	848.	1406.	250363.	726.	11424.	2556.	0.	637.	0.	112104.	650.
1967	3	.39	0.	1262.	1406.	247101.	2978.	13849.	4175.	0.	773.	0.	98463.	650.
1967	4	.37	626.	2361.	1406.	243366.	5725.	14503.	4845.	0.	809.	0.	86246.	650.
1967	5	.37	4246.	1935.	1406.	243676.	14105.	15002.	2700.	0.	837.	0.	84055.	650.
1967	6	.33	0.	8449.	1406.	233227.	0.	15570.	6915.	0.	869.	0.	62976.	650.
1967	7	.29	11.	10157.	1406.	221081.	0.	17652.	5534.	0.	985.	0.	41196.	650.
1967	8	.32	8928.	6611.	1406.	221398.	41103.	17634.	333.	0.	984.	0.	65738.	650.
1967	9	.86	339587.	3120.	1406.	555865.	1392125.	14417.	-5005.	0.	804.	1237504.	212353.	1151529.
1967	10	.88	24578.	2947.	1406.	575496.	182132.	14004.	578.	0.	781.	168956.	212353.	157779.
1967	11	.89	13260.	2303.	1406.	584453.	15874.	12817.	4402.	0.	715.	61.	212353.	707.
1967	12	.89	2223.	1388.	1406.	583288.	23723.	12714.	4235.	0.	709.	8180.	212353.	8257.
1968	1	.99	95143.	1457.	1406.	674974.	150581.	12456.	-578.	0.	695.	140109.	212353.	130951.
1968	2	1.00	9962.	-1535.	1406.	684471.	28779.	11424.	578.	0.	637.	18184.	212353.	17561.
1968	3	1.00	8635.	515.	5496.	684774.	10619.	13849.	3633.	0.	773.	0.	210985.	650.
1968	4	.99	6405.	1287.	3598.	684774.	10090.	14503.	3228.	0.	809.	0.	206942.	650.
1968	5	1.00	110820.	1801.	76640.	684774.	203818.	15002.	385.	0.	837.	259660.	212353.	242134.
1968	6	.99	7493.	10010.	1406.	680257.	26124.	15570.	2118.	0.	869.	9843.	212353.	9804.
1968	7	1.00	17116.	11544.	1406.	683829.	18890.	17652.	4956.	0.	985.	0.	210042.	650.
1968	8	.95	391.	12495.	1406.	669725.	4642.	17634.	12008.	0.	984.	0.	186447.	650.
1968	9	.95	3276.	1518.	1406.	669483.	14343.	14417.	6508.	0.	804.	0.	181271.	650.
1968	10	.94	128.	6550.	1406.	661061.	11916.	14004.	703.	0.	781.	0.	179886.	650.
1968	11	.91	0.	8484.	1406.	650577.	3199.	12817.	6459.	0.	715.	0.	165215.	650.
1968	12	.89	542.	4948.	1406.	644172.	6309.	12714.	3622.	0.	709.	0.	156594.	650.
1969	1	.87	77.	2460.	1406.	639789.	2235.	12456.	2713.	0.	695.	0.	145066.	650.
1969	2	.89	3657.	246.	1406.	641200.	18255.	11424.	-7180.	0.	637.	0.	160483.	650.
1969	3	.87	171.	6364.	1406.	633006.	703.	13849.	2096.	0.	773.	0.	146647.	650.
1969	4	.86	868.	1947.	1406.	629928.	10353.	14503.	3116.	0.	809.	0.	140787.	650.
1969	5	.87	2122.	-729.	1406.	630779.	25774.	15002.	2199.	0.	837.	0.	150766.	650.
1969	6	.84	142.	8707.	1406.	620214.	7705.	15570.	9517.	0.	869.	0.	134789.	650.
1969	7	.80	0.	16435.	1406.	601779.	6979.	17652.	8112.	0.	985.	0.	117410.	650.
1969	8	.76	1233.	15199.	1406.	585813.	243.	17634.	3942.	0.	984.	0.	97483.	650.
1969	9	.74	916.	5083.	1406.	579646.	8103.	14417.	5473.	0.	804.	0.	87102.	650.
1969	10	.85	51775.	9649.	1406.	619773.	78055.	14004.	6038.	0.	781.	0.	146521.	650.
1969	11	.92	12341.	7224.	1406.	622890.	71630.	12817.	0.	0.	715.	0.	206740.	650.
1969	12	.93	3358.	5535.	1406.	618713.	39811.	12714.	2888.	0.	709.	20002.	212353.	19252.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1970	1	.92	1710.	2398.	1406.	616025.	9766.	12456.	-385.	0.	695.	0.	211454.	650.
1970	2	.91	811.	3583.	1406.	611253.	5172.	11424.	2651.	0.	637.	0.	203957.	650.
1970	3	.92	6292.	4764.	1406.	610781.	24066.	13849.	3221.	0.	773.	5.	212353.	655.
1970	4	.89	486.	5930.	1406.	603337.	3688.	14503.	5244.	0.	809.	0.	197699.	650.
1970	5	.94	36107.	7667.	1406.	629777.	64168.	15002.	-1348.	0.	837.	37266.	212353.	35307.
1970	6	.95	29094.	13456.	1406.	643415.	157117.	15570.	1925.	0.	869.	141028.	212353.	131806.
1970	7	.91	1107.	12965.	1406.	629557.	5205.	17652.	10672.	0.	985.	0.	190640.	650.
1970	8	.89	1899.	9906.	1406.	619550.	12541.	17634.	8264.	0.	984.	0.	178689.	650.
1970	9	.89	7595.	-11885.	1406.	637030.	185.	14417.	3395.	0.	804.	0.	162467.	650.
1970	10	.89	3504.	7321.	1406.	631213.	22639.	14004.	6946.	0.	781.	0.	165562.	650.
1970	11	.86	396.	7265.	1406.	622344.	1254.	12817.	6002.	0.	715.	0.	149402.	650.
1970	12	.84	372.	6481.	1406.	614235.	4778.	12714.	4049.	0.	709.	0.	138823.	650.
1971	1	.81	349.	6663.	1406.	605921.	1278.	12456.	4467.	0.	695.	0.	124584.	650.
1971	2	.79	33.	5427.	1406.	598527.	511.	11424.	3264.	0.	637.	0.	111813.	650.
1971	3	.76	0.	10505.	1406.	586022.	20.	13849.	5973.	0.	773.	0.	93416.	650.
1971	4	.74	0.	7152.	1406.	576870.	10911.	14503.	3677.	0.	809.	0.	87553.	650.
1971	5	.71	0.	8899.	1406.	565971.	54.	15002.	4731.	0.	837.	0.	69280.	650.
1971	6	.68	3185.	7683.	1406.	559473.	0.	15570.	3602.	0.	869.	0.	51514.	650.
1971	7	.85	5500.	16097.	1406.	546876.	300281.	17652.	13009.	0.	985.	110188.	212353.	103125.
1971	8	1.00	290383.	4889.	103760.	684774.	415914.	17634.	-4235.	0.	984.	506275.	212353.	471486.
1971	9	1.00	23578.	-515.	16937.	684774.	608695.	14417.	-20406.	0.	804.	631621.	212353.	588058.
1971	10	1.00	116320.	1287.	80868.	684774.	830575.	14004.	-578.	0.	781.	898017.	212353.	835805.
1971	11	1.00	15576.	6948.	6066.	684774.	75047.	12817.	6160.	0.	715.	62135.	212353.	58436.
1971	12	1.00	7241.	2573.	3281.	684774.	23125.	12714.	1348.	0.	709.	12345.	212353.	12131.
1972	1	1.00	4631.	2059.	1808.	684774.	16951.	12456.	1540.	0.	695.	4763.	212353.	5080.
1972	2	.99	3483.	3342.	1406.	682915.	8422.	11424.	2670.	0.	637.	0.	208088.	650.
1972	3	.97	1924.	7670.	1406.	675169.	6502.	13849.	5391.	0.	773.	0.	196755.	650.
1972	4	.94	1135.	8357.	1406.	665947.	0.	14503.	2871.	0.	809.	0.	180787.	650.
1972	5	1.00	20067.	2033.	1406.	681981.	152097.	15002.	-4428.	0.	837.	111363.	212353.	104217.
1972	6	.98	2096.	7154.	1406.	674923.	11320.	15570.	3983.	0.	869.	0.	205526.	650.
1972	7	.95	386.	8604.	1406.	664705.	4209.	17652.	6027.	0.	985.	0.	187463.	650.
1972	8	.93	3247.	9777.	1406.	656175.	19160.	17634.	7924.	0.	984.	0.	182470.	650.
1972	9	.97	23639.	7041.	1406.	670774.	30552.	14417.	4301.	0.	804.	0.	195710.	650.
1972	10	.95	2430.	8326.	1406.	662878.	4828.	14004.	2526.	0.	781.	0.	185414.	650.
1972	11	.93	1137.	2759.	1406.	659255.	0.	12817.	3300.	0.	715.	0.	170702.	650.
1972	12	.90	1565.	4496.	1406.	654325.	0.	12714.	3485.	0.	709.	0.	155910.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1973	1	.89	2164.	1494.	1406.	652995.	0.	12456.	1434.	0.	695.	0.	143426.	650.
1973	2	.88	3352.	-498.	1406.	654845.	0.	11424.	307.	0.	637.	0.	133101.	650.
1973	3	.86	2467.	5718.	1406.	649594.	4138.	13849.	3666.	0.	773.	0.	121129.	650.
1973	4	.86	8327.	2236.	1406.	653685.	16349.	14503.	2590.	0.	809.	0.	121791.	650.
1973	5	.84	1626.	10154.	1406.	643157.	4294.	15002.	4885.	0.	837.	0.	107604.	650.
1973	6	.98	29452.	2246.	1406.	668364.	248540.	15570.	-23871.	0.	869.	153498.	212353.	143403.
1973	7	1.00	106563.	10808.	55779.	684774.	38985.	17652.	9240.	0.	985.	67872.	212353.	63771.
1973	8	1.00	22079.	9264.	9009.	684774.	13921.	17634.	2695.	0.	984.	2601.	212353.	3069.
1973	9	1.00	45440.	3088.	29774.	684774.	36310.	14417.	-2888.	0.	804.	54554.	212353.	51385.
1973	10	1.00	87828.	3088.	59572.	684774.	394483.	14004.	-7893.	0.	781.	447944.	212353.	417238.
1973	11	1.00	15714.	8235.	5258.	684774.	59692.	12817.	6738.	0.	715.	45395.	212353.	42867.
1973	12	1.00	8399.	8226.	1406.	682947.	19639.	12714.	6691.	0.	709.	1640.	212353.	2175.
1974	1	1.00	7266.	2058.	2377.	684774.	7505.	12456.	-192.	0.	695.	0.	209971.	650.
1974	2	.97	5165.	7956.	1406.	679983.	0.	11424.	5937.	0.	637.	0.	194016.	650.
1974	3	1.00	14442.	3344.	4434.	684774.	37816.	13849.	-2491.	0.	773.	12555.	212353.	12326.
1974	4	.97	3030.	8966.	1406.	676838.	3992.	14503.	7813.	0.	809.	0.	195435.	650.
1974	5	.97	10227.	7145.	1406.	677920.	17679.	15002.	4738.	0.	837.	0.	194779.	650.
1974	6	.94	3596.	12434.	1406.	667082.	2196.	15570.	3390.	0.	869.	0.	179422.	650.
1974	7	.90	722.	15018.	1406.	650785.	1080.	17652.	10766.	0.	985.	0.	153490.	650.
1974	8	.99	31134.	6278.	1406.	673641.	83900.	17634.	2670.	0.	984.	6138.	212353.	6359.
1974	9	1.00	71154.	7463.	36949.	684774.	121077.	14417.	-1540.	0.	804.	145148.	212353.	135638.
1974	10	.99	8348.	5404.	2070.	684774.	7271.	14004.	4907.	0.	781.	0.	202783.	650.
1974	11	1.00	7564.	2831.	3328.	684774.	17467.	12817.	2635.	0.	715.	0.	208125.	650.
1974	12	.99	6587.	3345.	2279.	684774.	6655.	12714.	2070.	0.	709.	0.	202275.	650.
1975	1	.98	6410.	4117.	1612.	684774.	5940.	12456.	2218.	0.	695.	0.	195153.	650.
1975	2	.98	21313.	4117.	12089.	684774.	5572.	11424.	3846.	0.	637.	0.	197544.	650.
1975	3	.96	5529.	7702.	1406.	680601.	4898.	13849.	5753.	0.	773.	0.	184246.	650.
1975	4	.94	5538.	7156.	1406.	676983.	5280.	14503.	6379.	0.	809.	0.	170050.	650.
1975	5	1.00	55024.	4375.	30129.	684774.	74587.	15002.	4785.	0.	837.	42626.	212353.	40292.
1975	6	1.00	21938.	7977.	9814.	684774.	108813.	15570.	6545.	0.	869.	96512.	212353.	90406.
1975	7	1.00	9641.	10022.	1406.	682393.	65134.	17652.	6545.	0.	985.	42343.	212353.	40029.
1975	8	.98	4389.	11235.	1406.	673546.	13244.	17634.	3042.	0.	984.	0.	206326.	650.
1975	9	.97	8953.	8377.	1406.	672122.	8359.	14417.	4643.	0.	804.	0.	197032.	650.
1975	10	.94	4208.	8848.	1406.	665482.	3222.	14004.	7306.	0.	781.	0.	180349.	650.
1975	11	.93	3788.	8288.	1406.	658982.	11398.	12817.	6379.	0.	715.	0.	173957.	650.
1975	12	.91	3601.	4499.	1406.	656084.	0.	12714.	3022.	0.	709.	0.	159627.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1976	1	.89	3760.	5729.	1406.	652115.	4060.	12456.	4025.	0.	695.	0.	148612.	650.
1976	2	.87	2127.	7676.	1406.	644566.	0.	11424.	4925.	0.	637.	0.	133670.	650.
1976	3	.84	1834.	6637.	1406.	637763.	0.	13849.	4220.	0.	773.	0.	117006.	650.
1976	4	.86	20234.	1976.	1406.	654021.	13739.	14503.	-3607.	0.	809.	0.	121255.	650.
1976	5	.94	59994.	4355.	17495.	684774.	33205.	15002.	154.	0.	837.	0.	156799.	650.
1976	6	.91	6324.	14075.	1406.	675023.	1091.	15570.	5191.	0.	869.	0.	138535.	650.
1976	7	1.00	65453.	4375.	36083.	684774.	89824.	17652.	-6871.	0.	985.	41308.	212353.	39067.
1976	8	1.00	17934.	14925.	2115.	684774.	55173.	17634.	11551.	0.	984.	28103.	212353.	26786.
1976	9	1.00	9256.	7462.	1406.	684568.	96730.	14417.	5390.	0.	804.	78329.	212353.	73496.
1976	10	1.00	40525.	3345.	25993.	684774.	124642.	14004.	-4043.	0.	781.	140673.	212353.	131476.
1976	11	1.00	32483.	772.	22293.	684774.	243951.	12817.	-3273.	0.	715.	256699.	212353.	239380.
1976	12	1.00	21599.	772.	14641.	684774.	97225.	12714.	-2695.	0.	709.	101848.	212353.	95368.
1977	1	1.00	16730.	-772.	12304.	684774.	35617.	12456.	-385.	0.	695.	35850.	212353.	33991.
1977	2	1.00	13571.	4375.	6465.	684774.	20144.	11424.	1925.	0.	637.	13260.	212353.	12982.
1977	3	1.00	11776.	6691.	3575.	684774.	14179.	13849.	5152.	0.	773.	0.	211105.	650.
1977	4	1.00	111433.	515.	77976.	684774.	198831.	14503.	3080.	0.	809.	257975.	212353.	240567.
1977	5	1.00	33294.	5147.	19788.	684774.	66408.	15002.	3465.	0.	837.	67728.	212353.	63637.
1977	6	1.00	12575.	9521.	2147.	684774.	27814.	15570.	7123.	0.	869.	7268.	212353.	7409.
1977	7	.96	5795.	17617.	1406.	670952.	5700.	17652.	12102.	0.	985.	0.	189705.	650.
1977	8	.91	2698.	19326.	1406.	652324.	1209.	17634.	12586.	0.	984.	0.	162099.	650.
1977	9	.87	3541.	14572.	1406.	639293.	527.	14417.	6540.	0.	804.	0.	143075.	650.
1977	10	.85	8591.	10285.	1406.	635599.	3676.	14004.	2894.	0.	781.	0.	131259.	650.
1977	11	.85	9593.	6359.	1406.	636833.	11486.	12817.	3843.	0.	715.	0.	127490.	650.
1977	12	.83	5980.	7085.	1406.	633728.	3162.	12714.	4299.	0.	709.	0.	115045.	650.
1978	1	.83	5806.	2197.	1406.	635337.	3460.	12456.	416.	0.	695.	0.	107039.	650.
1978	2	.82	4363.	2443.	1406.	635256.	2605.	11424.	940.	0.	637.	0.	98687.	650.
1978	3	.79	3175.	9245.	1406.	627186.	2511.	13849.	4948.	0.	773.	0.	83806.	650.
1978	4	.77	2327.	7723.	1406.	619790.	2825.	14503.	3028.	0.	809.	0.	70506.	650.
1978	5	.74	2174.	10520.	1406.	609444.	6305.	15002.	4463.	0.	837.	0.	58752.	650.
1978	6	.85	61248.	8547.	1406.	660144.	60626.	15570.	3587.	0.	869.	0.	101628.	650.
1978	7	.81	1979.	15664.	1406.	644460.	5918.	17652.	9683.	0.	985.	0.	81617.	650.
1978	8	.88	53621.	10076.	2271.	684774.	42129.	17634.	6956.	0.	984.	0.	101427.	650.
1978	9	.93	22565.	3603.	13331.	684774.	49909.	14417.	147.	0.	804.	0.	150103.	650.
1978	10	.90	1915.	7941.	1406.	676748.	704.	14004.	3257.	0.	781.	0.	134952.	650.
1978	11	.89	2640.	3056.	1406.	674332.	5503.	12817.	2826.	0.	715.	0.	126217.	650.
1978	12	.88	2510.	3554.	1406.	671288.	1894.	12714.	2009.	0.	709.	0.	114794.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR — BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1979	1	.88	5066.	254.	1406.	674101.	7516.	12456.	-1408.	0.	695.	0.	112668.	650.
1979	2	.87	3035.	2033.	1406.	673103.	2342.	11424.	275.	0.	637.	0.	104717.	650.
1979	3	.86	11232.	5598.	1406.	676737.	32.	13849.	1966.	0.	773.	0.	90339.	650.
1979	4	.91	31868.	1544.	15668.	684774.	40147.	14503.	139.	0.	809.	0.	131512.	650.
1979	5	.92	10600.	6433.	2929.	684774.	20246.	15002.	1665.	0.	837.	0.	138020.	650.
1979	6	1.00	79525.	7720.	50479.	684774.	162327.	15570.	8663.	0.	869.	114240.	212353.	106893.
1979	7	.98	9577.	10022.	1406.	682329.	5125.	17652.	2261.	0.	985.	0.	198971.	650.
1979	8	.95	2451.	13753.	1406.	669027.	4652.	17634.	8543.	0.	984.	0.	178852.	650.
1979	9	.92	1561.	9310.	1406.	659278.	1445.	14417.	-344.	0.	804.	0.	167630.	650.
1979	10	.88	962.	14163.	1406.	644077.	2473.	14004.	8740.	0.	781.	0.	148764.	650.
1979	11	.86	1113.	7610.	1406.	635580.	0.	12817.	5518.	0.	715.	0.	131835.	650.
1979	12	.84	2612.	3660.	1406.	632532.	3972.	12714.	2497.	0.	709.	0.	122002.	650.
1980	1	.83	3083.	1461.	1406.	632154.	0.	12456.	-3741.	0.	695.	0.	114694.	650.
1980	2	.82	1479.	3645.	1406.	627988.	0.	11424.	1375.	0.	637.	0.	103302.	650.
1980	3	.79	538.	7722.	1406.	618803.	0.	13849.	4005.	0.	773.	0.	86853.	650.
1980	4	.75	246.	10973.	1406.	606076.	0.	14503.	5233.	0.	809.	0.	68522.	650.
1980	5	.98	96850.	3975.	9967.	684774.	129578.	15002.	2961.	0.	837.	0.	190104.	650.
1980	6	.96	8591.	18910.	1406.	672455.	30987.	15570.	13879.	0.	869.	0.	193048.	650.
1980	7	.91	9.	20323.	1406.	650141.	3035.	17652.	15211.	0.	985.	0.	164626.	650.
1980	8	.99	36246.	8295.	1406.	676092.	314054.	17634.	-385.	0.	984.	250484.	212353.	233600.
1980	9	1.00	17144.	8441.	1406.	682795.	20357.	14417.	-963.	0.	804.	8308.	212353.	8377.
1980	10	.97	9251.	10253.	1406.	679794.	371.	14004.	8503.	0.	781.	0.	191623.	650.
1980	11	.95	820.	2553.	1406.	676060.	735.	12817.	1425.	0.	715.	0.	179522.	650.
1980	12	.94	735.	3557.	1406.	671238.	4956.	12714.	3267.	0.	709.	0.	169903.	650.
1981	1	.93	1607.	1519.	1406.	669326.	1363.	12456.	-841.	0.	695.	0.	161057.	650.
1981	2	.91	822.	2777.	1406.	665371.	1081.	11424.	326.	0.	637.	0.	151794.	650.
1981	3	.89	1980.	3521.	1406.	661830.	2304.	13849.	1417.	0.	773.	0.	140238.	650.
1981	4	.89	20377.	4046.	1406.	676162.	2124.	14503.	3596.	0.	809.	0.	125669.	650.
1981	5	1.00	45909.	3603.	23687.	684774.	169403.	15002.	-3080.	0.	837.	94483.	212353.	88520.
1981	6	1.00	130166.	4117.	88612.	684774.	350103.	15570.	-5390.	0.	869.	428536.	212353.	399188.
1981	7	1.00	29639.	11837.	12515.	684774.	139864.	17652.	2888.	0.	985.	131839.	212353.	123261.
1981	8	.99	5895.	10511.	1406.	678158.	16755.	17634.	4002.	0.	984.	0.	208878.	650.
1981	9	.98	5402.	11693.	1406.	669867.	67608.	14417.	10203.	0.	804.	40919.	212353.	38704.
1981	10	1.00	52596.	4375.	23420.	684774.	73254.	14004.	193.	0.	781.	82477.	212353.	77354.
1981	11	1.00	7109.	6941.	1406.	682942.	43940.	12817.	6160.	0.	715.	26368.	212353.	25173.
1981	12	.99	5966.	5644.	1406.	681264.	9648.	12714.	3802.	0.	709.	0.	206891.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1982	1	.98	6079.	5889.	1406.	679454.	8731.	12456.	5033.	0.	695.	0.	199540.	650.
1982	2	.98	5391.	512.	1406.	682333.	9721.	11424.	-186.	0.	637.	0.	199429.	650.
1982	3	.97	5040.	5382.	1406.	679991.	9631.	13849.	3843.	0.	773.	0.	192773.	650.
1982	4	.96	4327.	3581.	1406.	678737.	4747.	14503.	2680.	0.	809.	0.	181743.	650.
1982	5	1.00	13401.	4618.	1931.	684774.	95645.	15002.	-578.	0.	837.	52541.	212353.	49513.
1982	6	.98	4917.	11523.	1406.	676168.	14920.	15570.	10664.	0.	869.	0.	202445.	650.
1982	7	.93	2858.	20178.	1406.	656848.	2304.	17652.	15109.	0.	985.	0.	173394.	650.
1982	8	.88	1687.	17328.	1406.	639206.	3035.	17634.	12947.	0.	984.	0.	147254.	650.
1982	9	.85	1809.	12672.	1406.	626343.	7407.	14417.	9857.	0.	804.	0.	131792.	650.
1982	10	.85	12674.	243.	1406.	636774.	14384.	14004.	4447.	0.	781.	0.	129131.	650.
1982	11	.84	705.	2686.	1406.	632793.	6182.	12817.	2481.	0.	715.	0.	121420.	650.
1982	12	.82	1341.	5102.	1406.	627031.	4029.	12714.	3378.	0.	709.	0.	110763.	650.
1983	1	.80	1733.	2902.	1406.	623862.	0.	12456.	2154.	0.	695.	0.	97559.	650.
1983	2	.79	2170.	0.	1406.	624032.	525.	11424.	-258.	0.	637.	0.	88325.	650.
1983	3	.78	2359.	2412.	1406.	621979.	7519.	13849.	2325.	0.	773.	0.	81075.	650.
1983	4	.75	670.	11488.	1406.	609161.	139.	14503.	5102.	0.	809.	0.	63015.	650.
1983	5	.72	0.	7804.	1406.	599357.	4561.	15002.	3420.	0.	837.	0.	50560.	650.
1983	6	.71	9527.	8932.	1406.	597952.	0.	15570.	0.	0.	869.	0.	36396.	650.
1983	7	.68	321.	11196.	1406.	585076.	3608.	17652.	2262.	0.	985.	0.	21497.	650.
1983	8	.65	39.	10996.	6416.	564992.	6850.	17634.	2342.	0.	984.	0.	14786.	650.
1983	9	.71	16923.	7734.	1406.	572181.	65388.	14417.	2032.	0.	804.	0.	65131.	650.
1983	10	.71	659.	5460.	1406.	565380.	18722.	14004.	2193.	0.	781.	0.	69062.	650.
1983	11	.69	73.	3841.	1406.	559613.	8509.	12817.	3032.	0.	715.	0.	63127.	650.
1983	12	.67	49.	4040.	1406.	553622.	0.	12714.	1559.	0.	709.	0.	50260.	650.
1984	1	.67	0.	1340.	1406.	550282.	7603.	12456.	-77.	0.	695.	0.	46891.	650.
1984	2	.65	0.	4887.	1406.	543396.	1996.	11424.	1637.	0.	637.	0.	37232.	650.
1984	3	.62	0.	7489.	1406.	533907.	2538.	13849.	2209.	0.	773.	0.	25117.	650.
1984	4	.59	0.	10415.	6378.	514420.	0.	14503.	2186.	0.	809.	0.	14806.	650.
1984	5	.56	0.	9547.	9546.	491295.	7077.	15002.	1758.	0.	837.	0.	14668.	650.
1984	6	.54	0.	13070.	3636.	473053.	13595.	15570.	1426.	0.	869.	0.	14903.	650.
1984	7	.52	19.	11571.	6676.	452004.	12735.	17652.	1892.	0.	985.	0.	14771.	650.
1984	8	.48	0.	14871.	16138.	414177.	3304.	17634.	2334.	0.	984.	0.	14244.	650.
1984	9	.44	0.	11168.	14670.	382141.	1469.	14417.	1478.	0.	804.	0.	14488.	650.
1984	10	.53	59683.	1326.	1406.	438498.	34076.	14004.	-706.	0.	781.	0.	36672.	650.
1984	11	.52	0.	2947.	1406.	433551.	12534.	12817.	1060.	0.	715.	0.	36735.	650.
1984	12	.51	0.	1563.	1406.	429989.	5161.	12714.	471.	0.	709.	0.	30117.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1985	1	.54	27754.	595.	1406.	455148.	12265.	12456.	-739.	0.	695.	0.	32071.	650.
1985	2	.53	1210.	1408.	1406.	452950.	3646.	11424.	-380.	0.	637.	0.	26079.	650.
1985	3	.54	3654.	1406.	1406.	453198.	20293.	13849.	491.	0.	773.	0.	33438.	650.
1985	4	.59	6998.	2012.	1406.	456184.	51955.	14503.	-4507.	0.	809.	0.	76802.	650.
1985	5	.69	5492.	3829.	1406.	455847.	96893.	15002.	855.	0.	837.	0.	159244.	650.
1985	6	.73	2759.	-4041.	1406.	460646.	49767.	15570.	2590.	0.	869.	0.	192257.	650.
1985	7	.74	8911.	11317.	1406.	456241.	43836.	17652.	11537.	0.	985.	0.	208310.	650.
1985	8	.69	687.	15376.	1406.	439551.	1569.	17634.	13632.	0.	984.	0.	180019.	650.
1985	9	.69	21947.	4191.	1406.	455307.	0.	14417.	5086.	0.	804.	0.	161923.	650.
1985	10	.82	71023.	2716.	1406.	521615.	74059.	14004.	182.	0.	781.	10848.	212353.	10739.
1985	11	.83	8123.	-1956.	1406.	529693.	108345.	12817.	-770.	0.	715.	97704.	212353.	91515.
1985	12	.82	551.	3048.	1406.	525196.	13395.	12714.	3443.	0.	709.	0.	210997.	650.
1986	1	.80	1274.	3035.	1406.	521435.	0.	12456.	3554.	0.	695.	0.	196394.	650.
1986	2	.79	0.	4743.	1406.	514692.	6277.	11424.	2003.	0.	637.	0.	190650.	650.
1986	3	.75	0.	8545.	1406.	504147.	0.	13849.	7481.	0.	773.	0.	170726.	650.
1986	4	.72	0.	6977.	1406.	495170.	1478.	14503.	6086.	0.	809.	0.	153020.	650.
1986	5	.70	1410.	2311.	1406.	492269.	1039.	15002.	4365.	0.	837.	0.	136098.	650.
1986	6	.76	39629.	-2572.	1406.	532470.	32572.	15570.	2962.	0.	869.	0.	151545.	650.
1986	7	.72	1416.	15410.	1406.	516476.	2372.	17652.	12618.	0.	985.	0.	125053.	650.
1986	8	.67	1204.	14730.	1406.	500950.	1339.	17634.	8011.	0.	984.	0.	102153.	650.
1986	9	.65	10707.	12046.	1406.	497611.	0.	14417.	4486.	0.	804.	0.	84656.	650.
1986	10	.72	64227.	-1309.	1406.	561147.	11889.	14004.	1697.	0.	781.	0.	82250.	650.
1986	11	.72	2730.	2704.	1406.	559173.	14966.	12817.	490.	0.	715.	0.	85315.	650.
1986	12	.77	31026.	-2749.	1406.	590948.	22184.	12714.	-1028.	0.	709.	0.	97219.	650.
1987	1	.77	11204.	1872.	1406.	598280.	10990.	12456.	917.	0.	695.	0.	96243.	650.
1987	2	.79	5537.	-2593.	1406.	604410.	14970.	11424.	-2539.	0.	637.	0.	103734.	650.
1987	3	.79	8485.	4971.	1406.	605924.	15039.	13849.	3347.	0.	773.	0.	102983.	650.
1987	4	.77	5701.	8977.	1406.	600648.	0.	14503.	2207.	0.	809.	0.	87679.	650.
1987	5	.79	17295.	2846.	1406.	613097.	15801.	15002.	-2048.	0.	837.	0.	91931.	650.
1987	6	1.00	495187.	-3860.	300441.	684774.	131940.	15570.	-8085.	0.	869.	304475.	212353.	283812.
1987	7	1.00	78727.	12609.	46481.	684774.	70508.	17652.	8085.	0.	985.	91252.	212353.	85514.
1987	8	.98	20346.	17756.	1821.	684774.	10754.	17634.	12907.	0.	984.	0.	194387.	650.
1987	9	.98	11981.	10291.	1406.	684464.	18292.	14417.	8813.	0.	804.	0.	190855.	650.
1987	10	.95	6306.	14324.	1406.	674446.	5964.	14004.	5128.	0.	781.	0.	179092.	650.
1987	11	.95	7847.	4835.	1406.	675458.	7328.	12817.	1731.	0.	715.	0.	173278.	650.
1987	12	.94	8261.	3825.	1406.	677894.	3887.	12714.	2867.	0.	709.	0.	162990.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1988	1	.93	8310.	4600.	1406.	679604.	2732.	12456.	2448.	0.	695.	0.	152224.	650.
1988	2	.92	7609.	4097.	1406.	681116.	783.	11424.	2048.	0.	637.	0.	140941.	650.
1988	3	.90	6073.	6653.	1406.	678536.	921.	13849.	4192.	0.	773.	0.	125226.	650.
1988	4	.87	3392.	6877.	1406.	673051.	2546.	14503.	5628.	0.	809.	0.	109047.	650.
1988	5	.85	6383.	5582.	1406.	671852.	0.	15002.	4479.	0.	837.	0.	90972.	650.
1988	6	.82	8164.	13642.	1406.	664374.	0.	15570.	5111.	0.	869.	0.	71697.	650.
1988	7	.81	23420.	11383.	1406.	674411.	0.	17652.	4868.	0.	985.	0.	50583.	650.
1988	8	.78	5157.	15413.	1406.	662155.	4366.	17634.	3983.	0.	984.	0.	34738.	650.
1988	9	.76	724.	9988.	1406.	650891.	8559.	14417.	174.	0.	804.	0.	30112.	650.
1988	10	.74	2390.	9391.	1406.	641890.	4748.	14004.	1658.	0.	781.	0.	20603.	650.
1988	11	.72	0.	9050.	1406.	630840.	9671.	12817.	1525.	0.	715.	0.	17338.	650.
1988	12	.72	0.	6055.	1406.	622785.	18030.	12714.	769.	0.	709.	0.	23291.	650.
1989	1	.72	2578.	723.	1406.	622640.	15243.	12456.	297.	0.	695.	0.	27188.	650.
1989	2	.72	4085.	2892.	1406.	621832.	4197.	11424.	1406.	0.	637.	0.	19961.	650.
1989	3	.71	6267.	7455.	1642.	618308.	9523.	13849.	2275.	0.	773.	0.	15002.	650.
1989	4	.70	11752.	6701.	7457.	612752.	8649.	14503.	1863.	0.	809.	0.	14742.	650.
1989	5	.69	7638.	15640.	3556.	599691.	14432.	15002.	2803.	0.	837.	0.	14925.	650.
1989	6	.68	8904.	13134.	1406.	593461.	22324.	15570.	2781.	0.	869.	0.	20304.	650.
1989	7	.68	6907.	16492.	1406.	581876.	31430.	17652.	4200.	0.	985.	0.	31288.	650.
1989	8	.68	6922.	14693.	1406.	572104.	27912.	17634.	5108.	0.	984.	0.	37864.	650.
1989	9	.66	154.	12460.	1406.	557799.	13373.	14417.	4661.	0.	804.	0.	33565.	650.
1989	10	.65	1903.	8499.	1406.	549203.	13532.	14004.	2177.	0.	781.	0.	32322.	650.
1989	11	.64	1288.	3555.	1406.	544936.	10846.	12817.	1614.	0.	715.	0.	30143.	650.
1989	12	.64	74.	0.	1406.	543010.	11438.	12714.	709.	0.	709.	0.	29564.	650.

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.033$	.072$	.067$	.068$	.106$	.174$	.171$	.094$	.085$	.061$	.037$	
MAX $	6663.$	7999.$	10505.$	11488.$	15640.$	18910.$	20323.$	19359.$	15792.$	14324.$	9132.$	8226.$	120360.$
MIN $	-6433.$	-4117.$	257.$	-5334.$	-6923.$	-12867.$	-3345.$	4889.$	-19300.$	-5147.$	-2450.$	-16022.$	18668.$
MEAN $	2485.$	2496.$	5435.$	5100.$	5121.$	8005.$	13151.$	12948.$	7102.$	6458.$	4593.$	2802.$	75697.$
GMEAN $	1070.$	609.$	4522.$	2640.$	1379.$	3288.$	10848.$	12204.$	2898.$	2794.$	2724.$	722.$	71972.$
MEDIAN$	2516.$	2632.$	5725.$	5262.$	5150.$	8458.$	12754.$	13948.$	7620.$	6261.$	4603.$	3440.$	77864.$
STDDEV$	2536.7$	2631.2$	2459.9$	3590.0$	4272.1$	5681.0$	4393.4$	4069.2$	6364.7$	4413.6$	2824.8$	3693.7$	21234.9$
SKEW $	-.04$	-.16$	-.35$	-.13$	-.02$	-.24$	.27$	-.74$	-.24$	.13$	-.01$	-.52$	-.31$
CCR RELEASE-ADJ													
PER % $	.043$	.055$	.031$	.071$	.107$	.245$	.116$	.055$	.116$	.107$	.032$	.024$	
MAX $	59242.$	81426.$	13268.$	77976.$	98323.$	395159.$	100247.$	103760.$	74360.$	83719.$	25840.$	14641.$	598594.$
MIN $	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	177.$	1406.$	1406.$	16872.$
MEAN $	3262.$	4104.$	2345.$	5316.$	8036.$	18410.$	8698.$	4141.$	8732.$	8025.$	2426.$	1771.$	75266.$
GMEAN $	1847.$	1898.$	1771.$	2212.$	2659.$	2738.$	2452.$	1932.$	2545.$	2437.$	1681.$	1555.$	39421.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	21588.$
STDDEV$	7970.0$	11353.5$	2757.1$	13167.5$	18629.4$	65606.5$	20505.8$	13680.7$	18841.9$	17751.2$	4261.8$	1798.9$	106418.7$
SKEW $	.70$	.71$	1.02$	.89$	1.07$	.78$	1.07$	.60$	1.17$	1.12$	.72$	.61$	1.51$
CCR E-O-M													
PER % $	.084$	.083$	.083$	.083$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	8183869.$
MIN $	206351.$	210909.$	206663.$	208437.$	243676.$	233227.$	221081.$	216977.$	210588.$	210385.$	212469.$	208837.$	2832119.$
MEAN $	597252.$	594841.$	589545.$	589010.$	597252.$	601433.$	593560.$	587673.$	594579.$	598453.$	595554.$	594379.$	7133532.$
GMEAN $	580340.$	577761.$	572073.$	571897.$	581940.$	584776.$	574981.$	568369.$	578508.$	582627.$	579563.$	578132.$	6959285.$
MEDIAN$	644833.$	642883.$	635385.$	631198.$	637332.$	654633.$	648595.$	644230.$	636977.$	638604.$	636207.$	633703.$	7745656.$
STDDEV$	117680.8$	118457.2$	119384.3$	118868.2$	114809.9$	118398.8$	123252.5$	125511.4$	115793.1$	114283.0$	114771.3$	115471.1$	1332123.0$
SKEW $	-1.21$	-1.22$	-1.15$	-1.06$	-1.05$	-1.35$	-1.34$	-1.35$	-1.10$	-1.05$	-1.06$	-1.02$	-1.38$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.081$	.084$	.087$	.091$	.103$	.102$	.084$	.081$	.074$	.074$	
MAX $	695.$	637.$	773.$	809.$	837.$	869.$	985.$	984.$	804.$	781.$	715.$	709.$	9600.$
MIN $	695.$	637.$	773.$	809.$	837.$	869.$	985.$	984.$	804.$	781.$	715.$	709.$	9600.$
MEAN $	695.$	637.$	773.$	809.$	837.$	869.$	985.$	984.$	804.$	781.$	715.$	709.$	9600.$

GMEAN $	695.$	637.$	773.$	809.$	837.$	869.$	985.$	984.$	804.$	781.$	715.$	709.$	9600.$
MEDIAN$	695.$	637.$	773.$	809.$	837.$	869.$	985.$	984.$	804.$	781.$	715.$	709.$	9600.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.103$	.084$	.081$	.075$	.074$	
MAX $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
MIN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
MEAN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
GMEAN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17635.$	14417.$	14004.$	12817.$	12714.$	172043.$
MEDIAN$	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.029$	.075$	.068$	.058$	.098$	.194$	.173$	.076$	.080$	.076$	.044$	
MAX $	5033.$	5937.$	7481.$	7813.$	9013.$	13879.$	15211.$	13756.$	10999.$	8740.$	7106.$	6691.$	71566.$
MIN $	-6160.$	-7180.$	-2491.$	-5005.$	-5583.$	-23871.$	-6871.$	-4235.$	-20406.$	-7893.$	-3273.$	-7381.$	3595.$
MEAN $	1176.$	1187.$	3101.$	2800.$	2403.$	4049.$	7989.$	7136.$	3139.$	3312.$	3144.$	1807.$	41243.$
GMEAN $	234.$	319.$	1859.$	1289.$	479.$	1741.$	5472.$	4373.$	727.$	1091.$	1474.$	670.$	37515.$
MEDIAN$	1514.$	1456.$	3178.$	3080.$	3316.$	4413.$	8077.$	7117.$	4341.$	3381.$	3233.$	2162.$	42013.$
STDDEV$	2158.5$	2390.3$	1918.4$	2726.6$	3306.9$	5332.0$	4547.5$	4191.7$	5337.8$	3978.9$	2394.2$	2462.6$	15290.6$
SKEW $	-.47$	-.34$	-.12$	-.31$	-.83$	-.20$	-.06$	.01$	-.68$	-.05$	-.11$	-.43$	-.15$
LCC UNCTRL SPILLS													
PER % $	.033$	.026$	.009$	.036$	.122$	.199$	.094$	.048$	.206$	.174$	.042$	.011$	
MAX $	280193.$	360054.$	163362.$	257975.$	502437.$	1562726.$	470095.$	506275.$	1237504.$	898017.$	256699.$	101848.$	2375614.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	11612.$	9228.$	3274.$	12711.$	43239.$	70630.$	33425.$	16953.$	72957.$	61496.$	14834.$	3771.$	354130.$
GMEAN $	5.$	3.$	2.$	5.$	54.$	94.$	21.$	8.$	34.$	41.$	11.$	4.$	9404.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	133981.$
STDDEV$	43249.2$	48735.0$	21659.7$	42838.4$	94397.5$	220867.7$	82981.8$	74998.9$	198749.7$	152495.2$	43875.4$	15053.5$	517315.0$
SKEW $	.81$	.57$	.45$	.89$	1.37$	.96$	1.21$	.68$	1.10$	1.21$	1.01$	.75$	1.28$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.082$	.078$	.075$	.074$	.083$	.089$	.088$	.084$	.089$	.089$	.087$	.083$	
MAX $	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	2515096.$
MIN $	14878.$	14901.$	14700.$	14515.$	14668.$	14407.$	14323.$	14244.$	14488.$	15034.$	17338.$	17423.$	300644.$
MEAN $	146731.$	139880.$	134294.$	132676.$	148304.$	160063.$	157123.$	150209.$	159256.$	160458.$	155387.$	149506.$	1793887.$
GMEAN $	125603.$	116830.$	111452.$	110606.$	123228.$	134792.$	131475.$	124872.$	138851.$	140460.$	134650.$	128265.$	1620776.$
MEDIAN$	162988.$	158184.$	145932.$	137538.$	161008.$	191511.$	185980.$	177588.$	178389.$	180118.$	176739.$	164831.$	1956141.$
STDDEV$	59680.5$	60661.5$	60468.2$	59956.4$	64586.7$	64906.6$	64532.4$	63802.3$	60254.0$	60108.6$	61310.6$	60317.9$	600244.4$
SKEW $	-.82$	-.91$	-.58$	-.24$	-.59$	-1.45$	-1.34$	-1.29$	-.95$	-.98$	-1.04$	-.76$	-.81$
TOTAL INFLOW TO THE BAY													
PER % $	.034$	.027$	.011$	.037$	.121$	.197$	.094$	.049$	.203$	.172$	.043$	.012$	
MAX $	261229.$	335500.$	152577.$	240567.$	467916.$	1453985.$	437838.$	471486.$	1151529.$	835805.$	239380.$	95368.$	2217121.$
MIN $	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
MEAN $	11449.$	9232.$	3695.$	12471.$	40862.$	66336.$	31735.$	16417.$	68500.$	57841.$	14446.$	4157.$	337141.$
GMEAN $	1174.$	983.$	807.$	1221.$	3431.$	4208.$	2382.$	1295.$	3077.$	3259.$	1573.$	1008.$	102290.$
MEDIAN$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	132402.$
STDDEV$	40221.8$	45323.6$	20143.5$	39839.7$	87789.7$	205406.9$	77173.0$	69749.0$	184837.2$	141820.5$	40804.1$	13999.7$	481103.0$
SKEW $	.81$	.57$	.45$	.89$	1.37$	.96$	1.21$	.68$	1.10$	1.21$	1.01$	.75$	1.28$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.075$	.074$	
MAX $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
MIN $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
MEAN $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
GMEAN $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
MEDIAN$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI							B & E
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75256.$	34142.$	655091.$	323703.$	172043.$	46972.$	0.$	9600.$	140110.$	211073.$	138102.$
1935$	899837.$	18668.$	598594.$	684774.$	1971228.$	172043.$	28198.$	0.$	9600.$	2375614.$	205041.$	2217121.$
1936$	282578.$	46353.$	166066.$	684774.$	749398.$	172043.$	25118.$	0.$	9600.$	710991.$	212353.$	669022.$
1937$	66555.$	84530.$	16872.$	642799.$	128035.$	172043.$	46758.$	0.$	9600.$	0.$	138459.$	7800.$
1938$	95147.$	102815.$	26939.$	596811.$	325114.$	172043.$	62070.$	0.$	9600.$	127749.$	128650.$	126606.$
1939$	76749.$	83807.$	16872.$	565753.$	269616.$	172043.$	60686.$	0.$	9600.$	0.$	182409.$	7800.$
1940$	208894.$	64973.$	20174.$	680977.$	779993.$	172043.$	46107.$	0.$	9600.$	552074.$	212353.$	521229.$
1941$	446252.$	34022.$	294794.$	673869.$	994963.$	172043.$	18327.$	0.$	9600.$	1126703.$	185038.$	1055634.$
1942$	342179.$	55310.$	205482.$	668445.$	945113.$	172043.$	30098.$	0.$	9600.$	948345.$	185146.$	889761.$
1943$	71937.$	88098.$	16872.$	628283.$	161056.$	172043.$	49411.$	0.$	9600.$	0.$	141621.$	7800.$
1944$	131110.$	74211.$	16872.$	661182.$	630193.$	172043.$	45467.$	0.$	9600.$	392967.$	178209.$	373259.$
1945$	107492.$	90562.$	16872.$	654113.$	447692.$	172043.$	57553.$	0.$	9600.$	232553.$	180624.$	224074.$
1946$	323039.$	57705.$	172932.$	673456.$	1010103.$	172043.$	33025.$	0.$	9600.$	969533.$	189057.$	909466.$
1947$	36172.$	87863.$	16872.$	597765.$	279647.$	172043.$	52866.$	0.$	9600.$	111902.$	148765.$	111869.$
1948$	42109.$	87644.$	16872.$	528230.$	115220.$	172043.$	41766.$	0.$	9600.$	0.$	67048.$	7800.$
1949$	218812.$	59785.$	16872.$	663257.$	757726.$	172043.$	42819.$	0.$	9600.$	433389.$	193394.$	410852.$
1950$	20676.$	102813.$	16872.$	557120.$	188694.$	172043.$	71566.$	0.$	9600.$	35890.$	119461.$	41178.$
1951$	153199.$	84922.$	16872.$	601397.$	338469.$	172043.$	56406.$	0.$	9600.$	67218.$	179136.$	70312.$
1952$	32784.$	87350.$	16872.$	522831.$	143335.$	172043.$	53398.$	0.$	9600.$	0.$	113902.$	7800.$
1953$	256286.$	79490.$	21295.$	669336.$	468874.$	172043.$	42604.$	0.$	9600.$	191355.$	198069.$	185760.$
1954$	34820.$	117594.$	16872.$	562562.$	226784.$	172043.$	71341.$	0.$	9600.$	56437.$	141904.$	60287.$
1955$	39869.$	120360.$	16872.$	458072.$	116167.$	172043.$	54570.$	0.$	9600.$	0.$	48330.$	7800.$
1956$	53601.$	97411.$	56406.$	334026.$	123426.$	172043.$	20562.$	0.$	9600.$	0.$	35556.$	7800.$
1957$	423638.$	69106.$	17116.$	664211.$	1248395.$	172043.$	41080.$	0.$	9600.$	888175.$	199769.$	833803.$
1958$	465123.$	52594.$	275552.$	684774.$	1254231.$	172043.$	25984.$	0.$	9600.$	1319173.$	212353.$	1234631.$
1959$	129998.$	89094.$	34510.$	676589.$	357269.$	172043.$	54844.$	0.$	9600.$	174006.$	203239.$	169625.$
1960$	92022.$	60022.$	16872.$	684589.$	415631.$	172043.$	28152.$	0.$	9600.$	223194.$	212353.$	215370.$
1961$	120225.$	76429.$	66579.$	633678.$	243964.$	172043.$	56329.$	0.$	9600.$	127853.$	166671.$	126703.$
1962$	9206.$	99054.$	16872.$	519830.$	55431.$	172043.$	48895.$	0.$	9600.$	0.$	18036.$	7800.$
1963$	29202.$	80463.$	57764.$	386401.$	144897.$	172043.$	31231.$	0.$	9600.$	0.$	17423.$	7800.$
1964$	24178.$	55874.$	102545.$	208837.$	431593.$	172043.$	22081.$	0.$	9600.$	171971.$	185466.$	167733.$
1965$	87626.$	36889.$	16872.$	235574.$	231794.$	172043.$	54963.$	0.$	9600.$	100418.$	106708.$	101189.$
1966$	79291.$	33658.$	16872.$	257207.$	307657.$	172043.$	29486.$	0.$	9600.$	93823.$	135884.$	95056.$
1967$	393605.$	43524.$	16872.$	583288.$	1678502.$	172043.$	32161.$	0.$	9600.$	1414701.$	212353.$	1323472.$
1968$	259911.$	59072.$	98388.$	644172.$	489310.$	172043.$	43619.$	0.$	9600.$	427795.$	156594.$	405649.$
1969$	76660.$	78119.$	16872.$	618713.$	269846.$	172043.$	38914.$	0.$	9600.$	20002.$	212353.$	26402.$
1970$	89373.$	69851.$	16872.$	614235.$	310579.$	172043.$	50638.$	0.$	9600.$	178299.$	138823.$	173618.$
1971$	462165.$	77608.$	220754.$	684774.$	2266411.$	172043.$	21013.$	0.$	9600.$	2220580.$	212353.$	2072939.$
1972$	65740.$	71617.$	17274.$	654325.$	254041.$	172043.$	39590.$	0.$	9600.$	116126.$	155910.$	115797.$
1973$	333411.$	64057.$	169234.$	682947.$	836351.$	172043.$	3595.$	0.$	9600.$	773504.$	212353.$	727158.$

1974$	169235.$	82243.$	59871.$	684774.$	306638.$	172043.$	40703.$	0.$	9600.$	163842.$	202275.$	160173.$
1975$	150332.$	86714.$	64892.$	656084.$	306447.$	172043.$	60462.$	0.$	9600.$	181481.$	159627.$	176578.$
1976$	281523.$	72099.$	127056.$	684774.$	759640.$	172043.$	14967.$	0.$	9600.$	646960.$	212353.$	609473.$
1977$	235577.$	100720.$	130690.$	633728.$	388753.$	172043.$	62626.$	0.$	9600.$	382082.$	115045.$	363136.$
1978$	164323.$	84569.$	29662.$	671288.$	184389.$	172043.$	42259.$	0.$	9600.$	0.$	114794.$	7800.$
1979$	159602.$	82100.$	81730.$	632532.$	250277.$	172043.$	38515.$	0.$	9600.$	114240.$	122002.$	114043.$
1980$	174992.$	100109.$	25433.$	671238.$	504073.$	172043.$	50770.$	0.$	9600.$	258792.$	169903.$	248477.$
1981$	307468.$	70583.$	159482.$	681264.$	877447.$	172043.$	23274.$	0.$	9600.$	804623.$	206891.$	756099.$
1982$	60229.$	89715.$	17397.$	627031.$	180736.$	172043.$	69677.$	0.$	9600.$	52541.$	110763.$	56663.$
1983$	34523.$	76806.$	21882.$	553622.$	115821.$	172043.$	26163.$	0.$	9600.$	0.$	50260.$	7800.$
1984$	59702.$	90193.$	65479.$	429989.$	102088.$	172043.$	15668.$	0.$	9600.$	0.$	30117.$	7800.$
1985$	159109.$	39901.$	16872.$	525196.$	476023.$	172043.$	31419.$	0.$	9600.$	108552.$	210997.$	108753.$
1986$	153623.$	63872.$	16872.$	590948.$	94116.$	172043.$	52723.$	0.$	9600.$	0.$	97219.$	7800.$
1987$	676877.$	75852.$	361397.$	677894.$	305473.$	172043.$	33329.$	0.$	9600.$	395727.$	162990.$	375826.$
1988$	71622.$	102731.$	16872.$	622785.$	52356.$	172043.$	36884.$	0.$	9600.$	0.$	23291.$	7800.$
1989$	58472.$	102245.$	25309.$	543010.$	182899.$	172043.$	29893.$	0.$	9600.$	0.$	29564.$	7800.$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	87960.$	3523.$	650.$	6401.$	650.$	650.$	650.$	650.$	650.$	650.$	35017.$	650.$	138102.$
1935$	650.$	650.$	4152.$	41910.$	168539.$	1453985.$	85799.$	94572.$	328687.$	36876.$	650.$	650.$	2217121.$
1936$	650.$	650.$	650.$	650.$	67797.$	35112.$	303016.$	650.$	98574.$	153393.$	6963.$	918.$	669022.$
1937$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1938$	50885.$	650.$	650.$	48726.$	21145.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	126606.$
1939$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1940$	650.$	650.$	650.$	27641.$	55954.$	171905.$	208530.$	27006.$	650.$	650.$	10815.$	16127.$	521229.$
1941$	650.$	65712.$	4058.$	148553.$	467916.$	114089.$	63610.$	650.$	180735.$	8360.$	650.$	650.$	1055634.$
1942$	650.$	650.$	650.$	650.$	650.$	650.$	437838.$	1564.$	417023.$	28136.$	650.$	650.$	889761.$
1943$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1944$	650.$	650.$	650.$	650.$	650.$	93299.$	650.$	650.$	273460.$	650.$	650.$	650.$	373259.$
1945$	650.$	650.$	650.$	55064.$	16692.$	15595.$	650.$	650.$	650.$	131523.$	650.$	650.$	224074.$
1946$	650.$	650.$	650.$	650.$	81397.$	95819.$	650.$	5445.$	239318.$	482937.$	650.$	650.$	909466.$
1947$	650.$	650.$	650.$	650.$	77706.$	7099.$	17461.$	4402.$	650.$	650.$	650.$	650.$	111869.$
1948$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1949$	650.$	650.$	650.$	98306.$	182857.$	55358.$	58880.$	10900.$	650.$	650.$	650.$	650.$	410852.$
1950$	650.$	650.$	650.$	650.$	650.$	34028.$	650.$	650.$	650.$	650.$	650.$	650.$	41178.$
1951$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	63162.$	650.$	650.$	650.$	70312.$
1952$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1953$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	121171.$	42231.$	16508.$	650.$	185760.$
1954$	650.$	650.$	650.$	650.$	650.$	650.$	53137.$	650.$	650.$	650.$	650.$	650.$	60287.$
1955$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1956$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1957$	650.$	650.$	650.$	650.$	355141.$	359344.$	650.$	650.$	31576.$	56206.$	26987.$	650.$	833803.$
1958$	261229.$	335500.$	152577.$	650.$	2350.$	9331.$	67498.$	650.$	9772.$	226734.$	164636.$	3703.$	1234631.$
1959$	9295.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	153831.$	650.$	650.$	169625.$
1960$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	103209.$	62006.$	44305.$	215370.$
1961$	30560.$	49195.$	650.$	650.$	650.$	36203.$	650.$	5545.$	650.$	650.$	650.$	650.$	126703.$
1962$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1963$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1964$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	160583.$	650.$	650.$	167733.$
1965$	650.$	650.$	650.$	650.$	74782.$	19907.$	650.$	650.$	650.$	650.$	650.$	650.$	101189.$
1966$	650.$	650.$	650.$	650.$	68968.$	19587.$	650.$	650.$	650.$	650.$	650.$	650.$	95056.$
1967$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	1151529.$	157779.$	707.$	8257.$	1323472.$
1968$	130951.$	17561.$	650.$	650.$	242134.$	9804.$	650.$	650.$	650.$	650.$	650.$	650.$	405649.$
1969$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	19252.$	26402.$
1970$	650.$	650.$	655.$	650.$	35307.$	131806.$	650.$	650.$	650.$	650.$	650.$	650.$	173618.$
1971$	650.$	650.$	650.$	650.$	650.$	650.$	103125.$	471486.$	588058.$	835805.$	58436.$	12131.$	2072939.$
1972$	5080.$	650.$	650.$	650.$	104217.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	115797.$
1973$	650.$	650.$	650.$	650.$	650.$	143403.$	63771.$	3069.$	51385.$	417238.$	42867.$	2175.$	727158.$
1974$	650.$	650.$	12326.$	650.$	650.$	650.$	650.$	6359.$	135638.$	650.$	650.$	650.$	160173.$

1975$	650.$	650.$	650.$	650.$	40292.$	90406.$	40029.$	650.$	650.$	650.$	650.$	650.$	176578.$
1976$	650.$	650.$	650.$	650.$	650.$	650.$	39067.$	26786.$	73496.$	131476.$	239380.$	95368.$	609473.$
1977$	33991.$	12982.$	650.$	240567.$	63637.$	7409.$	650.$	650.$	650.$	650.$	650.$	650.$	363136.$
1978$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1979$	650.$	650.$	650.$	650.$	650.$	106893.$	650.$	650.$	650.$	650.$	650.$	650.$	114043.$
1980$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	233600.$	8377.$	650.$	650.$	650.$	248477.$
1981$	650.$	650.$	650.$	650.$	88520.$	399188.$	123261.$	650.$	38704.$	77354.$	25173.$	650.$	756099.$
1982$	650.$	650.$	650.$	650.$	49513.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	56663.$
1983$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1984$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1985$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	10739.$	91515.$	650.$	108753.$
1986$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1987$	650.$	650.$	650.$	650.$	650.$	283812.$	85514.$	650.$	650.$	650.$	650.$	650.$	375826.$
1988$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1989$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$

CONDITIONAL PROBABILITY MODELING BASE2 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1935$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1936$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1937$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1938$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1939$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1940$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1941$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1942$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1943$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1944$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1945$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1946$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1947$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1948$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1949$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1950$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1951$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1952$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1953$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1954$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1955$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1956$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1957$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1958$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1959$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1960$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1961$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1962$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1963$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1964$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1965$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1966$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1967$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1968$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1969$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1970$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1971$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1972$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1973$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1974$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$

1975$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1976$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1977$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1978$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1979$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1980$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1981$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1982$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1983$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1984$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1985$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1986$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1987$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1988$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1989$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK	0
IBEG	1934
IEND	1989
ISKIP	0
LONGPR	1
MODE	0
KSIM	31
KZONE	0
FLIMIT	.05
RTNFLW	.06
ALOSS	.93
DEMAND	197000.
REQREL	2000.
BEDEMM	0.
TOTCAP	852637.
TOT5	852637.
TOT4	852637.
TOT3	707689.
TOT2	341055.
LCCMAX	174673.
LCC76	6006.
LCCMIN	0.
CCRMAX	677964.
CCR155	2818.
CCRMIN	2818.

DEMDIS		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
TRIGGERS		1.00	1.00	.83	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.06$	.05$	.07$	.10$	.71$
2	.06$	.05$	.07$	.11$	.70$
3	.07$	.05$	.08$	.12$	.68$
4	.07$	.05$	.08$	.14$	.66$
5	.07$	.05$	.09$	.16$	.64$
6	.07$	.05$	.09$	.18$	.61$
7	.07$	.05$	.09$	.31$	.49$
8	.08$	.06$	.10$	.46$	.29$
9	.09$	.07$	.15$	.51$	.18$
10	.11$	.09$	.32$	.39$	.09$
11	.14$	.10$	.47$	.24$	.05$
12	.16$	.15$	.50$	.16$	.02$
13	.19$	.34$	.36$	.10$	.01$
14	.24$	.48$	.22$	.06$	.00$
15	.32$	.49$	.16$	.03$	.00$
16	.56$	.33$	.10$	.01$	.00$
17	.71$	.22$	.06$	.01$	.00$
18	.81$	.15$	.03$	.00$	.00$
19	.88$	.10$	.01$	.00$	.00$
20	.93$	.07$	.01$	.00$	.00$
21	.96$	.04$	.00$	.00$	.00$
22	.98$	.02$	.00$	.00$	.00$
23	.99$	.01$	.00$	.00$	.00$
24	1.00$	.00$	.00$	.00$	.00$
25	1.00$	.00$	.00$	.00$	.00$
26	1.00$	.00$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	230$	0$	89$	.342$	.000$	.132$
2$	133$	0$	93$	.198$	.000$	.138$
3$	71$	0$	100$	.106$	.000$	.149$
4$	32$	0$	117$	.048$	.000$	.174$
5$	14$	0$	125$	.021$	.000$	.186$
6$	5$	0$	138$	.007$	.000$	.205$
7$	3$	0$	149$	.004$	.000$	.222$
8$	1$	0$	150$	.001$	.000$	.223$
9$	0$	0$	150$	.000$	.000$	.223$
10$	0$	0$	150$	.000$	.000$	.223$
11$	0$	0$	150$	.000$	.000$	.223$
12$	0$	0$	150$	.000$	.000$	.223$
13$	0$	0$	150$	.000$	.000$	.223$
14$	0$	0$	150$	.000$	.000$	.223$
15$	0$	0$	150$	.000$	.000$	.223$
16$	0$	0$	150$	.000$	.000$	.223$
17$	0$	0$	151$	.000$	.000$	.225$
18$	0$	0$	151$	.000$	.000$	.225$
19$	0$	0$	151$	.000$	.000$	.225$
20$	0$	0$	152$	.000$	.000$	.226$
21$	0$	0$	153$	.000$	.000$	.228$
22$	0$	0$	154$	.000$	.000$	.229$
23$	0$	0$	154$	.000$	.000$	.229$
24$	0$	0$	154$	.000$	.000$	.229$
25$	0$	0$	154$	.000$	.000$	.229$
26$	0$	0$	154$	.000$	.000$	.229$
27$	0$	0$	154$	.000$	.000$	.229$
28$	0$	0$	157$	.000$	.000$	.234$
29$	0$	0$	161$	.000$	.000$	.240$
30$	0$	0$	164$	.000$	.000$	.244$
31$	0$	0$	164$	.000$	.000$	.244$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	4$	4$	4$	2$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	5$	5$	3$	4$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	3$	3$	6$	6$	6$	5$	2$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	3$	3$	1$	2$	3$	4$	7$	5$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	6$	5$	5$	5$	6$	6$	6$	6$	7$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	3$	4$	5$	3$	3$	4$	4$	4$	3$	7$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	4$	3$	2$	4$	1$	1$	2$	5$	4$	3$	6$	1$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	3$	4$	3$	3$	5$	4$	4$	3$	6$	5$	5$	8$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	2$	2$	4$	4$	5$	6$	5$	2$	3$	5$	6$	4$	6$	5$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	5$	5$	4$	4$	4$	4$	5$	7$	2$	3$	2$	5$	3$	5$	6$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	1$	1$	2$	2$	2$	2$	2$	3$	7$	3$	3$	2$	6$	4$	4$	6$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	2$	2$	2$	2$	2$	2$	2$	2$	2$	7$	3$	3$	1$	5$	4$	4$	7$	3$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	1$	1$	1$	1$	1$	1$	1$	2$	2$	1$	8$	4$	3$	2$	5$	4$	3$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	1$	7$	5$	3$	2$	5$	5$	3$	5$	5$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
15$	3$	3$	2$	2$	2$	2$	2$	1$	1$	2$	1$	1$	6$	5$	3$	2$	5$	5$	3$	4$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$
16$	2$	2$	3$	2$	2$	2$	2$	2$	1$	1$	2$	1$	1$	5$	6$	3$	2$	4$	5$	4$	6$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$
17$	1$	1$	1$	2$	2$	2$	2$	3$	3$	1$	2$	3$	2$	1$	4$	7$	3$	2$	4$	4$	2$	6$	5$	2$	1$	1$	1$	0$	0$	0$	0$
18$	0$	0$	0$	0$	0$	0$	0$	1$	2$	3$	0$	1$	2$	2$	1$	3$	6$	4$	3$	4$	5$	2$	5$	5$	2$	1$	0$	1$	0$	0$	0$
19$	1$	1$	1$	1$	1$	1$	1$	0$	1$	2$	3$	0$	1$	2$	2$	1$	3$	7$	3$	3$	3$	5$	3$	5$	4$	2$	1$	0$	1$	0$	0$
20$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	2$	3$	1$	1$	8$	3$	3$	3$	4$	3$	5$	6$	2$	1$	0$	1$	1$
21$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	4$	0$	1$	1$	3$	1$	0$	8$	3$	3$	3$	4$	3$	3$	7$	4$	1$	1$	1$

22$		1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	4$	0$	1$	1$	3$	1$	0$	8$	3$	3$	4$	5$	4$	2$	5$
4$	2$	2$																													
23$		0$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	1$	0$	2$	4$	1$	1$	1$	3$	1$	1$	8$	3$	3$	3$	5$	5$	2$
5$	4$	4$																													
24$		1$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	1$	1$	0$	2$	3$	1$	1$	2$	3$	0$	1$	8$	4$	3$	2$	4$	5$
4$	7$	7$																													
25$		0$	1$	1$	1$	1$	1$	1$	0$	0$	0$	2$	1$	2$	1$	0$	2$	3$	1$	0$	2$	3$	1$	1$	6$	5$	4$	4$	6$
6$	4$	4$																													
26$		0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	0$	2$	2$	0$	2$	3$	1$	0$	2$	2$	2$	2$	6$	6$	3$	4$
6$	7$	7$																													
27$		0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	0$	1$	2$	0$	2$	3$	1$	0$	2$	1$	1$	1$	4$	6$	2$
2$	3$	3$																													
28$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	1$	3$	1$	2$	3$	1$	3$	5$	3$	2$	4$	3$	3$	3$	5$	8$
7$	7$	7$																													
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	1$	3$	2$	3$	5$	5$	3$	5$	5$	6$	6$	8$
9$	9$	9$																													
30$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	1$	1$	2$	2$	3$	4$	6$	5$	6$	6$	7$	7$
8$	7$	7$																													
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	2$	2$	2$	2$	3$	3$	3$	3$	3$
3$	4$	4$																													

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0714$	.0714$	.0714$	.0357$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0893$	.0893$	.0536$	.0714$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0536$	.0536$	.1071$	.1071$	.1071$	.0893$	.0357$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0536$	.0536$	.0179$	.0357$	.0536$	.0714$	.1250$	.0893$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.1071$	.0893$	.0893$	.0893$	.1071$	.1071$	.1071$	.1071$	.1250$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0536$	.0714$	.0893$	.0536$	.0536$	.0714$	.0714$	.0714$	.0536$	.1250$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0714$	.0536$	.0357$	.0714$	.0179$	.0179$	.0357$	.0893$	.0714$	.0536$	.1071$	.0179$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0536$	.0714$	.0536$	.0536$	.0893$	.0714$	.0714$	.0536$	.1071$	.0893$	.0893$	.1429$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
9$	.0357$	.0357$	.0714$	.0714$	.0893$	.1071$	.0893$	.0357$	.0536$	.0893$	.1071$	.0714$	.1071$	.0893$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$
10$	.0893$	.0893$	.0714$	.0714$	.0714$	.0714$	.0893$	.1250$	.0357$	.0536$	.0357$	.0893$	.0536$	.0893$	.1071$	.0357$	.0000$	.0179$	.0179$	.0000$
11$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0536$	.1250$	.0536$	.0536$	.0357$	.1071$	.0714$	.0714$	.1071$	.0357$	.0179$	.0000$	.0179$
12$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.1250$	.0536$	.0536$	.0179$	.0893$	.0714$	.0714$	.1250$	.0536$	.0179$	.0000$
13$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0179$	.1429$	.0714$	.0536$	.0357$	.0893$	.0714$	.0536$	.1071$	.0714$	.0179$
14$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0179$	.1250$	.0893$	.0536$	.0357$	.0893$	.0893$	.0536$	.0893$	.0893$
15$	.0536$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0357$	.0179$	.0179$	.1071$	.0893$	.0536$	.0357$	.0893$	.0893$	.0536$	.0714$
16$	.0357$	.0357$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0357$	.0179$	.0179$	.0893$	.1071$	.0536$	.0357$	.0714$	.0893$	.0714$
17$	.0179$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0536$	.0536$	.0179$	.0357$	.0536$	.0357$	.0179$	.0714$	.1250$	.0536$	.0357$	.0714$	.0714$
18$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0357$	.0357$	.0179$	.0536$	.1071$	.0714$	.0536$	.0714$
19$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0357$	.0357$	.0179$	.0536$	.1250$	.0536$	.0536$
20$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0357$	.0536$	.0179$	.0179$	.1429$	.0536$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0714$	.0000$	.0179$	.0179$	.0536$	.0179$	.0000$	.1429$
22$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0714$	.0000$	.0179$	.0179$	.0536$	.0179$	.0000$
23$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0714$	.0179$	.0179$	.0179$	.0536$	.0179$
24$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$	.0357$	.0536$
25$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$	.0000$	.0357$
26$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0000$	.0357$	.0357$	.0000$	.0357$	.0536$	.0179$	.0000$
27$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0000$	.0179$	.0357$	.0000$	.0357$	.0536$	.0179$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0536$	.0179$	.0536$	.0893$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0536$	.0357$	.0536$
30$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0179$	.0179$	.0357$	.0357$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0357$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.1071$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0357$	.1071$	.0893$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$
18$	.0893$	.0357$	.0893$	.0893$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
19$	.0536$	.0893$	.0536$	.0893$	.0714$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$
20$	.0536$	.0536$	.0714$	.0536$	.0893$	.1071$	.0357$	.0179$	.0000$	.0179$	.0179$
21$	.0536$	.0536$	.0536$	.0714$	.0536$	.0536$	.1250$	.0714$	.0179$	.0179$	.0179$
22$	.1429$	.0536$	.0536$	.0714$	.0893$	.0714$	.0357$	.0893$	.0714$	.0357$	.0357$
23$	.0179$	.1429$	.0536$	.0536$	.0536$	.0893$	.0893$	.0357$	.0893$	.0714$	.0714$
24$	.0000$	.0179$	.1429$	.0714$	.0536$	.0357$	.0714$	.0893$	.0714$	.1250$	.1250$
25$	.0536$	.0179$	.0179$	.1071$	.0893$	.0714$	.0714$	.1071$	.1071$	.0714$	.0714$
26$	.0357$	.0357$	.0357$	.0357$	.1071$	.1071$	.0536$	.0714$	.1071$	.1250$	.1250$
27$	.0000$	.0357$	.0179$	.0179$	.0179$	.0714$	.1071$	.0357$	.0357$	.0536$	.0536$
28$	.0536$	.0357$	.0714$	.0536$	.0536$	.0536$	.0893$	.1429$	.1250$	.1250$	.1250$
29$	.0893$	.0893$	.0536$	.0893$	.0893$	.1071$	.1071$	.1429$	.1607$	.1607$	.1607$
30$	.0536$	.0714$	.1071$	.0893$	.1071$	.1071$	.1250$	.1250$	.1429$	.1250$	.1250$
31$	.0357$	.0357$	.0357$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0714$	.0714$

STEADY STATE TABLE

S/E ZONE $ 20$	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$
1$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$
2$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$
3$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$
4$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$
5$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$
6$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$
7$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$
8$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$
9$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$
10$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$
11$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$
12$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$
13$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$
14$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$
15$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$
16$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$
17$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$
18$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$
19$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$
20$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$
21$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$
22$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$
23$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$
24$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$
25$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$
26$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$
27$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$
28$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$
29$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$
30$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$
31$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$

STEADY STATE TABLE

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$	.0016$
2$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$
3$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$
4$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$	.0053$
5$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$	.0094$
6$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$	.0097$
7$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$	.0092$
8$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$	.0160$
9$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$
10$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$
11$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$	.0207$
12$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$	.0232$
13$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$	.0248$
14$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$
15$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$	.0294$
16$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$	.0335$
17$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$
18$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$
19$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$
20$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$	.0432$
21$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$	.0437$
22$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$	.0497$
23$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$	.0512$
24$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$	.0538$
25$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$
26$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$	.0540$
27$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$	.0298$
28$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$	.0652$
29$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$	.0770$
30$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$	.0737$
31$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$	.0365$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.001573$	.342262$	.000538$
2$	.002301$	.197917$	.000455$
3$	.004436$	.105655$	.000469$
4$	.005313$	.047619$	.000253$
5$	.009371$	.020833$	.000195$
6$	.009673$	.007440$	.000072$
7$	.009212$	.004464$	.000041$
8$	.015980$	.001488$	.000024$
9$	.018234$	.000000$	.000000$
10$	.018612$	.000000$	.000000$
11$	.020703$	.000000$	.000000$
12$	.023165$	.000000$	.000000$
13$	.024812$	.000000$	.000000$
14$	.028654$	.000000$	.000000$
15$	.029419$	.000000$	.000000$
16$	.033523$	.000000$	.000000$
17$	.038261$	.000000$	.000000$
18$	.037594$	.000000$	.000000$
19$	.039024$	.000000$	.000000$
20$	.043187$	.000000$	.000000$
21$	.043680$	.000000$	.000000$
22$	.049710$	.000000$	.000000$
23$	.051228$	.000000$	.000000$
24$	.053829$	.000000$	.000000$
25$	.052406$	.000000$	.000000$
26$	.054022$	.000000$	.000000$
27$	.029751$	.000000$	.000000$
28$	.065206$	.000000$	.000000$
29$	.076986$	.000000$	.000000$
30$	.073666$	.000000$	.000000$
31$	.036474$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .20$ PER CENT
$AT ANNUAL DEMAND=$ 197000.$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1934	1	1.00	12609.	-6433.	13387.	677964.	87176.	15336.	-5775.	0.	856.	91002.	174673.	85282.
1934	2	1.00	4803.	5395.	1406.	675372.	16187.	14065.	3064.	0.	785.	464.	174673.	1082.
1934	3	.97	1467.	4346.	1406.	670493.	4204.	17052.	2970.	0.	952.	0.	160261.	650.
1934	4	1.00	16227.	-772.	6698.	677964.	26969.	17857.	1674.	0.	996.	0.	174397.	650.
1934	5	.96	865.	10471.	1406.	666358.	4153.	18471.	6727.	0.	1031.	0.	154758.	650.
1934	6	.91	1183.	16821.	1406.	648720.	2162.	19170.	10226.	0.	1070.	0.	128929.	650.
1934	7	.91	16866.	12949.	1406.	650636.	23466.	21734.	6104.	0.	1213.	0.	125964.	650.
1934	8	.89	1553.	15328.	1406.	634861.	29031.	21712.	8576.	0.	1212.	0.	126112.	650.
1934	9	.88	1344.	10239.	1406.	623966.	15995.	17751.	3475.	0.	991.	0.	122287.	650.
1934	10	.86	7420.	9913.	1406.	619473.	12435.	17243.	6219.	0.	962.	0.	112666.	650.
1934	11	.96	23635.	-2443.	1406.	643551.	89980.	15781.	-2453.	0.	881.	16051.	174673.	15577.
1934	12	.96	6166.	-744.	1406.	648462.	11945.	15654.	1901.	0.	873.	0.	170469.	650.
1935	1	.94	1264.	4465.	1406.	643261.	4187.	15336.	1473.	0.	856.	0.	159253.	650.
1935	2	.95	9795.	0.	1406.	651056.	18047.	14065.	2168.	0.	785.	0.	162472.	650.
1935	3	.96	3229.	3736.	1406.	648549.	18557.	17052.	-1481.	0.	952.	0.	166864.	650.
1935	4	.97	9227.	3240.	1406.	652536.	61121.	17857.	3658.	0.	996.	33203.	174673.	31529.
1935	5	1.00	124713.	772.	69254.	677964.	130464.	18471.	4043.	0.	1031.	177204.	174673.	165450.
1935	6	1.00	549238.	-12867.	395159.	677964.	1181981.	19170.	-1155.	0.	1070.	1559125.	174673.	1450636.
1935	7	1.00	69573.	13381.	39503.	677964.	79910.	21734.	10203.	0.	1213.	87476.	174673.	82003.
1935	8	1.00	30233.	18270.	8410.	677964.	122344.	21712.	12128.	0.	1212.	96913.	174673.	90779.
1935	9	1.00	82634.	-19300.	71659.	677964.	287015.	17751.	-8470.	0.	991.	349394.	174673.	325586.
1935	10	1.00	12480.	6176.	4432.	677964.	52953.	17243.	4428.	0.	962.	35714.	174673.	33864.
1935	11	.98	3349.	4366.	1406.	674947.	3268.	15781.	4067.	0.	881.	0.	159499.	650.
1935	12	.98	4102.	-3602.	3295.	677964.	11381.	15654.	-2918.	0.	873.	0.	161439.	650.
1936	1	.97	3472.	3598.	1406.	675838.	3273.	15336.	1939.	0.	856.	0.	148843.	650.
1936	2	.95	2342.	3840.	1406.	672340.	0.	14065.	2149.	0.	785.	0.	134034.	650.
1936	3	.95	2240.	3568.	1406.	669012.	23443.	17052.	326.	0.	952.	0.	141505.	650.
1936	4	.93	3434.	6338.	1406.	664108.	4210.	17857.	2392.	0.	996.	0.	126872.	650.
1936	5	1.00	16544.	-6920.	6754.	677964.	105293.	18471.	-5583.	0.	1031.	51358.	174673.	48413.
1936	6	1.00	22817.	-772.	16583.	677964.	40085.	19170.	4043.	0.	1070.	33455.	174673.	31763.
1936	7	1.00	139880.	6176.	93994.	677964.	253210.	21734.	4428.	0.	1213.	321043.	174673.	299220.
1936	8	.96	2539.	13270.	1406.	665233.	3925.	21712.	5804.	0.	1212.	0.	152487.	650.
1936	9	1.00	25384.	4612.	5653.	677964.	130406.	17751.	-1925.	0.	991.	98047.	174673.	91834.
1936	10	1.00	51271.	6176.	31702.	677964.	151548.	17243.	5005.	0.	962.	161002.	174673.	150382.
1936	11	1.00	7547.	3603.	2773.	677964.	20875.	15781.	4041.	0.	881.	3826.	174673.	4208.
1936	12	1.00	5108.	2831.	1601.	677964.	13130.	15654.	1717.	0.	873.	0.	172033.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1937	1	.99	3734.	2572.	1406.	677126.	6686.	15336.	1306.	0.	856.	0.	163483.	650.
1937	2	.97	2762.	4360.	1406.	673529.	2524.	14065.	2487.	0.	785.	0.	150861.	650.
1937	3	.94	3279.	4341.	1406.	670467.	1962.	17052.	2657.	0.	952.	0.	134519.	650.
1937	4	.91	1792.	9620.	1406.	660639.	8.	17857.	5540.	0.	996.	0.	112537.	650.
1937	5	.87	1215.	7024.	1406.	652830.	1488.	18471.	4427.	0.	1031.	0.	92533.	650.
1937	6	.86	8179.	11957.	1406.	647052.	12459.	19170.	4817.	0.	1070.	0.	82410.	650.
1937	7	.81	725.	12819.	1406.	632958.	1064.	21734.	5124.	0.	1213.	0.	58022.	650.
1937	8	.78	70.	14794.	1406.	616234.	14593.	21712.	4877.	0.	1212.	0.	47432.	650.
1937	9	.74	1317.	14542.	1406.	601009.	3016.	17751.	4022.	0.	991.	0.	30081.	650.
1937	10	.71	1130.	11272.	1406.	588867.	758.	17243.	2156.	0.	962.	0.	12847.	650.
1937	11	.67	337.	6920.	9490.	568784.	0.	15781.	721.	0.	881.	0.	5835.	650.
1937	12	.83	42015.	-15764.	1406.	624564.	83477.	15654.	-4598.	0.	873.	0.	79662.	650.
1938	1	.99	48364.	3225.	1406.	667702.	140974.	15336.	2483.	0.	856.	29550.	174673.	28131.
1938	2	.97	1687.	3293.	1406.	664096.	4416.	14065.	1878.	0.	785.	0.	164552.	650.
1938	3	.94	2043.	6550.	1406.	657589.	620.	17052.	4204.	0.	952.	0.	145322.	650.
1938	4	1.00	27871.	2798.	3303.	677964.	82600.	17857.	3080.	0.	996.	35614.	174673.	33771.
1938	5	1.00	9357.	6948.	1694.	677964.	38619.	18471.	3273.	0.	1031.	18569.	174673.	17919.
1938	6	.95	622.	15020.	1406.	661566.	0.	19170.	8401.	0.	1070.	0.	148507.	650.
1938	7	.89	430.	18958.	1406.	641038.	0.	21734.	12014.	0.	1213.	0.	116166.	650.
1938	8	.89	0.	12734.	1406.	626304.	46564.	21712.	6507.	0.	1212.	0.	135917.	650.
1938	9	.85	194.	12059.	1406.	612439.	2376.	17751.	6056.	0.	991.	0.	115892.	650.
1938	10	.81	0.	12587.	1406.	597852.	0.	17243.	6608.	0.	962.	0.	93447.	650.
1938	11	.78	121.	8200.	1406.	587773.	990.	15781.	3185.	0.	881.	0.	76877.	650.
1938	12	.78	4458.	0.	1406.	590231.	7955.	15654.	-930.	0.	873.	0.	71515.	650.
1939	1	.76	1354.	1866.	1406.	587719.	0.	15336.	1085.	0.	856.	0.	56499.	650.
1939	2	.73	560.	3717.	1406.	582562.	0.	14065.	1696.	0.	785.	0.	42144.	650.
1939	3	.70	438.	7146.	1406.	573854.	0.	17052.	1852.	0.	952.	0.	24646.	650.
1939	4	.67	0.	10482.	786.	562255.	0.	17857.	1543.	0.	996.	0.	6031.	650.
1939	5	.77	9108.	7694.	1406.	561669.	112167.	18471.	3401.	0.	1031.	0.	97732.	650.
1939	6	.81	6915.	5653.	1406.	560931.	54993.	19170.	3021.	0.	1070.	0.	131940.	650.
1939	7	.83	24844.	13633.	1406.	570141.	31150.	21734.	9326.	0.	1213.	0.	133437.	650.
1939	8	.80	6245.	8885.	1406.	565502.	13545.	21712.	7408.	0.	1212.	0.	119267.	650.
1939	9	.82	15530.	7070.	1406.	571962.	31365.	17751.	3639.	0.	991.	0.	130648.	650.
1939	10	.83	10489.	9380.	1406.	571072.	26396.	17243.	6574.	0.	962.	0.	134633.	650.
1939	11	.80	755.	4558.	1406.	565269.	0.	15781.	3502.	0.	881.	0.	116756.	650.
1939	12	.78	511.	3398.	1406.	560382.	0.	15654.	1951.	0.	873.	0.	100557.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1940	1	.75	735.	2929.	1406.	556187.	0.	15336.	1413.	0.	856.	0.	85213.	650.
1940	2	.73	1819.	2693.	1406.	553313.	24.	14065.	1653.	0.	785.	0.	70924.	650.
1940	3	.72	595.	4911.	1406.	546997.	16816.	17052.	2251.	0.	952.	0.	69843.	650.
1940	4	.84	28596.	4730.	1406.	568863.	101394.	17857.	3918.	0.	996.	0.	150869.	650.
1940	5	.88	14953.	3440.	1406.	578376.	77491.	18471.	4428.	0.	1031.	32193.	174673.	30590.
1940	6	.96	67988.	-2154.	1406.	646519.	197347.	19170.	-963.	0.	1070.	180545.	174673.	168557.
1940	7	1.00	48402.	12378.	3218.	677964.	246918.	21734.	7893.	0.	1213.	220510.	174673.	205724.
1940	8	1.00	18758.	13124.	3961.	677964.	51639.	21712.	9626.	0.	1212.	24262.	174673.	23214.
1940	9	.97	632.	15524.	1406.	661072.	15999.	17751.	9071.	0.	991.	0.	165256.	650.
1940	10	.96	3712.	5783.	1406.	657000.	16213.	17243.	2201.	0.	962.	0.	163431.	650.
1940	11	.98	9671.	2767.	1406.	661904.	28780.	15781.	1505.	0.	881.	1658.	174673.	2192.
1940	12	1.00	13033.	-1270.	1406.	674207.	27372.	15654.	-578.	0.	873.	13701.	174673.	13392.
1941	1	.99	12759.	1287.	5424.	677964.	7077.	15336.	1521.	0.	856.	0.	170316.	650.
1941	2	1.00	42641.	-772.	30519.	677964.	50648.	14065.	-1733.	0.	785.	64478.	174673.	60614.
1941	3	1.00	10490.	257.	7194.	677964.	10128.	17052.	-193.	0.	952.	462.	174673.	1080.
1941	4	1.00	84973.	-5147.	63354.	677964.	106142.	17857.	-4043.	0.	996.	155682.	174673.	145434.
1941	5	1.00	138576.	-1287.	98323.	677964.	414688.	18471.	-4428.	0.	1031.	498968.	174673.	464690.
1941	6	1.00	20955.	2831.	12741.	677964.	124998.	19170.	193.	0.	1070.	118377.	174673.	110740.
1941	7	1.00	6123.	6935.	1406.	675152.	89720.	21734.	5775.	0.	1213.	63617.	174673.	59814.
1941	8	.96	4517.	13491.	1406.	664178.	8278.	21712.	8504.	0.	1212.	0.	154140.	650.
1941	9	1.00	111498.	1029.	67968.	677964.	160639.	17751.	3850.	0.	991.	186473.	174673.	174070.
1941	10	1.00	10138.	4889.	3690.	677964.	21300.	17243.	2695.	0.	962.	5052.	174673.	5348.
1941	11	.97	2006.	5896.	1406.	672074.	1318.	15781.	4050.	0.	881.	0.	157565.	650.
1941	12	.95	1576.	4581.	1406.	667069.	27.	15654.	1719.	0.	873.	0.	141625.	650.
1942	1	.92	1126.	5307.	1406.	660887.	0.	15336.	2853.	0.	856.	0.	124842.	650.
1942	2	.91	1403.	252.	1406.	660039.	960.	14065.	-595.	0.	785.	0.	113738.	650.
1942	3	.87	884.	8266.	1406.	650656.	0.	17052.	4056.	0.	952.	0.	94035.	650.
1942	4	.86	5209.	3489.	1406.	650376.	8594.	17857.	2134.	0.	996.	0.	84043.	650.
1942	5	.86	10165.	4743.	1406.	653797.	16997.	18471.	2661.	0.	1031.	0.	81314.	650.
1942	6	.83	417.	11180.	1406.	641034.	6330.	19170.	4107.	0.	1070.	0.	65773.	650.
1942	7	1.00	176276.	-3345.	100312.	677964.	468366.	21734.	-6545.	0.	1213.	444590.	174673.	414119.
1942	8	1.00	10632.	5147.	3856.	677964.	17450.	21712.	2663.	0.	1212.	0.	171604.	650.
1942	9	1.00	104488.	-1287.	74360.	677964.	388926.	17751.	1155.	0.	991.	441310.	174673.	411068.
1942	10	1.00	28353.	5919.	15771.	677964.	31445.	17243.	3658.	0.	962.	26316.	174673.	25124.
1942	11	.97	1946.	8699.	1406.	669211.	5453.	15781.	5717.	0.	881.	0.	160034.	650.
1942	12	.94	1280.	6835.	1406.	661656.	592.	15654.	4470.	0.	873.	0.	141908.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.92	1459.	2769.	1406.	658346.	938.	15336.	643.	0.	856.	0.	128272.	650.
1943	2	.89	1172.	6758.	1406.	650761.	16.	14065.	3404.	0.	785.	0.	112225.	650.
1943	3	.87	1770.	5716.	1406.	644814.	1688.	17052.	2580.	0.	952.	0.	95687.	650.
1943	4	.83	945.	9119.	1406.	634641.	0.	17857.	4397.	0.	996.	0.	74839.	650.
1943	5	.81	3573.	5138.	1406.	631075.	3225.	18471.	1547.	0.	1031.	0.	59452.	650.
1943	6	.91	30515.	6424.	1406.	653167.	88193.	19170.	3826.	0.	1070.	0.	126054.	650.
1943	7	.92	27087.	11577.	1406.	666676.	19459.	21734.	6098.	0.	1213.	0.	119087.	650.
1943	8	.86	0.	18805.	1406.	645871.	0.	21712.	9477.	0.	1212.	0.	89304.	650.
1943	9	.88	2130.	3467.	1406.	642534.	33410.	17751.	1054.	0.	991.	0.	105315.	650.
1943	10	.84	443.	12757.	1406.	628221.	8233.	17243.	6268.	0.	962.	0.	91443.	650.
1943	11	.83	2333.	2675.	1406.	625879.	3745.	15781.	866.	0.	881.	0.	79947.	650.
1943	12	.81	510.	2666.	1406.	621723.	2149.	15654.	116.	0.	873.	0.	67732.	650.
1944	1	.80	990.	-1451.	1406.	622164.	7001.	15336.	-328.	0.	856.	0.	61131.	650.
1944	2	.78	440.	3137.	1406.	617468.	0.	14065.	1169.	0.	785.	0.	47302.	650.
1944	3	.78	3183.	722.	1406.	617928.	12904.	17052.	423.	0.	952.	0.	44137.	650.
1944	4	.74	866.	9576.	1406.	607218.	0.	17857.	2360.	0.	996.	0.	25326.	650.
1944	5	.89	71463.	-1236.	1406.	677917.	69153.	18471.	-664.	0.	1031.	0.	78078.	650.
1944	6	1.00	13089.	10808.	1570.	677964.	169816.	19170.	7163.	0.	1070.	48458.	174673.	45716.
1944	7	.94	1564.	19055.	1406.	658473.	1607.	21734.	12101.	0.	1213.	0.	143852.	650.
1944	8	.94	8715.	8536.	1406.	656652.	22563.	21712.	3816.	0.	1212.	0.	142292.	650.
1944	9	.98	19295.	10822.	1406.	663125.	336315.	17751.	5005.	0.	991.	282584.	174673.	263453.
1944	10	.96	9430.	11340.	1406.	659215.	6750.	17243.	7853.	0.	962.	0.	157733.	650.
1944	11	.94	483.	2008.	1406.	655689.	2318.	15781.	1213.	0.	881.	0.	144463.	650.
1944	12	.92	1592.	751.	1406.	654530.	1766.	15654.	327.	0.	873.	0.	131654.	650.
1945	1	.90	5035.	4502.	1406.	653063.	2032.	15336.	2577.	0.	856.	0.	117178.	650.
1945	2	.90	9141.	2255.	1406.	657949.	9109.	14065.	1300.	0.	785.	0.	112327.	650.
1945	3	.90	2032.	3760.	1406.	654221.	18645.	17052.	2138.	0.	952.	0.	113188.	650.
1945	4	1.00	26463.	3541.	1406.	675143.	117552.	17857.	1098.	0.	996.	38518.	174673.	36472.
1945	5	.98	340.	11691.	1406.	661792.	38546.	18471.	7700.	0.	1031.	13780.	174673.	13466.
1945	6	.99	16638.	6837.	1406.	669593.	36009.	19170.	5775.	0.	1070.	12469.	174673.	12246.
1945	7	.94	1845.	12627.	1406.	656812.	1799.	21734.	8043.	0.	1213.	0.	148101.	650.
1945	8	.89	0.	14427.	1406.	640384.	0.	21712.	6333.	0.	1212.	0.	121462.	650.
1945	9	.85	948.	12975.	1406.	626358.	0.	17751.	7316.	0.	991.	0.	97801.	650.
1945	10	.98	44421.	4462.	1406.	664317.	224000.	17243.	3273.	0.	962.	128018.	174673.	119707.
1945	11	.95	307.	8300.	1406.	654323.	0.	15781.	6007.	0.	881.	0.	154291.	650.
1945	12	.92	322.	4987.	1406.	647658.	0.	15654.	2697.	0.	873.	0.	137346.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1946	1	.90	560.	248.	1406.	645970.	1610.	15336.	-317.	0.	856.	0.	125343.	650.
1946	2	.88	298.	2228.	1406.	642040.	0.	14065.	739.	0.	785.	0.	111944.	650.
1946	3	.86	2074.	6647.	1406.	635466.	8898.	17052.	3572.	0.	952.	0.	101624.	650.
1946	4	.89	15960.	4438.	1406.	644988.	26930.	17857.	2330.	0.	996.	0.	109772.	650.
1946	5	.98	18011.	-1500.	1406.	662499.	149199.	18471.	385.	0.	1031.	66848.	174673.	62818.
1946	6	.99	14147.	7084.	1406.	667562.	119961.	19170.	3465.	0.	1070.	98731.	174673.	92470.
1946	7	.93	0.	17579.	1406.	647983.	1314.	21734.	10252.	0.	1213.	0.	145408.	650.
1946	8	1.00	43717.	8598.	3612.	677964.	51900.	21712.	6567.	0.	1212.	0.	172641.	650.
1946	9	1.00	106530.	2316.	73262.	677964.	197402.	17751.	-385.	0.	991.	251266.	174673.	234328.
1946	10	1.00	118574.	-515.	83719.	677964.	446756.	17243.	-2118.	0.	962.	515350.	174673.	479926.
1946	11	.98	2060.	6407.	1406.	671617.	5146.	15781.	3901.	0.	881.	0.	161543.	650.
1946	12	.95	1108.	4070.	1406.	666655.	987.	15654.	2621.	0.	873.	0.	145661.	650.
1947	1	.94	1450.	-1268.	1406.	667374.	5394.	15336.	-500.	0.	856.	0.	137624.	650.
1947	2	.92	476.	5559.	1406.	660290.	0.	14065.	3266.	0.	785.	0.	121699.	650.
1947	3	.89	1384.	5772.	1406.	653903.	2610.	17052.	3002.	0.	952.	0.	105661.	650.
1947	4	.88	598.	3991.	1406.	648510.	16828.	17857.	1370.	0.	996.	0.	104668.	650.
1947	5	.98	10242.	0.	1406.	656752.	149170.	18471.	-569.	0.	1031.	62669.	174673.	58932.
1947	6	.97	13468.	11789.	1406.	656431.	28981.	19170.	7820.	0.	1070.	3397.	174673.	3809.
1947	7	.96	6218.	17928.	1406.	642721.	46450.	21734.	12128.	0.	1213.	13994.	174673.	13665.
1947	8	.95	1442.	10080.	1406.	632083.	25071.	21712.	4765.	0.	1212.	0.	174672.	650.
1947	9	.89	0.	15741.	1406.	614342.	0.	17751.	10649.	0.	991.	0.	147678.	650.
1947	10	.85	0.	10483.	1406.	601859.	0.	17243.	6389.	0.	962.	0.	125452.	650.
1947	11	.83	789.	5658.	1406.	594990.	5143.	15781.	1486.	0.	881.	0.	114734.	650.
1947	12	.81	105.	1875.	1406.	591220.	0.	15654.	694.	0.	873.	0.	99792.	650.
1948	1	.78	0.	3963.	1406.	585258.	0.	15336.	1914.	0.	856.	0.	83948.	650.
1948	2	.77	135.	0.	1406.	583393.	0.	14065.	236.	0.	785.	0.	71052.	650.
1948	3	.74	0.	5080.	1406.	576312.	0.	17052.	1820.	0.	952.	0.	53586.	650.
1948	4	.71	0.	6866.	1406.	567446.	0.	17857.	2027.	0.	996.	0.	35107.	650.
1948	5	.67	0.	8826.	1406.	556620.	0.	18471.	1810.	0.	1031.	0.	16232.	650.
1948	6	.63	1169.	11754.	9897.	531957.	0.	19170.	1157.	0.	1070.	0.	5801.	650.
1948	7	.71	26585.	11682.	1406.	544860.	73915.	21734.	2856.	0.	1213.	0.	56533.	650.
1948	8	.66	0.	14957.	1406.	527903.	5896.	21712.	5403.	0.	1212.	0.	36719.	650.
1948	9	.64	0.	7376.	1406.	518527.	8132.	17751.	1061.	0.	991.	0.	27445.	650.
1948	10	.65	14220.	5632.	1406.	525115.	22665.	17243.	1531.	0.	962.	0.	32742.	650.
1948	11	.63	0.	5845.	1406.	517270.	4379.	15781.	1408.	0.	881.	0.	21338.	650.
1948	12	.61	0.	4513.	834.	511570.	233.	15654.	747.	0.	873.	0.	6005.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1949	1	.58	0.	847.	15254.	489025.	133.	15336.	77.	0.	856.	0.	5978.	650.
1949	2	.57	6427.	208.	10809.	479869.	3285.	14065.	0.	0.	785.	0.	6006.	650.
1949	3	.72	23421.	4388.	1406.	496902.	131112.	17052.	1720.	0.	952.	0.	119752.	650.
1949	4	.88	76290.	-5060.	1406.	576252.	159940.	17857.	-5005.	0.	996.	93573.	174673.	87673.
1949	5	.89	14887.	8301.	1406.	580838.	216641.	18471.	7123.	0.	1031.	192453.	174673.	179631.
1949	6	.93	47734.	5437.	1406.	621135.	78380.	19170.	5390.	0.	1070.	55225.	174673.	52010.
1949	7	.94	14473.	9198.	1406.	624410.	85019.	21734.	6160.	0.	1213.	58531.	174673.	55084.
1949	8	.93	5632.	13507.	1406.	614534.	36875.	21712.	9573.	0.	1212.	6995.	174673.	7156.
1949	9	.88	0.	13088.	1406.	599446.	3989.	17751.	8672.	0.	991.	0.	153644.	650.
1949	10	.90	17238.	1427.	1406.	613258.	20834.	17243.	1414.	0.	962.	0.	157228.	650.
1949	11	.88	1798.	6208.	1406.	606848.	10173.	15781.	5691.	0.	881.	0.	147335.	650.
1949	12	.89	10912.	-478.	1406.	616238.	11345.	15654.	508.	0.	873.	0.	143924.	650.
1950	1	.87	49.	5029.	1406.	609259.	1710.	15336.	2261.	0.	856.	0.	129443.	650.
1950	2	.84	0.	3330.	1406.	603928.	685.	14065.	2251.	0.	785.	0.	115217.	650.
1950	3	.81	0.	8020.	1406.	593909.	917.	17052.	4363.	0.	952.	0.	96125.	650.
1950	4	.78	171.	5607.	1406.	586473.	3477.	17857.	3358.	0.	996.	0.	79792.	650.
1950	5	.81	11295.	4665.	1406.	591103.	41642.	18471.	3279.	0.	1031.	0.	101090.	650.
1950	6	.90	9116.	6317.	1406.	591903.	105877.	19170.	5597.	0.	1070.	8932.	174673.	8957.
1950	7	.86	45.	12307.	1406.	577641.	10350.	21734.	8366.	0.	1213.	0.	156330.	650.
1950	8	.81	0.	14831.	1406.	560809.	0.	21712.	10343.	0.	1212.	0.	125680.	650.
1950	9	.77	0.	10991.	1406.	547818.	8312.	17751.	7373.	0.	991.	0.	110274.	650.
1950	10	.75	0.	11494.	1406.	534324.	15724.	17243.	6682.	0.	962.	0.	103480.	650.
1950	11	.71	0.	8730.	1406.	523594.	0.	15781.	4862.	0.	881.	0.	84243.	650.
1950	12	.68	0.	6912.	1406.	514682.	0.	15654.	3581.	0.	873.	0.	66414.	650.
1951	1	.65	0.	5567.	1406.	507115.	0.	15336.	2366.	0.	856.	0.	50117.	650.
1951	2	.63	0.	2340.	1406.	502775.	229.	14065.	1201.	0.	785.	0.	36485.	650.
1951	3	.61	0.	4442.	1406.	496333.	793.	17052.	1023.	0.	952.	0.	20609.	650.
1951	4	.57	0.	7745.	3375.	483788.	1008.	17857.	1190.	0.	996.	0.	5945.	650.
1951	5	.67	60288.	3213.	1406.	538863.	41567.	18471.	1077.	0.	1031.	0.	29370.	650.
1951	6	.80	35876.	6269.	1406.	566470.	110767.	19170.	3217.	0.	1070.	0.	119156.	650.
1951	7	.75	0.	16430.	1406.	548040.	0.	21734.	9225.	0.	1213.	0.	89603.	650.
1951	8	.69	0.	18504.	1406.	527536.	0.	21712.	9380.	0.	1212.	0.	59916.	650.
1951	9	.88	50417.	-1119.	1406.	577072.	168500.	17751.	484.	0.	991.	36914.	174673.	34980.
1951	10	.87	6225.	7811.	1406.	573485.	13728.	17243.	6708.	0.	962.	0.	165857.	650.
1951	11	.84	393.	4342.	1406.	567537.	1571.	15781.	2498.	0.	881.	0.	150554.	650.
1951	12	.81	0.	5669.	1406.	559868.	306.	15654.	3791.	0.	873.	0.	132821.	650.

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.78	0.	5843.	1406.	552025.	922.	15336.	3630.	0.	856.	0.	116182.	650.
1952	2	.78	6769.	2464.	1406.	554330.	6813.	14065.	2131.	0.	785.	0.	108204.	650.
1952	3	.75	1633.	5811.	1406.	548151.	0.	17052.	3814.	0.	952.	0.	88744.	650.
1952	4	.74	6853.	4677.	1406.	548327.	9761.	17857.	1473.	0.	996.	0.	80581.	650.
1952	5	.74	13278.	5365.	1406.	554240.	21222.	18471.	4395.	0.	1031.	0.	80342.	650.
1952	6	.79	4251.	10048.	1406.	546444.	73717.	19170.	6358.	0.	1070.	0.	129937.	650.
1952	7	.76	0.	11697.	1406.	532747.	10726.	21734.	5072.	0.	1213.	0.	115264.	650.
1952	8	.70	0.	18212.	1406.	512535.	198.	21712.	10417.	0.	1212.	0.	84738.	650.
1952	9	.70	0.	4915.	1406.	505620.	17513.	17751.	-2002.	0.	991.	0.	87908.	650.
1952	10	.65	0.	11413.	1406.	492207.	0.	17243.	5909.	0.	962.	0.	66162.	650.
1952	11	.63	0.	1257.	1406.	488950.	979.	15781.	527.	0.	881.	0.	52239.	650.
1952	12	.61	0.	2086.	1406.	484864.	1484.	15654.	1002.	0.	873.	0.	38473.	650.
1953	1	.59	0.	5803.	1406.	477061.	2080.	15336.	1657.	0.	856.	0.	24966.	650.
1953	2	.57	0.	2470.	1406.	472591.	968.	14065.	423.	0.	785.	0.	12851.	650.
1953	3	.54	0.	5890.	9483.	453213.	1254.	17052.	695.	0.	952.	0.	5841.	650.
1953	4	.52	446.	5384.	5450.	440521.	12888.	17857.	465.	0.	996.	0.	5857.	650.
1953	5	.61	31122.	5018.	1406.	464625.	68114.	18471.	1892.	0.	1031.	0.	55013.	650.
1953	6	.56	0.	13715.	1406.	448911.	0.	19170.	4891.	0.	1070.	0.	32357.	650.
1953	7	.52	5.	15038.	1406.	431877.	48.	21734.	2818.	0.	1213.	0.	9260.	650.
1953	8	.54	12604.	5885.	1406.	436596.	33348.	21712.	38.	0.	1212.	0.	22264.	650.
1953	9	.92	180066.	5638.	1406.	609024.	268221.	17751.	6164.	0.	991.	93303.	174673.	87422.
1953	10	.95	30721.	-1697.	1406.	639442.	47881.	17243.	-5005.	0.	962.	37049.	174673.	35106.
1953	11	.95	1255.	7115.	1406.	631582.	33853.	15781.	5390.	0.	881.	14088.	174673.	13751.
1953	12	.92	67.	5112.	1406.	624537.	219.	15654.	3136.	0.	873.	0.	157508.	650.
1954	1	.89	14.	4592.	1406.	617959.	1499.	15336.	2918.	0.	856.	0.	142159.	650.
1954	2	.86	0.	7666.	1406.	608293.	1373.	14065.	4754.	0.	785.	0.	126119.	650.
1954	3	.83	0.	9001.	1406.	597292.	1263.	17052.	5049.	0.	952.	0.	106687.	650.
1954	4	.81	6098.	4942.	1406.	596448.	5848.	17857.	2398.	0.	996.	0.	93685.	650.
1954	5	.78	6606.	7983.	1406.	593071.	3015.	18471.	4021.	0.	1031.	0.	75614.	650.
1954	6	.82	19590.	10119.	1406.	600542.	48472.	19170.	3751.	0.	1070.	0.	102571.	650.
1954	7	.89	932.	15686.	1406.	583788.	138607.	21734.	11093.	0.	1213.	35085.	174673.	33279.
1954	8	.83	0.	17437.	1406.	564351.	1101.	21712.	11589.	0.	1212.	0.	143878.	650.
1954	9	.79	0.	13494.	1406.	548857.	3468.	17751.	7231.	0.	991.	0.	123770.	650.
1954	10	.77	1103.	8647.	1406.	539312.	10715.	17243.	3245.	0.	962.	0.	115403.	650.
1954	11	.75	477.	5496.	1406.	532294.	11152.	15781.	3257.	0.	881.	0.	108923.	650.
1954	12	.72	0.	7627.	1406.	522667.	271.	15654.	4363.	0.	873.	0.	90582.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.69	0.	3459.	1406.	517208.	526.	15336.	2062.	0.	856.	0.	75116.	650.
1955	2	.68	1446.	2582.	1406.	514071.	6468.	14065.	1811.	0.	785.	0.	67114.	650.
1955	3	.65	0.	8332.	1406.	503739.	791.	17052.	4023.	0.	952.	0.	48235.	650.
1955	4	.61	0.	10132.	1406.	491607.	102.	17857.	3186.	0.	996.	0.	28700.	650.
1955	5	.63	28501.	8259.	1406.	509849.	15534.	18471.	2626.	0.	1031.	0.	24542.	650.
1955	6	.60	2412.	15907.	1406.	494354.	15543.	19170.	3370.	0.	1070.	0.	18951.	650.
1955	7	.55	97.	17809.	7309.	466244.	3804.	21734.	2577.	0.	1213.	0.	5754.	650.
1955	8	.51	3584.	14004.	15945.	433142.	6838.	21712.	1215.	0.	1212.	0.	5610.	650.
1955	9	.51	1509.	9337.	1406.	423314.	25937.	17751.	88.	0.	991.	0.	15114.	650.
1955	10	.52	2320.	11687.	1406.	411947.	38360.	17243.	2514.	0.	962.	0.	35123.	650.
1955	11	.50	0.	7173.	1406.	402774.	1284.	15781.	2016.	0.	881.	0.	20016.	650.
1955	12	.47	0.	5221.	1537.	395366.	980.	15654.	886.	0.	873.	0.	5992.	650.
1956	1	.44	0.	3642.	14649.	370886.	968.	15336.	415.	0.	856.	0.	5859.	650.
1956	2	.41	0.	4558.	14032.	346368.	481.	14065.	466.	0.	785.	0.	5840.	650.
1956	3	.38	0.	6521.	16994.	315673.	655.	17052.	661.	0.	952.	0.	5775.	650.
1956	4	.35	0.	6030.	13680.	290184.	4634.	17857.	355.	0.	996.	0.	5877.	650.
1956	5	.34	3515.	5866.	415.	287243.	18578.	18471.	394.	0.	1031.	0.	6005.	650.
1956	6	.31	907.	9387.	16868.	254769.	2948.	19170.	965.	0.	1070.	0.	5686.	650.
1956	7	.27	2952.	11083.	16106.	223728.	6926.	21734.	1433.	0.	1213.	0.	5551.	650.
1956	8	.26	17679.	10956.	11509.	214080.	11600.	21712.	1390.	0.	1212.	0.	5558.	650.
1956	9	.28	16880.	7578.	1406.	221382.	27107.	17751.	1491.	0.	991.	0.	14829.	650.
1956	10	.31	11668.	4840.	1406.	226210.	36895.	17243.	1509.	0.	962.	0.	34378.	650.
1956	11	.28	0.	4437.	1406.	219773.	1378.	15781.	1826.	0.	881.	0.	19555.	650.
1956	12	.27	0.	2567.	1406.	215206.	11256.	15654.	566.	0.	873.	0.	15997.	650.
1957	1	.25	0.	3507.	5510.	203862.	553.	15336.	862.	0.	856.	0.	5861.	650.
1957	2	.22	0.	1790.	12511.	184275.	1891.	14065.	301.	0.	785.	0.	5897.	650.
1957	3	.23	4752.	1969.	1406.	185059.	24663.	17052.	626.	0.	952.	0.	14288.	650.
1957	4	.44	77221.	-391.	1406.	260671.	110808.	17857.	-2172.	0.	996.	0.	110817.	650.
1957	5	.67	141326.	-167.	1406.	400164.	478579.	18471.	-2310.	0.	1031.	399968.	174673.	372620.
1957	6	.78	101364.	6975.	1406.	492553.	402936.	19170.	3080.	0.	1070.	382091.	174673.	355995.
1957	7	.72	35.	16621.	1406.	473967.	2993.	21734.	13460.	0.	1213.	0.	143878.	650.
1957	8	.67	0.	15678.	1406.	456289.	354.	21712.	11045.	0.	1212.	0.	112881.	650.
1957	9	.77	32902.	5725.	1406.	481466.	106256.	17751.	4391.	0.	991.	23727.	174673.	22717.
1957	10	.83	54599.	4470.	1406.	529595.	78496.	17243.	6160.	0.	962.	56499.	174673.	53194.
1957	11	.84	8838.	-1536.	1406.	537968.	38190.	15781.	-1540.	0.	881.	25355.	174673.	24230.
1957	12	.81	2601.	3959.	1406.	534610.	2676.	15654.	3881.	0.	873.	0.	159219.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	.95	100716.	-3720.	1406.	637046.	239830.	15336.	-6160.	0.	856.	216606.	174673.	202094.
1958	2	1.00	111709.	-4117.	52660.	677964.	283699.	14065.	-6353.	0.	785.	328647.	174673.	306292.
1958	3	1.00	23248.	4375.	13268.	677964.	166446.	17052.	2503.	0.	952.	160159.	174673.	149598.
1958	4	.97	3004.	5133.	1406.	673835.	1525.	17857.	4753.	0.	996.	0.	154994.	650.
1958	5	.99	14420.	2831.	5245.	677964.	31400.	18471.	3267.	0.	1031.	0.	169900.	650.
1958	6	1.00	50387.	11580.	27281.	677964.	5901.	19170.	8084.	0.	1070.	1155.	174673.	1724.
1958	7	.99	15530.	18975.	1406.	672519.	102371.	21734.	14246.	0.	1213.	67798.	174673.	63702.
1958	8	.93	20.	19168.	1406.	651371.	0.	21712.	13211.	0.	1212.	0.	141155.	650.
1958	9	1.00	53205.	-3603.	21241.	677964.	25250.	17751.	-7507.	0.	991.	2729.	174673.	3188.
1958	10	1.00	43294.	-5147.	34054.	677964.	217084.	17243.	-5968.	0.	962.	239863.	174673.	223722.
1958	11	1.00	41388.	4632.	25840.	677964.	167157.	15781.	3850.	0.	881.	173365.	174673.	161880.
1958	12	1.00	8202.	2831.	3776.	677964.	13568.	15654.	1345.	0.	873.	345.	174673.	971.
1959	1	.99	2750.	5899.	1406.	672815.	23618.	15336.	3273.	0.	856.	6415.	174673.	6616.
1959	2	.99	1409.	-1791.	1406.	674015.	3436.	14065.	-3060.	0.	785.	0.	168510.	650.
1959	3	.96	590.	8900.	1406.	663705.	6481.	17052.	5566.	0.	952.	0.	153779.	650.
1959	4	.93	415.	5287.	1406.	656833.	0.	17857.	3499.	0.	996.	0.	133828.	650.
1959	5	.90	1411.	5751.	1406.	650493.	4796.	18471.	4252.	0.	1031.	0.	117307.	650.
1959	6	.90	23818.	7283.	1406.	665028.	7775.	19170.	3918.	0.	1070.	0.	103400.	650.
1959	7	.92	22218.	15983.	1406.	669263.	45138.	21734.	9141.	0.	1213.	0.	119069.	650.
1959	8	.89	374.	14366.	1406.	653271.	9454.	21712.	5179.	0.	1212.	0.	103038.	650.
1959	9	.85	1472.	12661.	1406.	640082.	2280.	17751.	6090.	0.	991.	0.	82883.	650.
1959	10	1.00	69467.	4339.	19154.	677964.	231751.	17243.	2118.	0.	962.	139755.	174673.	130622.
1959	11	.99	5459.	5397.	1406.	676026.	15880.	15781.	5289.	0.	881.	0.	170889.	650.
1959	12	.97	615.	4857.	1406.	669784.	6660.	15654.	3491.	0.	873.	0.	159810.	650.
1960	1	.96	712.	3300.	1406.	665196.	6637.	15336.	1589.	0.	856.	0.	150928.	650.
1960	2	.94	933.	3282.	1406.	660847.	6094.	14065.	1191.	0.	785.	0.	143171.	650.
1960	3	.92	556.	4019.	1406.	655383.	4774.	17052.	1940.	0.	952.	0.	130359.	650.
1960	4	.89	3919.	6498.	1406.	650805.	0.	17857.	3697.	0.	996.	0.	110211.	650.
1960	5	.86	697.	8928.	1406.	640574.	0.	18471.	3840.	0.	1031.	0.	89305.	650.
1960	6	.87	8139.	8867.	1406.	637846.	36056.	19170.	4412.	0.	1070.	0.	103185.	650.
1960	7	.85	2007.	9788.	1406.	628065.	21907.	21734.	7744.	0.	1213.	0.	97020.	650.
1960	8	.90	23250.	5645.	1406.	643669.	46113.	21712.	2779.	0.	1212.	0.	120048.	650.
1960	9	.88	1645.	13024.	1406.	630290.	22454.	17751.	5448.	0.	991.	0.	120708.	650.
1960	10	.98	26393.	-3467.	1406.	658150.	140197.	17243.	-6738.	0.	962.	77133.	174673.	72384.
1960	11	.99	17115.	2276.	1406.	670989.	78733.	15781.	1348.	0.	881.	63010.	174673.	59250.
1960	12	1.00	6656.	-2305.	1406.	677950.	52666.	15654.	-5583.	0.	873.	44001.	174673.	41571.

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2867.	677964.	42256.	15336.	385.	0.	856.	29402.	174673.	27994.
1961	2	1.00	16221.	257.	11222.	677964.	51823.	14065.	-578.	0.	785.	49558.	174673.	46739.
1961	3	.98	2221.	6152.	1406.	672033.	9629.	17052.	4843.	0.	952.	0.	163813.	650.
1961	4	.98	13295.	3593.	2651.	677964.	8815.	17857.	3395.	0.	996.	0.	154027.	650.
1961	5	.93	0.	12743.	1406.	663221.	0.	18471.	8299.	0.	1031.	0.	128663.	650.
1961	6	1.00	76005.	6176.	38726.	677964.	55645.	19170.	3480.	0.	1070.	25709.	174673.	24560.
1961	7	.98	4774.	11006.	1406.	669732.	22418.	21734.	7857.	0.	1213.	0.	168907.	650.
1961	8	.97	1034.	12874.	1406.	655892.	32464.	21712.	8910.	0.	1212.	0.	172154.	650.
1961	9	.93	0.	11697.	1406.	642195.	3812.	17751.	5613.	0.	991.	0.	154008.	650.
1961	10	.91	897.	7380.	1406.	633713.	13017.	17243.	7602.	0.	962.	0.	143586.	650.
1961	11	.90	514.	734.	1406.	631493.	4065.	15781.	1463.	0.	881.	0.	131813.	650.
1961	12	.87	400.	2925.	1406.	626968.	20.	15654.	2415.	0.	873.	0.	115169.	650.
1962	1	.85	889.	3880.	1406.	621977.	0.	15336.	2618.	0.	856.	0.	98621.	650.
1962	2	.82	517.	6502.	1406.	613992.	0.	14065.	3654.	0.	785.	0.	82307.	650.
1962	3	.78	242.	7396.	1406.	604838.	0.	17052.	3525.	0.	952.	0.	63136.	650.
1962	4	.75	273.	5203.	1406.	597908.	0.	17857.	1267.	0.	996.	0.	45418.	650.
1962	5	.72	814.	12162.	1406.	584560.	0.	18471.	3098.	0.	1031.	0.	25255.	650.
1962	6	.73	6471.	4411.	1406.	584620.	34565.	19170.	1026.	0.	1070.	0.	41029.	650.
1962	7	.68	0.	19724.	1406.	562896.	0.	21734.	4676.	0.	1213.	0.	16026.	650.
1962	8	.62	0.	17305.	13457.	526448.	0.	21712.	2101.	0.	1212.	0.	5669.	650.
1962	9	.62	0.	6933.	1406.	517515.	20186.	17751.	629.	0.	991.	0.	8881.	650.
1962	10	.58	0.	10596.	15226.	485260.	0.	17243.	1177.	0.	962.	0.	5688.	650.
1962	11	.54	0.	3897.	16465.	457942.	0.	15781.	567.	0.	881.	0.	5804.	650.
1962	12	.52	0.	-199.	15248.	436452.	680.	15654.	114.	0.	873.	0.	5964.	650.
1963	1	.49	0.	3485.	13677.	413512.	1908.	15336.	322.	0.	856.	0.	5890.	650.
1963	2	.48	639.	943.	9782.	399295.	4568.	14065.	265.	0.	785.	0.	5910.	650.
1963	3	.44	0.	5846.	15556.	371321.	1966.	17052.	575.	0.	952.	0.	5804.	650.
1963	4	.40	0.	5581.	18548.	339355.	0.	17857.	747.	0.	996.	0.	5748.	650.
1963	5	.39	3745.	6205.	7696.	325947.	11579.	18471.	831.	0.	1031.	0.	5721.	650.
1963	6	.49	17037.	6678.	1406.	334307.	98346.	19170.	4880.	0.	1070.	0.	81422.	650.
1963	7	.44	2159.	10333.	1406.	324132.	0.	21734.	7290.	0.	1213.	0.	53805.	650.
1963	8	.39	0.	13671.	1406.	308462.	0.	21712.	5650.	0.	1212.	0.	27848.	650.
1963	9	.36	584.	7316.	1406.	299730.	0.	17751.	1881.	0.	991.	0.	9622.	650.
1963	10	.33	591.	6303.	14436.	273483.	0.	17243.	1097.	0.	962.	0.	5718.	650.
1963	11	.34	2435.	1496.	1406.	272423.	22743.	15781.	626.	0.	881.	0.	13459.	650.
1963	12	.32	2012.	1040.	4641.	266793.	3787.	15654.	280.	0.	873.	0.	5954.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.29	0.	1287.	15522.	243426.	0.	15336.	210.	0.	856.	0.	5930.	650.
1964	2	.27	0.	940.	14178.	222318.	0.	14065.	58.	0.	785.	0.	5985.	650.
1964	3	.24	965.	1884.	16000.	198639.	1304.	17052.	359.	0.	952.	0.	5877.	650.
1964	4	.20	0.	3923.	18418.	168516.	0.	17857.	663.	0.	996.	0.	5776.	650.
1964	5	.18	145.	1786.	16384.	143570.	2318.	18471.	0.	0.	1031.	0.	6006.	650.
1964	6	.14	2673.	5310.	17632.	115852.	2220.	19170.	1016.	0.	1070.	0.	5671.	650.
1964	7	.10	105.	5115.	20743.	81336.	1749.	21734.	654.	0.	1213.	0.	5775.	650.
1964	8	.10	3302.	4030.	452.	79966.	23105.	21712.	1504.	0.	1212.	0.	6116.	650.
1964	9	.28	681.	2677.	1406.	75969.	170057.	17751.	1212.	0.	991.	0.	158615.	650.
1964	10	.30	7568.	3061.	1406.	78476.	226270.	17243.	3465.	0.	962.	190910.	174673.	178196.
1964	11	.28	8739.	2526.	1406.	82689.	4570.	15781.	6957.	0.	881.	0.	157911.	650.
1964	12	.26	0.	892.	1406.	79797.	0.	15654.	1551.	0.	873.	0.	142112.	650.
1965	1	.24	508.	539.	1406.	77766.	0.	15336.	2074.	0.	856.	0.	126108.	650.
1965	2	.23	4438.	-1152.	1406.	81356.	0.	14065.	-2567.	0.	785.	0.	116016.	650.
1965	3	.25	0.	1221.	1406.	78135.	39687.	17052.	2153.	0.	952.	0.	137903.	650.
1965	4	.23	6634.	1560.	1406.	81209.	0.	17857.	4595.	0.	996.	0.	116857.	650.
1965	5	.38	68285.	-1631.	1406.	149125.	131459.	18471.	-2695.	0.	1031.	59273.	174673.	55774.
1965	6	.38	2048.	4068.	1406.	145105.	44496.	19170.	9626.	0.	1070.	17106.	174673.	16559.
1965	7	.33	0.	6906.	1406.	136200.	8478.	21734.	13452.	0.	1213.	0.	149372.	650.
1965	8	.29	0.	5948.	1406.	128252.	0.	21712.	10747.	0.	1212.	0.	118318.	650.
1965	9	.25	0.	4449.	1406.	121803.	0.	17751.	7597.	0.	991.	0.	94376.	650.
1965	10	.23	1400.	1595.	1406.	119607.	0.	17243.	2698.	0.	962.	0.	75841.	650.
1965	11	.21	111.	1309.	1406.	116409.	1794.	15781.	2552.	0.	881.	0.	60708.	650.
1965	12	.20	4202.	-610.	1406.	119221.	5880.	15654.	-102.	0.	873.	0.	52442.	650.
1966	1	.18	0.	-1404.	1406.	118625.	0.	15336.	-340.	0.	856.	0.	38852.	650.
1966	2	.17	2307.	350.	1406.	118582.	0.	14065.	128.	0.	785.	0.	26065.	650.
1966	3	.15	16.	608.	1406.	115989.	0.	17052.	650.	0.	952.	0.	9769.	650.
1966	4	.18	16583.	986.	1406.	129586.	27683.	17857.	-610.	0.	996.	0.	21611.	650.
1966	5	.38	18314.	-194.	1406.	146094.	206958.	18471.	-3582.	0.	1031.	40412.	174673.	38233.
1966	6	.38	9218.	2351.	1406.	150961.	34719.	19170.	193.	0.	1070.	16762.	174673.	16239.
1966	7	.34	694.	4592.	1406.	145064.	0.	21734.	6976.	0.	1213.	0.	147369.	650.
1966	8	.33	10761.	5684.	1406.	148140.	5490.	21712.	3248.	0.	1212.	0.	129305.	650.
1966	9	.36	20929.	2733.	1406.	164336.	31194.	17751.	3981.	0.	991.	0.	140173.	650.
1966	10	.32	469.	4177.	1406.	158629.	1424.	17243.	7370.	0.	962.	0.	118390.	650.
1966	11	.30	0.	1475.	1406.	155153.	189.	15781.	5651.	0.	881.	0.	98553.	650.
1966	12	.27	0.	2493.	1406.	150660.	0.	15654.	3144.	0.	873.	0.	81160.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR — BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.25	0.	1535.	1406.	147125.	11.	15336.	693.	0.	856.	0.	66548.	650.
1967	2	.23	146.	607.	1406.	144664.	726.	14065.	1893.	0.	785.	0.	52722.	650.
1967	3	.21	0.	899.	1406.	141764.	2978.	17052.	2539.	0.	952.	0.	37515.	650.
1967	4	.19	626.	1674.	1406.	138717.	5725.	17857.	2270.	0.	996.	0.	24518.	650.
1967	5	.19	4246.	1371.	1406.	139592.	14105.	18471.	1043.	0.	1031.	0.	20515.	650.
1967	6	.15	0.	5846.	6591.	124370.	0.	19170.	2128.	0.	1070.	0.	5808.	650.
1967	7	.11	11.	6219.	22779.	85759.	0.	21734.	1252.	0.	1213.	0.	5602.	650.
1967	8	.14	8928.	3660.	1406.	89027.	41103.	21712.	152.	0.	1212.	0.	26247.	650.
1967	9	.70	339587.	2441.	1406.	424173.	1392125.	17751.	-5005.	0.	991.	1232359.	174673.	1146744.
1967	10	.73	24578.	2550.	1406.	444201.	182132.	17243.	578.	0.	962.	165718.	174673.	154767.
1967	11	.73	13260.	1999.	1406.	453463.	15874.	15781.	4362.	0.	881.	0.	171810.	650.
1967	12	.74	2223.	1205.	1406.	452481.	23723.	15654.	4195.	0.	873.	2418.	174673.	2898.
1968	1	.84	95143.	1267.	1406.	544356.	150581.	15336.	-578.	0.	856.	137228.	174673.	128272.
1968	2	.85	9962.	-1338.	1406.	553656.	28779.	14065.	578.	0.	785.	15542.	174673.	15104.
1968	3	.85	8635.	450.	1406.	559841.	10619.	17052.	3566.	0.	952.	0.	166080.	650.
1968	4	.84	6405.	1131.	1406.	563115.	10090.	17857.	3072.	0.	996.	0.	156646.	650.
1968	5	.99	110820.	1683.	1406.	670252.	203818.	18471.	385.	0.	1031.	168341.	174673.	157207.
1968	6	.99	7493.	9906.	1406.	665839.	26124.	19170.	2118.	0.	1070.	6242.	174673.	6455.
1968	7	.98	17116.	11425.	1406.	669530.	18890.	21734.	4889.	0.	1213.	0.	168346.	650.
1968	8	.93	391.	12366.	1406.	655555.	4642.	21712.	11363.	0.	1212.	0.	141319.	650.
1968	9	.93	3276.	1503.	1406.	655328.	14343.	17751.	5939.	0.	991.	0.	133378.	650.
1968	10	.91	128.	6485.	1406.	646971.	11916.	17243.	631.	0.	962.	0.	128826.	650.
1968	11	.88	0.	8397.	1406.	636574.	3199.	15781.	5595.	0.	881.	0.	112055.	650.
1968	12	.86	542.	4896.	1406.	630220.	6309.	15654.	3024.	0.	873.	0.	101092.	650.
1969	1	.84	77.	2434.	1406.	625863.	2235.	15336.	2195.	0.	856.	0.	87202.	650.
1969	2	.85	3657.	243.	1406.	627277.	18255.	14065.	-5761.	0.	785.	0.	98559.	650.
1969	3	.82	171.	6296.	1406.	619151.	703.	17052.	1646.	0.	952.	0.	81970.	650.
1969	4	.81	868.	1926.	1406.	616094.	10353.	17857.	2352.	0.	996.	0.	73520.	650.
1969	5	.82	2122.	-721.	1406.	616937.	25774.	18471.	1643.	0.	1031.	0.	80585.	650.
1969	6	.79	142.	8611.	1406.	606468.	7705.	19170.	6946.	0.	1070.	0.	63579.	650.
1969	7	.74	0.	16247.	1406.	588221.	6979.	21734.	5271.	0.	1213.	0.	44960.	650.
1969	8	.70	1233.	15019.	1406.	572436.	243.	21712.	1879.	0.	1212.	0.	23018.	650.
1969	9	.68	916.	5021.	1406.	566331.	8103.	17751.	1718.	0.	991.	0.	13058.	650.
1969	10	.80	51775.	9538.	1406.	606568.	78055.	17243.	3316.	0.	962.	0.	71960.	650.
1969	11	.87	12341.	7148.	1406.	609760.	71630.	15781.	0.	0.	881.	0.	129215.	650.
1969	12	.89	3358.	5477.	1406.	605641.	39811.	15654.	2469.	0.	873.	0.	152308.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1970	1	.88	1710.	2373.	1406.	602978.	9766.	15336.	-347.	0.	856.	0.	148491.	650.
1970	2	.86	811.	3545.	1406.	598245.	5172.	14065.	2337.	0.	785.	0.	138667.	650.
1970	3	.87	6292.	4713.	1406.	597824.	24066.	17052.	2806.	0.	952.	0.	144281.	650.
1970	4	.84	486.	5866.	1406.	590444.	3688.	17857.	4474.	0.	996.	0.	127044.	650.
1970	5	.93	36107.	7588.	1406.	616963.	64168.	18471.	-1221.	0.	1031.	694.	174673.	1295.
1970	6	.94	29094.	13328.	1406.	630729.	157117.	19170.	1925.	0.	1070.	137427.	174673.	128458.
1970	7	.90	1107.	12844.	1406.	616992.	5205.	21734.	10337.	0.	1213.	0.	149213.	650.
1970	8	.87	1899.	9810.	1406.	607081.	12541.	21712.	7666.	0.	1212.	0.	133782.	650.
1970	9	.87	7595.	-11772.	1406.	624448.	185.	17751.	3025.	0.	991.	0.	114596.	650.
1970	10	.86	3504.	7252.	1406.	618699.	22639.	17243.	5996.	0.	962.	0.	115403.	650.
1970	11	.83	396.	7196.	1406.	609900.	1254.	15781.	5052.	0.	881.	0.	97229.	650.
1970	12	.80	372.	6417.	1406.	601854.	4778.	15654.	3287.	0.	873.	0.	84472.	650.
1971	1	.78	349.	6596.	1406.	593608.	1278.	15336.	3488.	0.	856.	0.	68331.	650.
1971	2	.75	33.	5372.	1406.	586269.	511.	14065.	2437.	0.	785.	0.	53746.	650.
1971	3	.71	0.	10394.	1406.	573875.	20.	17052.	3577.	0.	952.	0.	34543.	650.
1971	4	.69	0.	7074.	1406.	564800.	10911.	17857.	1740.	0.	996.	0.	27263.	650.
1971	5	.66	0.	8800.	1406.	554001.	54.	18471.	1672.	0.	1031.	0.	8579.	650.
1971	6	.62	3185.	7504.	17207.	525205.	0.	19170.	857.	0.	1070.	0.	5759.	650.
1971	7	.81	5500.	15553.	1406.	513152.	300281.	21734.	11843.	0.	1213.	99197.	174673.	92903.
1971	8	1.00	290383.	4758.	84932.	677964.	415914.	21712.	-4235.	0.	1212.	483369.	174673.	450183.
1971	9	1.00	23578.	-515.	16937.	677964.	608695.	17751.	-20406.	0.	991.	628287.	174673.	584957.
1971	10	1.00	116320.	1287.	80868.	677964.	830575.	17243.	-578.	0.	962.	894778.	174673.	832794.
1971	11	1.00	15576.	6948.	6066.	677964.	75047.	15781.	6160.	0.	881.	59171.	174673.	55679.
1971	12	1.00	7241.	2573.	3281.	677964.	23125.	15654.	1348.	0.	873.	9405.	174673.	9396.
1972	1	1.00	4631.	2059.	1808.	677964.	16951.	15336.	1540.	0.	856.	1883.	174673.	2401.
1972	2	.99	3483.	3341.	1406.	676106.	8422.	14065.	2642.	0.	785.	0.	167793.	650.
1972	3	.96	1924.	7662.	1406.	668367.	6502.	17052.	5199.	0.	952.	0.	153450.	650.
1972	4	.93	1135.	8338.	1406.	659164.	0.	17857.	2672.	0.	996.	0.	134326.	650.
1972	5	1.00	20067.	2030.	1406.	675201.	152097.	18471.	-4428.	0.	1031.	99113.	174673.	92825.
1972	6	.98	2096.	7146.	1406.	668151.	11320.	19170.	3923.	0.	1070.	0.	164305.	650.
1972	7	.94	386.	8585.	1406.	657952.	4209.	21734.	5720.	0.	1213.	0.	142467.	650.
1972	8	.92	3247.	9753.	1406.	649446.	19160.	21712.	7233.	0.	1212.	0.	134087.	650.
1972	9	.95	23639.	7024.	1406.	664061.	30552.	17751.	3908.	0.	991.	0.	144386.	650.
1972	10	.92	2430.	8307.	1406.	656184.	4828.	17243.	2272.	0.	962.	0.	131105.	650.
1972	11	.90	1137.	2753.	1406.	652568.	0.	15781.	2850.	0.	881.	0.	113880.	650.
1972	12	.87	1565.	4485.	1406.	647649.	0.	15654.	2869.	0.	873.	0.	96763.	650.

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1973	1	.85	2164.	1490.	1406.	646323.	0.	15336.	1134.	0.	856.	0.	81698.	650.
1973	2	.84	3352.	-497.	1406.	648172.	0.	14065.	233.	0.	785.	0.	68805.	650.
1973	3	.82	2467.	5703.	1406.	642936.	4138.	17052.	2659.	0.	952.	0.	54638.	650.
1973	4	.82	8327.	2230.	1406.	647032.	16349.	17857.	1732.	0.	996.	0.	52805.	650.
1973	5	.79	1626.	10126.	1406.	636532.	4294.	18471.	2850.	0.	1031.	0.	37183.	650.
1973	6	.98	29452.	2240.	1406.	661744.	248540.	19170.	-23871.	0.	1070.	117157.	174673.	109606.
1973	7	1.00	106563.	10808.	55913.	677964.	38985.	21734.	9240.	0.	1213.	63924.	174673.	60100.
1973	8	1.00	22079.	9264.	9009.	677964.	13921.	21712.	2672.	0,	1212.	0.	173218.	650.
1973	9	1.00	45440.	3088.	29774.	677964.	36310.	17751.	-2888.	0.	991.	49765.	174673.	46932.
1973	10	1.00	87828.	3088.	59572.	677964.	394483.	17243.	-7893.	0.	962.	444705.	174673.	414226.
1973	11	1.00	15714.	8235.	5258.	677964.	59692.	15781.	6738.	0.	881.	42431.	174673.	40111.
1973	12	1.00	8399.	8225.	1406.	676138.	19639.	15654.	6628.	0.	873.	0.	173436.	650.
1974	1	.99	7266.	2058.	2378.	677964.	7505.	15336.	-190.	0.	856.	0.	168172.	650.
1974	2	.97	5165.	7952.	1406.	673177.	0.	14065.	5690.	0.	785.	0.	149823.	650.
1974	3	1.00	14442.	3344.	4436.	677964.	37816.	17052.	-2401.	0.	952.	2751.	174673.	3209.
1974	4	.97	3030.	8960.	1406.	670034.	3992.	17857.	7622.	0.	996.	0.	154592.	650.
1974	5	.96	10227.	7136.	1406.	671125.	17679.	18471.	4504.	0.	1031.	0.	150701.	650.
1974	6	.93	3596.	12408.	1406.	660313.	2196.	19170.	3132.	0.	1070.	0.	132001.	650.
1974	7	.88	722.	14981.	1406.	644054.	1080.	21734.	9330.	0.	1213.	0.	103423.	650.
1974	8	.98	31134.	6263.	1406.	666925.	83900.	21712.	2390.	0.	1212.	0.	164627.	650.
1974	9	1.00	71154.	7463.	37015.	677964.	121077.	17751.	-1540.	0.	991.	131835.	174673.	123256.
1974	10	.99	8348.	5404.	2070.	677964.	7271.	17243.	4824.	0.	962.	0.	161947.	650.
1974	11	.99	7564.	2831.	3328.	677964.	17467.	15781.	2553.	0.	881.	0.	164407.	650.
1974	12	.98	6587.	3345.	2279.	677964.	6655.	15654.	1981.	0.	873.	0.	155705.	650.
1975	1	.97	6410.	4117.	1612.	677964.	5940.	15336.	2073.	0.	856.	0.	145848.	650.
1975	2	.97	21313.	4117.	12089.	677964.	5572.	14065.	3534.	0.	785.	0.	145909.	650.
1975	3	.94	5529.	7699.	1406.	673794.	4898.	17052.	5162.	0.	952.	0.	129999.	650.
1975	4	.92	5538.	7149.	1406.	670183.	5280.	17857.	5486.	0.	996.	0.	113342.	650.
1975	5	1.00	55024.	4375.	30136.	677964.	74587.	18471.	4368.	0.	1031.	20553.	174673.	19765.
1975	6	1.00	21938.	7977.	9814.	677964.	108813.	19170.	6545.	0.	1070.	92912.	174673.	87058.
1975	7	1.00	9641.	10020.	1406.	675585.	65134.	21734.	6545.	0.	1213.	38261.	174673.	36233.
1975	8	.98	4389.	11222.	1406.	666751.	13244.	21712.	2997.	0.	1212.	0.	164613.	650.
1975	9	.96	8953.	8360.	1406.	665344.	8359.	17751.	4446.	0.	991.	0.	152182.	650.
1975	10	.93	4208.	8828.	1406.	658724.	3222.	17243.	6736.	0.	962.	0.	132831.	650.
1975	11	.91	3788.	8268.	1406.	652245.	11398.	15781.	5683.	0.	881.	0.	124171.	650.
1975	12	.89	3601.	4488.	1406.	649358.	0.	15654.	2605.	0.	873.	0.	107317.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.87	3760.	5714.	1406.	645404.	4060.	15336.	3332.	0.	856.	0.	94115.	650.
1976	2	.84	2127.	7655.	1406.	637876.	0.	14065.	3926.	0.	785.	0.	77530.	650.
1976	3	.81	1834.	6617.	1406.	631092.	0.	17052.	3208.	0.	952.	0.	58676.	650.
1976	4	.83	20234.	1971.	1406.	647356.	13739.	17857.	-2651.	0.	996.	0.	58616.	650.
1976	5	.90	59994.	4353.	17598.	677964.	33205.	18471.	116.	0.	1031.	0.	90831.	650.
1976	6	.87	6324.	14063.	1406.	668225.	1091.	19170.	3927.	0.	1070.	0.	70230.	650.
1976	7	1.00	65453.	4375.	36091.	677964.	89824.	21734.	-5746.	0.	1213.	5485.	174673.	5751.
1976	8	1.00	17934.	14925.	2115.	677964.	55173.	21712.	11551.	0.	1212.	24025.	174673.	22994.
1976	9	1.00	9256.	7462.	1406.	677758.	96730.	17751.	5390.	0.	991.	74995.	174673.	70395.
1976	10	1.00	40525.	3345.	25993.	677964.	124642.	17243.	-4043.	0.	962.	137435.	174673.	128464.
1976	11	1.00	32483.	772.	22293.	677964.	243951.	15781.	-3273.	0.	881.	253735.	174673.	236624.
1976	12	1.00	21599.	772.	14641.	677964.	97225.	15654.	-2695.	0.	873.	98907.	174673.	92634.
1977	1	1.00	16730.	-772.	12304.	677964.	35617.	15336.	-385.	0.	856.	32970.	174673.	31312.
1977	2	1.00	13571.	4375.	6465.	677964.	20144.	14065.	1925.	0.	785.	10619.	174673.	10525.
1977	3	.99	11776.	6691.	3575.	677964.	14179.	17052.	5096.	0.	952.	0.	170279.	650.
1977	4	1.00	111433.	515.	77976.	677964.	198831.	17857.	3080.	0.	996.	251475.	174673.	234522.
1977	5	1.00	33294.	5147.	19788.	677964.	66408.	18471.	3465.	0.	1031.	64259.	174673.	60411.
1977	6	1.00	12575.	9521.	2147.	677964.	27814.	19170.	7073.	0.	1070.	3717.	174673.	4107.
1977	7	.95	5795.	17596.	1406.	664163.	5700.	21734.	11703.	0.	1213.	0.	148342.	650.
1977	8	.90	2698.	19279.	1406.	645582.	1209.	21712.	11458.	0.	1212.	0.	117787.	650.
1977	9	.85	3541.	14531.	1406.	632592.	527.	17751.	5612.	0.	991.	0.	96357.	650.
1977	10	.83	8591.	10253.	1406.	628930.	3676.	17243.	2384.	0.	962.	0.	81811.	650.
1977	11	.83	9593.	6339.	1406.	630184.	11486.	15781.	3071.	0.	881.	0.	75851.	650.
1977	12	.81	5980.	7064.	1406.	627100.	3162.	15654.	3328.	0.	873.	0.	61437.	650.
1978	1	.80	5806.	2190.	1406.	628716.	3460.	15336.	303.	0.	856.	0.	50663.	650.
1978	2	.78	4363.	2436.	1406.	628643.	2605.	14065.	587.	0.	785.	0.	40022.	650.
1978	3	.76	3175.	9216.	1406.	620602.	2511.	17052.	2402.	0.	952.	0.	24485.	650.
1978	4	.73	2327.	7697.	1406.	613231.	2825.	17857.	1056.	0.	996.	0.	9803.	650.
1978	5	.70	2174.	10420.	9155.	591962.	6305.	18471.	1064.	0.	1031.	0.	5728.	650.
1978	6	.81	61248.	8423.	1406.	642787.	60626.	19170.	1639.	0.	1070.	0.	46950.	650.
1978	7	.77	1979.	15450.	1406.	627316.	5918.	21734.	5162.	0.	1213.	0.	27378.	650.
1978	8	.84	53621.	9945.	1406.	668992.	42129.	21712.	3694.	0.	1212.	0.	45507.	650.
1978	9	.89	22565.	3600.	7025.	677964.	49909.	17751.	110.	0.	991.	0.	84580.	650.
1978	10	.86	1915.	7936.	1406.	669943.	704.	17243.	2441.	0.	962.	0.	67007.	650.
1978	11	.85	2640.	3051.	1406.	667533.	5503.	15781.	2023.	0.	881.	0.	56112.	650.
1978	12	.83	2510.	3547.	1406.	664496.	1894.	15654.	1254.	0.	873.	0.	42503.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1979	1	.83	5066.	253.	1406.	667309.	7516.	15336.	-759.	0.	856.	0.	36848.	650.
1979	2	.81	3035.	2029.	1406.	666315.	2342.	14065.	125.	0.	785.	0.	26406.	650.
1979	3	.80	11232.	5589.	1406.	669958.	32.	17052.	618.	0.	952.	0.	10173.	650.
1979	4	.85	31868.	1544.	15690.	677964.	40147.	17857.	59.	0.	996.	0.	48094.	650.
1979	5	.86	10600.	6433.	2929.	677964.	20246.	18471.	999.	0.	1031.	0.	51799.	650.
1979	6	1.00	79525.	7720.	50479.	677964.	162327.	19170.	7480.	0.	1070.	63282.	174673.	59503.
1979	7	.98	9577.	10020.	1406.	675521.	5125.	21734.	2217.	0.	1213.	0.	157254.	650.
1979	8	.93	2451.	13731.	1406.	662241.	4652.	21712.	7973.	0.	1212.	0.	133626.	650.
1979	9	.90	1561.	9288.	1406.	652514.	1445.	17751.	-309.	0.	991.	0.	119035.	650.
1979	10	.86	962.	14125.	1406.	637351.	2473.	17243.	7416.	0.	962.	0.	98255.	650.
1979	11	.83	1113.	7587.	1406.	628878.	0.	15781.	4485.	0.	881.	0.	79395.	650.
1979	12	.81	2612.	3649.	1406.	625841.	3972.	15654.	1949.	0.	873.	0.	67170.	650.
1980	1	.80	3083.	1457.	1406.	625467.	0.	15336.	-2813.	0.	856.	0.	56052.	650.
1980	2	.78	1479.	3633.	1406.	621313.	0.	14065.	898.	0.	785.	0.	42495.	650.
1980	3	.75	538.	7696.	1406.	612155.	0.	17052.	1990.	0.	952.	0.	24859.	650.
1980	4	.71	246.	10938.	729.	600426.	0.	17857.	1689.	0.	996.	0.	6041.	650.
1980	5	.94	96850.	3969.	10787.	677964.	129578.	18471.	2189.	0.	1031.	0.	125745.	650.
1980	6	.93	8591.	18890.	1406.	665665.	30987.	19170.	11666.	0.	1070.	0.	127302.	650.
1980	7	.87	9.	20273.	1406.	643401.	3035.	21734.	12302.	0.	1213.	0.	97708.	650.
1980	8	.99	36246.	8275.	1406.	669372.	314054.	21712.	-385.	0.	1212.	217168.	174673.	202616.
1980	9	1.00	17144.	8434.	1406.	676082.	20357.	17751.	-963.	0.	991.	4974.	174673.	5276.
1980	10	.97	9251.	10248.	1406.	673085.	371.	17243.	8269.	0.	962.	0.	150938.	650.
1980	11	.94	820.	2551.	1406.	669354.	735.	15781.	1338.	0.	881.	0.	135960.	650.
1980	12	.92	735.	3551.	1406.	664538.	4956.	15654.	2959.	0.	873.	0.	123709.	650.
1981	1	.91	1607.	1516.	1406.	662629.	1363.	15336.	-738.	0.	856.	0.	111880.	650.
1981	2	.89	822.	2771.	1406.	658681.	1081.	14065.	276.	0.	785.	0.	100025.	650.
1981	3	.87	1980.	3513.	1406.	655148.	2304.	17052.	1156.	0.	952.	0.	85527.	650.
1981	4	.87	20377.	4037.	1406.	669488.	2124.	17857.	2806.	0.	996.	0.	68394.	650.
1981	5	1.00	45909.	3603.	23783.	677964.	169403.	18471.	-2875.	0.	1031.	71311.	174673.	66969.
1981	6	1.00	130166.	4117.	88612.	677964.	350103.	19170.	-5390.	0.	1070.	424935.	174673.	395840.
1981	7	1.00	29639.	11837.	12515.	677964.	139864.	21734.	2888.	0.	1213.	127757.	174673.	119464.
1981	8	.98	5895.	10505.	1406.	671354.	16755.	21712.	3947.	0.	1212.	0.	167174.	650.
1981	9	.98	5402.	11672.	1406.	663084.	67608.	17751.	10203.	0.	991.	33561.	174673.	31862.
1981	10	1.00	52596.	4375.	23439.	677964.	73254.	17243.	193.	0.	962.	79258.	174673.	74360.
1981	11	1.00	7109.	6940.	1406.	676133.	43940.	15781.	6160.	0.	881.	23405.	174673.	22416.
1981	12	.99	5966.	5642.	1406.	674458.	9648.	15654.	3754.	0.	873.	0.	166319.	650.

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1982	1	.97	6079.	5885.	1406.	672652.	8731.	15336.	4859.	0.	856.	0.	156261.	650.
1982	2	.97	5391.	512.	1406.	675531.	9721.	14065.	-177.	0.	785.	0.	153499.	650.
1982	3	.96	5040.	5379.	1406.	673193.	9631.	17052.	3580.	0.	952.	0.	143904.	650.
1982	4	.94	4327.	3577.	1406.	671942.	4747.	17857.	2423.	0.	996.	0.	129777.	650.
1982	5	1.00	13401.	4616.	1943.	677964.	95645.	18471.	-566.	0.	1031.	34786.	174673.	33001.
1982	6	.97	4917.	11515.	1406.	669366.	14920.	19170.	10432.	0.	1070.	0.	161396.	650.
1982	7	.91	2858.	20131.	1406.	650093.	2304.	21734.	14061.	0.	1213.	0.	129311.	650.
1982	8	.86	1687.	17280.	1406.	632500.	3035.	21712.	11250.	0.	1212.	0.	100790.	650.
1982	9	.82	1809.	12632.	1406.	619678.	7407.	17751.	8166.	0.	991.	0.	83686.	650.
1982	10	.83	12674.	243.	1406.	630109.	14384.	17243.	3587.	0.	962.	0.	78646.	650.
1982	11	.81	705.	2678.	1406.	626136.	6182.	15781.	1953.	0.	881.	0.	68500.	650.
1982	12	.79	1341.	5086.	1406.	620392.	4029.	15654.	2560.	0.	873.	0.	55721.	650.
1983	1	.77	1733.	2892.	1406.	617232.	0.	15336.	1400.	0.	856.	0.	40391.	650.
1983	2	.76	2170.	0.	1406.	617402.	525.	14065.	-134.	0.	785.	0.	28391.	650.
1983	3	.74	2359.	2404.	1406.	615357.	7519.	17052.	942.	0.	952.	0.	19322.	650.
1983	4	.71	670.	11408.	5793.	596379.	139.	17857.	1556.	0.	996.	0.	5840.	650.
1983	5	.67	0.	7641.	14555.	568034.	4561.	18471.	732.	0.	1031.	0.	5753.	650.
1983	6	.64	9527.	8528.	19423.	541404.	0.	19170.	0.	0.	1070.	0.	6006.	650.
1983	7	.60	321.	10412.	18649.	504786.	3608.	21734.	792.	0.	1213.	0.	5737.	650.
1983	8	.56	39.	10031.	15854.	472243.	6850.	21712.	1082.	0.	1212.	0.	5646.	650.
1983	9	.63	16923.	7009.	1406.	480157.	65388.	17751.	1779.	0.	991.	0.	52910.	650.
1983	10	.62	659.	4952.	1406.	473864.	18722.	17243.	2095.	0.	962.	0.	53700.	650.
1983	11	.60	73.	3485.	1406.	468452.	8509.	15781.	2744.	0.	881.	0.	45090.	650.
1983	12	.58	49.	3667.	1406.	462834.	0.	15654.	1270.	0.	873.	0.	29571.	650.
1984	1	.57	0.	1216.	1406.	459618.	7603.	15336.	-54.	0.	856.	0.	23298.	650.
1984	2	.55	0.	4435.	1406.	453182.	1996.	14065.	953.	0.	785.	0.	11682.	650.
1984	3	.51	0.	6750.	9597.	432781.	2538.	17052.	999.	0.	952.	0.	5766.	650.
1984	4	.47	0.	9160.	18727.	396983.	0.	17857.	951.	0.	996.	0.	5685.	650.
1984	5	.44	0.	8206.	12328.	371240.	7077.	18471.	929.	0.	1031.	0.	5690.	650.
1984	6	.42	0.	11089.	6387.	351066.	13595.	19170.	759.	0.	1070.	0.	5742.	650.
1984	7	.39	19.	9672.	9926.	327292.	12735.	21734.	1000.	0.	1213.	0.	5670.	650.
1984	8	.34	0.	12161.	19568.	287296.	3304.	21712.	1225.	0.	1212.	0.	5605.	650.
1984	9	.30	0.	8932.	17197.	253901.	1469.	17751.	789.	0.	991.	0.	5731.	650.
1984	10	.39	59683.	1067.	1406.	310517.	34076.	17243.	-520.	0.	962.	0.	24490.	650.
1984	11	.38	0.	2405.	1406.	306112.	12534.	15781.	826.	0.	881.	0.	21823.	650.
1984	12	.37	0.	1273.	1406.	302839.	5161.	15654.	317.	0.	873.	0.	12419.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1985	1	.40	27754.	487.	1406.	328106.	12265.	15336.	-415.	0.	856.	0.	11169.	650.
1985	2	.38	1210.	1157.	5121.	320875.	3646.	14065.	-180.	0.	785.	0.	6050.	650.
1985	3	.39	3654.	1149.	1406.	321379.	20293.	17052.	221.	0.	952.	0.	10477.	650.
1985	4	.44	6998.	1648.	1406.	324729.	51955.	17857.	-3163.	0.	996.	0.	49143.	650.
1985	5	.53	5492.	3142.	1406.	325079.	96893.	18471.	755.	0.	1031.	0.	128216.	650.
1985	6	.57	2759.	-3321.	1406.	329159.	49767.	19170.	2496.	0.	1070.	0.	157723.	650.
1985	7	.58	8911.	9312.	1406.	326758.	43836.	21734.	11298.	0.	1213.	0.	169934.	650.
1985	8	.53	687.	12613.	1406.	312832.	1569.	21712.	12987.	0.	1212.	0.	138210.	650.
1985	9	.52	21947.	3448.	1406.	329331.	0.	17751.	4603.	0.	991.	0.	117261.	650.
1985	10	.67	71023.	2294.	1406.	396060.	74059.	17243.	170.	0.	962.	641.	174673.	1246.
1985	11	.68	8123.	-1681.	1406.	403864.	108345.	15781.	-770.	0.	881.	94740.	174673.	88758.
1985	12	.67	551.	2621.	1406.	399793.	13395.	15654.	3410.	0.	873.	0.	170410.	650.
1986	1	.64	1274.	2607.	1406.	396460.	0.	15336.	3437.	0.	856.	0.	153043.	650.
1986	2	.63	0.	4068.	1406.	390392.	6277.	14065.	1885.	0.	785.	0.	144776.	650.
1986	3	.59	0.	7312.	1406.	381080.	0.	17052.	6759.	0.	952.	0.	122370.	650.
1986	4	.56	0.	5954.	1406.	373126.	1478.	17857.	5214.	0.	996.	0.	102183.	650.
1986	5	.53	1410.	1969.	1406.	370567.	1039.	18471.	3567.	0.	1031.	0.	82590.	650.
1986	6	.59	39629.	-2209.	1406.	410406.	32572.	19170.	2381.	0.	1070.	0.	95017.	650.
1986	7	.54	1416.	13326.	1406.	396496.	2372.	21734.	9851.	0.	1213.	0.	67211.	650.
1986	8	.50	1204.	12690.	1406.	383010.	1339.	21712.	5512.	0.	1212.	0.	42731.	650.
1986	9	.48	10707.	10364.	1406.	381353.	0.	17751.	2227.	0.	991.	0.	24159.	650.
1986	10	.54	64227.	-1142.	1406.	444722.	11889.	17243.	654.	0.	962.	0.	19557.	650.
1986	11	.54	2730.	2385.	1406.	443067.	14966.	15781.	175.	0.	881.	0.	19973.	650.
1986	12	.59	31026.	-2426.	1406.	474519.	22184.	15654.	-408.	0.	873.	0.	28317.	650.
1987	1	.59	11204.	1653.	1406.	482070.	10990.	15336.	380.	0.	856.	0.	24996.	650.
1987	2	.61	5537.	-2290.	1406.	487897.	14970.	14065.	-1054.	0.	785.	0.	28361.	650.
1987	3	.61	8485.	4390.	1406.	489992.	15039.	17052.	1368.	0.	952.	0.	26387.	650.
1987	4	.58	5701.	7935.	1406.	485757.	0.	17857.	687.	0.	996.	0.	9248.	650.
1987	5	.59	17295.	2518.	1406.	498535.	15801.	18471.	-426.	0.	1031.	0.	8409.	650.
1987	6	1.00	495187.	-3860.	224691.	677964.	131940.	19170.	-8085.	0.	1070.	179283.	174673.	167383.
1987	7	1.00	78727.	12609.	46481.	677964.	70508.	21734.	8085.	0.	1213.	87170.	174673.	81718.
1987	8	.97	20346.	17756.	1821.	677964.	10754.	21712.	12519.	0.	1212.	0.	153017.	650.
1987	9	.97	11981.	10291.	1406.	677654.	18292.	17751.	8304.	0.	991.	0.	146660.	650.
1987	10	.94	6306.	14311.	1406.	667649.	5964.	17243.	4716.	0.	962.	0.	132071.	650.
1987	11	.93	7847.	4827.	1406.	668669.	7328.	15781.	1547.	0.	881.	0.	123477.	650.
1987	12	.92	8261.	3819.	1406.	671111.	3887.	15654.	2479.	0.	873.	0.	110637.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1988	1	.90	8310.	4596.	1406.	672825.	2732.	15336.	2040.	0.	856.	0.	97399.	650.
1988	2	.89	7609.	4094.	1406.	674340.	783.	14065.	1649.	0.	785.	0.	83874.	650.
1988	3	.87	6073.	6648.	1406.	671766.	921.	17052.	3229.	0.	952.	0.	65919.	650.
1988	4	.84	3392.	6867.	1406.	666291.	2546.	17857.	3981.	0.	996.	0.	48034.	650.
1988	5	.81	6383.	5571.	1406.	665103.	0.	18471.	2419.	0.	1031.	0.	28549.	650.
1988	6	.78	8164.	13611.	1406.	657655.	0.	19170.	1804.	0.	1070.	0.	8980.	650.
1988	7	.76	23420.	11208.	19609.	641974.	0.	21734.	1163.	0.	1213.	0.	5693.	650.
1988	8	.72	5157.	14786.	18356.	606234.	4366.	21712.	1046.	0.	1212.	0.	5655.	650.
1988	9	.69	724.	9395.	9578.	583939.	8559.	17751.	57.	0.	991.	0.	5985.	650.
1988	10	.66	2390.	8694.	12929.	559243.	4748.	17243.	632.	0.	962.	0.	5787.	650.
1988	11	.64	0.	8261.	6782.	541336.	9671.	15781.	694.	0.	881.	0.	5764.	650.
1988	12	.64	0.	5506.	1406.	533830.	18030.	15654.	403.	0.	873.	0.	9143.	650.
1989	1	.64	2578.	658.	1406.	533750.	15243.	15336.	168.	0.	856.	0.	10288.	650.
1989	2	.62	4085.	2622.	6106.	526527.	4197.	14065.	709.	0.	785.	0.	5816.	650.
1989	3	.61	6267.	6704.	8448.	514073.	9523.	17052.	1088.	0.	952.	0.	5647.	650.
1989	4	.60	11752.	5987.	10213.	505310.	8649.	17857.	977.	0.	996.	0.	5675.	650.
1989	5	.58	7638.	13940.	5430.	491283.	14432.	18471.	1463.	0.	1031.	0.	5602.	650.
1989	6	.58	8904.	11707.	1406.	486480.	22324.	19170.	1516.	0.	1070.	0.	8645.	650.
1989	7	.58	6907.	14724.	1406.	476663.	31430.	21734.	2731.	0.	1213.	0.	17017.	650.
1989	8	.57	6922.	13140.	1406.	468445.	27912.	21712.	3558.	0.	1212.	0.	21065.	650.
1989	9	.55	154.	11158.	1406.	455441.	13373.	17751.	3069.	0.	991.	0.	15024.	650.
1989	10	.54	1903.	7619.	1406.	447725.	13532.	17243.	1250.	0.	962.	0.	11469.	650.
1989	11	.53	1288.	3190.	217.	445516.	10846.	15781.	726.	0.	881.	0.	6024.	650.
1989	12	.52	74.	0.	4382.	439356.	11438.	15654.	248.	0.	873.	0.	5942.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR
STATISTICS FOR SIMULATION RUN BASE3 ** FINAL **

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.034$	.072$	.067$	.068$	.106$	.173$	.170$	.093$	.086$	.061$	.037$	
MAX $	6596.$	7952.$	10394.$	11408.$	13940.$	18890.$	20273.$	19279.$	15741.$	14311.$	8730.$	8225.$	113904.$
MIN $	-6433.$	-4117.$	257.$	-5147.$	-6920.$	-12867.$	-3345.$	3660.$	-19300.$	-5147.$	-2443.$	-15764.$	18638.$
MEAN $	2396.$	2432.$	5229.$	4870.$	4943.$	7643.$	12504.$	12275.$	6706.$	6183.$	4410.$	2689.$	72281.$
GMEAN $	1016.$	582.$	4242.$	2489.$	1323.$	3124.$	10181.$	11390.$	2723.$	2638.$	2576.$	689.$	67730.$
MEDIAN$	2503.$	2526.$	5710.$	5168.$	5078.$	7849.$	12494.$	12999.$	7419.$	6176.$	4401.$	3372.$	75840.$
STDDEV$	2459.3$	2556.6$	2457.1$	3518.5$	4135.8$	5581.2$	4582.5$	4209.1$	6291.6$	4395.9$	2798.5$	3617.7$	22202.2$
SKEW $	-.13$	-.11$	-.59$	-.25$	-.10$	-.11$	.01$	-.52$	-.34$	.00$	.01$	-.57$	-.48$
CCR RELEASE-ADJ													
PER % $	.038$	.056$	.038$	.073$	.092$	.230$	.127$	.061$	.112$	.110$	.037$	.027$	
MAX $	15522.$	52660.$	16994.$	77976.$	98323.$	395159.$	100312.$	84932.$	74360.$	83719.$	25840.$	15248.$	598743.$
MIN $	1406.$	1406.$	1406.$	729.$	415.$	1406.$	1406.$	452.$	1406.$	1406.$	217.$	834.$	16252.$
MEAN $	2969.$	4417.$	3022.$	5743.$	7254.$	18129.$	10014.$	4830.$	8813.$	8655.$	2914.$	2121.$	78883.$
GMEAN $	1945.$	2236.$	1971.$	2305.$	2676.$	3256.$	2976.$	2185.$	2612.$	2790.$	1808.$	1679.$	45931.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	34383.$
STDDEV$	3961.3$	8284.3$	3964.1$	13387.0$	16243.1$	60199.5$	20603.5$	11749.1$	18828.3$	17745.0$	4763.0$	2574.9$	99325.6$
SKEW $	1.18$	1.09$	1.22$	.97$	1.08$	.83$	1.25$	.87$	1.18$	1.23$	.95$	.83$	1.34$
CCR E-O-M													
PER % $	.084$	.083$	.083$	.082$	.084$	.085$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	8102185.$
MIN $	77766.$	81356.$	78135.$	81209.$	139592.$	115852.$	81336.$	79966.$	75969.$	78476.$	82689.$	79797.$	1354189.$
MEAN $	560605.$	557812.$	551760.$	550847.$	560379.$	565321.$	556224.$	550028.$	557215.$	560468.$	557058.$	555497.$	6683213.$
GMEAN $	522716.$	518797.$	511546.$	511602.$	525590.$	527555.$	511765.$	504702.$	519985.$	524409.$	521111.$	519004.$	6279747.$
MEDIAN$	623816.$	619390.$	616643.$	603822.$	624019.$	644653.$	636998.$	632292.$	621822.$	623847.$	626008.$	623130.$	7467451.$
STDDEV$	153137.2$	155780.4$	157464.4$	157470.6$	154010.4$	156852.3$	162987.0$	165338.1$	153598.8$	150577.3$	150671.3$	151507.5$	1792118.0$
SKEW $	-1.24$	-1.19$	-1.24$	-1.01$	-1.24$	-1.52$	-1.49$	-1.49$	-1.26$	-1.26$	-1.37$	-1.34$	-1.31$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.081$	.084$	.087$	.091$	.103$	.103$	.084$	.081$	.074$	.074$	
MAX $	856.$	785.$	952.$	996.$	1031.$	1070.$	1213.$	1212.$	991.$	962.$	881.$	873.$	11820.$
MIN $	856.$	785.$	952.$	996.$	1031.$	1070.$	1213.$	1212.$	991.$	962.$	881.$	873.$	11820.$
MEAN $	856.$	785.$	952.$	996.$	1031.$	1070.$	1213.$	1212.$	991.$	962.$	881.$	873.$	11820.$

GMEAN $	856.$	785.$	952.$	996.$	1031.$	1070.$	1213.$	1212.$	991.$	962.$	881.$	874.$	11820.$
MEDIAN$	856.$	785.$	952.$	996.$	1031.$	1070.$	1213.$	1212.$	991.$	962.$	881.$	873.$	11820.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.091$	.103$	.103$	.084$	.081$	.075$	.074$	
MAX $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
MIN $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
MEAN $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
GMEAN $	15336.$	14065.$	17052.$	17857.$	18471.$	19171.$	21733.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
MEDIAN$	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211829.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	211828.$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.0$
LCC INFLOW													.10$
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.028$	.029$	.070$	.059$	.050$	.094$	.203$	.182$	.076$	.080$	.082$	.047$	
MAX $	4859.$	5690.$	6759.$	7622.$	8299.$	11666.$	14246.$	13211.$	10649.$	8269.$	6957.$	6628.$	63670.$
MIN $	-6160.$	-6353.$	-2401.$	-5005.$	-5583.$	-23871.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	-765.$
MEAN $	951.$	963.$	2351.$	1979.$	1672.$	3153.$	6785.$	6077.$	2547.$	2675.$	2727.$	1563.$	33444.$
GMEAN $	190.$	252.$	1303.$	887.$	353.$	1352.$	4262.$	3352.$	587.$	895.$	1197.$	548.$	25381.$
MEDIAN$	1220.$	1061.$	2326.$	2202.$	1658.$	3473.$	7133.$	5727.$	3272.$	2605.$	2553.$	1810.$	31831.$
STDDEV$	1948.1$	2112.6$	1799.7$	2304.7$	2905.9$	5076.2$	4528.0$	4155.0$	5066.6$	3695.3$	2340.9$	2158.2$	15266.1$
SKEW $	-.41$	-.14$	.04$	-.29$	.01$	-.19$	-.23$	.25$	-.43$	.06$	.22$	-.34$	.32$
LCC UNCTRL SPILLS													
PER % $	.030$	.026$	.009$	.033$	.114$	.197$	.095$	.047$	.215$	.183$	.042$	.009$	
MAX $	216606.$	328647.$	160159.$	251475.$	498968.$	1559125.$	444590.$	483369.$	1232359.$	894778.$	253735.$	98907.$	2339030.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	9733.$	8380.$	2917.$	10858.$	37013.$	64045.$	30972.$	15227.$	70027.$	59557.$	13765.$	3014.$	325510.$
GMEAN $	4.$	3.$	2.$	3.$	41.$	81.$	20.$	3.$	32.$	38.$	9.$	3.$	6724.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	106093.$
STDDEV$	35756.0$	44530.0$	21205.7$	40857.9$	91361.1$	218335.6$	79745.6$	70512.1$	197317.5$	151557.7$	43040.3$	14325.4$	506422.6$
SKEW $	.82$	.56$	.41$	.80$	1.22$	.88$	1.17$	.65$	1.06$	1.18$	.96$	.63$	1.30$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR BASE3 ** FINAL **

STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.080$	.074$	.068$	.066$	.081$	.093$	.092$	.086$	.093$	.094$	.089$	.083$	
MAX $	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	2038106.$
MIN $	5859.$	5816.$	5647.$	5675.$	5602.$	5671.$	5551.$	5558.$	5731.$	5688.$	5764.$	5942.$	118210.$
MEAN $	99536.$	91428.$	84422.$	82550.$	100884.$	116245.$	114195.$	106678.$	115993.$	117164.$	111102.$	103632.$	1243829.$
GMEAN $	70779.$	61402.$	54893.$	50152.$	63873.$	77239.$	76883.$	72723.$	86119.$	89357.$	81725.$	74177.$	1040952.$
MEDIAN$	105250.$	99292.$	87135.$	80187.$	95132.$	131970.$	143159.$	125896.$	127209.$	131588.$	123824.$	108977.$	1370024.$
STDDEV$	57830.5$	58300.5$	57907.6$	59404.9$	66172.8$	64493.6$	62134.5$	60133.5$	58564.6$	57920.5$	58758.8$	57723.6$	546568.4$
SKEW $	-.30$	-.40$	-.14$	.12$	.26$	-.73$	-1.40$	-.96$	-.57$	-.75$	-.65$	-.28$	-.69$
TOTAL INFLOW TO THE BAY													
PER % $	.031$	.027$	.011$	.035$	.113$	.194$	.095$	.048$	.212$	.180$	.043$	.011$	
MAX $	202094.$	306292.$	149598.$	234522.$	464690.$	1450636.$	414119.$	450183.$	1146744.$	832794.$	236624.$	92634.$	2183098.$
MIN $	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
MEAN $	9702.$	8444.$	3363.$	10748.$	35072.$	60211.$	29454.$	14811.$	65775.$	56038.$	13451.$	3453.$	310524.$
GMEAN $	1129.$	953.$	744.$	1073.$	2905.$	3643.$	2247.$	1048.$	2893.$	3052.$	1475.$	876.$	86978.$
MEDIAN$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	106466.$
STDDEV$	33253.1$	41412.9$	19721.3$	37997.8$	84965.8$	203052.0$	74163.4$	65576.2$	183505.3$	140948.7$	40027.5$	13322.7$	470973.0$
SKEW $	.82$	.56$	.41$	.80$	1.22$	.88$	1.17$	.65$	1.06$	1.18$	.96$	.63$	1.30$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.075$	.074$	
MAX $	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
MIN $	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
MEAN $	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
GMEAN $	14263.$	13081.$	15858.$	16607.$	17178.$	17828.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	196999.$
MEDIAN$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI						B & E	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75070.$	34145.$	648462.$	323703.$	211828.$	42707.$	0.$	11820.$	107517.$	170469.$	107790.$
1935$	899837.$	18638.$	598743.$	677964.$	1971228.$	211828.$	28143.$	0.$	11820.$	2339030.$	161439.$	2183098.$
1936$	282578.$	46320.$	166090.$	677964.$	749398.$	211828.$	24335.$	0.$	11820.$	668730.$	172033.$	629719.$
1937$	66555.$	84456.$	24956.$	624564.$	128035.$	211828.$	33534.$	0.$	11820.$	0.$	79662.$	7800.$
1938$	95147.$	102372.$	19057.$	590231.$	325114.$	211828.$	56758.$	0.$	11820.$	83733.$	71515.$	85671.$
1939$	76749.$	83481.$	16252.$	560382.$	269616.$	211828.$	44998.$	0.$	11820.$	0.$	100557.$	7800.$
1940$	208894.$	64856.$	21239.$	674207.$	779993.$	211828.$	42418.$	0.$	11820.$	472870.$	174673.$	447569.$
1941$	446252.$	33991.$	294837.$	667069.$	994963.$	211828.$	17913.$	0.$	11820.$	1093108.$	141625.$	1024390.$
1942$	342179.$	55206.$	205547.$	661656.$	945113.$	211828.$	26334.$	0.$	11820.$	912216.$	141908.$	856161.$
1943$	71937.$	87870.$	16872.$	621723.$	161056.$	211828.$	40276.$	0.$	11820.$	0.$	67732.$	7800.$
1944$	131110.$	74069.$	17036.$	654530.$	630193.$	211828.$	40438.$	0.$	11820.$	331042.$	131654.$	315669.$
1945$	107492.$	90364.$	16872.$	647658.$	447692.$	211828.$	54258.$	0.$	11820.$	192786.$	137346.$	187091.$
1946$	323039.$	57600.$	173248.$	666655.$	1010103.$	211828.$	31013.$	0.$	11820.$	932196.$	145661.$	874742.$
1947$	36172.$	87607.$	16872.$	591220.$	279647.$	211828.$	50500.$	0.$	11820.$	80060.$	99792.$	82256.$
1948$	42109.$	86495.$	24791.$	511570.$	115220.$	211828.$	21971.$	0.$	11820.$	0.$	6005.$	7800.$
1949$	218812.$	57071.$	40122.$	616238.$	757726.$	211828.$	41324.$	0.$	11820.$	406778.$	143924.$	386103.$
1950$	20676.$	98232.$	16872.$	514682.$	188694.$	211828.$	62316.$	0.$	11820.$	8932.$	66414.$	16107.$
1951$	153199.$	81212.$	18841.$	559868.$	338469.$	211828.$	42161.$	0.$	11820.$	36914.$	132821.$	42130.$
1952$	32784.$	83788.$	16872.$	484864.$	143335.$	211828.$	42727.$	0.$	11820.$	0.$	38473.$	7800.$
1953$	256286.$	75371.$	28993.$	624537.$	468874.$	211828.$	22564.$	0.$	11820.$	144440.$	157508.$	142129.$
1954$	34820.$	112690.$	16872.$	522667.$	226784.$	211828.$	63670.$	0.$	11820.$	35085.$	90582.$	40429.$
1955$	39869.$	113904.$	37445.$	395366.$	116167.$	211828.$	26374.$	0.$	11820.$	0.$	5992.$	7800.$
1956$	53601.$	77465.$	109876.$	215206.$	123426.$	211828.$	11470.$	0.$	11820.$	0.$	15997.$	7800.$
1957$	423638.$	58600.$	32081.$	534610.$	1248395.$	211828.$	37785.$	0.$	11820.$	887641.$	159219.$	833306.$
1958$	465123.$	52937.$	188989.$	677964.$	1254231.$	211828.$	25271.$	0.$	11820.$	1190667.$	174673.$	1115120.$
1959$	129998.$	88932.$	34620.$	669784.$	357269.$	211828.$	48755.$	0.$	11820.$	146169.$	159810.$	143738.$
1960$	92022.$	59855.$	16872.$	677950.$	415631.$	211828.$	21668.$	0.$	11820.$	184144.$	174673.$	179054.$
1961$	120225.$	76308.$	66714.$	626968.$	243964.$	211828.$	53685.$	0.$	11820.$	104669.$	115169.$	105142.$
1962$	9206.$	97810.$	71644.$	436452.$	55431.$	211828.$	24453.$	0.$	11820.$	0.$	5964.$	7800.$
1963$	29202.$	68897.$	91365.$	266793.$	144897.$	211828.$	24444.$	0.$	11820.$	0.$	5954.$	7800.$
1964$	24178.$	33432.$	124953.$	79797.$	431593.$	211828.$	17649.$	0.$	11820.$	190910.$	142112.$	185346.$
1965$	87626.$	24202.$	16872.$	119221.$	231794.$	211828.$	50129.$	0.$	11820.$	76379.$	52442.$	78833.$
1966$	79291.$	23852.$	16872.$	150660.$	307657.$	211828.$	26809.$	0.$	11820.$	57174.$	81160.$	60972.$
1967$	393605.$	30006.$	43430.$	452481.$	1678502.$	211828.$	16098.$	0.$	11820.$	1400494.$	174673.$	1310260.$
1968$	259911.$	58172.$	16872.$	630220.$	489310.$	211828.$	40582.$	0.$	11820.$	327353.$	101092.$	312239.$
1969$	76660.$	77239.$	16872.$	605641.$	269846.$	211828.$	23673.$	0.$	11820.$	0.$	152308.$	7800.$
1970$	89373.$	69160.$	16872.$	601854.$	310579.$	211828.$	45338.$	0.$	11820.$	138121.$	84472.$	136253.$
1971$	462165.$	76343.$	217728.$	677964.$	2266411.$	211828.$	7903.$	0.$	11820.$	2174207.$	174673.$	2029812.$
1972$	65740.$	71483.$	17274.$	647649.$	254041.$	211828.$	36402.$	0.$	11820.$	100996.$	96763.$	101726.$
1973$	333411.$	64000.$	169368.$	676138.$	836351.$	211828.$	-765.$	0.$	11820.$	717983.$	173436.$	675524.$

1974$	169235.$	82145.$	59941.$	677964.$	306638.$	211828.$	37896.$	0.$	11820.$	134586.$	155705.$	132965.$	
1975$	150332.$	86621.$	64899.$	649358.$	306447.$	211828.$	56180.$	0.$	11820.$	151726.$	107317.$	148905.$	
1976$	281523.$	72024.$	127168.$	677964.$	759640.$	211828.$	13042.$	0.$	11820.$	594582.$	174673.$	560762.$	
1977$	235577.$	100538.$	130690.$	627100.$	388753.$	211828.$	57811.$	0.$	11820.$	363040.$	61437.$	345427.$	
1978$	164323.$	83912.$	30240.$	664496.$	184389.$	211828.$	21734.$	0.$	11820.$	0.$	42503.$	7800.$	
1979$	159602.$	81967.$	81752.$	625841.$	250277.$	211828.$	32252.$	0.$	11820.$	63282.$	67170.$	66653.$	
1980$	174992.$	99914.$	25575.$	664538.$	504073.$	211828.$	39140.$	0.$	11820.$	222142.$	123709.$	214392.$	
1981$	307468.$	70525.$	159597.$	674458.$	877447.$	211828.$	22379.$	0.$	11820.$	760227.$	166319.$	714811.$	
1982$	60229.$	89532.$	17409.$	620392.$	180736.$	211828.$	62128.$	0.$	11820.$	34786.$	55721.$	40151.$	
1983$	34523.$	72428.$	84116.$	462834.$	115821.$	211828.$	14258.$	0.$	11820.$	0.$	29571.$	7800.$	
1984$	59702.$	76367.$	100760.$	302839.$	102088.$	211828.$	8173.$	0.$	11820.$	0.$	12419.$	7800.$	
1985$	159109.$	32871.$	20587.$	399793.$	476023.$	211828.$	31411.$	0.$	11820.$	95381.$	170410.$	96504.$	
1986$	153623.$	54897.$	16872.$	474519.$	94116.$	211828.$	41252.$	0.$	11820.$	0.$	28317.$	7800.$	
1987$	676877.$	73960.$	285647.$	671111.$	305473.$	211828.$	30519.$	0.$	11820.$	266452.$	110637.$	255601.$	
1988$	71622.$	99237.$	77095.$	533830.$	52356.$	211828.$	19117.$	0.$	11820.$	0.$	9143.$	7800.$	
1989$	58472.$	91450.$	43232.$	439356.$	182899.$	211828.$	17504.$	0.$	11820.$	0.$	5942.$	7800.$	

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	85282.$	1082.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	15577.$	650.$	107790.$
1935$	650.$	650.$	650.$	31529.$	165450.$	1450636.$	82003.$	90779.$	325586.$	33864.$	650.$	650.$	2183098.$
1936$	650.$	650.$	650.$	650.$	48413.$	31763.$	299220.$	650.$	91834.$	150382.$	4208.$	650.$	629719.$
1937$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1938$	28131.$	650.$	650.$	33771.$	17919.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	85671.$
1939$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1940$	650.$	650.$	650.$	650.$	30590.$	168557.$	205724.$	23214.$	650.$	650.$	2192.$	13392.$	447569.$
1941$	650.$	60614.$	1080.$	145434.$	464690.$	110740.$	59814.$	650.$	174070.$	5348.$	650.$	650.$	1024390.$
1942$	650.$	650.$	650.$	650.$	650.$	650.$	414119.$	650.$	411068.$	25124.$	650.$	650.$	856161.$
1943$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1944$	650.$	650.$	650.$	650.$	650.$	45716.$	650.$	650.$	263453.$	650.$	650.$	650.$	315669.$
1945$	650.$	650.$	650.$	36472.$	13466.$	12246.$	650.$	650.$	650.$	119707.$	650.$	650.$	187091.$
1946$	650.$	650.$	650.$	650.$	62818.$	92470.$	650.$	650.$	234328.$	479926.$	650.$	650.$	874742.$
1947$	650.$	650.$	650.$	650.$	58932.$	3809.$	13665.$	650.$	650.$	650.$	650.$	650.$	82256.$
1948$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1949$	650.$	650.$	650.$	87673.$	179631.$	52010.$	55084.$	7156.$	650.$	650.$	650.$	650.$	386103.$
1950$	650.$	650.$	650.$	650.$	650.$	8957.$	650.$	650.$	650.$	650.$	650.$	650.$	16107.$
1951$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	34980.$	650.$	650.$	650.$	42130.$
1952$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1953$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	87422.$	35106.$	13751.$	650.$	142129.$
1954$	650.$	650.$	650.$	650.$	650.$	650.$	33279.$	650.$	650.$	650.$	650.$	650.$	40429.$
1955$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1956$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1957$	650.$	650.$	650.$	650.$	372620.$	355995.$	650.$	650.$	22717.$	53194.$	24230.$	650.$	833306.$
1958$	202094.$	306292.$	149598.$	650.$	650.$	1724.$	63702.$	650.$	3188.$	223722.$	161880.$	971.$	1115120.$
1959$	6616.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	130622.$	650.$	650.$	143738.$
1960$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	72384.$	59250.$	41571.$	179054.$
1961$	27994.$	46739.$	650.$	650.$	650.$	24560.$	650.$	650.$	650.$	650.$	650.$	650.$	105142.$
1962$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1963$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1964$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1965$	650.$	650.$	650.$	650.$	55774.$	16559.$	650.$	650.$	650.$	178196.$	650.$	650.$	185346.$
1966$	650.$	650.$	650.$	650.$	38233.$	16239.$	650.$	650.$	650.$	650.$	650.$	650.$	78833.$
1967$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	60972.$
1968$	128272.$	15104.$	650.$	650.$	157207.$	6455.$	650.$	650.$	1146744.$	154767.$	650.$	2898.$	1310260.$
1969$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	312239.$
1970$	650.$	650.$	650.$	650.$	1295.$	128458.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1971$	650.$	650.$	650.$	650.$	650.$	650.$	92903.$	450183.$	584957.$	832794.$	55679.$	9396.$	2029812.$
1972$	2401.$	650.$	650.$	650.$	92825.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	101726.$
1973$	650.$	650.$	650.$	650.$	650.$	109606.$	60100.$	650.$	46932.$	414226.$	40111.$	650.$	675524.$
1974$	650.$	650.$	3209.$	650.$	650.$	650.$	650.$	650.$	123256.$	650.$	650.$	650.$	132965.$

CONDITIONAL PROBABILITY MODELING BASE3 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1935$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1936$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1937$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1938$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1939$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1940$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1941$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1942$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1943$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1944$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1945$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1946$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1947$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1948$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1949$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1950$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1951$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1952$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1953$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1954$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1955$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1956$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1957$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1958$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1959$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1960$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1961$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1962$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1963$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1964$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1965$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1966$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1967$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1968$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1969$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1970$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1971$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1972$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1973$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1974$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$

1975$	650.$	650.$	650.$	650.$	19765.$	87058.$	36233.$	650.$	650.$	650.$	650.$	650.$	148905.$
1976$	650.$	650.$	650.$	650.$	650.$	650.$	5751.$	22994.$	70395.$	128464.$	236624.$	92634.$	560762.$
1977$	31312.$	10525.$	650.$	234522.$	60411.$	4107.$	650.$	650.$	650.$	650.$	650.$	650.$	345427.$
1978$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1979$	650.$	650.$	650.$	650.$	650.$	59503.$	650.$	650.$	650.$	650.$	650.$	650.$	66653.$
1980$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	202616.$	5276.$	650.$	650.$	650.$	214392.$
1981$	650.$	650.$	650.$	650.$	66969.$	395840.$	119464.$	650.$	31862.$	74360.$	22416.$	650.$	714811.$
1982$	650.$	650.$	650.$	650.$	33001.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	40151.$
1983$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1984$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1985$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	1246.$	88758.$	650.$	96504.$
1986$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1987$	650.$	650.$	650.$	650.$	650.$	167383.$	81718.$	650.$	650.$	650.$	650.$	650.$	255601.$
1988$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$
1989$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	650.$	7800.$

1975$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1976$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1977$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1978$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1979$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1980$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1981$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1982$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1983$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1984$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1985$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1986$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1987$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1988$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1989$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$

1 CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK :	0
IBEG :	1934
IEND :	1989
ISKIP :	0
LONGPR :	1
MODE :	0
KSIM :	33
KZONE :	0
FLIMIT :	.05
RTNFLW :	.42
ALOSS :	.93
DEMAND :	130000.
REQREL :	2000.
BEDEMM :	151000.
TOTCAP :	926787.
TOT5 :	463394.
TOT4 :	370715.
TOT3 :	278036.
TOT2 :	185357.
LCCMAX :	237473.
LCC76 :	23000.
LCCMIN :	53.
CCRMAX :	689314.
CCR155 :	3415.
CCRMIN :	3415.

DEMDIS :		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	5000.	5000.	10500.	14500.	35000.	20000.	5000.	5000.	25000.	16000.	5000.	5000.
TRIGGERS		.50	.40	.30	.20								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.07$	.05$	.05$	.06$	.76$
2	.07$	.06$	.05$	.07$	.75$
3	.07$	.06$	.06$	.08$	.73$
4	.07$	.06$	.07$	.10$	.69$
5	.08$	.06$	.08$	.12$	.66$
6	.08$	.06$	.09$	.15$	.62$
7	.08$	.06$	.11$	.18$	.58$
8	.08$	.06$	.11$	.42$	.33$
9	.08$	.06$	.12$	.50$	.24$
10	.10$	.07$	.18$	.49$	.16$
11	.11$	.08$	.41$	.27$	.12$
12	.13$	.10$	.50$	.19$	.08$
13	.15$	.16$	.49$	.16$	.04$
14	.18$	.39$	.29$	.12$	.01$
15	.23$	.47$	.21$	.09$	.01$
16	.30$	.48$	.17$	.05$	.00$
17	.55$	.31$	.13$	.02$	.00$
18	.68$	.21$	.10$	.01$	.00$
19	.76$	.16$	.07$	.01$	.00$
20	.82$	.14$	.04$	.00$	.00$
21	.88$	.10$	.01$	.00$	.00$
22	.92$	.08$	.01$	.00$	.00$
23	.95$	.04$	.00$	.00$	.00$
24	.98$	.02$	.00$	.00$	.00$
25	.99$	.01$	.00$	.00$	.00$
26	.99$	.01$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$
32	1.00$	.00$	.00$	.00$	.00$
33	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	242$	509$	74$	.360$	.757$	.110$
2$	134$	507$	76$	.199$	.754$	.113$
3$	82$	505$	78$	.122$	.751$	.116$
4$	60$	501$	81$	.089$	.746$	.121$
5$	34$	497$	90$	.051$	.740$	.134$
6$	13$	490$	100$	.019$	.729$	.149$
7$	8$	480$	117$	.012$	.714$	.174$
8$	3$	465$	127$	.004$	.692$	.189$
9$	0$	457$	142$	.000$	.680$	.211$
10$	0$	457$	146$	.000$	.680$	.217$
11$	0$	457$	146$	.000$	.680$	.217$
12$	0$	457$	146$	.000$	.680$	.217$
13$	0$	457$	146$	.000$	.680$	.217$
14$	0$	457$	146$	.000$	.680$	.217$
15$	0$	457$	146$	.000$	.680$	.217$
16$	0$	457$	146$	.000$	.680$	.217$
17$	0$	457$	146$	.000$	.680$	.217$
18$	0$	457$	146$	.000$	.680$	.217$
19$	0$	457$	146$	.000$	.680$	.217$
20$	0$	457$	146$	.000$	.680$	.217$
21$	0$	457$	146$	.000$	.680$	.217$
22$	0$	457$	146$	.000$	.680$	.217$
23$	0$	456$	146$	.000$	.679$	.217$
24$	0$	456$	146$	.000$	.679$	.217$
25$	0$	456$	146$	.000$	.679$	.217$
26$	0$	456$	146$	.000$	.679$	.217$
27$	0$	456$	146$	.000$	.679$	.217$
28$	0$	454$	147$	.000$	.676$	.219$
29$	0$	454$	148$	.000$	.676$	.220$
30$	0$	454$	149$	.000$	.676$	.222$
31$	0$	451$	150$	.000$	.671$	.223$
32$	0$	444$	158$	.000$	.661$	.235$
33$	0$	444$	158$	.000$	.661$	.235$

ENDING ZONE

START ZONE $

1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	5$	4$	4$	3$	2$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	6$	7$	7$	8$	6$	5$	2$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	3$	3$	2$	2$	4$	4$	5$	1$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	4$	3$	3$	1$	2$	3$	3$	6$	2$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	3$	3$	3$	3$	1$	2$	2$	2$	6$	5$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	5$	5$	3$	4$	4$	1$	3$	4$	3$	3$	6$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	2$	3$	4$	2$	4$	4$	3$	4$	5$	4$	3$	5$	2$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	1$	1$	3$	4$	3$	5$	5$	4$	5$	5$	4$	4$	6$	4$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	1$	1$	1$	3$	3$	2$	2$	2$	1$	4$	4$	4$	3$	4$	5$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	3$	2$	2$	0$	1$	3$	4$	5$	5$	2$	4$	4$	4$	3$	3$	5$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	3$	4$	4$	6$	4$	3$	3$	3$	4$	3$	2$	3$	3$	4$	3$	3$	6$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	2$	2$	2$	2$	4$	3$	3$	3$	3$	6$	5$	2$	3$	5$	4$	4$	2$	4$	2$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	1$	0$	0$	0$	0$	2$	2$	2$	2$	2$	5$	5$	2$	1$	5$	4$	4$	4$	6$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	2$	3$	3$	3$	3$	3$	3$	3$	3$	1$	1$	5$	6$	2$	2$	4$	4$	3$	3$	5$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
15$	2$	2$	1$	1$	1$	1$	1$	1$	1$	3$	2$	1$	4$	7$	3$	2$	5$	3$	3$	3$	5$	4$	2$	1$	1$	1$	0$	0$	0$	0$	0$	0$
16$	1$	1$	2$	1$	0$	0$	0$	0$	0$	1$	2$	4$	1$	3$	5$	3$	1$	5$	3$	3$	3$	4$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$
17$	1$	1$	0$	1$	2$	2$	2$	2$	2$	1$	1$	0$	4$	2$	4$	5$	4$	2$	4$	3$	3$	3$	4$	5$	2$	1$	0$	1$	0$	0$	0$	0$
18$	1$	1$	3$	3$	3$	3$	3$	3$	3$	2$	1$	1$	0$	3$	1$	4$	5$	5$	2$	4$	3$	3$	3$	3$	4$	2$	1$	0$	1$	0$	0$	0$
19$	3$	3$	2$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	1$	3$	1$	3$	4$	5$	2$	4$	4$	3$	3$	3$	5$	3$	1$	0$	1$	0$	0$
20$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	1$	1$	1$	3$	1$	2$	4$	5$	2$	3$	4$	3$	3$	3$	4$	4$	2$	1$	0$	0$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	2$	3$	3$	0$	1$	1$	3$	1$	2$	5$	5$	2$	4$	4$	3$	3$	3$	5$	3$	2$	0$	1$

22$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 1$ 3$ 1$ 1$ 5$ 5$ 1$ 4$ 5$ 3$ 3$ 1$
5$ 3$ 2$ 1$ 1$
23$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 1$ 3$ 1$ 1$ 5$ 6$ 1$ 3$ 5$ 3$ 3$
2$ 5$ 3$ 2$ 2$
24$ 2$ 2$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 0$ 1$ 2$ 3$ 0$ 1$ 1$ 3$ 1$ 1$ 4$ 6$ 2$ 2$ 5$ 4$
4$ 3$ 5$ 3$ 3$
25$ 0$ 0$ 1$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 2$ 1$ 2$ 0$ 1$ 3$ 3$ 1$ 1$ 1$ 3$ 1$ 1$ 5$ 5$ 2$ 2$ 4$
2$ 3$ 4$ 5$ 5$
26$ 0$ 0$ 0$ 1$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 2$ 1$ 2$ 0$ 0$ 3$ 2$ 1$ 1$ 1$ 3$ 1$ 1$ 5$ 5$ 3$ 2$
4$ 2$ 3$ 4$ 4$
27$ 0$ 0$ 0$ 0$ 1$ 1$ 1$ 1$ 1$ 0$ 0$ 0$ 2$ 1$ 2$ 1$ 0$ 3$ 3$ 1$ 1$ 1$ 3$ 0$ 1$ 5$ 6$ 5$
4$ 7$ 3$ 4$ 4$
28$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 0$ 0$ 0$ 2$ 1$ 1$ 2$ 0$ 2$ 3$ 1$ 1$ 2$ 3$ 1$ 2$ 4$ 5$
5$ 2$ 6$ 7$ 7$
29$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 0$ 0$ 0$ 2$ 1$ 0$ 2$ 0$ 2$ 3$ 1$ 0$ 2$ 2$ 0$ 1$ 3$
3$ 5$ 2$ 1$ 1$
30$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 1$ 1$ 1$ 3$ 2$ 1$ 3$ 1$ 3$ 4$ 2$ 1$ 3$ 3$ 2$ 2$
4$ 4$ 8$ 8$ 8$
31$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 2$ 2$ 1$ 3$ 1$ 3$ 5$ 4$ 3$ 5$ 5$ 6$
6$ 7$ 5$ 6$ 6$
32$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 1$ 2$ 2$ 1$ 3$ 3$ 4$ 6$ 6$ 5$ 6$ 6$
7$ 8$ 10$ 9$ 9$
33$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 0$ 1$ 2$ 2$ 2$ 2$ 2$ 3$ 4$ 4$ 4$
4$ 4$ 4$ 5$ 5$

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0893$	.0714$	.0714$	.0536$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.1071$	.1250$	.1250$	.1429$	.1071$	.0893$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0536$	.0536$	.0357$	.0357$	.0714$	.0714$	.0893$	.0179$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0714$	.0536$	.0536$	.0179$	.0357$	.0536$	.0536$	.1071$	.0357$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0536$	.0536$	.0536$	.0536$	.0179$	.0357$	.0357$	.0357$	.1071$	.0893$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0893$	.0893$	.0536$	.0714$	.0714$	.0179$	.0536$	.0714$	.0536$	.0536$	.1071$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0357$	.0536$	.0714$	.0357$	.0714$	.0714$	.0536$	.0714$	.0893$	.0714$	.0536$	.0893$	.0357$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
8$	.0179$	.0179$	.0536$	.0714$	.0536$	.0893$	.0893$	.0714$	.0893$	.0893$	.0714$	.0714$	.1071$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$
9$	.0179$	.0179$	.0179$	.0536$	.0536$	.0357$	.0357$	.0357$	.0179$	.0714$	.0714$	.0714$	.0536$	.0714$	.0893$	.0357$	.0000$	.0179$	.0179$	.0000$
10$	.0536$	.0357$	.0357$	.0000$	.0179$	.0536$	.0714$	.0893$	.0893$	.0357$	.0714$	.0714$	.0714$	.0536$	.0536$	.0893$	.0357$	.0179$	.0000$	.0179$
11$	.0536$	.0714$	.0714$	.1071$	.0714$	.0536$	.0536$	.0536$	.0714$	.0536$	.0357$	.0536$	.0536$	.0714$	.0536$	.0536$	.1071$	.0536$	.0357$	.0000$
12$	.0357$	.0357$	.0357$	.0357$	.0714$	.0536$	.0536$	.0536$	.0536$	.1071$	.0893$	.0357$	.0536$	.0893$	.0714$	.0714$	.0357$	.0714$	.0357$	.0357$
13$	.0179$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0357$	.0357$	.0893$	.0893$	.0357$	.0179$	.0893$	.0714$	.0714$	.0714$	.1071$	.0536$
14$	.0357$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0179$	.0179$	.0893$	.1071$	.0357$	.0357$	.0714$	.0714$	.0536$	.0536$	.0893$
15$	.0357$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0179$	.0714$	.1250$	.0536$	.0357$	.0893$	.0536$	.0536$	.0536$
16$	.0179$	.0179$	.0357$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0714$	.0179$	.0536$	.0893$	.0536$	.0179$	.0893$	.0536$	.0536$
17$	.0179$	.0179$	.0000$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0000$	.0714$	.0357$	.0714$	.0893$	.0714$	.0357$	.0714$	.0536$
18$	.0179$	.0179$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0179$	.0179$	.0000$	.0536$	.0179$	.0714$	.0893$	.0893$	.0357$	.0714$
19$	.0536$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0179$	.0536$	.0179$	.0536$	.0714$	.0893$	.0357$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0714$	.0893$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$	.0357$	.0893$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$	.0357$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$
24$	.0357$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$
25$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$
26$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0536$	.0179$	.0179$
27$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0000$	.0000$	.0536$	.0357$	.0179$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0536$	.0536$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0357$	.0000$	.0357$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0179$	.0536$	.0179$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0179$	.0536$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0179$
33$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0893$	.0714$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0536$	.0714$	.0714$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0536$	.0536$	.0714$	.0893$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.0536$	.0536$	.0536$	.0536$	.0714$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
19$	.0714$	.0714$	.0536$	.0536$	.0536$	.0893$	.0536$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
20$	.0357$	.0536$	.0714$	.0536$	.0536$	.0536$	.0714$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$
21$	.0893$	.0357$	.0714$	.0714$	.0536$	.0536$	.0536$	.0893$	.0536$	.0357$	.0000$	.0179$	.0179$
22$	.0893$	.0893$	.0179$	.0714$	.0893$	.0536$	.0536$	.0179$	.0893$	.0536$	.0357$	.0179$	.0179$
23$	.0179$	.0893$	.1071$	.0179$	.0536$	.0893$	.0536$	.0536$	.0357$	.0893$	.0536$	.0357$	.0357$
24$	.0179$	.0179$	.0714$	.1071$	.0357$	.0357$	.0893$	.0714$	.0714$	.0536$	.0893$	.0536$	.0536$
25$	.0536$	.0179$	.0179$	.0893$	.0893$	.0357$	.0357$	.0714$	.0357$	.0536$	.0714$	.0893$	.0893$
26$	.0179$	.0536$	.0179$	.0179$	.0893$	.0893$	.0536$	.0357$	.0714$	.0357$	.0536$	.0714$	.0714$
27$	.0179$	.0179$	.0536$	.0000$	.0179$	.0893$	.1071$	.0893$	.0714$	.1250$	.0536$	.0714$	.0714$
28$	.0179$	.0179$	.0357$	.0536$	.0179$	.0357$	.0714$	.0893$	.0893$	.0357$	.1071$	.1250$	.1250$
29$	.0536$	.0179$	.0000$	.0357$	.0357$	.0000$	.0179$	.0536$	.0536$	.0893$	.0357$	.0179$	.0179$
30$	.0536$	.0714$	.0357$	.0179$	.0536$	.0536$	.0357$	.0357$	.0714$	.0714$	.1429$	.1429$	.1429$
31$	.0179$	.0536$	.0893$	.0714$	.0536$	.0893$	.0893$	.1071$	.1071$	.1250$	.0893$	.1071$	.1071$
32$	.0536$	.0536$	.0714$	.1071$	.1071$	.0893$	.1071$	.1071$	.1250$	.1429$	.1786$	.1607$	.1607$
33$	.0357$	.0357$	.0357$	.0357$	.0536$	.0714$	.0714$	.0714$	.0714$	.0714$	.0714$	.0893$	.0893$

STEADY STATE TABLE

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$
2$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$
3$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$
4$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$
5$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$
6$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$
7$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$
8$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$
9$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$
10$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$
11$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$
12$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
13$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$
14$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$
15$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$
16$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$
17$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$
18$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$
19$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$
20$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$
21$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$
22$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$
23$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$
24$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$
25$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$
26$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$
27$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$
28$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$
29$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
30$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$
31$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$
32$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$
33$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$

STEADY STATE TABLE

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$	.0023$
2$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$	.0055$
3$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$	.0047$
4$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$
5$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$	.0073$
6$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$	.0111$
7$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$
8$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$	.0181$
9$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$	.0152$
10$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$	.0190$
11$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$	.0225$
12$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
13$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$
14$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$	.0280$
15$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$
16$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$	.0276$
17$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$	.0336$
18$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$	.0345$
19$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$	.0376$
20$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$	.0350$
21$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$	.0407$
22$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$	.0405$
23$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$	.0430$
24$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$	.0453$
25$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$	.0448$
26$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$	.0379$
27$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$	.0456$
28$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$	.0468$
29$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
30$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$	.0537$
31$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$	.0569$
32$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$	.0787$
33$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.002260$	.360119$	.000814$
2$	.005532$	.199405$	.001103$
3$	.004676$	.122024$	.000571$
4$	.005985$	.089286$	.000534$
5$	.007253$	.050595$	.000367$
6$	.011099$	.019345$	.000215$
7$	.012728$	.011905$	.000152$
8$	.018146$	.004464$	.000081$
9$	.015222$	.000000$	.000000$
10$	.019049$	.000000$	.000000$
11$	.022521$	.000000$	.000000$
12$	.024221$	.000000$	.000000$
13$	.026093$	.000000$	.000000$
14$	.028001$	.000000$	.000000$
15$	.030968$	.000000$	.000000$
16$	.027635$	.000000$	.000000$
17$	.033598$	.000000$	.000000$
18$	.034503$	.000000$	.000000$
19$	.037552$	.000000$	.000000$
20$	.035021$	.000000$	.000000$
21$	.040677$	.000000$	.000000$
22$	.040482$	.000000$	.000000$
23$	.043038$	.000000$	.000000$
24$	.045256$	.000000$	.000000$
25$	.044769$	.000000$	.000000$
26$	.037901$	.000000$	.000000$
27$	.045632$	.000000$	.000000$
28$	.046807$	.000000$	.000000$
29$	.024161$	.000000$	.000000$
30$	.053669$	.000000$	.000000$
31$	.056911$	.000000$	.000000$
32$	.078738$	.000000$	.000000$
33$	.039898$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .38$ PER CENT
$AT ANNUAL DEMAND=$ 130000.$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1934	1	1.00	12609.	-6433.	13387.	689314.	87176.	10120.	-5775.	0.	3953.	95092.	237473.	89085.
1934	2	1.00	4803.	5397.	1406.	686720.	16187.	9282.	3080.	0.	3625.	3753.	237473.	4140.
1934	3	.98	1467.	4352.	1406.	681835.	4204.	11253.	3027.	6564.	4395.	0.	222239.	6755.
1934	4	.99	16227.	-772.	6693.	689314.	26969.	11784.	1696.	10642.	4603.	0.	231779.	10547.
1934	5	.93	865.	10488.	1406.	677691.	4153.	12189.	6692.	32515.	4761.	0.	185942.	30889.
1934	6	.87	1183.	16889.	1406.	659985.	2162.	12651.	10395.	16192.	4941.	0.	150272.	15709.
1934	7	.88	16866.	13005.	1406.	661846.	23466.	14342.	6333.	0.	5602.	0.	154469.	650.
1934	8	.87	1553.	15398.	1406.	646001.	29031.	14328.	9140.	0.	5597.	0.	161437.	650.
1934	9	.84	1344.	10291.	1406.	635054.	15995.	11714.	3647.	21962.	4575.	0.	141516.	21075.
1934	10	.82	7420.	9967.	1406.	630507.	12435.	11378.	6407.	12425.	4444.	0.	125146.	12206.
1934	11	.93	23635.	-2455.	1406.	654597.	89980.	10414.	-2338.	1002.	4068.	0.	207454.	1582.
1934	12	.94	6166.	-747.	1406.	659511.	11945.	10330.	1813.	1038.	4035.	0.	207624.	1615.
1935	1	.92	1264.	4484.	1406.	654291.	4187.	10120.	1441.	1126.	3953.	0.	200530.	1697.
1935	2	.94	9795.	0.	1406.	662086.	18047.	9282.	2158.	1478.	3625.	0.	207065.	2025.
1935	3	.94	3229.	3751.	1406.	659564.	18557.	11253.	-1459.	6564.	4395.	0.	210670.	6755.
1935	4	.97	9227.	3253.	1406.	663537.	61121.	11784.	3586.	930.	4603.	9712.	237473.	10547.
1935	5	1.00	124713.	772.	69010.	689314.	130464.	12189.	4043.	0.	4761.	150727.	237473.	140826.
1935	6	1.00	549238.	-12867.	395159.	689314.	1181981.	12651.	-1155.	0.	4941.	1549453.	237473.	1441641.
1935	7	1.00	69573.	13381.	39503.	689314.	79910.	14342.	10203.	0.	5602.	94868.	237473.	88877.
1935	8	1.00	30233.	18270.	8410.	689314.	122344.	14328.	12128.	0.	5597.	104298.	237473.	97647.
1935	9	1.00	82634.	-19300.	71659.	689314.	287015.	11714.	-8470.	0.	4575.	333469.	237473.	310776.
1935	10	1.00	12480.	6176.	4432.	689314.	52953.	11378.	4428.	0.	4444.	29153.	237473.	27762.
1935	11	.98	3349.	4368.	1406.	686295.	3268.	10414.	4175.	1002.	4068.	0.	226556.	1582.
1935	12	1.00	4102.	-3602.	3294.	689314.	11381.	10330.	-3044.	1038.	4035.	0.	232906.	1615.
1936	1	.98	3472.	3599.	1406.	687187.	3273.	10120.	2078.	1126.	3953.	0.	224261.	1697.
1936	2	.97	2342.	3845.	1406.	683685.	0.	9282.	2407.	1478.	3625.	0.	212501.	2025.
1936	3	.97	2240.	3576.	1406.	680349.	23443.	11253.	369.	6564.	4395.	0.	219164.	6755.
1936	4	.94	3434.	6358.	1406.	675424.	4210.	11784.	2727.	10642.	4603.	0.	199627.	10547.
1936	5	1.00	16544.	-6926.	6735.	689314.	105293.	12189.	-5583.	0.	4761.	35060.	237473.	33256.
1936	6	1.00	22817.	-772.	16583.	689314.	40085.	12651.	4043.	0.	4941.	23783.	237473.	22768.
1936	7	1.00	139880.	6176.	93994.	689314.	253210.	14342.	4428.	0.	5602.	328434.	237473.	306094.
1936	8	.97	2539.	13294.	1406.	676559.	3925.	14328.	6037.	0.	5597.	0.	222439.	650.
1936	9	1.00	25384.	4616.	5633.	689314.	130406.	11714.	-1925.	0.	4575.	89254.	237473.	83656.
1936	10	1.00	51271.	6176.	31702.	689314.	151548.	11378.	5005.	0.	4444.	154441.	237473.	144280.
1936	11	1.00	7547.	3603.	2773.	689314.	20875.	10414.	4043.	0.	4068.	8189.	237473.	8266.
1936	12	1.00	5108.	2831.	1601.	689314.	13130.	10330.	1732.	0.	4035.	1631.	237473.	2167.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1937	1	.99	3734.	2572.	1406.	688476.	6686.	10120.	1340.	1126.	3953.	0.	232979.	1697.
1937	2	.98	2762.	4363.	1406.	684875.	2524.	9282.	2641.	1478.	3625.	0.	223508.	2025.
1937	3	.96	3279.	4348.	1406.	681806.	1962.	11253.	2940.	6564.	4395.	0.	206119.	6755.
1937	4	.92	1792.	9655.	1406.	671943.	8.	11784.	6472.	10642.	4603.	0.	178635.	10547.
1937	5	.86	1215.	7052.	1406.	664106.	1488.	12189.	5277.	32515.	4761.	0.	131548.	30889.
1937	6	.83	8179.	12008.	1406.	658277.	12459.	12651.	5589.	16192.	4941.	0.	110981.	15709.
1937	7	.80	725.	12879.	1406.	644123.	1064.	14342.	5967.	0.	5602.	0.	93141.	650.
1937	8	.77	70.	14874.	1406.	627319.	14593.	14328.	6172.	0.	5597.	0.	88640.	650.
1937	9	.72	1317.	14630.	1406.	612006.	3016.	11714.	5355.	21962.	4575.	0.	54031.	21075.
1937	10	.68	1130.	11348.	1406.	599788.	758.	11378.	3044.	12425.	4444.	0.	29348.	12206.
1937	11	.66	337.	6989.	6232.	584271.	0.	10414.	1251.	1002.	4068.	0.	22912.	1582.
1937	12	.80	42015.	-15946.	1406.	640232.	83477.	10330.	-4901.	1038.	4035.	0.	101327.	1615.
1938	1	.99	48364.	3254.	1406.	683342.	140974.	10120.	2486.	1126.	3953.	0.	229975.	1697.
1938	2	.97	1687.	3319.	1406.	679710.	4416.	9282.	1882.	1478.	3625.	0.	223155.	2025.
1938	3	.95	2043.	6603.	1406.	673150.	620.	11253.	4388.	6564.	4395.	0.	202976.	6755.
1938	4	1.00	27871.	2817.	6250.	689314.	82600.	11784.	3055.	0.	4603.	28872.	237473.	27501.
1938	5	.99	9357.	6948.	1694.	689314.	38619.	12189.	3239.	32515.	4761.	0.	229842.	30889.
1938	6	.94	622.	15055.	1406.	672881.	0.	12651.	8536.	16192.	4941.	0.	193869.	15709.
1938	7	.88	430.	19039.	1406.	652272.	0.	14342.	13217.	0.	5602.	0.	167717.	650.
1938	8	.90	0.	12798.	1406.	637474.	46564.	14328.	7334.	0.	5597.	0.	194025.	650.
1938	9	.84	194.	12127.	1406.	623541.	2376.	11714.	6752.	21962.	4575.	0.	157379.	21075.
1938	10	.79	0.	12666.	1406.	608876.	0.	11378.	7506.	12425.	4444.	0.	127476.	12206.
1938	11	.77	121.	8256.	1406.	598740.	990.	10414.	3736.	1002.	4068.	0.	114719.	1582.
1938	12	.77	4458.	0.	1406.	601198.	7955.	10330.	-1132.	1038.	4035.	0.	113845.	1615.
1939	1	.76	1354.	1879.	1406.	598673.	0.	10120.	1380.	1126.	3953.	0.	102625.	1697.
1939	2	.74	560.	3744.	1406.	593489.	0.	9282.	2387.	1478.	3625.	0.	90883.	2025.
1939	3	.71	438.	7199.	1406.	584728.	0.	11253.	3099.	6564.	4395.	0.	71374.	6755.
1939	4	.67	0.	10561.	1406.	572167.	0.	11784.	3492.	10642.	4603.	0.	46862.	10547.
1939	5	.74	9108.	7750.	1406.	571524.	112167.	12189.	3860.	32515.	4761.	0.	111871.	30889.
1939	6	.76	6915.	5694.	1406.	570745.	54993.	12651.	3052.	16192.	4941.	0.	136375.	15709.
1939	7	.78	24844.	13728.	1406.	579861.	31150.	14342.	9122.	0.	5602.	0.	145467.	650.
1939	8	.77	6245.	8945.	1406.	575161.	13545.	14328.	7496.	0.	5597.	0.	138594.	650.
1939	9	.77	15530.	7117.	1406.	581574.	31365.	11714.	3628.	21962.	4575.	0.	134061.	21075.
1939	10	.77	10489.	9440.	1406.	580623.	26396.	11378.	6252.	12425.	4444.	0.	131807.	12206.
1939	11	.75	755.	4588.	1406.	574790.	0.	10414.	3352.	1002.	4068.	0.	118444.	1582.
1939	12	.73	511.	3421.	1406.	569880.	0.	10330.	1959.	1038.	4035.	0.	106523.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1940	1	.71	735.	2950.	1406.	565665.	0.	10120.	1442.	1126.	3953.	0.	95241.	1697.
1940	2	.70	1819.	2713.	1406.	562771.	24.	9282.	1650.	1478.	3625.	0.	84262.	2025.
1940	3	.69	595.	4948.	1406.	556418.	16816.	11253.	2200.	6564.	4395.	0.	82466.	6755.
1940	4	.80	28596.	4763.	1406.	578251.	101394.	11784.	4015.	10642.	4603.	0.	158825.	10547.
1940	5	.84	14953.	3461.	1406.	587743.	77491.	12189.	3880.	32515.	4761.	0.	189138.	30889.
1940	6	.96	67988.	-2163.	1406.	655895.	197347.	12651.	-963.	0.	4941.	122538.	237473.	114610.
1940	7	1.00	48402.	12401.	1815.	689314.	246918.	14342.	7893.	0.	5602.	226498.	237473.	211293.
1940	8	1.00	18758.	13124.	3961.	689314.	51639.	14328.	9626.	0.	5597.	31646.	237473.	30081.
1940	9	.95	632.	15562.	1406.	672384.	15999.	11714.	9125.	21962.	4575.	0.	212078.	21075.
1940	10	.94	3712.	5806.	1406.	668290.	16213.	11378.	2176.	12425.	4444.	0.	203717.	12206.
1940	11	.96	9671.	2778.	1406.	673183.	28780.	10414.	1465.	1002.	4068.	0.	221021.	1582.
1940	12	1.00	13033.	-1274.	1406.	685490.	27372.	10330.	-570.	0.	4035.	1528.	237473.	2071.
1941	1	1.00	12759.	1287.	5377.	689314.	7077.	10120.	1537.	1126.	3953.	0.	237143.	1697.
1941	2	1.00	42641.	-772.	30519.	689314.	50648.	9282.	-1733.	0.	3625.	71810.	237473.	67434.
1941	3	1.00	10490.	257.	7194.	689314.	10128.	11253.	-192.	6564.	4395.	0.	237170.	6755.
1941	4	1.00	84973.	-5147.	63354.	689314.	106142.	11784.	-4043.	0.	4603.	150810.	237473.	140903.
1941	5	1.00	138576.	-1287.	98323.	689314.	414688.	12189.	-4428.	0.	4761.	472735.	237473.	440294.
1941	6	1.00	20955.	2831.	12741.	689314.	124998.	12651.	193.	0.	4941.	108704.	237473.	101745.
1941	7	1.00	6123.	6938.	1406.	686499.	89720.	14342.	5775.	0.	5602.	71009.	237473.	66688.
1941	8	.97	4517.	13523.	1406.	675493.	8278.	14328.	8856.	0.	5597.	0.	223973.	650.
1941	9	1.00	111498.	1029.	67943.	689314.	160639.	11714.	3850.	0.	4575.	177556.	237473.	165777.
1941	10	1.00	10138.	4889.	3690.	689314.	21300.	11378.	2684.	12425.	4444.	0.	235975.	12206.
1941	11	.98	2006.	5901.	1406.	683419.	1318.	10414.	4155.	1002.	4068.	0.	223127.	1582.
1941	12	.96	1576.	4592.	1406.	678403.	27.	10330.	1848.	1038.	4035.	0.	211344.	1615.
1942	1	.94	1126.	5327.	1406.	672202.	0.	10120.	3241.	1126.	3953.	0.	198263.	1697.
1942	2	.93	1403.	253.	1406.	671352.	960.	9282.	-708.	1478.	3625.	0.	190578.	2025.
1942	3	.90	884.	8300.	1406.	661936.	0.	11253.	5118.	6564.	4395.	0.	169049.	6755.
1942	4	.88	5209.	3504.	1406.	661640.	8594.	11784.	2782.	10642.	4603.	0.	153841.	10547.
1942	5	.85	10165.	4763.	1406.	665042.	16997.	12189.	3356.	32515.	4761.	0.	124184.	30889.
1942	6	.81	417.	11229.	1406.	652230.	6330.	12651.	4987.	16192.	4941.	0.	98091.	15709.
1942	7	1.00	176276.	-3345.	100204.	689314.	468366.	14342.	-6545.	0.	5602.	421391.	237473.	392543.
1942	8	1.00	10632.	5147.	3856.	689314.	17450.	14328.	2695.	0.	5597.	4283.	237473.	4633.
1942	9	1.00	104488.	-1287.	74360.	689314.	388926.	11714.	1155.	0.	4575.	428455.	237473.	399113.
1942	10	1.00	28353.	5919.	15771.	689314.	31445.	11378.	3658.	0.	4444.	19755.	237473.	19022.
1942	11	.98	1946.	8710.	1406.	680550.	5453.	10414.	5876.	1002.	4068.	0.	227040.	1582.
1942	12	.96	1280.	6859.	1406.	672971.	592.	10330.	4817.	1038.	4035.	0.	212854.	1615.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN1 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.94	1459.	2780.	1406.	669650.	938.	10120.	727.	1126.	3953.	0.	203225.	1697.
1943	2	.92	1172.	6786.	1406.	662037.	16.	9282.	4068.	1478.	3625.	0.	189819.	2025.
1943	3	.89	1770.	5742.	1406.	656065.	1688.	11253.	3255.	6564.	4395.	0.	171842.	6755.
1943	4	.85	945.	9162.	1406.	645848.	0.	11784.	5811.	10642.	4603.	0.	145011.	10547.
1943	5	.80	3573.	5164.	1406.	642257.	3225.	12189.	2037.	32515.	4761.	0.	102900.	30889.
1943	6	.89	30515.	6453.	1406.	664319.	88193.	12651.	4451.	16192.	4941.	0.	159205.	15709.
1943	7	.90	27087.	11620.	1406.	677785.	19459.	14342.	6624.	0.	5602.	0.	159104.	650.
1943	8	.85	0.	18877.	1406.	656908.	0.	14328.	10978.	0.	5597.	0.	135204.	650.
1943	9	.85	2130.	3482.	1406.	653557.	33410.	11714.	1210.	21962.	4575.	0.	135135.	21075.
1943	10	.81	443.	12817.	1406.	639183.	8233.	11378.	6941.	12425.	4444.	0.	114029.	12206.
1943	11	.80	2333.	2688.	1406.	636827.	3745.	10414.	974.	1002.	4068.	0.	106789.	1582.
1943	12	.79	510.	2679.	1406.	632658.	2149.	10330.	134.	1038.	4035.	0.	98842.	1615.
1944	1	.79	990.	-1459.	1406.	633107.	7001.	10120.	-385.	1126.	3953.	0.	96388.	1697.
1944	2	.77	440.	3154.	1406.	628393.	0.	9282.	1433.	1478.	3625.	0.	85601.	2025.
1944	3	.77	3183.	726.	1406.	628850.	12904.	11253.	556.	6564.	4395.	0.	81538.	6755.
1944	4	.73	866.	9631.	1406.	618084.	0.	11784.	3343.	10642.	4603.	0.	57175.	10547.
1944	5	.83	71463.	-1241.	1406.	688788.	69153.	12189.	-676.	32515.	4761.	0.	83705.	30889.
1944	6	.98	13089.	10804.	1406.	689074.	169816.	12651.	6630.	16192.	4941.	0.	219454.	15709.
1944	7	.93	1564.	19103.	1406.	669535.	1607.	14342.	12376.	0.	5602.	0.	195749.	650.
1944	8	.94	8715.	8568.	1406.	667681.	22563.	14328.	4085.	0.	5597.	0.	201306.	650.
1944	9	.98	19295.	10861.	1406.	674115.	336315.	11714.	5005.	0.	4575.	262873.	237473.	245122.
1944	10	.95	9430.	11380.	1406.	670165.	6750.	11378.	8029.	12425.	4444.	0.	213796.	12206.
1944	11	.94	483.	2016.	1406.	666633.	2318.	10414.	1274.	1002.	4068.	0.	204829.	1582.
1944	12	.93	1592.	754.	1406.	665471.	1766.	10330.	358.	1038.	4035.	0.	196275.	1615.
1945	1	.92	5035.	4519.	1406.	663987.	2032.	10120.	2975.	1126.	3953.	0.	185492.	1697.
1945	2	.92	9141.	2263.	1406.	668865.	9109.	9282.	1557.	1478.	3625.	0.	183690.	2025.
1945	3	.92	2032.	3774.	1406.	665122.	18645.	11253.	2586.	6564.	4395.	0.	183339.	6755.
1945	4	1.00	26463.	3552.	1406.	686033.	117552.	11784.	1140.	0.	4603.	41258.	237473.	39020.
1945	5	.97	340.	11717.	1406.	672656.	38546.	12189.	7555.	32515.	4761.	0.	225165.	30889.
1945	6	.98	16638.	6858.	1406.	680436.	36009.	12651.	5626.	16192.	4941.	0.	228112.	15709.
1945	7	.95	1845.	12668.	1406.	667614.	1799.	14342.	8282.	0.	5602.	0.	208692.	650.
1945	8	.91	0.	14483.	1406.	651130.	0.	14328.	7084.	0.	5597.	0.	188686.	650.
1945	9	.85	948.	13033.	1406.	637045.	0.	11714.	8768.	21962.	4575.	0.	147648.	21075.
1945	10	.98	44421.	4480.	1406.	674986.	224000.	11378.	3273.	0.	4444.	108505.	237473.	101559.
1945	11	.96	307.	8328.	1406.	664965.	0.	10414.	6218.	1002.	4068.	0.	221245.	1582.
1945	12	.94	322.	5005.	1406.	658282.	0.	10330.	2940.	1038.	4035.	0.	208343.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.92	560.	249.	1406.	656593.	1610.	10120.	-361.	1126.	3953.	0.	200474.	1697.
1946	2	.91	298.	2237.	1406.	652654.	0.	9282.	885.	1478.	3625.	0.	190235.	2025.
1946	3	.89	2074.	6675.	1406.	646053.	8898.	11253.	4480.	6564.	4395.	0.	178242.	6755.
1946	4	.90	15960.	4456.	1406.	655556.	26930.	11784.	2906.	10642.	4603.	0.	181246.	10547.
1946	5	.98	18011.	-1506.	1406.	673073.	149199.	12189.	382.	0.	4761.	49291.	237473.	46491.
1946	6	.99	14147.	7105.	1406.	678115.	119961.	12651.	3465.	0.	4941.	89059.	237473.	83475.
1946	7	.94	0.	17635.	1406.	658480.	1314.	14342.	10814.	0.	5602.	0.	215037.	650.
1946	8	1.00	43717.	8623.	2995.	689314.	51900.	14328.	6999.	0.	5597.	11132.	237473.	11003.
1946	9	1.00	106530.	2316.	73262.	689314.	197402.	11714.	-385.	0.	4575.	237374.	237473.	221408.
1946	10	1.00	118574.	-515.	83719.	689314.	446756.	11378.	-2118.	0.	4444.	508789.	237473.	473824.
1946	11	.98	2060.	6412.	1406.	682962.	5146.	10414.	3994.	1002.	4068.	0.	228615.	1582.
1946	12	.97	1108.	4080.	1406.	677989.	987.	10330.	2799.	1038.	4035.	0.	216841.	1615.
1947	1	.96	1450.	-1272.	1406.	678712.	5394.	10120.	-553.	1126.	3953.	0.	212948.	1697.
1947	2	.94	476.	5580.	1406.	671608.	0.	9282.	3790.	1478.	3625.	0.	199803.	2025.
1947	3	.91	1384.	5795.	1406.	665197.	2610.	11253.	3674.	6564.	4395.	0.	182329.	6755.
1947	4	.90	598.	4008.	1406.	659787.	16828.	11784.	1711.	10642.	4603.	0.	176426.	10547.
1947	5	.98	10242.	0.	1406.	668029.	149170.	12189.	-569.	0.	4761.	45394.	237473.	42867.
1947	6	.97	13468.	11836.	1406.	667661.	28981.	12651.	7788.	16192.	4941.	0.	231229.	15709.
1947	7	.96	6218.	18004.	1406.	653875.	46450.	14342.	12092.	0.	5602.	15179.	237473.	14766.
1947	8	.95	1442.	10128.	1406.	643189.	25071.	14328.	4813.	0.	5597.	7336.	237473.	7473.
1947	9	.88	0.	15826.	1406.	625363.	0.	11714.	10958.	21962.	4575.	0.	194245.	21075.
1947	10	.84	0.	10547.	1406.	612817.	0.	11378.	6809.	12425.	4444.	0.	165039.	12206.
1947	11	.82	789.	5695.	1406.	605911.	5143.	10414.	1641.	1002.	4068.	0.	158531.	1582.
1947	12	.81	105.	1888.	1406.	602128.	0.	10330.	800.	1038.	4035.	0.	147769.	1615.
1948	1	.79	0.	3990.	1406.	596138.	0.	10120.	2312.	1126.	3953.	0.	135617.	1697.
1948	2	.78	135.	0.	1406.	594273.	0.	9282.	299.	1478.	3625.	0.	125964.	2025.
1948	3	.75	0.	5118.	1406.	587155.	0.	11253.	2411.	6564.	4395.	0.	107143.	6755.
1948	4	.71	0.	6919.	1406.	578236.	0.	11784.	3082.	10642.	4603.	0.	83041.	10547.
1948	5	.65	0.	8899.	1406.	567336.	0.	12189.	2884.	32515.	4761.	0.	36859.	30889.
1948	6	.60	1169.	11805.	16594.	533096.	0.	12651.	1981.	16192.	4941.	0.	22629.	15709.
1948	7	.68	26585.	11678.	1406.	546003.	73915.	14342.	3512.	0.	5602.	0.	80096.	650.
1948	8	.64	0.	14952.	1406.	529051.	5896.	14328.	6323.	0.	5597.	0.	66748.	650.
1948	9	.61	0.	7375.	1406.	519676.	8132.	11714.	1311.	21962.	4575.	0.	41299.	21075.
1948	10	.61	14220.	5632.	1406.	526264.	22665.	11378.	1639.	12425.	4444.	0.	39927.	12206.
1948	11	.59	0.	5845.	1406.	518420.	4379.	10414.	1526.	1002.	4068.	0.	32769.	1582.
1948	12	.58	0.	4509.	2418.	510472.	233.	10330.	1072.	1038.	4035.	0.	22981.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1949	1	.56	0.	848.	11276.	493584.	133.	10120.	172.	1126.	3953.	0.	22972.	1697.
1949	2	.55	6427.	210.	7502.	489129.	3285.	9282.	0.	1478.	3625.	0.	23000.	2025.
1949	3	.69	23421.	4429.	1406.	506121.	131112.	11253.	1693.	6564.	4395.	0.	136009.	6755.
1949	4	.89	76290.	-5100.	1406.	585511.	159940.	11784.	-4747.	0.	4603.	42203.	237473.	39899.
1949	5	.89	14887.	8349.	1406.	590050.	216641.	12189.	7123.	0.	4761.	166220.	237473.	155235.
1949	6	.94	47734.	5462.	1406.	630322.	78380.	12651.	5390.	0.	4941.	45553.	237473.	43014.
1949	7	.94	14473.	9230.	1406.	633565.	85019.	14342.	6160.	0.	5602.	65923.	237473.	61958.
1949	8	.93	5632.	13555.	1406.	623641.	36875.	14328.	9626.	0.	5597.	14328.	237473.	13975.
1949	9	.87	0.	13142.	1406.	608499.	3989.	11714.	8838.	21962.	4575.	0.	200354.	21075.
1949	10	.88	17238.	1433.	1406.	622304.	20834.	11378.	1426.	12425.	4444.	0.	197364.	12206.
1949	11	.87	1798.	6232.	1406.	615870.	10173.	10414.	5802.	1002.	4068.	0.	191725.	1582.
1949	12	.88	10912.	-480.	1406.	625263.	11345.	10330.	528.	1038.	4035.	0.	192580.	1615.
1950	1	.86	49.	5048.	1406.	618264.	1710.	10120.	2433.	1126.	3953.	0.	182017.	1697.
1950	2	.85	0.	3344.	1406.	612920.	685.	9282.	2547.	1478.	3625.	0.	170801.	2025.
1950	3	.81	0.	8055.	1406.	602865.	917.	11253.	5202.	6564.	4395.	0.	150105.	6755.
1950	4	.78	171.	5634.	1406.	595403.	3477.	11784.	4117.	10642.	4603.	0.	128445.	10547.
1950	5	.78	11295.	4688.	1406.	600010.	41642.	12189.	3794.	32515.	4761.	0.	122994.	30889.
1950	6	.86	9116.	6346.	1406.	600780.	105877.	12651.	5508.	16192.	4941.	0.	195927.	15709.
1950	7	.83	45.	12368.	1406.	586457.	10350.	14342.	8004.	0.	5602.	0.	185337.	650.
1950	8	.79	0.	14916.	1406.	569541.	0.	14328.	10705.	0.	5597.	0.	161710.	650.
1950	9	.74	0.	11062.	1406.	556479.	8312.	11714.	7891.	21962.	4575.	0.	129861.	21075.
1950	10	.71	0.	11576.	1406.	542903.	15724.	11378.	7046.	12425.	4444.	0.	116141.	12206.
1950	11	.68	0.	8795.	1406.	532108.	0.	10414.	5213.	1002.	4068.	0.	100917.	1582.
1950	12	.66	0.	6965.	1406.	523143.	0.	10330.	3771.	1038.	4035.	0.	87185.	1615.
1951	1	.64	0.	5611.	1406.	515533.	0.	10120.	2464.	1126.	3953.	0.	74881.	1697.
1951	2	.62	0.	2359.	1406.	511174.	229.	9282.	1415.	1478.	3625.	0.	64341.	2025.
1951	3	.60	0.	4478.	1406.	504696.	793.	11253.	1420.	6564.	4395.	0.	47303.	6755.
1951	4	.56	0.	7822.	1406.	494874.	1008.	11784.	2099.	10642.	4603.	0.	25193.	10547.
1951	5	.62	60288.	3246.	2107.	548919.	41567.	12189.	1179.	32515.	4761.	0.	22984.	30889.
1951	6	.73	35876.	6319.	1406.	576476.	110767.	12651.	2421.	16192.	4941.	0.	103893.	15709.
1951	7	.69	0.	16556.	1406.	557920.	0.	14342.	8150.	0.	5602.	0.	82808.	650.
1951	8	.65	0.	18660.	1406.	537261.	0.	14328.	7780.	0.	5597.	0.	62105.	650.
1951	9	.85	50417.	-1128.	1406.	586805.	168500.	11714.	447.	21962.	4575.	0.	197889.	21075.
1951	10	.83	6225.	7861.	1406.	583169.	13728.	11378.	6272.	12425.	4444.	0.	182947.	12206.
1951	11	.81	393.	4370.	1406.	577192.	1571.	10414.	2384.	1002.	4068.	0.	172124.	1582.
1951	12	.79	0.	5708.	1406.	569484.	306.	10330.	3802.	1038.	4035.	0.	158666.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.76	0.	5886.	1406.	561598.	922.	10120.	3814.	1126.	3953.	0.	145933.	1697.
1952	2	.76	6769.	2483.	1406.	563884.	6813.	9282.	2325.	1478.	3625.	0.	141068.	2025.
1952	3	.73	1633.	5855.	1406.	557662.	0.	11253.	4299.	6564.	4395.	0.	120358.	6755.
1952	4	.72	6853.	4713.	1406.	557802.	9761.	11784.	1688.	10642.	4603.	0.	107410.	10547.
1952	5	.70	13278.	5404.	1406.	563676.	21222.	12189.	4488.	32515.	4761.	0.	80846.	30889.
1952	6	.73	4251.	10122.	1406.	555804.	73717.	12651.	6035.	16192.	4941.	0.	121092.	15709.
1952	7	.71	0.	11789.	1406.	542015.	10726.	14342.	4818.	0.	5602.	0.	114064.	650.
1952	8	.66	0.	18362.	1406.	521653.	198.	14328.	10215.	0.	5597.	0.	91125.	650.
1952	9	.64	0.	4957.	1406.	514696.	17513.	11714.	-1822.	21962.	4575.	0.	78191.	21075.
1952	10	.60	0.	11515.	1406.	501181.	0.	11378.	4427.	12425.	4444.	0.	51366.	12206.
1952	11	.58	0.	1268.	1406.	497913.	979.	10414.	350.	1002.	4068.	0.	41984.	1582.
1952	12	.57	0.	2105.	1406.	493808.	1484.	10330.	722.	1038.	4035.	0.	32784.	1615.
1953	1	.55	0.	5860.	704.	486946.	2080.	10120.	1311.	1126.	3953.	0.	23011.	1697.
1953	2	.53	0.	2479.	10148.	470032.	968.	9282.	427.	1478.	3625.	0.	22939.	2025.
1953	3	.50	0.	5837.	17439.	439388.	1254.	11253.	1099.	6564.	4395.	0.	22716.	6755.
1953	4	.48	446.	5253.	10725.	419325.	12888.	11784.	1054.	10642.	4603.	0.	22849.	10547.
1953	5	.53	31122.	4878.	1406.	443569.	68114.	12189.	1808.	32515.	4761.	0.	45857.	30889.
1953	6	.47	0.	13248.	9257.	417154.	0.	12651.	3508.	16192.	4941.	0.	22763.	15709.
1953	7	.43	5.	14144.	16618.	379375.	48.	14342.	2677.	0.	5602.	0.	22410.	650.
1953	8	.46	12604.	5450.	1406.	384529.	33348.	14328.	56.	0.	5597.	0.	42781.	650.
1953	9	.86	180066.	5328.	1406.	557268.	268221.	11714.	5959.	0.	4575.	35300.	237473.	33479.
1953	10	.89	30721.	-1597.	1406.	587585.	47881.	11378.	-5005.	0.	4444.	30488.	237473.	29004.
1953	11	.88	1255.	6697.	1406.	580143.	33853.	10414.	5390.	0.	4068.	18452.	237473.	17811.
1953	12	.86	67.	4813.	1406.	573397.	219.	10330.	3223.	1038.	4035.	0.	224508.	1615.
1954	1	.84	14.	4323.	1406.	567088.	1499.	10120.	3147.	1126.	3953.	0.	213019.	1697.
1954	2	.82	0.	7220.	1406.	557868.	1373.	9282.	5406.	1478.	3625.	0.	199633.	2025.
1954	3	.78	0.	8484.	1406.	547384.	1263.	11253.	6082.	6564.	4395.	0.	178403.	6755.
1954	4	.76	6098.	4663.	1406.	546819.	5848.	11784.	3009.	10642.	4603.	0.	160223.	10547.
1954	5	.71	6606.	7536.	1406.	543890.	3015.	12189.	4997.	32515.	4761.	0.	114942.	30889.
1954	6	.74	19590.	9555.	1406.	551925.	48472.	12651.	4339.	16192.	4941.	0.	131639.	15709.
1954	7	.83	932.	14829.	1406.	536028.	138607.	14342.	11060.	0.	5602.	8777.	237473.	8812.
1954	8	.79	0.	16527.	1406.	517501.	1101.	14328.	12267.	0.	5597.	0.	213385.	650.
1954	9	.73	0.	12823.	1406.	502678.	3468.	11714.	8075.	21962.	4575.	0.	176507.	21075.
1954	10	.71	1103.	8230.	1406.	493551.	10715.	11378.	3671.	12425.	4444.	0.	161154.	12206.
1954	11	.70	477.	5231.	1406.	486797.	11152.	10414.	3740.	1002.	4068.	0.	158555.	1582.
1954	12	.67	0.	7260.	1406.	477536.	271.	10330.	5214.	1038.	4035.	0.	143651.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.65	0.	3293.	1406.	472243.	526.	10120.	2586.	1126.	3953.	0.	131751.	1697.
1955	2	.64	1446.	2458.	1406.	469231.	6468.	9282.	2367.	1478.	3625.	0.	126498.	2025.
1955	3	.61	0.	7933.	1406.	459297.	791.	11253.	5627.	6564.	4395.	0.	105251.	6755.
1955	4	.57	0.	9648.	1406.	447650.	102.	11784.	5329.	10642.	4603.	0.	79004.	10547.
1955	5	.55	28501.	7869.	1406.	466281.	15534.	12189.	4242.	32515.	4761.	0.	46998.	30889.
1955	6	.52	2412.	15166.	1406.	451527.	15543.	12651.	4530.	16192.	4941.	0.	30574.	15709.
1955	7	.48	97.	16943.	6628.	425253.	3804.	14342.	3819.	0.	5602.	0.	22845.	650.
1955	8	.46	3584.	13311.	10168.	401063.	6838.	14328.	2838.	0.	5597.	0.	22685.	650.
1955	9	.44	1509.	8846.	8167.	382108.	25937.	11714.	128.	21962.	4575.	0.	22985.	21075.
1955	10	.44	2320.	10996.	1406.	371432.	38360.	11378.	2507.	12425.	4444.	0.	36440.	12206.
1955	11	.42	0.	6750.	1406.	362683.	1284.	10414.	1937.	1002.	4068.	0.	25776.	1582.
1955	12	.40	0.	4872.	8673.	345473.	980.	10330.	1189.	1038.	4035.	0.	22873.	1615.
1956	1	.38	0.	3371.	11196.	326176.	968.	10120.	931.	1126.	3953.	0.	22859.	1697.
1956	2	.35	0.	4227.	11316.	305852.	481.	9282.	1056.	1478.	3625.	0.	22840.	2025.
1956	3	.32	0.	6034.	18407.	273635.	655.	11253.	1511.	6564.	4395.	0.	22574.	6755.
1956	4	.29	0.	5453.	18776.	241473.	4634.	11784.	802.	10642.	4603.	0.	22756.	10547.
1956	5	.24	3515.	4927.	26889.	201813.	18578.	12189.	888.	32515.	4761.	0.	22631.	30889.
1956	6	.19	907.	7161.	27566.	156347.	2948.	12651.	2194.	16192.	4941.	0.	22108.	15709.
1956	7	.17	2952.	8155.	11249.	135144.	6926.	14342.	3349.	0.	5602.	0.	22591.	650.
1956	8	.17	17679.	8123.	6282.	135764.	11600.	14328.	3296.	0.	5597.	0.	22849.	650.
1956	9	.17	16880.	5630.	8742.	134578.	27107.	11714.	2241.	21962.	4575.	0.	22781.	21075.
1956	10	.19	11668.	3576.	1406.	140670.	36895.	11378.	1507.	12425.	4444.	0.	35771.	12206.
1956	11	.17	0.	3293.	1406.	135377.	1378.	10414.	1761.	1002.	4068.	0.	25378.	1582.
1956	12	.17	0.	1891.	1406.	131486.	11256.	10330.	646.	1038.	4035.	0.	26026.	1615.
1957	1	.15	0.	2516.	8810.	116438.	553.	10120.	1280.	1126.	3953.	0.	22862.	1697.
1957	2	.13	0.	1237.	9597.	101550.	1891.	9282.	680.	1478.	3625.	0.	22911.	2025.
1957	3	.14	4752.	1344.	1406.	102958.	24663.	11253.	1033.	6564.	4395.	0.	30130.	6755.
1957	4	.32	77221.	-295.	1406.	178473.	110808.	11784.	-2079.	10642.	4603.	0.	121997.	10547.
1957	5	.60	141326.	-140.	1406.	317939.	478579.	12189.	-2310.	0.	4761.	322115.	237473.	300217.
1957	6	.70	101364.	6193.	1406.	411110.	402936.	12651.	3080.	0.	4941.	372419.	237473.	347000.
1957	7	.66	35.	14983.	1406.	394162.	2993.	14342.	14281.	0.	5602.	0.	213249.	650.
1957	8	.61	0.	14076.	1406.	378086.	354.	14328.	12898.	0.	5597.	0.	187783.	650.
1957	9	.69	32902.	5155.	1406.	403832.	106256.	11714.	4655.	2320.	4575.	19641.	237473.	21075.
1957	10	.74	54599.	4078.	1406.	452353.	78496.	11378.	6160.	0.	4444.	49938.	237473.	47092.
1957	11	.75	8838.	-1412.	1406.	460603.	38190.	10414.	-1540.	0.	4068.	29720.	237473.	28289.
1957	12	.74	2601.	3641.	1406.	457563.	2676.	10330.	3984.	1038.	4035.	0.	226203.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	.86	100716.	-3414.	1406.	559693.	239830.	10120.	-6160.	0.	3953.	224880.	237473.	209788.
1958	2	.98	111709.	-3825.	1406.	673227.	283699.	9282.	-6353.	0.	3625.	280698.	237473.	261699.
1958	3	1.00	23248.	4341.	1983.	689314.	166446.	11253.	2503.	0.	4395.	148109.	237473.	138392.
1958	4	.97	3004.	5136.	1406.	685182.	1525.	11784.	4867.	10642.	4603.	0.	213111.	10547.
1958	5	.96	14420.	2831.	5243.	689314.	31400.	12189.	3258.	32515.	4761.	0.	201792.	30889.
1958	6	.96	50387.	11580.	27281.	689314.	5901.	12651.	7635.	16192.	4941.	0.	198496.	15709.
1958	7	.99	15530.	18989.	1406.	683855.	102371.	14342.	14020.	0.	5602.	36438.	237473.	34537.
1958	8	.94	20.	19240.	1406.	662634.	0.	14328.	14061.	0.	5597.	0.	210490.	650.
1958	9	.99	53205.	-3603.	21180.	689314.	25250.	11714.	-7699.	21962.	4575.	0.	230943.	21075.
1958	10	1.00	43294.	-5147.	34054.	689314.	217084.	11378.	-5968.	0.	4444.	226772.	237473.	211548.
1958	11	1.00	41388.	4632.	25840.	689314.	167157.	10414.	3850.	0.	4068.	177730.	237473.	165939.
1958	12	1.00	8202.	2831.	3776.	689314.	13568.	10330.	1348.	0.	4035.	4629.	237473.	4955.
1959	1	.99	2750.	5903.	1406.	684161.	23618.	10120.	3273.	0.	3953.	10505.	237473.	10420.
1959	2	.99	1409.	-1793.	1406.	685363.	3436.	9282.	-3080.	1478.	3625.	0.	234635.	2025.
1959	3	.96	590.	8923.	1406.	675030.	6481.	11253.	5814.	6564.	4395.	0.	218892.	6755.
1959	4	.93	415.	5308.	1406.	668137.	0.	11784.	3791.	10642.	4603.	0.	194080.	10547.
1959	5	.88	1411.	5775.	1406.	661773.	4796.	12189.	4704.	32515.	4761.	0.	150874.	30889.
1959	6	.87	23818.	7311.	1406.	676280.	7775.	12651.	4263.	16192.	4941.	0.	126949.	15709.
1959	7	.90	22218.	16031.	1406.	680466.	45138.	14342.	9930.	0.	5602.	0.	149221.	650.
1959	8	.87	374.	14419.	1406.	664421.	9454.	14328.	5724.	0.	5597.	0.	140030.	650.
1959	9	.81	1472.	12715.	1406.	651178.	2280.	11714.	6872.	21962.	4575.	0.	103168.	21075.
1959	10	1.00	69467.	4345.	18971.	689314.	231751.	11378.	2026.	0.	4444.	90587.	237473.	84896.
1959	11	1.00	5459.	5399.	1406.	687374.	15880.	10414.	5365.	498.	4068.	504.	237473.	1582.
1959	12	.98	615.	4864.	1406.	681125.	6660.	10330.	3621.	1038.	4035.	0.	230550.	1615.
1960	1	.97	712.	3310.	1406.	676528.	6637.	10120.	1699.	1126.	3953.	0.	225648.	1697.
1960	2	.96	933.	3295.	1406.	672166.	6094.	9282.	1310.	1478.	3625.	0.	221078.	2025.
1960	3	.94	556.	4035.	1406.	666687.	4774.	11253.	2203.	6564.	4395.	0.	207238.	6755.
1960	4	.91	3919.	6525.	1406.	662081.	0.	11784.	4402.	10642.	4603.	0.	181816.	10547.
1960	5	.85	697.	8968.	1406.	651810.	0.	12189.	4681.	32515.	4761.	0.	133837.	30889.
1960	6	.85	8139.	8910.	1406.	649039.	36056.	12651.	5115.	16192.	4941.	0.	137341.	15709.
1960	7	.84	2007.	9837.	1406.	639209.	21907.	14342.	8872.	0.	5602.	0.	137440.	650.
1960	8	.89	23250.	5673.	1406.	654787.	46113.	14328.	3183.	0.	5597.	0.	167448.	650.
1960	9	.86	1645.	13086.	1406.	641346.	22454.	11714.	5991.	21962.	4575.	0.	151642.	21075.
1960	10	.98	26393.	-3482.	1406.	669221.	140197.	11378.	-6477.	0.	4444.	38445.	237473.	36404.
1960	11	.99	17115.	2284.	1406.	682052.	78733.	10414.	1348.	0.	4068.	67375.	237473.	63309.
1960	12	1.00	6656.	-2307.	1406.	689015.	52666.	10330.	-5583.	0.	4035.	48287.	237473.	45557.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2666.	689314.	42256.	10120.	385.	0.	3953.	33291.	237473.	31611.
1961	2	1.00	16221.	257.	11222.	689314.	51823.	9282.	-578.	0.	3625.	52863.	237473.	49813.
1961	3	.98	2221.	6157.	1406.	683378.	9629.	11253.	4926.	6564.	4395.	0.	225765.	6755.
1961	4	.97	13295.	3595.	2646.	689314.	8815.	11784.	3514.	10642.	4603.	0.	211285.	10547.
1961	5	.90	0.	12770.	1406.	674544.	0.	12189.	8767.	32515.	4761.	0.	159220.	30889.
1961	6	.98	76005.	6176.	38707.	689314.	55645.	12651.	3321.	16192.	4941.	0.	221409.	15709.
1961	7	.98	4774.	11019.	1406.	681069.	22418.	14342.	7793.	0.	5602.	0.	223098.	650.
1961	8	.97	1034.	12922.	1406.	667181.	32464.	14328.	9002.	0.	5597.	0.	233638.	650.
1961	9	.92	0.	11747.	1406.	653433.	3812.	11714.	5700.	21962.	4575.	0.	199480.	21075.
1961	10	.89	897.	7415.	1406.	644915.	13017.	11378.	7835.	12425.	4444.	0.	182265.	12206.
1961	11	.88	514.	738.	1406.	642692.	4065.	10414.	1537.	1002.	4068.	0.	174782.	1582.
1961	12	.86	400.	2940.	1406.	638152.	20.	10330.	2671.	1038.	4035.	0.	162170.	1615.
1962	1	.84	889.	3901.	1406.	633140.	0.	10120.	3055.	1126.	3953.	0.	149275.	1697.
1962	2	.82	517.	6539.	1406.	625117.	0.	9282.	4463.	1478.	3625.	0.	135458.	2025.
1962	3	.79	242.	7442.	1406.	615918.	0.	11253.	4508.	6564.	4395.	0.	114539.	6755.
1962	4	.76	273.	5237.	1406.	608954.	0.	11784.	1736.	10642.	4603.	0.	91783.	10547.
1962	5	.69	814.	12246.	1406.	595522.	0.	12189.	4263.	32515.	4761.	0.	44222.	30889.
1962	6	.70	6471.	4443.	1406.	595550.	34565.	12651.	1123.	16192.	4941.	0.	50227.	15709.
1962	7	.65	0.	19876.	1406.	573673.	0.	14342.	5353.	0.	5602.	0.	31939.	650.
1962	8	.61	0.	17527.	8547.	543988.	0.	14328.	3404.	0.	5597.	0.	22754.	650.
1962	9	.58	0.	6982.	14713.	516077.	20186.	11714.	1220.	21962.	4575.	0.	22756.	21075.
1962	10	.53	0.	10491.	25407.	469446.	0.	11378.	2278.	12425.	4444.	0.	22080.	12206.
1962	11	.51	0.	3838.	13392.	446557.	0.	10414.	1290.	1002.	4068.	0.	22766.	1582.
1962	12	.49	0.	-197.	11137.	430912.	680.	10330.	256.	1038.	4035.	0.	22959.	1615.
1963	1	.47	0.	3466.	10003.	413216.	1908.	10120.	723.	1126.	3953.	0.	22902.	1697.
1963	2	.46	639.	944.	6832.	403193.	4568.	9282.	596.	1478.	3625.	0.	22946.	2025.
1963	3	.43	0.	5868.	16897.	373289.	1966.	11253.	1307.	6564.	4395.	0.	22685.	6755.
1963	4	.38	0.	5564.	23750.	333941.	0.	11784.	1711.	10642.	4603.	0.	22298.	10547.
1963	5	.33	3745.	5927.	34939.	282059.	11579.	12189.	1903.	32515.	4761.	0.	22209.	30889.
1963	6	.41	17037.	6150.	1406.	290946.	98346.	12651.	4819.	16192.	4941.	0.	88299.	15709.
1963	7	.38	2159.	9527.	1406.	281578.	0.	14342.	6794.	0.	5602.	0.	68569.	650.
1963	8	.34	0.	12595.	1406.	266983.	0.	14328.	6209.	0.	5597.	0.	49438.	650.
1963	9	.29	584.	6592.	9720.	247148.	0.	11714.	2667.	21962.	4575.	0.	22816.	21075.
1963	10	.25	591.	5398.	25202.	206492.	0.	11378.	2039.	12425.	4444.	0.	22175.	12206.
1963	11	.26	2435.	1237.	1406.	205690.	22743.	10414.	1122.	1002.	4068.	0.	33785.	1582.
1963	12	.25	2012.	864.	1406.	204839.	3787.	10330.	524.	1038.	4035.	0.	27086.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.23	0.	1089.	7609.	192926.	0.	10120.	499.	1126.	3953.	0.	22950.	1697.
1964	2	.22	0.	810.	10918.	176584.	0.	9282.	129.	1478.	3625.	0.	22980.	2025.
1964	3	.19	965.	1621.	17137.	151552.	1304.	11253.	807.	6564.	4395.	0.	22796.	6755.
1964	4	.15	0.	3212.	23521.	114882.	0.	11784.	1510.	10642.	4603.	0.	22382.	10547.
1964	5	.08	145.	1185.	43005.	52669.	2318.	12189.	0.	32515.	4761.	0.	23000.	30889.
1964	6	.04	2673.	2037.	28022.	13444.	2220.	12651.	2327.	16192.	4941.	0.	22073.	15709.
1964	7	.02	105.	712.	6700.	3415.	1749.	14342.	1318.	0.	5602.	0.	14863.	650.
1964	8	.03	3302.	386.	0.	6331.	23105.	14328.	3000.	0.	5597.	0.	20640.	650.
1964	9	.17	681.	298.	1406.	4714.	170057.	11714.	1172.	21962.	4575.	0.	157255.	21075.
1964	10	.27	7568.	451.	1406.	9831.	226270.	11378.	3465.	0.	4444.	120189.	237473.	112426.
1964	11	.26	8739.	620.	1406.	15951.	4570.	10414.	7178.	1002.	4068.	0.	224854.	1582.
1964	12	.24	0.	245.	1406.	13706.	0.	10330.	1669.	1038.	4035.	0.	213223.	1615.
1965	1	.23	508.	134.	1406.	12080.	0.	10120.	2353.	1126.	3953.	0.	201029.	1697.
1965	2	.23	4438.	-296.	1406.	14814.	0.	9282.	-3037.	1478.	3625.	0.	194713.	2025.
1965	3	.25	0.	317.	1406.	12497.	39687.	11253.	2524.	6564.	4395.	0.	215465.	6755.
1965	4	.22	6634.	428.	1406.	16703.	0.	11784.	5362.	10642.	4603.	0.	189084.	10547.
1965	5	.35	68285.	-931.	1406.	83919.	131459.	12189.	-2687.	0.	4761.	42458.	237473.	40136.
1965	6	.34	2048.	2764.	1406.	81203.	44496.	12651.	9606.	8739.	4941.	7454.	237473.	15709.
1965	7	.32	0.	4672.	1406.	74532.	8478.	14342.	14175.	0.	5602.	0.	218841.	650.
1965	8	.28	0.	4002.	1406.	68529.	0.	14328.	12341.	0.	5597.	0.	193577.	650.
1965	9	.23	0.	2947.	1406.	63583.	0.	11714.	9365.	21962.	4575.	0.	151942.	21075.
1965	10	.20	1400.	1041.	1406.	61942.	0.	11378.	3356.	12425.	4444.	0.	126188.	12206.
1965	11	.19	111.	844.	1406.	59209.	1794.	10414.	3300.	1002.	4068.	0.	114671.	1582.
1965	12	.19	4202.	-394.	1406.	61805.	5880.	10330.	-141.	1038.	4035.	0.	110730.	1615.
1966	1	.17	0.	-908.	1406.	60712.	0.	10120.	-550.	1126.	3953.	0.	101440.	1697.
1966	2	.16	2307.	226.	1406.	60794.	0.	9282.	254.	1478.	3625.	0.	91832.	2025.
1966	3	.14	16.	389.	1406.	58421.	0.	11253.	1753.	6564.	4395.	0.	73668.	6755.
1966	4	.17	16583.	656.	1406.	72348.	27683.	11784.	-1693.	10642.	4603.	0.	82024.	10547.
1966	5	.35	18314.	-136.	1406.	88798.	206958.	12189.	-4012.	20292.	4761.	12223.	237473.	30889.
1966	6	.36	9218.	1694.	1406.	94322.	34719.	12651.	193.	9102.	4941.	7090.	237473.	15709.
1966	7	.33	694.	3325.	1406.	89691.	0.	14342.	7312.	0.	5602.	0.	217225.	650.
1966	8	.32	10761.	4138.	1406.	94314.	5490.	14328.	3649.	0.	5597.	0.	206144.	650.
1966	9	.34	20929.	2062.	1406.	111181.	31194.	11714.	4482.	21962.	4575.	0.	200586.	21075.
1966	10	.30	469.	3212.	1406.	106438.	1424.	11378.	8268.	12425.	4444.	0.	171345.	12206.
1966	11	.28	0.	1126.	1406.	103313.	189.	10414.	6702.	1002.	4068.	0.	154821.	1582.
1966	12	.26	0.	1887.	1406.	99426.	0.	10330.	3918.	1038.	4035.	0.	140941.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.24	0.	1153.	1406.	96273.	11.	10120.	909.	1126.	3953.	0.	130203.	1697.
1967	2	.23	146.	453.	1406.	93966.	726.	9282.	2622.	1478.	3625.	0.	118953.	2025.
1967	3	.21	0.	668.	1406.	91299.	2978.	11253.	4284.	6564.	4395.	0.	101236.	6755.
1967	4	.18	626.	1239.	1406.	88686.	5725.	11784.	4485.	10642.	4603.	0.	81456.	10547.
1967	5	.15	4246.	1015.	1406.	89917.	14105.	12189.	1971.	32515.	4761.	0.	50292.	30889.
1967	6	.11	0.	4329.	5316.	78026.	0.	12651.	3816.	16192.	4941.	0.	22949.	15709.
1967	7	.08	11.	4514.	16683.	49792.	0.	14342.	2921.	0.	5602.	0.	22369.	650.
1967	8	.11	8928.	2560.	1406.	54160.	41103.	14328.	237.	0.	5597.	0.	50312.	650.
1967	9	.68	339587.	2206.	1406.	389541.	1392125.	11714.	-5005.	0.	4575.	1177700.	237473.	1095911.
1967	10	.70	24578.	2424.	1406.	409695.	182132.	11378.	578.	0.	4444.	159157.	237473.	148666.
1967	11	.71	13260.	1905.	1406.	419050.	15874.	10414.	4415.	0.	4068.	1448.	237473.	1997.
1967	12	.71	2223.	1150.	1406.	418124.	23723.	10330.	4235.	0.	4035.	9526.	237473.	9509.
1968	1	.81	95143.	1220.	1406.	510046.	150581.	10120.	-578.	0.	3953.	141318.	237473.	132076.
1968	2	.82	9962.	-1288.	1406.	519297.	28779.	9282.	578.	0.	3625.	18848.	237473.	18178.
1968	3	.81	8635.	433.	1406.	525499.	10619.	11253.	3613.	6564.	4395.	0.	228068.	6755.
1968	4	.80	6405.	1088.	1406.	528816.	10090.	11784.	3161.	10642.	4603.	0.	213977.	10547.
1968	5	.94	110820.	1614.	1406.	636022.	203818.	12189.	385.	0.	4761.	136639.	237473.	127724.
1968	6	.93	7493.	9493.	1406.	632022.	26124.	12651.	2107.	16192.	4941.	0.	234054.	15709.
1968	7	.94	17116.	10954.	1406.	636184.	18890.	14342.	4954.	0.	5602.	0.	235054.	650.
1968	8	.90	391.	11871.	1406.	622704.	4642.	14328.	12252.	0.	5597.	0.	214522.	650.
1968	9	.88	3276.	1443.	1406.	622536.	14343.	11714.	6604.	21962.	4575.	0.	189991.	21075.
1968	10	.86	128.	6228.	1406.	614436.	11916.	11378.	692.	12425.	4444.	0.	178817.	12206.
1968	11	.83	0.	8068.	1406.	604368.	3199.	10414.	6369.	1002.	4068.	0.	165637.	1582.
1968	12	.82	542.	4705.	1406.	598205.	6309.	10330.	3602.	1038.	4035.	0.	158382.	1615.
1969	1	.80	77.	2340.	1406.	593942.	2235.	10120.	2714.	1126.	3953.	0.	148063.	1697.
1969	2	.82	3657.	234.	1406.	595365.	18255.	9282.	-7192.	1478.	3625.	0.	164156.	2025.
1969	3	.79	171.	6053.	1406.	587483.	703.	11253.	2090.	6564.	4395.	0.	146358.	6755.
1969	4	.77	868.	1852.	1406.	584499.	10353.	11784.	3057.	10642.	4603.	0.	132634.	10547.
1969	5	.75	2122.	-694.	1406.	585315.	25774.	12189.	2030.	32515.	4761.	0.	113080.	30889.
1969	6	.71	142.	8281.	1406.	575176.	7705.	12651.	7774.	16192.	4941.	0.	85575.	15709.
1969	7	.68	0.	15634.	1406.	557541.	6979.	14342.	5797.	0.	5602.	0.	73821.	650.
1969	8	.65	1233.	14473.	1406.	542301.	243.	14328.	2598.	0.	5597.	0.	58544.	650.
1969	9	.61	916.	4846.	1406.	536371.	8103.	11714.	2879.	21962.	4575.	0.	31498.	21075.
1969	10	.71	51775.	9191.	1406.	576955.	78055.	11378.	3426.	12425.	4444.	0.	83729.	12206.
1969	11	.78	12341.	6889.	1406.	580406.	71630.	10414.	0.	1002.	4068.	0.	145349.	1582.
1969	12	.81	3358.	5281.	1406.	576484.	39811.	10330.	2438.	1038.	4035.	0.	172760.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1970	1	.81	1710.	2288.	1406.	573906.	9766.	10120.	-338.	1126.	3953.	0.	173023.	1697.
1970	2	.79	811.	3418.	1406.	569299.	5172.	9282.	2344.	1478.	3625.	0.	166498.	2025.
1970	3	.80	6292.	4546.	1406.	569045.	24066.	11253.	2840.	6564.	4395.	0.	171313.	6755.
1970	4	.77	486.	5659.	1406.	561872.	3688.	11784.	4555.	10642.	4603.	0.	149426.	10547.
1970	5	.82	36107.	7322.	1406.	588657.	64168.	12189.	-1149.	32515.	4761.	0.	171445.	30889.
1970	6	.91	29094.	12864.	1406.	602887.	157117.	12651.	1914.	0.	4941.	61738.	237473.	58067.
1970	7	.87	1107.	12403.	1406.	589591.	5205.	14342.	10854.	0.	5602.	0.	218888.	650.
1970	8	.85	1899.	9478.	1406.	580012.	12541.	14328.	8579.	0.	5597.	0.	209928.	650.
1970	9	.83	7595.	-11372.	1406.	596980.	185.	11714.	3507.	21962.	4575.	0.	174336.	21075.
1970	10	.82	3504.	7005.	1406.	591478.	22639.	11378.	7015.	12425.	4444.	0.	167562.	12206.
1970	11	.79	396.	6953.	1406.	582921.	1254.	10414.	6002.	1002.	4068.	0.	152803.	1582.
1970	12	.78	372.	6203.	1406.	575091.	4778.	10330.	4078.	1038.	4035.	0.	143542.	1615.
1971	1	.75	349.	6377.	1406.	567062.	1278.	10120.	4538.	1126.	3953.	0.	130442.	1697.
1971	2	.73	33.	5195.	1406.	559900.	511.	9282.	3344.	1478.	3625.	0.	118255.	2025.
1971	3	.69	0.	10060.	1406.	547841.	20.	11253.	6097.	6564.	4395.	0.	95767.	6755.
1971	4	.67	0.	6857.	1406.	538983.	10911.	11784.	3364.	10642.	4603.	0.	82295.	10547.
1971	5	.61	0.	8542.	1406.	528441.	54.	12189.	3406.	32515.	4761.	0.	35644.	30889.
1971	6	.56	3185.	7294.	17790.	499027.	0.	12651.	1999.	16192.	4941.	0.	22592.	15709.
1971	7	.78	5500.	15115.	1406.	487412.	300281.	14342.	11900.	0.	5602.	60564.	237473.	56974.
1971	8	1.00	290383.	4602.	58967.	689314.	415914.	14328.	-4235.	0.	5597.	464788.	237473.	432903.
1971	9	1.00	23578.	-515.	16937.	689314.	608695.	11714.	-20406.	0.	4575.	612362.	237473.	570147.
1971	10	1.00	116320.	1287.	80868.	689314.	830575.	11378.	-578.	0.	4444.	888217.	237473.	826692.
1971	11	1.00	15576.	6948.	6066.	689314.	75047.	10414.	6160.	0.	4068.	63536.	237473.	59738.
1971	12	1.00	7241.	2573.	3281.	689314.	23125.	10330.	1348.	0.	4035.	13691.	237473.	13383.
1972	1	1.00	4631.	2059.	1808.	689314.	16951.	10120.	1540.	0.	3953.	5973.	237473.	6205.
1972	2	.99	3483.	3342.	1406.	687455.	8422.	9282.	2679.	1478.	3625.	0.	233862.	2025.
1972	3	.97	1924.	7675.	1406.	679704.	6502.	11253.	5435.	6564.	4395.	0.	218518.	6755.
1972	4	.93	1135.	8370.	1406.	670470.	0.	11784.	2892.	10642.	4603.	0.	194607.	10547.
1972	5	1.00	20067.	2036.	1406.	686501.	152097.	12189.	-4428.	0.	4761.	70360.	237473.	66085.
1972	6	.97	2096.	7159.	1406.	679438.	11320.	12651.	3951.	16192.	4941.	0.	217405.	15709.
1972	7	.94	386.	8617.	1406.	669207.	4209.	14342.	5987.	0.	5602.	0.	202691.	650.
1972	8	.93	3247.	9793.	1406.	660662.	19160.	14328.	8013.	0.	5597.	0.	200917.	650.
1972	9	.94	23639.	7052.	1406.	675249.	30552.	11714.	4256.	21962.	4575.	0.	194943.	21075.
1972	10	.91	2430.	8338.	1406.	667340.	4828.	11378.	2421.	12425.	4444.	0.	174951.	12206.
1972	11	.89	1137.	2764.	1406.	663714.	0.	10414.	3169.	1002.	4068.	0.	161772.	1582.
1972	12	.87	1565.	4503.	1406.	658775.	0.	10330.	3368.	1038.	4035.	0.	148442.	1615.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN1 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1973	1	.86	2164.	1496.	1406.	657443.	0.	10120.	1394.	1126.	3953.	0.	137208.	1697.
1973	2	.85	3352.	-499.	1406.	659294.	0.	9282.	300.	1478.	3625.	0.	127554.	2025.
1973	3	.83	2467.	5728.	1406.	654033.	4138.	11253.	3575.	6564.	4395.	0.	111706.	6755.
1973	4	.82	8327.	2240.	1406.	658120.	16349.	11784.	2478.	10642.	4603.	0.	104557.	10547.
1973	5	.77	1626.	10172.	1406.	647574.	4294.	12189.	3808.	32515.	4761.	0.	61744.	30889.
1973	6	.98	29452.	2249.	1406.	672777.	248540.	12651.	-21906.	0.	4941.	67281.	237473.	63221.
1973	7	1.00	106563.	10808.	55690.	689314.	38985.	14342.	9240.	0.	5602.	71093.	237473.	66766.
1973	8	1.00	22079.	9264.	9009.	689314.	13921.	14328.	2695.	0.	5597.	5907.	237473.	6143.
1973	9	1.00	45440.	3088.	29774.	689314.	36310.	11714.	-2888.	0.	4575.	35295.	237473.	33475.
1973	10	1.00	87828.	3088.	59572.	689314.	394483.	11378.	-7893.	0.	4444.	438144.	237473.	408124.
1973	11	1.00	15714.	8235.	5258.	689314.	59692.	10414.	6738.	0.	4068.	46796.	237473.	44170.
1973	12	1.00	8399.	8227.	1406.	687486.	19639.	10330.	6714.	0.	4035.	2963.	237473.	3406.
1974	1	1.00	7266.	2058.	2376.	689314.	7505.	10120.	-192.	1126.	3953.	0.	236300.	1697.
1974	2	.98	5165.	7958.	1406.	684521.	0.	9282.	6022.	1478.	3625.	0.	220925.	2025.
1974	3	1.00	14442.	3344.	4432.	689314.	37816.	11253.	-2494.	0.	4395.	10377.	237473.	10301.
1974	4	.96	3030.	8970.	1406.	681374.	3992.	11784.	7835.	10642.	4603.	0.	212610.	10547.
1974	5	.93	10227.	7151.	1406.	682450.	17679.	12189.	4605.	32515.	4761.	0.	182386.	30889.
1974	6	.89	3596.	12451.	1406.	671595.	2196.	12651.	3168.	16192.	4941.	0.	153977.	15709.
1974	7	.85	722.	15043.	1406.	655273.	1080.	14342.	9938.	0.	5602.	0.	132184.	650.
1974	8	.95	31134.	6288.	1406.	678119.	83900.	14328.	2492.	0.	5597.	0.	200670.	650.
1974	9	1.00	71154.	7463.	36905.	689314.	121077.	11714.	-1540.	0.	4575.	89043.	237473.	83460.
1974	10	.98	8348.	5404.	2070.	689314.	7271.	11378.	4890.	12425.	4444.	0.	218119.	12206.
1974	11	.99	7564.	2831.	3328.	689314.	17467.	10414.	2607.	1002.	4068.	0.	224890.	1582.
1974	12	.98	6587.	3345.	2279.	689314.	6655.	10330.	2054.	1038.	4035.	0.	220402.	1615.
1975	1	.98	6410.	4117.	1612.	689314.	5940.	10120.	2218.	1126.	3953.	0.	214490.	1697.
1975	2	.98	21313.	4117.	12089.	689314.	5572.	9282.	3864.	1478.	3625.	0.	217527.	2025.
1975	3	.96	5529.	7703.	1406.	685140.	4898.	11253.	5793.	6564.	4395.	0.	200221.	6755.
1975	4	.93	5538.	7161.	1406.	681516.	5280.	11784.	6428.	10642.	4603.	0.	178052.	10547.
1975	5	1.00	55024.	4375.	30125.	689314.	74587.	12189.	4505.	32515.	4761.	0.	233555.	30889.
1975	6	1.00	21938.	7977.	9814.	689314.	108813.	12651.	6545.	0.	4941.	79322.	237473.	74419.
1975	7	1.00	9641.	10024.	1406.	686931.	65134.	14342.	6545.	0.	5602.	45653.	237473.	43107.
1975	8	.98	4389.	11244.	1406.	678076.	13244.	14328.	3063.	0.	5597.	0.	234732.	650.
1975	9	.95	8953.	8389.	1406.	676641.	8359.	11714.	4637.	21962.	4575.	0.	206184.	21075.
1975	10	.92	4208.	8861.	1406.	669988.	3222.	11378.	7175.	12425.	4444.	0.	179833.	12206.
1975	11	.90	3788.	8301.	1406.	663475.	11398.	10414.	6271.	1002.	4068.	0.	174949.	1582.
1975	12	.89	3601.	4507.	1406.	660569.	0.	10330.	3003.	1038.	4035.	0.	161984.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.87	3760.	5739.	1406.	656590.	4060.	10120.	4030.	1126.	3953.	0.	152174.	1697.
1976	2	.85	2127.	7691.	1406.	649027.	0.	9282.	4962.	1478.	3625.	0.	137858.	2025.
1976	3	.82	1834.	6650.	1406.	642211.	0.	11253.	4255.	6564.	4395.	0.	117192.	6755.
1976	4	.83	20234.	1980.	1406.	658465.	13739.	11784.	-3567.	10642.	4603.	0.	113478.	10547.
1976	5	.87	59994.	4357.	17426.	689314.	33205.	12189.	142.	32515.	4761.	0.	119262.	30889.
1976	6	.83	6324.	14083.	1406.	679555.	1091.	12651.	4384.	16192.	4941.	0.	88533.	15709.
1976	7	.97	65453.	4375.	36078.	689314.	89824.	14342.	-5873.	0.	5602.	0.	205965.	650.
1976	8	1.00	17934.	14925.	2115.	689314.	55173.	14328.	11088.	0.	5597.	364.	237473.	989.
1976	9	1.00	9256.	7462.	1406.	689108.	96730.	11714.	5390.	0.	4575.	59070.	237473.	55585.
1976	10	1.00	40525.	3345.	25993.	689314.	124642.	11378.	-4043.	0.	4444.	130874.	237473.	122362.
1976	11	1.00	32483.	772.	22293.	689314.	243951.	10414.	-3273.	0.	4068.	258100.	237473.	240683.
1976	12	1.00	21599.	772.	14641.	689314.	97225.	10330.	-2695.	0.	4035.	103194.	237473.	96620.
1977	1	1.00	16730.	-772.	12304.	689314.	35617.	10120.	-385.	0.	3953.	37060.	237473.	35116.
1977	2	1.00	13571.	4375.	6465.	689314.	20144.	9282.	1925.	0.	3625.	13924.	237473.	13600.
1977	3	.99	11776.	6691.	3575.	689314.	14179.	11253.	5147.	6564.	4395.	0.	232263.	6755.
1977	4	1.00	111433.	515.	77976.	689314.	198831.	11784.	3080.	0.	4603.	246091.	237473.	229514.
1977	5	1.00	33294.	5147.	19788.	689314.	66408.	12189.	3465.	0.	4761.	38026.	237473.	36014.
1977	6	.99	12575.	9521.	2147.	689314.	27814.	12651.	7035.	16192.	4941.	0.	231556.	15709.
1977	7	.96	5795.	17631.	1406.	675478.	5700.	14342.	12182.	0.	5602.	0.	212137.	650.
1977	8	.91	2698.	19358.	1406.	656819.	1209.	14328.	13052.	0.	5597.	0.	187373.	650.
1977	9	.86	3541.	14600.	1406.	643760.	527.	11714.	6802.	21962.	4575.	0.	148828.	21075.
1977	10	.83	8591.	10306.	1406.	640045.	3676.	11378.	2891.	12425.	4444.	0.	127215.	12206.
1977	11	.83	9593.	6372.	1406.	641267.	11486.	10414.	3799.	1002.	4068.	0.	124892.	1582.
1977	12	.81	5980.	7100.	1406.	638147.	3162.	10330.	4281.	1038.	4035.	0.	113811.	1615.
1978	1	.81	5806.	2202.	1406.	639751.	3460.	10120.	418.	1126.	3953.	0.	107013.	1697.
1978	2	.80	4363.	2448.	1406.	639666.	2605.	9282.	938.	1478.	3625.	0.	99325.	2025.
1978	3	.77	3175.	9265.	1406.	631576.	2511.	11253.	4545.	6564.	4395.	0.	80881.	6755.
1978	4	.74	2327.	7740.	1406.	624163.	2825.	11784.	2557.	10642.	4603.	0.	60129.	10547.
1978	5	.68	2174.	10524.	4217.	609815.	6305.	12189.	2977.	32515.	4761.	0.	22970.	30889.
1978	6	.77	61248.	8529.	1406.	660534.	60626.	12651.	1887.	16192.	4941.	0.	54273.	15709.
1978	7	.74	1979.	15628.	1406.	644885.	5918.	14342.	5300.	0.	5602.	0.	41954.	650.
1978	8	.81	53621.	10051.	1406.	686455.	42129.	14328.	4181.	0.	5597.	0.	66980.	650.
1978	9	.85	22565.	3603.	11321.	689314.	49909.	11714.	108.	21962.	4575.	0.	94426.	21075.
1978	10	.81	1915.	7945.	1406.	681284.	704.	11378.	2286.	12425.	4444.	0.	70446.	12206.
1978	11	.80	2640.	3059.	1406.	678865.	5503.	10414.	1737.	1002.	4068.	0.	64201.	1582.
1978	12	.79	2510.	3559.	1406.	675817.	1894.	10330.	1161.	1038.	4035.	0.	54972.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1979	1	.79	5066.	254.	1406.	678629.	7516.	10120.	-783.	1126.	3953.	0.	53432.	1697.
1979	2	.78	3035.	2035.	1406.	677628.	2342.	9282.	147.	1478.	3625.	0.	46273.	2025.
1979	3	.77	11232.	5604.	1406.	681256.	32.	11253.	905.	6564.	4395.	0.	28989.	6755.
1979	4	.81	31868.	1544.	15653.	689314.	40147.	11784.	69.	10642.	4603.	0.	62294.	10547.
1979	5	.79	10600.	6433.	2929.	689314.	20246.	12189.	818.	32515.	4761.	0.	39947.	30889.
1979	6	.98	79525.	7720.	50479.	689314.	162327.	12651.	6606.	16192.	4941.	0.	217304.	15709.
1979	7	.96	9577.	10023.	1406.	686868.	5125.	14342.	2195.	0.	5602.	0.	207298.	650.
1979	8	.93	2451.	13767.	1406.	673552.	4652.	14328.	8492.	0.	5597.	0.	190536.	650.
1979	9	.89	1561.	9325.	1406.	663788.	1445.	11714.	-340.	21962.	4575.	0.	160051.	21075.
1979	10	.84	962.	14188.	1406.	648561.	2473.	11378.	8352.	12425.	4444.	0.	131774.	12206.
1979	11	.82	1113.	7625.	1406.	640049.	0.	10414.	5214.	1002.	4068.	0.	116550.	1582.
1979	12	.80	2612.	3668.	1406.	636993.	3972.	10330.	2376.	1038.	4035.	0.	108184.	1615.
1980	1	.80	3083.	1465.	1406.	636612.	0.	10120.	-3579.	1126.	3953.	0.	101922.	1697.
1980	2	.78	1479.	3653.	1406.	632438.	0.	9282.	1262.	1478.	3625.	0.	91307.	2025.
1980	3	.75	538.	7740.	1406.	623236.	0.	11253.	3320.	6564.	4395.	0.	71576.	6755.
1980	4	.71	246.	11001.	1406.	610481.	0.	11784.	3811.	10642.	4603.	0.	46746.	10547.
1980	5	.89	96850.	3982.	9867.	689314.	129578.	12189.	2423.	32515.	4761.	0.	139063.	30889.
1980	6	.87	8591.	18923.	1406.	676982.	30987.	12651.	11587.	16192.	4941.	0.	131027.	15709.
1980	7	.82	9.	20356.	1406.	654635.	3035.	14342.	12537.	0.	5602.	0.	108589.	650.
1980	8	.99	36246.	8308.	1406.	680573.	314054.	14328.	-385.	0.	5597.	172633.	237473.	161199.
1980	9	.99	17144.	8445.	1406.	687271.	20357.	11714.	-953.	21962.	4575.	0.	226514.	21075.
1980	10	.95	9251.	10256.	1406.	684266.	371.	11378.	8347.	12425.	4444.	0.	196139.	12206.
1980	11	.93	820.	2555.	1406.	680531.	735.	10414.	1402.	1002.	4068.	0.	185462.	1582.
1980	12	.92	735.	3562.	1406.	675705.	4956.	10330.	3258.	1038.	4035.	0.	177198.	1615.
1981	1	.91	1607.	1521.	1406.	673790.	1363.	10120.	-847.	1126.	3953.	0.	169567.	1697.
1981	2	.90	822.	2781.	1406.	669831.	1081.	9282.	332.	1478.	3625.	0.	160962.	2025.
1981	3	.88	1980.	3526.	1406.	666285.	2304.	11253.	1439.	6564.	4395.	0.	145416.	6755.
1981	4	.87	20377.	4051.	1406.	680611.	2124.	11784.	3603.	10642.	4603.	0.	122917.	10547.
1981	5	1.00	45909.	3603.	23623.	689314.	169403.	12189.	-2861.	0.	4761.	36628.	237473.	34714.
1981	6	1.00	130166.	4117.	88612.	689314.	350103.	12651.	-5390.	0.	4941.	415263.	237473.	386844.
1981	7	1.00	29639.	11837.	12515.	689314.	139864.	14342.	2888.	0.	5602.	135149.	237473.	126339.
1981	8	.99	5895.	10515.	1406.	682694.	16755.	14328.	4027.	0.	5597.	0.	237280.	650.
1981	9	.98	5402.	11707.	1406.	674389.	67608.	11714.	10203.	0.	4575.	24942.	237473.	23846.
1981	10	1.00	52596.	4375.	23407.	689314.	73254.	11378.	193.	0.	4444.	72665.	237473.	68228.
1981	11	1.00	7109.	6941.	1406.	687482.	43940.	10414.	6160.	0.	4068.	27769.	237473.	26475.
1981	12	.99	5966.	5646.	1406.	685802.	9648.	10330.	3821.	1038.	4035.	0.	233338.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1982	1	.98	6079.	5892.	1406.	683989.	8731.	10120.	5101.	1126.	3953.	0.	227127.	1697.
1982	2	.99	5391.	513.	1406.	686867.	9721.	9282.	-189.	1478.	3625.	0.	227683.	2025.
1982	3	.97	5040.	5384.	1406.	684523.	9631.	11253.	3912.	6564.	4395.	0.	216992.	6755.
1982	4	.95	4327.	3583.	1406.	683267.	4747.	11784.	2717.	10642.	4603.	0.	198002.	10547.
1982	5	1.00	13401.	4619.	1923.	689314.	95645.	12189.	-564.	18559.	4761.	13956.	237473.	30889.
1982	6	.97	4917.	11529.	1406.	680702.	14920.	12651.	10622.	16192.	4941.	0.	214334.	15709.
1982	7	.92	2858.	20209.	1406.	661351.	2304.	14342.	15186.	0.	5602.	0.	188516.	650.
1982	8	.87	1687.	17361.	1406.	643677.	3035.	14328.	13437.	0.	5597.	0.	165192.	650.
1982	9	.82	1809.	12699.	1406.	630788.	7407.	11714.	10083.	21962.	4575.	0.	130246.	21075.
1982	10	.82	12674.	244.	1406.	641218.	14384.	11378.	4350.	12425.	4444.	0.	117882.	12206.
1982	11	.81	705.	2692.	1406.	637231.	6182.	10414.	2396.	1002.	4068.	0.	111658.	1582.
1982	12	.79	1341.	5113.	1406.	631459.	4029.	10330.	3287.	1038.	4035.	0.	102439.	1615.
1983	1	.78	1733.	2909.	1406.	628283.	0.	10120.	2010.	1126.	3953.	0.	90589.	1697.
1983	2	.77	2170.	0.	1406.	628453.	525.	9282.	-230.	1478.	3625.	0.	81990.	2025.
1983	3	.75	2359.	2418.	1406.	626395.	7519.	11253.	1942.	6564.	4395.	0.	71156.	6755.
1983	4	.71	670.	11516.	1406.	613549.	139.	11784.	3948.	10642.	4603.	0.	46327.	10547.
1983	5	.65	0.	7724.	18658.	579284.	4561.	12189.	2263.	32515.	4761.	0.	22580.	30889.
1983	6	.61	9527.	8540.	29263.	538644.	0.	12651.	0.	16192.	4941.	0.	23000.	15709.
1983	7	.58	321.	10418.	12254.	511116.	3608.	14342.	1801.	0.	5602.	0.	22720.	650.
1983	8	.55	39.	10138.	9991.	486806.	6850.	14328.	2517.	0.	5597.	0.	22716.	650.
1983	9	.59	16923.	7118.	1406.	494610.	65388.	11714.	1878.	21962.	4575.	0.	53956.	21075.
1983	10	.58	659.	5029.	1406.	488241.	18722.	11378.	1630.	12425.	4444.	0.	48650.	12206.
1983	11	.57	73.	3539.	1406.	482774.	8509.	10414.	2145.	1002.	4068.	0.	45003.	1582.
1983	12	.55	49.	3725.	1406.	477098.	0.	10330.	1118.	1038.	4035.	0.	33923.	1615.
1984	1	.55	0.	1236.	1406.	473863.	7603.	10120.	-56.	1126.	3953.	0.	31741.	1697.
1984	2	.53	0.	4507.	1173.	467686.	1996.	9282.	1152.	1478.	3625.	0.	23000.	2025.
1984	3	.50	0.	6826.	16577.	437280.	2538.	11253.	1678.	6564.	4395.	0.	22619.	6755.
1984	4	.45	0.	9159.	24108.	393829.	0.	11784.	2194.	10642.	4603.	0.	22107.	10547.
1984	5	.38	0.	7926.	39766.	329337.	7077.	12189.	2138.	32515.	4761.	0.	22108.	30889.
1984	6	.34	0.	10165.	17418.	294396.	13595.	12651.	1737.	16192.	4941.	0.	22541.	15709.
1984	7	.33	19.	8771.	4308.	279516.	12735.	14342.	2311.	0.	5602.	0.	22930.	650.
1984	8	.29	0.	11105.	13511.	249193.	3304.	14328.	2881.	0.	5597.	0.	22536.	650.
1984	9	.23	0.	7772.	33747.	193417.	1469.	11714.	1829.	21962.	4575.	0.	22247.	21075.
1984	10	.31	59683.	908.	1406.	250192.	34076.	11378.	-708.	12425.	4444.	0.	34633.	12206.
1984	11	.30	0.	2098.	1406.	246094.	12534.	10414.	986.	1002.	4068.	0.	36171.	1582.
1984	12	.30	0.	1108.	1406.	242987.	5161.	10330.	451.	1038.	4035.	0.	30919.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1985	1	.33	27754.	428.	1406.	268312.	12265.	10120.	-726.	1126.	3953.	0.	34070.	1697.
1985	2	.32	1210.	1031.	1406.	266491.	3646.	9282.	-380.	1478.	3625.	0.	28742.	2025.
1985	3	.32	3654.	1029.	1406.	267116.	20293.	11253.	472.	6564.	4395.	0.	32152.	6755.
1985	4	.36	6998.	1479.	1406.	270635.	51955.	11784.	-3827.	10642.	4603.	0.	66914.	10547.
1985	5	.42	5492.	2825.	1406.	271303.	96893.	12189.	736.	32515.	4761.	0.	119773.	30889.
1985	6	.45	2759.	-2990.	1406.	275052.	49767.	12651.	2225.	16192.	4941.	0.	139878.	15709.
1985	7	.47	8911.	8397.	1406.	273566.	43836.	14342.	9859.	0.	5602.	0.	160920.	650.
1985	8	.43	687.	11336.	1406.	260916.	1569.	14328.	11816.	0.	5597.	0.	137751.	650.
1985	9	.41	21947.	3109.	1406.	277755.	0.	11714.	4283.	21962.	4575.	0.	101198.	21075.
1985	10	.54	71023.	2095.	1406.	344683.	74059.	11378.	147.	12425.	4444.	0.	152712.	12206.
1985	11	.64	8123.	-1551.	1406.	352357.	108345.	10414.	-719.	0.	4068.	14293.	237473.	13942.
1985	12	.63	551.	2421.	1406.	348487.	13395.	10330.	3454.	1038.	4035.	0.	237452.	1615.
1986	1	.61	1274.	2406.	1406.	345355.	0.	10120.	3599.	1126.	3953.	0.	224014.	1697.
1986	2	.60	0.	3752.	1406.	339603.	6277.	9282.	2049.	1478.	3625.	0.	218888.	2025.
1986	3	.57	0.	6734.	1406.	330869.	0.	11253.	7737.	6564.	4395.	0.	194740.	6755.
1986	4	.53	0.	5475.	1406.	323394.	1478.	11784.	6330.	10642.	4603.	0.	168867.	10547.
1986	5	.48	1410.	1809.	1406.	320995.	1039.	12189.	4354.	32515.	4761.	0.	122254.	30889.
1986	6	.52	39629.	-2040.	1406.	360664.	32572.	12651.	2757.	16192.	4941.	0.	124633.	15709.
1986	7	.49	1416.	12357.	1406.	347723.	2372.	14342.	11596.	0.	5602.	0.	102473.	650.
1986	8	.45	1204.	11745.	1406.	335182.	1339.	14328.	6889.	0.	5597.	0.	84002.	650.
1986	9	.41	10707.	9588.	1406.	334302.	0.	11714.	3129.	21962.	4575.	0.	48603.	21075.
1986	10	.47	64227.	-1064.	1406.	397593.	11889.	11378.	921.	12425.	4444.	0.	37173.	12206.
1986	11	.47	2730.	2229.	1406.	396094.	14966.	10414.	251.	1002.	4068.	0.	41878.	1582.
1986	12	.52	31026.	-2277.	1406.	427397.	22184.	10330.	-577.	1038.	4035.	0.	54677.	1615.
1987	1	.53	11204.	1560.	1406.	435041.	10990.	10120.	549.	1126.	3953.	0.	55278.	1697.
1987	2	.54	5537.	-2166.	1406.	440743.	14970.	9282.	-1588.	1478.	3625.	0.	62482.	2025.
1987	3	.54	8485.	4157.	1406.	443071.	15039.	11253.	2091.	6564.	4395.	0.	59020.	6755.
1987	4	.51	5701.	7515.	1406.	439257.	0.	11784.	1204.	10642.	4603.	0.	36796.	10547.
1987	5	.49	17295.	2358.	14426.	433674.	15801.	12189.	-842.	32515.	4761.	0.	23160.	30889.
1987	6	1.00	495187.	-3832.	171095.	689314.	131940.	12651.	-6992.	0.	4941.	66871.	237473.	62840.
1987	7	1.00	78727.	12609.	46481.	689314.	70508.	14342.	8085.	0.	5602.	94561.	237473.	88592.
1987	8	.98	20346.	17756.	1821.	689314.	10754.	14328.	13117.	0.	5597.	0.	222603.	650.
1987	9	.96	11981.	10292.	1406.	689003.	18292.	11714.	8884.	21962.	4575.	0.	199741.	21075.
1987	10	.92	6306.	14332.	1406.	678977.	5964.	11378.	5044.	12425.	4444.	0.	178262.	12206.
1987	11	.92	7847.	4840.	1406.	679984.	7328.	10414.	1699.	1002.	4068.	0.	173882.	1582.
1987	12	.91	8261.	3828.	1406.	682417.	3887.	10330.	2843.	1038.	4035.	0.	164964.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.91	8310.	4603.	1406.	684123.	2732.	10120.	2447.	1126.	3953.	0.	155409.	1697.
1988	2	.90	7609.	4099.	1406.	685634.	783.	9282.	2058.	1478.	3625.	0.	144781.	2025.
1988	3	.87	6073.	6657.	1406.	683050.	921.	11253.	4209.	6564.	4395.	0.	125082.	6755.
1988	4	.84	3392.	6884.	1406.	677558.	2546.	11784.	5573.	10642.	4603.	0.	101035.	10547.
1988	5	.79	6383.	5590.	1406.	676351.	0.	12189.	3486.	32515.	4761.	0.	54251.	30889.
1988	6	.75	8164.	13673.	306.	670407.	0.	12651.	2661.	16192.	4941.	0.	23054.	15709.
1988	7	.74	23420.	11300.	16071.	659666.	0.	14342.	2248.	0.	5602.	0.	22534.	650.
1988	8	.71	5157.	15027.	12488.	632032.	4366.	14328.	2430.	0.	5597.	0.	22630.	650.
1988	9	.66	724.	9492.	25561.	586905.	8559.	11714.	128.	21962.	4575.	0.	22946.	21075.
1988	10	.62	2390.	8640.	20073.	552101.	4748.	11378.	1431.	12425.	4444.	0.	22532.	12206.
1988	11	.61	0.	8200.	3747.	538571.	9671.	10414.	1585.	1002.	4068.	0.	22949.	1582.
1988	12	.61	0.	5482.	1406.	531089.	18030.	10330.	848.	1038.	4035.	0.	30169.	1615.
1989	1	.61	2578.	655.	1406.	531012.	15243.	10120.	333.	1126.	3953.	0.	35238.	1697.
1989	2	.60	4085.	2620.	1406.	530476.	4197.	9282.	1607.	1478.	3625.	0.	28475.	2025.
1989	3	.59	6267.	6739.	5443.	522262.	9523.	11253.	2733.	6564.	4395.	0.	22891.	6755.
1989	4	.57	11752.	6008.	15708.	505661.	8649.	11784.	2283.	10642.	4603.	0.	22539.	10547.
1989	5	.51	7638.	13649.	32811.	452977.	14432.	12189.	3448.	32515.	4761.	0.	21631.	30889.
1989	6	.49	8904.	11123.	10555.	435743.	22324.	12651.	3020.	16192.	4941.	0.	22647.	15709.
1989	7	.50	6907.	13850.	1406.	426800.	31430.	14342.	4305.	0.	5602.	0.	36837.	650.
1989	8	.50	6922.	12342.	1406.	419379.	27912.	14328.	5513.	0.	5597.	0.	46314.	650.
1989	9	.46	154.	10459.	1490.	406956.	13373.	11714.	4379.	21962.	4575.	0.	23122.	21075.
1989	10	.44	1903.	7051.	11514.	385430.	13532.	11378.	1599.	12425.	4444.	0.	22765.	12206.
1989	11	.44	1288.	2912.	2012.	380944.	10846.	10414.	1221.	1002.	4068.	0.	22986.	1582.
1989	12	.44	74.	0.	499.	380308.	11438.	10330.	554.	1038.	4035.	0.	23000.	1615.

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.034$	.073$	.068$	.069$	.105$	.172$	.169$	.092$	.086$	.061$	.037$	
MAX $	6377.$	7958.$	10060.$	11516.$	13649.$	18923.$	20356.$	19358.$	15826.$	14332.$	8795.$	8227.$	108086.$
MIN $	-6433.$	-3825.$	257.$	-5147.$	-6926.$	-12867.$	-3345.$	386.$	-19300.$	-5147.$	-2455.$	-15946.$	12666.$
MEAN $	2356.$	2416.$	5149.$	4787.$	4884.$	7403.$	12121.$	11932.$	6511.$	6028.$	4301.$	2621.$	70509.$
GMEAN $	969.$	566.$	4016.$	2373.$	1291.$	2974.$	9474.$	10528.$	2536.$	2471.$	2437.$	658.$	64400.$
MEDIAN$	2373.$	2481.$	5735.$	5186.$	4903.$	7516.$	12384.$	12696.$	7247.$	6047.$	4369.$	3383.$	73774.$
STDDEV$	2433.5$	2507.1$	2490.0$	3550.3$	4113.5$	5592.0$	4882.3$	4520.0$	6316.1$	4466.3$	2831.3$	3617.9$	23767.6$
SKEW $	-.02$	-.08$	-.71$	-.34$	-.01$	-.06$	-.16$	-.51$	-.35$	-.01$	-.07$	-.63$	-.41$
CCR RELEASE-ADJ													
PER % $	.033$	.040$	.038$	.077$	.122$	.226$	.117$	.046$	.125$	.115$	.034$	.026$	
MAX $	13387.$	30519.$	18407.$	77976.$	98323.$	395159.$	100204.$	58967.$	74360.$	83719.$	25840.$	14641.$	598496.$
MIN $	704.$	1173.$	1406.$	1406.$	1406.$	306.$	1406.$	0.$	1406.$	1406.$	1406.$	499.$	16872.$
MEAN $	2671.$	3233.$	3103.$	6268.$	9870.$	18309.$	9518.$	3746.$	10106.$	9334.$	2779.$	2076.$	81014.$
GMEAN $	1880.$	2007.$	1937.$	2379.$	3298.$	3540.$	2899.$	1847.$	3125.$	2975.$	1840.$	1652.$	47714.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	34288.$
STDDEV$	3140.0$	4809.9$	4563.9$	13841.8$	18136.1$	57231.7$	20424.9$	8046.5$	19085.3$	18002.2$	4517.1$	2363.7$	97370.8$
SKEW $	1.21$	1.14$	1.12$	1.05$	1.40$	.89$	1.19$	.87$	1.37$	1.32$	.91$	.85$	1.44$
CCR E-O-M													
PER % $	.084$	.084$	.083$	.083$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	8238326.$
MIN $	12080.$	14814.$	12497.$	16703.$	52669.$	13444.$	3415.$	6331.$	4714.$	9831.$	15951.$	13706.$	610815.$
MEAN $	553528.$	552434.$	546347.$	544771.$	550641.$	555566.$	547560.$	543250.$	548793.$	551235.$	548128.$	546699.$	6588951.$
GMEAN $	485075.$	483767.$	475108.$	477982.$	492062.$	483232.$	459179.$	459931.$	473339.$	483121.$	483680.$	480816.$	5931822.$
MEDIAN$	630695.$	628423.$	624815.$	612015.$	622919.$	654062.$	644504.$	640332.$	624452.$	618370.$	610891.$	628361.$	7581102.$
STDDEV$	175277.1$	177527.5$	179492.1$	179883.9$	180619.9$	184378.4$	188303.7$	189485.7$	178534.3$	175159.6$	174930.2$	175625.5$	2076158.0$
SKEW $	-1.32$	-1.28$	-1.31$	-1.12$	-1.20$	-1.60$	-1.54$	-1.54$	-1.27$	-1.15$	-1.08$	-1.39$	-1.43$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.075$	.074$	
MAX $	3953.$	3625.$	4395.$	4603.$	4761.$	4941.$	5602.$	5597.$	4575.$	4444.$	4068.$	4035.$	54600.$
MIN $	3953.$	3625.$	4395.$	4603.$	4761.$	4941.$	5602.$	5597.$	4575.$	4444.$	4068.$	4035.$	54600.$
MEAN $	3953.$	3625.$	4395.$	4603.$	4761.$	4941.$	5602.$	5597.$	4575.$	4444.$	4068.$	4035.$	54600.$

GMEAN $	3953.$	3625.$	4395.$	4603.$	4761.$	4941.$	5602.$	5596.$	4575.$	4444.$	4068.$	4035.$	54600.$
MEDIAN$	3953.$	3625.$	4395.$	4603.$	4761.$	4941.$	5602.$	5597.$	4575.$	4444.$	4068.$	4035.$	54600.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.074$	.074$	
MAX $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
MIN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
MEAN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
GMEAN $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11379.$	10414.$	10330.$	139785.$
MEDIAN$	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.031$	.079$	.069$	.055$	.091$	.190$	.178$	.078$	.076$	.078$	.046$	
MAX $	5101.$	6022.$	7737.$	7835.$	8767.$	11587.$	15186.$	14061.$	10958.$	8352.$	7178.$	6714.$	71007.$
MIN $	-6160.$	-7192.$	-2494.$	-4747.$	-5583.$	-21906.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	4256.$
MEAN $	1100.$	1149.$	2971.$	2616.$	2074.$	3420.$	7156.$	6692.$	2929.$	2870.$	2936.$	1732.$	37646.$
GMEAN $	221.$	304.$	1740.$	1197.$	428.$	1511.$	4814.$	3995.$	667.$	963.$	1320.$	618.$	34243.$
MEDIAN$	1360.$	1362.$	2890.$	3032.$	2653.$	3662.$	7053.$	6606.$	3637.$	2968.$	2502.$	1830.$	35597.$
STDDEV$	2097.0$	2378.5$	1988.3$	2590.7$	3056.6$	4806.2$	4463.7$	4150.4$	5270.9$	3777.3$	2413.1$	2294.6$	14917.5$
SKEW $	-.37$	-.27$	.12$	-.48$	-.57$	-.15$	.07$	.06$	-.40$	-.08$	.54$	-.13$	.41$
LCC RELEASE													
PER % $	.012$	.016$	.076$	.115$	.303$	.151$	.000$	.000$	.200$	.107$	.010$	.011$	
MAX $	1126.$	1478.$	6564.$	10642.$	32515.$	16192.$	0.$	0.$	21962.$	12425.$	1002.$	1038.$	104945.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	12139.$
MEAN $	985.$	1320.$	6330.$	9519.$	25080.$	12463.$	0.$	0.$	16513.$	8875.$	797.$	889.$	82770.$
GMEAN $	468.$	676.$	4796.$	4452.$	3445.$	1986.$	1.$	1.$	2072.$	840.$	255.$	385.$	75315.$
MEDIAN$	1126.$	1478.$	6564.$	10642.$	32515.$	16192.$	0.$	0.$	21962.$	12425.$	1002.$	1038.$	90684.$
STDDEV$	372.3$	457.1$	1218.2$	3245.6$	13319.7$	6645.6$	.0$	.0$	9442.7$	5613.2$	399.4$	363.1$	26856.2$
SKEW $	-1.13$	-1.04$	-.58$	-1.04$	-1.67$	-1.68$	.10$	.10$	-1.73$	-1.90$	-1.55$	-1.22$	-.88$
LCC UNCTRL SPILLS													
PER % $	.034$	.027$	.010$	.032$	.098$	.185$	.103$	.050$	.220$	.188$	.044$	.011$	
MAX $	224880.$	280698.$	148109.$	246091.$	472735.$	1549453.$	421391.$	464788.$	1177700.$	888217.$	258100.$	103194.$	2271679.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	9788.$	7891.$	2830.$	9267.$	28426.$	53867.$	29920.$	14584.$	63970.$	54752.$	12748.$	3312.$	291355.$

GMEAN $	4.$	3.$	1.$	3.$	16.$	17.$	17.$	6.$	19.$	28.$	9.$	4.$	3092.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	80287.$
STDDEV$	37044.2$	38688.0$	19637.6$	38476.9$	80911.1$	215724.2$	78449.8$	66310.3$	189333.2$	148532.8$	42706.8$	15047.4$	491887.6$
SKEW $	.79$	.61$	.43$	.72$	1.05$	.75$	1.14$	.66$	1.01$	1.11$	.90$	.66$	1.29$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.085$	.082$	.077$	.074$	.076$	.085$	.088$	.087$	.087$	.087$	.087$	.085$	
MAX $	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	2793570.$
MIN $	22859.$	22840.$	22574.$	22107.$	21631.$	22073.$	14863.$	20640.$	22247.$	22080.$	22766.$	22873.$	291163.$
MEAN $	149774.$	144091.$	135869.$	130907.$	133809.$	149589.$	155116.$	153927.$	154286.$	154183.$	153159.$	149463.$	1764172.$
GMEAN $	120716.$	114636.$	108763.$	104551.$	99989.$	113758.$	120026.$	121438.$	123139.$	124058.$	121942.$	119544.$	1550164.$
MEDIAN$	153792.$	152872.$	140712.$	130539.$	123589.$	152125.$	186927.$	188235.$	167193.$	173148.$	168880.$	160325.$	1963736.$
STDDEV$	74859.7$	74848.6$	72340.2$	71841.7$	82633.0$	82373.6$	80556.2$	78919.5$	76403.0$	77003.9$	77529.9$	75866.0$	715426.9$
SKEW $	-.16$	-.35$	-.20$	.02$	.37$	-.09$	-1.18$	-1.30$	-.51$	-.74$	-.61$	-.43$	-.84$
TOTAL INFLOW TO THE BAY													
PER % $	.030$	.026$	.026$	.051$	.142$	.175$	.080$	.040$	.212$	.168$	.037$	.013$	
MAX $	209788.$	261699.$	138392.$	229514.$	440294.$	1441641.$	392543.$	432903.$	1095911.$	826692.$	240683.$	96620.$	2131750.$
MIN $	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
MEAN $	10669.$	9216.$	9169.$	18120.$	50410.$	62336.$	28476.$	14213.$	75499.$	59823.$	13247.$	4557.$	355736.$
GMEAN $	2522.$	2713.$	7183.$	12446.$	37988.$	23842.$	2099.$	1189.$	32655.$	22434.$	2828.$	2064.$	220740.$
MEDIAN$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	149293.$
STDDEV$	34209.9$	35731.2$	17430.7$	33723.4$	67809.1$	197814.8$	72958.3$	61668.5$	171042.1$	135159.6$	39497.4$	13815.0$	440500.3$
SKEW $	.79$	.60$	.42$	.67$	.86$	.71$	1.14$	.66$	.95$	1.06$	.89$	.64$	1.41$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.075$	.074$	
MAX $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MIN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MEAN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
GMEAN $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MEDIAN$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI						B & E	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75379.$	34139.$	659511.$	323703.$	139785.$	44117.$	102341.$	54600.$	98845.$	207624.$	194903.$
1935$	899837.$	18687.$	598496.$	689314.$	1971228.$	139785.$	28033.$	12139.$	54600.$	2271679.$	232906.$	2131750.$
1936$	282578.$	46375.$	166050.$	689314.$	749398.$	139785.$	25361.$	19810.$	54600.$	640791.$	237473.$	622160.$
1937$	66555.$	84773.$	21698.$	640232.$	128035.$	139785.$	41149.$	104945.$	54600.$	0.$	101327.$	105398.$
1938$	95147.$	102882.$	22003.$	601198.$	325114.$	139785.$	60998.$	94302.$	54600.$	28872.$	113845.$	122352.$
1939$	76749.$	84067.$	16872.$	569880.$	269616.$	139785.$	49080.$	104945.$	54600.$	0.$	106523.$	105398.$
1940$	208894.$	65068.$	19836.$	685490.$	779993.$	139785.$	41939.$	87715.$	54600.$	382210.$	237473.$	444830.$
1941$	446252.$	34042.$	294766.$	678403.$	994963.$	139785.$	18504.$	22155.$	54600.$	1052624.$	211344.$	1007345.$
1942$	342179.$	55379.$	205439.$	672971.$	945113.$	139785.$	30430.$	70557.$	54600.$	873883.$	212854.$	886130.$
1943$	71937.$	88250.$	16872.$	632658.$	161056.$	139785.$	47210.$	104945.$	54600.$	0.$	98842.$	105398.$
1944$	131110.$	74297.$	16872.$	665471.$	630193.$	139785.$	42030.$	82983.$	54600.$	262873.$	196275.$	329446.$
1945$	107492.$	90681.$	16872.$	658282.$	447692.$	139785.$	58004.$	81877.$	54600.$	149763.$	208343.$	223225.$
1946$	323039.$	57769.$	172631.$	677989.$	1010103.$	139785.$	33862.$	21850.$	54600.$	895645.$	216841.$	861071.$
1947$	36172.$	88033.$	16872.$	602128.$	279647.$	139785.$	52952.$	72430.$	54600.$	67909.$	147769.$	138315.$
1948$	42109.$	86722.$	33072.$	510472.$	115220.$	139785.$	28350.$	104945.$	54600.$	0.$	22981.$	105398.$
1949$	218812.$	57309.$	32839.$	625263.$	757726.$	139785.$	42010.$	45595.$	54600.$	334226.$	192580.$	361034.$
1950$	20676.$	98795.$	16872.$	523143.$	188694.$	139785.$	66232.$	104945.$	54600.$	0.$	87185.$	105398.$
1951$	153199.$	81861.$	17573.$	569484.$	338469.$	139785.$	39832.$	104945.$	54600.$	0.$	158666.$	105398.$
1952$	32784.$	84460.$	16872.$	493808.$	143335.$	139785.$	41359.$	104945.$	54600.$	0.$	32784.$	105398.$
1953$	256286.$	72391.$	73327.$	573397.$	468874.$	139785.$	21507.$	69555.$	54600.$	84241.$	224508.$	150830.$
1954$	34820.$	106681.$	16872.$	477536.$	226784.$	139785.$	71007.$	104945.$	54600.$	8777.$	143651.$	113561.$
1955$	39869.$	108086.$	44884.$	345473.$	116167.$	139785.$	37100.$	104945.$	54600.$	0.$	22873.$	105398.$
1956$	53601.$	61840.$	144641.$	131486.$	123426.$	139785.$	20184.$	104945.$	54600.$	0.$	26026.$	105398.$
1957$	423638.$	51378.$	32467.$	457563.$	1248395.$	139785.$	42123.$	23168.$	54600.$	793833.$	226203.$	767611.$
1958$	465123.$	53591.$	126386.$	689314.$	1254231.$	139785.$	25362.$	81311.$	54600.$	1099256.$	237473.$	1105727.$
1959$	129998.$	89201.$	34437.$	681125.$	357269.$	139785.$	52303.$	90889.$	54600.$	101596.$	230550.$	186812.$
1960$	92022.$	60132.$	16872.$	689015.$	415631.$	139785.$	26744.$	90479.$	54600.$	154107.$	237473.$	235265.$
1961$	120225.$	76509.$	66490.$	638152.$	243964.$	139785.$	54873.$	102341.$	54600.$	86154.$	162170.$	183101.$
1962$	9206.$	98326.$	83038.$	430912.$	55431.$	139785.$	32950.$	104945.$	54600.$	0.$	22959.$	105398.$
1963$	29202.$	64131.$	134374.$	204839.$	144897.$	139785.$	30415.$	104945.$	54600.$	0.$	27086.$	105398.$
1964$	24178.$	12666.$	142536.$	13706.$	431593.$	139785.$	23073.$	92519.$	54600.$	120189.$	213223.$	205619.$
1965$	87626.$	15527.$	16872.$	61805.$	231794.$	139785.$	56518.$	64976.$	54600.$	49912.$	110730.$	114646.$
1966$	79291.$	17670.$	16872.$	99426.$	307657.$	139785.$	30276.$	85632.$	54600.$	19313.$	140941.$	105398.$
1967$	393605.$	23614.$	36059.$	418124.$	1678502.$	139785.$	25469.$	68517.$	54600.$	1347831.$	237473.$	1325003.$
1968$	259911.$	55830.$	16872.$	598205.$	489310.$	139785.$	43738.$	69826.$	54600.$	296805.$	158382.$	348767.$
1969$	76660.$	74381.$	16872.$	576484.$	269846.$	139785.$	27611.$	104945.$	54600.$	0.$	172760.$	105398.$
1970$	89373.$	66766.$	16872.$	575091.$	310579.$	139785.$	50201.$	88752.$	54600.$	61738.$	143542.$	147756.$
1971$	462165.$	74335.$	192345.$	689314.$	2266411.$	139785.$	16937.$	68517.$	54600.$	2103158.$	237473.$	2027458.$
1972$	65740.$	71706.$	17274.$	658775.$	254041.$	139785.$	39284.$	71304.$	54600.$	76333.$	148442.$	145103.$
1973$	333411.$	64095.$	169145.$	687486.$	836351.$	139785.$	4256.$	52325.$	54600.$	667480.$	237473.$	677219.$

1974$	169235.$	82307.$	59825.$	689314.$	306638.$	139785.$	39385.$	76419.$	54600.$	99419.$	220402.$	171329.$
1975$	150332.$	86776.$	64887.$	660569.$	306447.$	139785.$	60049.$	88752.$	54600.$	124974.$	161984.$	206566.$
1976$	281523.$	72149.$	126982.$	689314.$	759640.$	139785.$	14802.$	68517.$	54600.$	551601.$	237473.$	584510.$
1977$	235577.$	100841.$	130690.$	638147.$	388753.$	139785.$	63275.$	59184.$	54600.$	335101.$	113811.$	374485.$
1978$	164323.$	84551.$	29598.$	675817.$	184389.$	139785.$	28095.$	104945.$	54600.$	0.$	54972.$	105398.$
1979$	159602.$	82187.$	81715.$	636993.$	250277.$	139785.$	34051.$	104945.$	54600.$	0.$	108184.$	105398.$
1980$	174992.$	100245.$	25333.$	675705.$	504073.$	139785.$	43029.$	104945.$	54600.$	172633.$	177198.$	265947.$
1981$	307468.$	70621.$	159405.$	685802.$	877447.$	139785.$	23567.$	20848.$	54600.$	712415.$	233338.$	689735.$
1982$	60229.$	89837.$	17389.$	631459.$	180736.$	139785.$	70338.$	90988.$	54600.$	13956.$	102439.$	105398.$
1983$	34523.$	73074.$	81414.$	477098.$	115821.$	139785.$	21022.$	104945.$	54600.$	0.$	33923.$	105398.$
1984$	59702.$	71580.$	156230.$	242987.$	102088.$	139785.$	16593.$	104945.$	54600.$	0.$	30919.$	105398.$
1985$	159109.$	29609.$	16872.$	348487.$	476023.$	139785.$	27340.$	103942.$	54600.$	14293.$	237452.$	117758.$
1986$	153623.$	50713.$	16872.$	427397.$	94116.$	139785.$	49034.$	104945.$	54600.$	0.$	54677.$	105398.$
1987$	676877.$	73250.$	245071.$	682417.$	305473.$	139785.$	34095.$	88752.$	54600.$	161433.$	164964.$	240472.$
1988$	71622.$	99648.$	86681.$	531089.$	52356.$	139785.$	29103.$	104945.$	54600.$	0.$	30169.$	105398.$
1989$	58472.$	87409.$	85656.$	380308.$	182899.$	139785.$	30994.$	104945.$	54600.$	0.$	23000.$	105398.$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	89085.$	4140.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	194903.$
1935$	1697.$	2025.$	6755.$	10547.$	140826.$	1441641.$	88877.$	97647.$	310776.$	27762.$	1582.$	1615.$	2131750.$
1936$	1697.$	2025.$	6755.$	10547.$	33256.$	22768.$	306094.$	650.$	83656.$	144280.$	8266.$	2167.$	622160.$
1937$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1938$	1697.$	2025.$	6755.$	27501.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	122352.$
1939$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1940$	1697.$	2025.$	6755.$	10547.$	30889.$	114610.$	211293.$	30081.$	21075.$	12206.$	1582.$	2071.$	444830.$
1941$	1697.$	67434.$	6755.$	140903.$	440294.$	101745.$	66688.$	650.$	165777.$	12206.$	1582.$	1615.$	1007345.$
1942$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	392543.$	4633.$	399113.$	19022.$	1582.$	1615.$	886130.$
1943$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1944$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	245122.$	12206.$	1582.$	1615.$	329446.$
1945$	1697.$	2025.$	6755.$	39020.$	30889.$	15709.$	650.$	650.$	21075.$	101559.$	1582.$	1615.$	223225.$
1946$	1697.$	2025.$	6755.$	10547.$	46491.$	83475.$	650.$	11003.$	221408.$	473824.$	1582.$	1615.$	861071.$
1947$	1697.$	2025.$	6755.$	10547.$	42867.$	15709.$	14766.$	7473.$	21075.$	12206.$	1582.$	1615.$	138315.$
1948$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1949$	1697.$	2025.$	6755.$	39899.$	155235.$	43014.$	61958.$	13975.$	21075.$	12206.$	1582.$	1615.$	361034.$
1950$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1951$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1952$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1953$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	33479.$	29004.$	17811.$	1615.$	150830.$
1954$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	8812.$	650.$	21075.$	12206.$	1582.$	1615.$	113561.$
1955$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1956$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1957$	1697.$	2025.$	6755.$	10547.$	300217.$	347000.$	650.$	650.$	21075.$	47092.$	28289.$	1615.$	767611.$
1958$	209788.$	261699.$	138392.$	10547.$	30889.$	15709.$	34537.$	650.$	21075.$	211548.$	165939.$	4955.$	1105727.$
1959$	10420.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	84896.$	1582.$	1615.$	186812.$
1960$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	36404.$	63309.$	45557.$	235265.$
1961$	31611.$	49813.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	183101.$
1962$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1963$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1964$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	112426.$	1582.$	1615.$	205619.$
1965$	1697.$	2025.$	6755.$	10547.$	40136.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	114646.$
1966$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1967$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	1095911.$	148666.$	1997.$	9509.$	1325003.$
1968$	132076.$	18178.$	6755.$	10547.$	127724.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	348767.$
1969$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1970$	1697.$	2025.$	6755.$	10547.$	30889.$	58067.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	147756.$
1971$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	56974.$	432903.$	570147.$	826692.$	59738.$	13383.$	2027458.$
1972$	6205.$	2025.$	6755.$	10547.$	66085.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	145103.$
1973$	1697.$	2025.$	6755.$	10547.$	30889.$	63221.$	66766.$	6143.$	33475.$	408124.$	44170.$	3406.$	677219.$
1974$	1697.$	2025.$	10301.$	10547.$	30889.$	15709.$	650.$	650.$	83460.$	12206.$	1582.$	1615.$	171329.$

1975$	1697.$	2025.$	6755.$	10547.$	30889.$	74419.$	43107.$	650.$	21075.$	12206.$	1582.$	1615.$	206566.$
1976$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	989.$	55585.$	122362.$	240683.$	96620.$	584510.$
1977$	35116.$	13600.$	6755.$	229514.$	36014.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	374485.$
1978$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1979$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1980$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	161199.$	21075.$	12206.$	1582.$	1615.$	265947.$
1981$	1697.$	2025.$	6755.$	10547.$	34714.$	386844.$	126339.$	650.$	23846.$	68228.$	26475.$	1615.$	689735.$
1982$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1983$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1984$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1985$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	13942.$	1615.$	117758.$
1986$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1987$	1697.$	2025.$	6755.$	10547.$	30889.$	62840.$	88592.$	650.$	21075.$	12206.$	1582.$	1615.$	240472.$
1988$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$
1989$	1697.$	2025.$	6755.$	10547.$	30889.$	15709.$	650.$	650.$	21075.$	12206.$	1582.$	1615.$	105398.$

CONDITIONAL PROBABILITY MODELING RUN1 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1935$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1936$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1937$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1938$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1939$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1940$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1941$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1942$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1943$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1944$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1945$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1946$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1947$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1948$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1949$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1950$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1951$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1952$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1953$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1954$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1955$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1956$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1957$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1958$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1959$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1960$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1961$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1962$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1963$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1964$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1965$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1966$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1967$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1968$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1969$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1970$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1971$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1972$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1973$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1974$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

1975$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1976$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1977$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1978$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1979$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1980$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1981$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1982$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1983$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1984$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1985$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1986$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1987$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1988$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1989$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK	1
IBEG	1934
IEND	1989
ISKIP	0
LONGPR	1
MODE	1
KSIM	33
KZONE	0
FLIMIT	.05
RTNFLW	.06
ALOSS	.93
DEMAND	130000.
REQREL	2000.
BEDEMM	97200.
TOTCAP	926787.
TOT5	463394.
TOT4	370715.
TOT3	278036.
TOT2	185357.
LCCMAX	237473.
LCC76	23000.
LCCMIN	53.
CCRMAX	689314.
CCR155	3415.
CCRMIN	3415.

DEMDIS		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	2505.	2505.	3507.	3507.	23548.	23047.	4509.	5010.	11524.	9019.	4008.	4509.
TRIGGERS		.50	.40	.30	.20								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1	V.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2	V.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3	V.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1	V.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2	V.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3	V.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 1

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.08$	.06$	.07$	.11$	.68$
2	.08$	.06$	.08$	.12$	.66$
3	.08$	.07$	.09$	.13$	.64$
4	.08$	.07$	.10$	.15$	.60$
5	.08$	.07$	.12$	.16$	.57$
6	.08$	.07$	.12$	.20$	.53$
7	.08$	.07$	.13$	.26$	.47$
8	.08$	.07$	.14$	.55$	.16$
9	.08$	.07$	.14$	.65$	.06$
10	.09$	.08$	.22$	.57$	.03$
11	.11$	.10$	.49$	.29$	.01$
12	.14$	.11$	.58$	.17$	.00$
13	.16$	.18$	.57$	.09$	.00$
14	.19$	.41$	.34$	.06$	.00$
15	.23$	.51$	.23$	.03$	.00$
16	.31$	.50$	.17$	.02$	.00$
17	.55$	.32$	.12$	.01$	.00$
18	.70$	.21$	.09$	.01$	.00$
19	.79$	.15$	.06$	.00$	.00$
20	.85$	.12$	.03$	.00$	.00$
21	.89$	.10$	.01$	.00$	.00$
22	.92$	.07$	.01$	.00$	.00$
23	.96$	.04$	.00$	.00$	.00$
24	.98$	.02$	.00$	.00$	.00$
25	.99$	.01$	.00$	.00$	.00$
26	1.00$	.00$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$
32	1.00$	.00$	.00$	.00$	.00$
33	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	161$	80$	89$	.240$	.119$	.132$
2$	40$	89$	92$	.060$	.132$	.137$
3$	5$	90$	105$	.007$	.134$	.156$
4$	0$	96$	112$	.000$	.143$	.167$
5$	0$	105$	129$	.000$	.156$	.192$
6$	0$	103$	144$	.000$	.153$	.214$
7$	0$	104$	156$	.000$	.155$	.232$
8$	0$	107$	171$	.000$	.159$	.254$
9$	0$	109$	196$	.000$	.162$	.292$
10$	0$	151$	194$	.000$	.225$	.289$
11$	0$	316$	185$	.000$	.470$	.275$
12$	0$	397$	182$	.000$	.591$	.271$
13$	0$	453$	175$	.000$	.674$	.260$
14$	0$	483$	168$	.000$	.719$	.250$
15$	0$	503$	164$	.000$	.749$	.244$
16$	0$	517$	162$	.000$	.769$	.241$
17$	0$	525$	161$	.000$	.781$	.240$
18$	0$	527$	161$	.000$	.784$	.240$
19$	0$	530$	161$	.000$	.789$	.240$
20$	0$	530$	160$	.000$	.789$	.238$
21$	0$	530$	160$	.000$	.789$	.238$
22$	0$	529$	160$	.000$	.787$	.238$
23$	0$	529$	161$	.000$	.787$	.240$
24$	0$	529$	161$	.000$	.787$	.240$
25$	0$	529$	161$	.000$	.787$	.240$
26$	0$	529$	161$	.000$	.787$	.240$
27$	0$	528$	161$	.000$	.786$	.240$
28$	0$	528$	161$	.000$	.786$	.240$
29$	0$	526$	164$	.000$	.783$	.244$
30$	0$	525$	165$	.000$	.781$	.246$
31$	0$	521$	167$	.000$	.775$	.249$
32$	0$	516$	172$	.000$	.768$	.256$
33$	0$	516$	172$	.000$	.768$	.256$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	3$	3$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	7$	5$	6$	3$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	1$	3$	3$	5$	5$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	3$	3$	3$	3$	4$	6$	2$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	3$	2$	1$	2$	3$	2$	6$	3$	4$	0$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	2$	2$	2$	3$	4$	6$	6$	10$	7$	5$	4$	0$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	7$	6$	6$	3$	3$	4$	4$	4$	6$	8$	3$	4$	2$	0$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	2$	2$	4$	6$	5$	4$	5$	5$	6$	7$	10$	10$	8$	4$	2$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	1$	3$	3$	4$	5$	6$	5$	6$	6$	3$	4$	5$	5$	8$	7$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	6$	6$	5$	5$	5$	5$	6$	6$	6$	9$	4$	4$	6$	4$	5$	7$	8$	3$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	2$	1$	1$	1$	1$	1$	1$	1$	1$	4$	7$	5$	3$	5$	7$	4$	2$	6$	5$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	2$	3$	4$	4$	4$	4$	4$	4$	4$	1$	4$	5$	4$	4$	1$	5$	5$	2$	5$	7$	3$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
15$	1$	1$	1$	1$	1$	1$	1$	1$	1$	3$	2$	3$	7$	4$	3$	3$	4$	5$	1$	3$	6$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
16$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	2$	1$	7$	5$	1$	3$	5$	4$	3$	2$	6$	3$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$
17$	3$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	2$	2$	1$	6$	7$	3$	3$	5$	5$	3$	2$	5$	4$	2$	1$	1$	0$	0$	0$	0$	0$	0$
18$	3$	4$	3$	3$	3$	3$	3$	3$	3$	2$	1$	1$	2$	2$	1$	4$	5$	3$	3$	2$	5$	4$	3$	4$	4$	2$	1$	1$	1$	0$	0$	0$	0$
19$	1$	1$	2$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	2$	2$	1$	4$	4$	4$	3$	3$	4$	3$	3$	4$	3$	2$	1$	1$	0$	0$	0$	0$
20$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	3$	2$	1$	1$	2$	2$	1$	4$	4$	5$	2$	3$	4$	3$	3$	4$	4$	2$	1$	0$	1$	0$	0$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	1$	3$	3$	0$	1$	2$	2$	1$	3$	4$	5$	2$	3$	4$	3$	3$	4$	4$	2$	2$	1$	0$	1$

22$		2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	2$	3$	1$	2$	5$	5$	2$	3$	4$	3$	2$	4$
6$	3$	1$	0$	0$																									
23$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	5$	5$	2$	4$	5$	4$	2$
2$	6$	4$	2$	2$																									
24$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	6$	6$	1$	3$	5$	4$
2$	2$	5$	3$	3$																									
25$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	0$	1$	3$	4$	1$	1$	1$	3$	1$	0$	5$	6$	1$	2$	5$
4$	1$	2$	5$	5$																									
26$		1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	2$	0$	0$	2$	3$	1$	1$	1$	3$	1$	0$	5$	6$	1$	2$
5$	4$	4$	4$	4$																									
27$		0$	0$	1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	2$	1$	2$	1$	0$	2$	3$	1$	1$	1$	3$	1$	1$	5$	6$	4$
4$	7$	5$	5$	5$																									
28$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	1$	1$	2$	0$	2$	3$	1$	1$	2$	3$	0$	1$	5$	4$
2$	2$	4$	4$	4$																									
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	1$	0$	2$	0$	2$	3$	1$	0$	2$	3$	1$	2$	5$
5$	4$	3$	4$	4$																									
30$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	1$	3$	2$	1$	3$	1$	3$	4$	2$	1$	3$	3$	2$	2$
5$	6$	6$	7$	7$																									
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	1$	3$	1$	3$	5$	4$	3$	5$	5$	6$
6$	7$	7$	7$	7$																									
32$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	1$	3$	3$	4$	6$	6$	5$	6$	6$
7$	8$	10$	9$	9$																									
33$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	2$	2$	2$	2$	3$	4$	4$	4$
4$	4$	4$	5$	5$																									

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0536$	.0536$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.1250$	.0893$	.1071$	.0536$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0179$	.0536$	.0536$	.0893$	.0893$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0536$	.0536$	.0536$	.0536$	.0714$	.1071$	.0357$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0536$	.0357$	.0179$	.0357$	.0536$	.0357$	.1071$	.0536$	.0714$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0357$	.0357$	.0357$	.0536$	.0714$	.1071$	.1071$	.1786$	.1250$	.0893$	.0714$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.1250$	.1071$	.1071$	.0536$	.0536$	.0714$	.0714$	.0714$	.1071$	.1429$	.0536$	.0714$	.0357$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$
10$	.0357$	.0357$	.0714$	.1071$	.0893$	.0714$	.0893$	.0893$	.1071$	.1250$	.1786$	.1786$	.1429$	.0714$	.0357$	.0357$	.0000$	.0179$	.0179$	.0000$
11$	.0179$	.0536$	.0536$	.0714$	.0893$	.1071$	.0893$	.1071$	.1071$	.0536$	.0714$	.0893$	.0893$	.1429$	.1250$	.0536$	.0357$	.0179$	.0000$	.0179$
12$	.1071$	.1071$	.0893$	.0893$	.0893$	.0893$	.1071$	.1071$	.1071$	.1607$	.0714$	.0714$	.1071$	.0714$	.0893$	.1250$	.1429$	.0536$	.0357$	.0000$
13$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0714$	.1250$	.0893$	.0536$	.0893$	.1250$	.0714$	.0357$	.1071$	.0893$	.0357$
14$	.0357$	.0536$	.0714$	.0714$	.0714$	.0714$	.0714$	.0714$	.0714$	.0179$	.0714$	.0893$	.0714$	.0714$	.0179$	.0893$	.0893$	.0357$	.0893$	.1250$
15$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0536$	.1250$	.0714$	.0536$	.0536$	.0714$	.0893$	.0179$	.0536$
16$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0357$	.0179$	.1250$	.0893$	.0179$	.0536$	.0893$	.0714$	.0536$
17$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0357$	.0357$	.0179$	.1071$	.1250$	.0536$	.0536$	.0893$	.0893$
18$	.0536$	.0714$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0179$	.0179$	.0357$	.0357$	.0179$	.0714$	.0893$	.0536$	.0536$	.0357$
19$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0357$	.0357$	.0179$	.0714$	.0714$	.0714$	.0536$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0536$	.0357$	.0179$	.0179$	.0357$	.0357$	.0179$	.0714$	.0714$	.0893$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0536$	.0536$	.0000$	.0179$	.0357$	.0357$	.0179$	.0536$	.0714$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0357$	.0536$	.0179$	.0357$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$
24$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$
25$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0179$	.0179$	.0179$
26$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0000$	.0000$	.0357$	.0536$	.0179$	.0179$
27$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0357$	.0000$	.0357$	.0536$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0000$	.0357$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0179$	.0536$	.0179$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0179$	.0536$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0179$
33$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0536$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.1071$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0357$	.1071$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0536$	.0357$	.0893$	.0714$	.0357$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.0893$	.0714$	.0536$	.0714$	.0714$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$
19$	.0536$	.0714$	.0536$	.0536$	.0714$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
20$	.0357$	.0536$	.0714$	.0536$	.0536$	.0714$	.0714$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$
21$	.0893$	.0357$	.0536$	.0714$	.0536$	.0536$	.0714$	.0714$	.0357$	.0179$	.0000$	.0179$	.0179$
22$	.0893$	.0893$	.0357$	.0536$	.0714$	.0536$	.0357$	.0714$	.1071$	.0536$	.0179$	.0000$	.0000$
23$	.0179$	.0893$	.0893$	.0357$	.0714$	.0893$	.0714$	.0357$	.0357$	.1071$	.0714$	.0357$	.0357$
24$	.0179$	.0179$	.1071$	.1071$	.0179$	.0536$	.0893$	.0714$	.0357$	.0357$	.0893$	.0536$	.0536$
25$	.0536$	.0179$	.0000$	.0893$	.1071$	.0179$	.0357$	.0893$	.0714$	.0179$	.0357$	.0893$	.0893$
26$	.0179$	.0536$	.0179$	.0000$	.0893$	.1071$	.0179$	.0357$	.0893$	.0714$	.0714$	.0714$	.0714$
27$	.0179$	.0179$	.0536$	.0179$	.0179$	.0893$	.1071$	.0714$	.0714$	.1250$	.0893$	.0893$	.0893$
28$	.0179$	.0179$	.0357$	.0536$	.0000$	.0179$	.0893$	.0714$	.0357$	.0357$	.0714$	.0714$	.0714$
29$	.0536$	.0179$	.0000$	.0357$	.0536$	.0179$	.0357$	.0893$	.0893$	.0714$	.0536$	.0714$	.0714$
30$	.0536$	.0714$	.0357$	.0179$	.0536$	.0536$	.0357$	.0357$	.0893$	.1071$	.1071$	.1250$	.1250$
31$	.0179$	.0536$	.0893$	.0714$	.0536$	.0893$	.0893$	.1071$	.1071$	.1250$	.1250$	.1250$	.1250$
32$	.0536$	.0536$	.0714$	.1071$	.1071$	.0893$	.1071$	.1071$	.1250$	.1429$	.1786$	.1607$	.1607$
33$	.0357$	.0357$	.0357$	.0357$	.0536$	.0714$	.0714$	.0714$	.0714$	.0714$	.0714$	.0893$	.0893$

STEADY STATE TABLE

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$
5$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$
6$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$
7$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
8$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$
9$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$
10$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$
11$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$
12$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$
13$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$
14$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$
15$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$
16$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$
17$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$
18$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$
19$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$
20$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
21$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$
22$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$
23$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$
24$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$
25$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$
26$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$
27$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$
28$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$
29$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$
30$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$
31$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$
32$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$
33$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$

STEADY STATE TABLE

S/E ZONE	$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$	33$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$	.0002$
5$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$
6$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$	.0013$
7$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
8$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$	.0084$
9$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$	.0115$
10$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$	.0252$
11$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$	.0234$
12$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$	.0321$
13$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$
14$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$
15$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$
16$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$	.0302$
17$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$	.0361$
18$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$	.0354$
19$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$	.0349$
20$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
21$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$	.0385$
22$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$	.0400$
23$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$	.0473$
24$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$	.0466$
25$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$	.0443$
26$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$	.0425$
27$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$	.0516$
28$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$	.0377$
29$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$	.0371$
30$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$	.0554$
31$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$	.0650$
32$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$	.0828$
33$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$	.0423$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.000001$	.239583$	.000000$
2$	.000011$	.059524$	.000001$
3$	.000028$	.007440$	.000000$
4$	.000222$	.000000$	.000000$
5$	.000355$	.000000$	.000000$
6$	.001294$	.000000$	.000000$
7$	.002740$	.000000$	.000000$
8$	.008420$	.000000$	.000000$
9$	.011538$	.000000$	.000000$
10$	.025204$	.000000$	.000000$
11$	.023390$	.000000$	.000000$
12$	.032105$	.000000$	.000000$
13$	.029318$	.000000$	.000000$
14$	.030085$	.000000$	.000000$
15$	.030514$	.000000$	.000000$
16$	.030173$	.000000$	.000000$
17$	.036087$	.000000$	.000000$
18$	.035443$	.000000$	.000000$
19$	.034901$	.000000$	.000000$
20$	.037168$	.000000$	.000000$
21$	.038516$	.000000$	.000000$
22$	.039958$	.000000$	.000000$
23$	.047270$	.000000$	.000000$
24$	.046574$	.000000$	.000000$
25$	.044345$	.000000$	.000000$
26$	.042521$	.000000$	.000000$
27$	.051567$	.000000$	.000000$
28$	.037655$	.000000$	.000000$
29$	.037106$	.000000$	.000000$
30$	.055378$	.000000$	.000000$
31$	.065018$	.000000$	.000000$
32$	.082788$	.000000$	.000000$
33$	.042310$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .00$ PER CENT
$AT ANNUAL DEMAND=$ 130000.$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1934	1	1.00	12609.	-6433.	13387.	689314.	87176.	10120.	-5775.	0.	565.	94131.	237473.	88107.
1934	2	1.00	4803.	5397.	1406.	686720.	16187.	9282.	3080.	0.	518.	4441.	237473.	4648.
1934	3	.98	1467.	4352.	1406.	681835.	4204.	11253.	3042.	1210.	628.	0.	227577.	1754.
1934	4	1.00	16227.	-772.	6693.	689314.	26969.	11784.	1725.	0.	658.	7193.	237473.	7347.
1934	5	.95	865.	10488.	1406.	677691.	4153.	12189.	6872.	16856.	680.	0.	207115.	16356.
1934	6	.89	1183.	16889.	1406.	659985.	2162.	12651.	10803.	24023.	706.	0.	163206.	23047.
1934	7	.89	16866.	13005.	1406.	661846.	23466.	14342.	6543.	3988.	800.	0.	163205.	4509.
1934	8	.88	1553.	15398.	1406.	646001.	29031.	14328.	9316.	4528.	800.	0.	165471.	5010.
1934	9	.85	1344.	10291.	1406.	635054.	15995.	11714.	3749.	11688.	654.	0.	155721.	11524.
1934	10	.83	7420.	9967.	1406.	630507.	12435.	11378.	6735.	9015.	635.	0.	142434.	9019.
1934	11	.95	23635.	-2455.	1406.	654597.	89980.	10414.	-2420.	3685.	581.	0.	222141.	4008.
1934	12	.95	6166.	-747.	1406.	659511.	11945.	10330.	1860.	4229.	576.	0.	219073.	4509.
1935	1	.93	1264.	4484.	1406.	654291.	4187.	10120.	1473.	2086.	565.	0.	210986.	2505.
1935	2	.95	9795.	0.	1406.	662086.	18047.	9282.	2202.	2137.	518.	0.	216818.	2505.
1935	3	.95	3229.	3751.	1406.	659564.	18557.	11253.	-1492.	3096.	628.	0.	223925.	3507.
1935	4	.97	9227.	3253.	1406.	663537.	61121.	11784.	3658.	0.	658.	30473.	237473.	28998.
1935	5	1.00	124713.	772.	69010.	689314.	130464.	12189.	4043.	0.	680.	171313.	237473.	160001.
1935	6	1.00	549238.	-12867.	395159.	689314.	1181981.	12651.	-1155.	0.	706.	1554013.	237473.	1445938.
1935	7	1.00	69573.	13381.	39503.	689314.	79910.	14342.	10203.	0.	800.	93304.	237473.	87573.
1935	8	1.00	30233.	18270.	8410.	689314.	122344.	14328.	12128.	0.	800.	102464.	237473.	96091.
1935	9	1.00	82634.	-19300.	71659.	689314.	287015.	11714.	-8470.	0.	654.	349938.	237473.	326096.
1935	10	1.00	12480.	6176.	4432.	689314.	52953.	11378.	4428.	0.	635.	37413.	237473.	35429.
1935	11	.98	3349.	4368.	1406.	686295.	3268.	10414.	4173.	1530.	581.	0.	226030.	2004.
1935	12	.99	4102.	-3602.	3294.	689314.	11381.	10330.	-3031.	4229.	576.	0.	229177.	4509.
1936	1	.98	3472.	3599.	1406.	687187.	3273.	10120.	2061.	2086.	565.	0.	219588.	2505.
1936	2	.96	2342.	3845.	1406.	683685.	0.	9282.	2383.	2137.	518.	0.	207193.	2505.
1936	3	.97	2240.	3576.	1406.	680349.	23443.	11253.	367.	3096.	628.	0.	217327.	3507.
1936	4	.95	3434.	6358.	1406.	675424.	4210.	11784.	2737.	3064.	658.	0.	205357.	3507.
1936	5	1.00	16544.	-6926.	6735.	689314.	105293.	12189.	-5583.	0.	680.	48716.	237473.	45986.
1936	6	1.00	22817.	-772.	16583.	689314.	40085.	12651.	4043.	0.	706.	28343.	237473.	27065.
1936	7	1.00	139880.	6176.	93994.	689314.	253210.	14342.	4428.	0.	800.	326871.	237473.	304790.
1936	8	.97	2539.	13294.	1406.	676559.	3925.	14328.	6027.	1834.	800.	0.	220615.	2505.
1936	9	1.00	25384.	4616.	5633.	689314.	130406.	11714.	-1925.	0.	654.	97704.	237473.	91518.
1936	10	1.00	51271.	6176.	31702.	689314.	151548.	11378.	5005.	0.	635.	162700.	237473.	151946.
1936	11	1.00	7547.	3603.	2773.	689314.	20875.	10414.	4043.	0.	581.	7661.	237473.	7706.
1936	12	1.00	5108.	2831.	1601.	689314.	13130.	10330.	1731.	939.	576.	865.	237473.	2255.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1937	1	.99	3734.	2572.	1406.	688476.	6686.	10120.	1340.	1156.	565.	0.	232948.	1640.
1937	2	.98	2762.	4363.	1406.	684875.	2524.	9282.	2640.	2137.	518.	0.	222820.	2505.
1937	3	.96	3279.	4348.	1406.	681806.	1962.	11253.	2946.	3096.	628.	0.	208894.	3507.
1937	4	.93	1792.	9655.	1406.	671943.	8.	11784.	6559.	3064.	658.	0.	188901.	3507.
1937	5	.88	1215.	7052.	1406.	664106.	1488.	12189.	5500.	24590.	680.	0.	149516.	23548.
1937	6	.84	8179.	12008.	1406.	658277.	12459.	12651.	5852.	24023.	706.	0.	120856.	23047.
1937	7	.80	725.	12879.	1406.	644123.	1064.	14342.	6326.	3988.	800.	0.	98670.	4509.
1937	8	.77	70.	14874.	1406.	627319.	14593.	14328.	6363.	4528.	800.	0.	89449.	5010.
1937	9	.73	1317.	14630.	1406.	612006.	3016.	11714.	5728.	11688.	654.	0.	64741.	11524.
1937	10	.69	1130.	11348.	1406.	599788.	758.	11378.	3631.	9015.	635.	0.	42881.	9019.
1937	11	.67	337.	7015.	1406.	591110.	0.	10414.	1568.	3685.	581.	0.	28620.	4008.
1937	12	.81	42015.	-16061.	1406.	647186.	83477.	10330.	-5185.	4229.	576.	0.	104129.	4509.
1938	1	.99	48364.	3277.	2080.	689314.	140974.	10120.	2503.	2086.	565.	0.	232473.	2505.
1938	2	.98	1687.	3339.	1406.	685662.	4416.	9282.	1890.	2137.	518.	0.	224987.	2505.
1938	3	.96	2043.	6643.	1406.	679062.	620.	11253.	4419.	3096.	628.	0.	208246.	3507.
1938	4	1.00	27871.	2831.	10396.	689314.	82600.	11784.	3080.	0.	658.	45841.	237473.	43289.
1938	5	1.00	9357.	6948.	1694.	689314.	38619.	12189.	3273.	0.	680.	12922.	237473.	12697.
1938	6	.95	622.	15055.	1406.	672881.	0.	12651.	8703.	11632.	706.	0.	205894.	11524.
1938	7	.89	430.	19039.	1406.	652272.	0.	14342.	13493.	3988.	800.	0.	175476.	4509.
1938	8	.90	0.	12798.	1406.	637474.	46564.	14328.	7419.	4528.	800.	0.	197171.	5010.
1938	9	.86	194.	12127.	1406.	623541.	2376.	11714.	6870.	11688.	654.	0.	170681.	11524.
1938	10	.81	0.	12666.	1406.	608876.	0.	11378.	7857.	9015.	635.	0.	143837.	9019.
1938	11	.78	121.	8256.	1406.	598740.	990.	10414.	3924.	3685.	581.	0.	128209.	4008.
1938	12	.78	4458.	0.	1406.	601198.	7955.	10330.	-1179.	4229.	576.	0.	124191.	4509.
1939	1	.77	1354.	1879.	1406.	598673.	0.	10120.	1428.	2086.	565.	0.	111962.	2505.
1939	2	.75	560.	3744.	1406.	593489.	0.	9282.	2584.	2137.	518.	0.	99365.	2505.
1939	3	.72	438.	7199.	1406.	584728.	0.	11253.	3435.	3096.	628.	0.	82987.	3507.
1939	4	.69	0.	10561.	1406.	572167.	0.	11784.	4213.	3064.	658.	0.	65332.	3507.
1939	5	.76	9108.	7750.	1406.	571524.	112167.	12189.	4795.	24590.	680.	0.	137331.	23548.
1939	6	.78	6915.	5694.	1406.	570745.	54993.	12651.	3271.	24023.	706.	0.	153786.	23047.
1939	7	.80	24844.	13728.	1406.	579861.	31150.	14342.	9561.	3988.	800.	0.	158450.	4509.
1939	8	.78	6245.	8945.	1406.	575161.	13545.	14328.	7747.	4528.	800.	0.	146799.	5010.
1939	9	.79	15530.	7117.	1406.	581574.	31365.	11714.	3782.	11688.	654.	0.	152385.	11524.
1939	10	.79	10489.	9440.	1406.	580623.	26396.	11378.	6655.	9015.	635.	0.	153139.	9019.
1939	11	.77	755.	4588.	1406.	574790.	0.	10414.	3575.	3685.	581.	0.	136872.	4008.
1939	12	.75	511.	3421.	1406.	569880.	0.	10330.	2073.	4229.	576.	0.	121645.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1940	1	.73	735.	2950.	1406.	565665.	0.	10120.	1556.	2086.	565.	0.	109288.	2505.
1940	2	.71	1819.	2713.	1406.	562771.	24.	9282.	1872.	2137.	518.	0.	97427.	2505.
1940	3	.71	595.	4948.	1406.	556418.	16816.	11253.	2543.	3096.	628.	0.	98758.	3507.
1940	4	.82	28596.	4763.	1406.	578251.	101394.	11784.	4286.	3064.	658.	0.	182424.	3507.
1940	5	.87	14953.	3461.	1406.	587743.	77491.	12189.	4109.	24590.	680.	0.	220433.	23548.
1940	6	.96	67988.	-2163.	1406.	655895.	197347.	12651.	-963.	0.	706.	146002.	237473.	136488.
1940	7	1.00	48402.	12401.	1815.	689314.	246918.	14342.	7893.	0.	800.	224934.	237473.	209989.
1940	8	1.00	18758.	13124.	3961.	689314.	51639.	14328.	9626.	0.	800.	29812.	237473.	28525.
1940	9	.97	632.	15562.	1406.	672384.	15999.	11714.	9269.	5493.	654.	0.	228402.	5762.
1940	10	.96	3712.	5806.	1406.	668290.	16213.	11378.	2255.	9015.	635.	0.	223374.	9019.
1940	11	.98	9671.	2778.	1406.	673183.	28780.	10414.	1518.	3215.	581.	470.	237473.	4008.
1940	12	1.00	13033.	-1274.	1406.	685490.	27372.	10330.	-578.	0.	576.	15302.	237473.	14807.
1941	1	1.00	12759.	1287.	5377.	689314.	7077.	10120.	1538.	684.	565.	56.	237473.	1253.
1941	2	1.00	42641.	-772.	30519.	689314.	50648.	9282.	-1733.	0.	518.	71541.	237473.	67051.
1941	3	1.00	10490.	257.	7194.	689314.	10128.	11253.	-193.	0.	628.	5051.	237473.	5325.
1941	4	1.00	84973.	-5147.	63354.	689314.	106142.	11784.	-4043.	0.	658.	160576.	237473.	149994.
1941	5	1.00	138576.	-1287.	98323.	689314.	414688.	12189.	-4428.	0.	680.	493321.	237473.	459469.
1941	6	1.00	20955.	2831.	12741.	689314.	124998.	12651.	193.	0.	706.	113264.	237473.	106042.
1941	7	1.00	6123.	6938.	1406.	686499.	89720.	14342.	5775.	0.	800.	69445.	237473.	65384.
1941	8	.97	4517.	13523.	1406.	675493.	8278.	14328.	8841.	1834.	800.	0.	222154.	2505.
1941	9	1.00	111498.	1029.	67943.	689314.	160639.	11714.	3850.	0.	654.	186011.	237473.	173644.
1941	10	1.00	10138.	4889.	3690.	689314.	21300.	11378.	2695.	0.	635.	6750.	237473.	6913.
1941	11	.98	2006.	5901.	1406.	683419.	1318.	10414.	4165.	1530.	581.	0.	224088.	2004.
1941	12	.96	1576.	4592.	1406.	678403.	27.	10330.	1846.	4229.	576.	0.	209116.	4509.
1942	1	.94	1126.	5327.	1406.	672202.	0.	10120.	3223.	2086.	565.	0.	195092.	2505.
1942	2	.93	1403.	253.	1406.	671352.	960.	9282.	-703.	2137.	518.	0.	186743.	2505.
1942	3	.90	884.	8300.	1406.	661936.	0.	11253.	5095.	3096.	628.	0.	168705.	3507.
1942	4	.89	5209.	3504.	1406.	661640.	8594.	11784.	2810.	3064.	658.	0.	161047.	3507.
1942	5	.87	10165.	4763.	1406.	665042.	16997.	12189.	3475.	24590.	680.	0.	139196.	23548.
1942	6	.82	417.	11229.	1406.	652230.	6330.	12651.	5179.	24023.	706.	0.	105080.	23047.
1942	7	1.00	176276.	-3345.	100204.	689314.	468366.	14342.	-6545.	0.	800.	424392.	237473.	395485.
1942	8	1.00	10632.	5147.	3856.	689314.	17450.	14328.	2695.	0.	800.	2450.	237473.	3078.
1942	9	1.00	104488.	-1287.	74360.	689314.	388926.	11714.	1155.	0.	654.	441362.	237473.	411121.
1942	10	1.00	28353.	5919.	15771.	689314.	31445.	11378.	3658.	0.	635.	28014.	237473.	26688.
1942	11	.98	1946.	8710.	1406.	680550.	5453.	10414.	5873.	1530.	581.	0.	226515.	2004.
1942	12	.95	1280.	6859.	1406.	672971.	592.	10330.	4797.	4229.	576.	0.	209158.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*----------LAKE CORPUS CHRISTI----------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.94	1459.	2780.	1406.	669650.	938.	10120.	721.	2086.	565.	0.	198574.	2505.
1943	2	.91	1172.	6786.	1406.	662037.	16.	9282.	4026.	2137.	518.	0.	184551.	2505.
1943	3	.89	1770.	5742.	1406.	656065.	1688.	11253.	3230.	3096.	628.	0.	170066.	3507.
1943	4	.86	945.	9162.	1406.	645848.	0.	11784.	5846.	3064.	658.	0.	150778.	3507.
1943	5	.82	3573.	5164.	1406.	642257.	3225.	12189.	2103.	24590.	680.	0.	116527.	23548.
1943	6	.89	30515.	6453.	1406.	664319.	88193.	12651.	4592.	24023.	706.	0.	164861.	23047.
1943	7	.90	27087.	11620.	1406.	677785.	19459.	14342.	6696.	3988.	800.	0.	160699.	4509.
1943	8	.85	0.	18877.	1406.	656908.	0.	14328.	10955.	4528.	800.	0.	132294.	5010.
1943	9	.86	2130.	3482.	1406.	653557.	33410.	11714.	1218.	11688.	654.	0.	142490.	11524.
1943	10	.82	443.	12817.	1406.	639183.	8233.	11378.	7148.	9015.	635.	0.	124587.	9019.
1943	11	.81	2333.	2688.	1406.	636827.	3745.	10414.	1005.	3685.	581.	0.	114633.	4008.
1943	12	.79	510.	2679.	1406.	632658.	2149.	10330.	139.	4229.	576.	0.	103491.	4509.
1944	1	.79	990.	-1459.	1406.	633107.	7001.	10120.	-400.	2086.	565.	0.	100090.	2505.
1944	2	.77	440.	3154.	1406.	628393.	0.	9282.	1480.	2137.	518.	0.	88598.	2505.
1944	3	.77	3183.	726.	1406.	628850.	12904.	11253.	584.	3096.	628.	0.	87975.	3507.
1944	4	.74	866.	9631.	1406.	618084.	0.	11784.	3758.	3064.	658.	0.	70775.	3507.
1944	5	.86	71463.	-1241.	1406.	688788.	69153.	12189.	-821.	24590.	680.	0.	105377.	23548.
1944	6	.99	13089.	10804.	1406.	689074.	169816.	12651.	6987.	24023.	706.	0.	232938.	23047.
1944	7	.94	1564.	19103.	1406.	669535.	1607.	14342.	12657.	3988.	800.	0.	204963.	4509.
1944	8	.94	8715.	8568.	1406.	667681.	22563.	14328.	4142.	4528.	800.	0.	205934.	5010.
1944	9	.98	19295.	10861.	1406.	674115.	336315.	11714.	5005.	0.	654.	277775.	237473.	258984.
1944	10	.96	9430.	11380.	1406.	670165.	6750.	11378.	8093.	4166.	635.	0.	221991.	4509.
1944	11	.95	483.	2016.	1406.	666633.	2318.	10414.	1292.	3685.	581.	0.	210325.	4008.
1944	12	.93	1592.	754.	1406.	665471.	1766.	10330.	361.	4229.	576.	0.	198577.	4509.
1945	1	.92	5035.	4519.	1406.	663987.	2032.	10120.	2986.	2086.	565.	0.	186822.	2505.
1945	2	.92	9141.	2263.	1406.	668865.	9109.	9282.	1560.	2137.	518.	0.	184358.	2505.
1945	3	.92	2032.	3774.	1406.	665122.	18645.	11253.	2599.	3096.	628.	0.	187461.	3507.
1945	4	1.00	26463.	3552.	1406.	686033.	117552.	11784.	1155.	0.	658.	52943.	237473.	49895.
1945	5	.98	340.	11717.	1406.	672656.	38546.	12189.	7700.	3796.	680.	8133.	237473.	11774.
1945	6	.99	16638.	6858.	1406.	680436.	36009.	12651.	5764.	11555.	706.	3723.	237473.	14914.
1945	7	.95	1845.	12668.	1406.	667614.	1799.	14342.	8421.	1564.	800.	0.	216352.	2255.
1945	8	.91	0.	14483.	1406.	651130.	0.	14328.	7161.	4528.	800.	0.	191741.	5010.
1945	9	.86	948.	13033.	1406.	637045.	0.	11714.	8936.	11688.	654.	0.	160809.	11524.
1945	10	.98	44421.	4480.	1406.	674986.	224000.	11378.	3273.	0.	635.	125076.	237473.	116956.
1945	11	.96	307.	8328.	1406.	664965.	0.	10414.	6215.	1530.	581.	0.	220720.	2004.
1945	12	.93	322.	5005.	1406.	658282.	0.	10330.	2927.	4229.	576.	0.	204640.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.92	560.	249.	1406.	656593.	1610.	10120.	-358.	2086.	565.	0.	195807.	2505.
1946	2	.90	298.	2237.	1406.	652654.	0.	9282.	876.	2137.	518.	0.	184919.	2505.
1946	3	.89	2074.	6675.	1406.	646053.	8898.	11253.	4447.	3096.	628.	0.	176427.	3507.
1946	4	.91	15960.	4456.	1406.	655556.	26930.	11784.	2919.	3064.	658.	0.	186997.	3507.
1946	5	.98	18011.	-1506.	1406.	673073.	149199.	12189.	385.	0.	680.	62965.	237473.	59237.
1946	6	.99	14147.	7105.	1406.	678115.	119961.	12651.	3465.	0.	706.	93619.	237473.	87772.
1946	7	.94	0.	17635.	1406.	658480.	1314.	14342.	10797.	1564.	800.	0.	213490.	2255.
1946	8	1.00	43717.	8623.	2995.	689314.	51900.	14328.	6949.	0.	800.	5107.	237473.	5549.
1946	9	1.00	106530.	2316.	73262.	689314.	197402.	11714.	-385.	0.	654.	253139.	237473.	236073.
1946	10	1.00	118574.	-515.	83719.	689314.	446756.	11378.	-2118.	0.	635.	517049.	237473.	481490.
1946	11	.98	2060.	6412.	1406.	682962.	5146.	10414.	3992.	1530.	581.	0.	228089.	2004.
1946	12	.96	1108.	4080.	1406.	677989.	987.	10330.	2788.	4229.	576.	0.	213135.	4509.
1947	1	.96	1450.	-1272.	1406.	678712.	5394.	10120.	-549.	2086.	565.	0.	208277.	2505.
1947	2	.93	476.	5580.	1406.	671608.	0.	9282.	3753.	2137.	518.	0.	194512.	2505.
1947	3	.91	1384.	5795.	1406.	665197.	2610.	11253.	3647.	3096.	628.	0.	180532.	3507.
1947	4	.91	598.	4008.	1406.	659787.	16828.	11784.	1718.	3064.	658.	0.	182200.	3507.
1947	5	.98	10242.	0.	1406.	668029.	149170.	12189.	-578.	0.	680.	59102.	237473.	55645.
1947	6	.97	13468.	11836.	1406.	667661.	28981.	12651.	7821.	11632.	706.	0.	235756.	11524.
1947	7	.96	6218.	18004.	1406.	653875.	46450.	14342.	12128.	0.	800.	15681.	237473.	15383.
1947	8	.95	1442.	10128.	1406.	643189.	25071.	14328.	4813.	0.	800.	5502.	237473.	5917.
1947	9	.90	0.	15826.	1406.	625363.	0.	11714.	11131.	5772.	654.	0.	210262.	6021.
1947	10	.86	0.	10547.	1406.	612817.	0.	11378.	7063.	9015.	635.	0.	184212.	9019.
1947	11	.84	789.	5695.	1406.	605911.	5143.	10414.	1711.	3685.	581.	0.	174951.	4008.
1947	12	.82	105.	1888.	1406.	602128.	0.	10330.	835.	4229.	576.	0.	160963.	4509.
1948	1	.80	0.	3990.	1406.	596138.	0.	10120.	2404.	2086.	565.	0.	147758.	2505.
1948	2	.79	135.	0.	1406.	594273.	0.	9282.	310.	2137.	518.	0.	137435.	2505.
1948	3	.77	0.	5118.	1406.	587155.	0.	11253.	2519.	3096.	628.	0.	121973.	3507.
1948	4	.74	0.	6919.	1406.	578236.	0.	11784.	3501.	3064.	658.	0.	105030.	3507.
1948	5	.68	0.	8899.	1406.	567336.	0.	12189.	3898.	24590.	680.	0.	65759.	23548.
1948	6	.63	1169.	11938.	1406.	554568.	0.	12651.	2686.	24023.	706.	0.	27805.	23047.
1948	7	.70	26585.	11937.	1406.	567216.	73915.	14342.	3663.	3988.	800.	0.	81133.	4509.
1948	8	.66	0.	15276.	1406.	549940.	5896.	14328.	6235.	4528.	800.	0.	63345.	5010.
1948	9	.64	0.	7534.	1406.	540406.	8132.	11714.	1340.	11688.	654.	0.	48140.	11524.
1948	10	.64	14220.	5753.	1406.	546873.	22665.	11378.	1863.	9015.	635.	0.	49955.	9019.
1948	11	.62	0.	5969.	1406.	538904.	4379.	10414.	1754.	3685.	581.	0.	39887.	4008.
1948	12	.60	0.	4608.	1406.	532295.	233.	10330.	1212.	4229.	576.	0.	25755.	4509.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1949	1	.58	0.	868.	9474.	517951.	133.	10120.	179.	2086.	565.	0.	22976.	2505.
1949	2	.58	6427.	215.	8157.	512559.	3285.	9282.	0.	2137.	518.	0.	23000.	2505.
1949	3	.72	23421.	4539.	1406.	529441.	131112.	11253.	1725.	3096.	628.	0.	139445.	3507.
1949	4	.91	76290.	-5228.	1406.	608959.	159940.	11784.	-4816.	0.	658.	53286.	237473.	50213.
1949	5	.92	14887.	8558.	1406.	613288.	216641.	12189.	7123.	0.	680.	186806.	237473.	174410.
1949	6	.96	47734.	5595.	1406.	653427.	78380.	12651.	5390.	0.	706.	50113.	237473.	47311.
1949	7	.96	14473.	9447.	1406.	656453.	85019.	14342.	6160.	0.	800.	64359.	237473.	60654.
1949	8	.95	5632.	13872.	1406.	646213.	36875.	14328.	9626.	0.	800.	12494.	237473.	12418.
1949	9	.91	0.	13449.	1406.	630764.	3989.	11714.	8980.	5493.	654.	0.	216681.	5762.
1949	10	.93	17238.	1466.	1406.	644536.	20834.	11378.	1478.	9015.	635.	0.	217050.	9019.
1949	11	.91	1798.	6375.	1406.	637959.	10173.	10414.	6020.	3685.	581.	0.	208510.	4008.
1949	12	.92	10912.	-491.	1406.	647362.	11345.	10330.	544.	4229.	576.	0.	206158.	4509.
1950	1	.90	49.	5163.	1406.	640249.	1710.	10120.	2500.	2086.	565.	0.	194567.	2505.
1950	2	.88	0.	3420.	1406.	634829.	685.	9282.	2614.	2137.	518.	0.	182626.	2505.
1950	3	.85	0.	8239.	1406.	624589.	917.	11253.	5389.	3096.	628.	0.	165212.	3507.
1950	4	.83	171.	5763.	1406.	616997.	3477.	11784.	4363.	3064.	658.	0.	150884.	3507.
1950	5	.84	11295.	4795.	1406.	621498.	41642.	12189.	4126.	24590.	680.	0.	153028.	23548.
1950	6	.91	9116.	6490.	1406.	622123.	105877.	12651.	5864.	24023.	706.	0.	217773.	23047.
1950	7	.87	45.	12648.	1406.	607521.	10350.	14342.	8331.	3988.	800.	0.	202868.	4509.
1950	8	.83	0.	15254.	1406.	590267.	0.	14328.	11053.	4528.	800.	0.	174366.	5010.
1950	9	.79	0.	11313.	1406.	576954.	8312.	11714.	8323.	11688.	654.	0.	152358.	11524.
1950	10	.76	0.	11830.	1406.	563124.	15724.	11378.	7612.	9015.	635.	0.	141483.	9019.
1950	11	.73	0.	8977.	1406.	552148.	0.	10414.	5651.	3685.	581.	0.	123139.	4008.
1950	12	.70	0.	7109.	1406.	543039.	0.	10330.	4348.	4229.	576.	0.	105638.	4509.
1951	1	.68	0.	5726.	1406.	535313.	0.	10120.	2937.	2086.	565.	0.	91900.	2505.
1951	2	.66	0.	2408.	1406.	530905.	229.	9282.	1704.	2137.	518.	0.	80412.	2505.
1951	3	.64	0.	4571.	1406.	524334.	793.	11253.	1775.	3096.	628.	0.	66488.	3507.
1951	4	.61	0.	7984.	1406.	514350.	1008.	11784.	2923.	3064.	658.	0.	51131.	3507.
1951	5	.67	60288.	3313.	1406.	569325.	41567.	12189.	2048.	24590.	680.	0.	55277.	23548.
1951	6	.78	35876.	6460.	1406.	596741.	110767.	12651.	3325.	24023.	706.	0.	127451.	23047.
1951	7	.73	0.	16920.	1406.	577820.	0.	14342.	9582.	3988.	800.	0.	100945.	4509.
1951	8	.68	0.	19053.	1406.	556768.	0.	14328.	9189.	4528.	800.	0.	74307.	5010.
1951	9	.89	50417.	-1152.	1406.	606337.	168500.	11714.	472.	11688.	654.	0.	220339.	11524.
1951	10	.88	6225.	8026.	1406.	602536.	13728.	11378.	6585.	9015.	635.	0.	208495.	9019.
1951	11	.85	393.	4462.	1406.	596467.	1571.	10414.	2506.	3685.	581.	0.	194866.	4008.
1951	12	.83	0.	5827.	1406.	588640.	306.	10330.	3984.	4229.	576.	0.	178035.	4509.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.80	0.	6009.	1406.	580630.	922.	10120.	4023.	2086.	565.	0.	164134.	2505.
1952	2	.80	6769.	2535.	1406.	582865.	6813.	9282.	2455.	2137.	518.	0.	158479.	2505.
1952	3	.77	1633.	5977.	1406.	576521.	0.	11253.	4567.	3096.	628.	0.	140970.	3507.
1952	4	.77	6853.	4811.	1406.	576562.	9761.	11784.	1830.	3064.	658.	0.	135459.	3507.
1952	5	.75	13278.	5516.	1406.	582324.	21222.	12189.	5385.	24590.	680.	0.	115923.	23548.
1952	6	.78	4251.	10330.	1406.	574245.	73717.	12651.	6959.	24023.	706.	0.	147414.	23047.
1952	7	.75	0.	12020.	1406.	560225.	10726.	14342.	5216.	3988.	800.	0.	136000.	4509.
1952	8	.70	0.	18703.	1406.	539522.	198.	14328.	11366.	4528.	800.	0.	107382.	5010.
1952	9	.69	0.	5049.	1406.	532473.	17513.	11714.	-2206.	11688.	654.	0.	105105.	11524.
1952	10	.65	0.	11729.	1406.	518744.	0.	11378.	6045.	9015.	635.	0.	80073.	9019.
1952	11	.63	0.	1292.	1406.	515452.	979.	10414.	500.	3685.	581.	0.	67859.	4008.
1952	12	.61	0.	2145.	1406.	511308.	1484.	10330.	1020.	4229.	576.	0.	55170.	4509.
1953	1	.59	0.	5967.	1406.	503341.	2080.	10120.	1955.	2086.	565.	0.	44493.	2505.
1953	2	.58	0.	2540.	1406.	498801.	968.	9282.	626.	2137.	518.	0.	34823.	2505.
1953	3	.55	0.	6093.	2548.	489084.	1254.	11253.	1298.	3096.	628.	0.	22979.	3507.
1953	4	.54	446.	5614.	3009.	479635.	12888.	11784.	1058.	3064.	658.	0.	22970.	3507.
1953	5	.60	31122.	5239.	1406.	503518.	68114.	12189.	1938.	24590.	680.	0.	53772.	23548.
1953	6	.54	0.	14221.	9473.	475822.	0.	12651.	3758.	24023.	706.	0.	22814.	23047.
1953	7	.49	5.	15281.	20283.	431694.	48.	14342.	2679.	3988.	800.	0.	22136.	4509.
1953	8	.51	12604.	5875.	1406.	436423.	33348.	14328.	52.	4463.	860.	0.	38047.	5010.
1953	9	.91	180066.	5630.	1406.	608859.	268221.	11714.	5966.	0.	654.	40832.	237473.	38628.
1953	10	.95	30721.	-1687.	1406.	639266.	47881.	11378.	-5005.	0.	635.	38748.	237473.	36670.
1953	11	.94	1255.	7069.	1406.	631453.	33853.	10414.	5390.	0.	581.	17925.	237473.	17251.
1953	12	.92	67.	5080.	1406.	624440.	219.	10330.	3220.	1805.	576.	0.	223743.	2255.
1954	1	.89	14.	4564.	1406.	617890.	1499.	10120.	3139.	2086.	565.	0.	211302.	2505.
1954	2	.87	0.	7622.	1406.	608268.	1373.	9282.	5383.	2137.	518.	0.	197279.	2505.
1954	3	.84	0.	8954.	1406.	597313.	1263.	11253.	6074.	3096.	628.	0.	179525.	3507.
1954	4	.83	6098.	4918.	1406.	596493.	5848.	11784.	3041.	3064.	658.	0.	168890.	3507.
1954	5	.78	6606.	7944.	1406.	593155.	3015.	12189.	5198.	24590.	680.	0.	131335.	23548.
1954	6	.80	19590.	10070.	1406.	600675.	48472.	12651.	4519.	24023.	706.	0.	140020.	23047.
1954	7	.89	932.	15614.	1406.	583993.	138607.	14342.	11205.	0.	800.	13025.	237473.	12913.
1954	8	.84	0.	17371.	1406.	564623.	1101.	14328.	12246.	1834.	800.	0.	211572.	2505.
1954	9	.79	0.	13454.	1406.	549169.	3468.	11714.	8130.	11688.	654.	0.	184914.	11524.
1954	10	.77	1103.	8636.	1406.	539636.	10715.	11378.	3751.	9015.	635.	0.	172890.	9019.
1954	11	.76	477.	5489.	1406.	532624.	11152.	10414.	3848.	3685.	581.	0.	167501.	4008.
1954	12	.73	0.	7619.	1406.	523005.	271.	10330.	5330.	4229.	576.	0.	149289.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI----------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.71	0.	3456.	1406.	517549.	526.	10120.	2628.	2086.	565.	0.	136386.	2505.
1955	2	.70	1446.	2580.	1406.	514414.	6468.	9282.	2401.	2137.	518.	0.	130441.	2505.
1955	3	.67	0.	8328.	1406.	504087.	791.	11253.	5736.	3096.	628.	0.	112553.	3507.
1955	4	.63	0.	10128.	1406.	491958.	102.	11784.	5886.	3064.	658.	0.	93327.	3507.
1955	5	.62	28501.	8256.	1406.	510203.	15534.	12189.	5256.	24590.	680.	0.	68232.	23548.
1955	6	.58	2412.	15900.	1406.	494715.	15543.	12651.	5790.	24023.	706.	0.	42717.	23047.
1955	7	.54	97.	17891.	1406.	474921.	3804.	14342.	4552.	3988.	800.	0.	25045.	4509.
1955	8	.51	3584.	14184.	12490.	446554.	6838.	14328.	2929.	4528.	800.	0.	22588.	5010.
1955	9	.50	1509.	9498.	1406.	436566.	25937.	11714.	135.	11688.	654.	0.	26395.	11524.
1955	10	.50	2320.	11891.	1406.	424994.	38360.	11378.	2815.	8963.	683.	0.	43003.	9019.
1955	11	.48	0.	7300.	1406.	415694.	1284.	10414.	2155.	3685.	581.	0.	29440.	4008.
1955	12	.45	0.	5279.	8224.	398717.	980.	10330.	1253.	4182.	620.	0.	22878.	4509.
1956	1	.43	0.	3668.	12094.	377847.	968.	10120.	932.	2041.	607.	0.	22847.	2505.
1956	2	.41	0.	4618.	11935.	356251.	481.	9282.	1056.	2095.	557.	0.	22830.	2505.
1956	3	.38	0.	6648.	15019.	328238.	655.	11253.	1510.	3045.	675.	0.	22697.	3507.
1956	4	.36	0.	6216.	8193.	310369.	4634.	10605.	804.	1201.	636.	0.	22912.	1754.
1956	5	.35	3515.	6057.	5265.	300337.	18578.	10970.	890.	11953.	658.	0.	22943.	11774.
1956	6	.31	907.	9575.	21561.	260999.	2948.	11385.	2204.	11657.	683.	0.	22205.	11524.
1956	7	.28	2952.	11348.	11310.	236513.	6926.	12908.	3354.	1592.	774.	0.	22588.	2255.
1956	8	.28	17679.	11454.	6693.	233218.	11600.	12895.	3296.	1862.	774.	0.	22828.	2505.
1956	9	.29	16880.	7991.	1406.	240107.	27107.	10543.	2568.	5515.	633.	0.	32716.	5762.
1956	10	.32	11668.	5093.	1406.	244682.	36895.	10241.	1981.	4188.	614.	0.	54607.	4509.
1956	11	.30	0.	4667.	1406.	238015.	1378.	9893.	2427.	1517.	594.	0.	43554.	2004.
1956	12	.30	0.	2701.	1406.	233314.	11256.	9814.	931.	1791.	589.	0.	43680.	2255.
1957	1	.28	0.	3725.	1406.	227588.	553.	9614.	1766.	727.	577.	0.	33532.	1253.
1957	2	.27	0.	1968.	1406.	223621.	1891.	8818.	826.	778.	529.	0.	26407.	1253.
1957	3	.28	4752.	2219.	1406.	224154.	24663.	10127.	1222.	1232.	608.	0.	39895.	1754.
1957	4	.48	77221.	-436.	1406.	299810.	110808.	10605.	-2442.	1201.	636.	0.	142744.	1754.
1957	5	.73	141326.	-178.	1406.	439315.	478579.	12189.	-2310.	0.	731.	350842.	237473.	327015.
1957	6	.83	101364.	7286.	1406.	531393.	402936.	12651.	3080.	0.	706.	376979.	237473.	351297.
1957	7	.78	35.	17307.	1406.	512121.	2993.	14342.	14260.	1564.	800.	0.	211706.	2255.
1957	8	.73	0.	16333.	1406.	493789.	354.	14328.	12799.	4528.	800.	0.	181811.	5010.
1957	9	.82	32902.	5960.	1406.	518731.	106256.	11714.	4647.	0.	654.	23951.	237473.	22928.
1957	10	.87	54599.	4642.	1406.	566688.	78496.	11378.	6160.	0.	635.	58197.	237473.	54758.
1957	11	.88	8838.	-1594.	1406.	575120.	38190.	10414.	-1540.	0.	581.	29192.	237473.	27730.
1957	12	.86	2601.	4110.	1406.	571611.	2676.	10330.	3981.	1805.	576.	0.	225439.	2255.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	.98	100716.	-3850.	1406.	674177.	239830.	10120.	-6160.	0.	565.	223155.	237473.	208099.
1958	2	1.00	111709.	-4117.	70785.	689314.	283699.	9282.	-6353.	0.	518.	350765.	237473.	326729.
1958	3	1.00	23248.	4375.	13268.	689314.	166446.	11253.	2503.	0.	628.	164748.	237473.	153844.
1958	4	.98	3004.	5136.	1406.	685182.	1525.	11784.	4911.	1179.	658.	0.	222530.	1754.
1958	5	.98	14420.	2831.	5243.	689314.	31400.	12189.	3345.	24590.	680.	0.	219049.	23548.
1958	6	.97	50387.	11580.	27281.	689314.	5901.	12651.	7841.	24023.	706.	0.	207717.	23047.
1958	7	.99	15530.	18989.	1406.	683855.	102371.	14342.	14212.	0.	800.	41479.	237473.	39376.
1958	8	.94	20.	19240.	1406.	662634.	0.	14328.	14036.	1834.	800.	0.	208681.	2505.
1958	9	1.00	53205.	-3603.	21180.	689314.	25250.	11714.	-7749.	9704.	654.	1985.	237473.	11524.
1958	10	1.00	43294.	-5147.	34054.	689314.	217084.	11378.	-5968.	0.	635.	238846.	237473.	222762.
1958	11	1.00	41388.	4632.	25840.	689314.	167157.	10414.	3850.	0.	581.	177202.	237473.	165379.
1958	12	1.00	8202.	2831.	3776.	689314.	13568.	10330.	1348.	0.	576.	3862.	237473.	4168.
1959	1	.99	2750.	5903.	1406.	684161.	23618.	10120.	3273.	0.	565.	10891.	237473.	10694.
1959	2	.99	1409.	-1793.	1406.	685363.	3436.	9282.	-3080.	790.	518.	0.	235324.	1253.
1959	3	.97	590.	8923.	1406.	675030.	6481.	11253.	5841.	3096.	628.	0.	223021.	3507.
1959	4	.94	415.	5308.	1406.	668137.	0.	11784.	3851.	3064.	658.	0.	205727.	3507.
1959	5	.90	1411.	5775.	1406.	661773.	4796.	12189.	4861.	24590.	680.	0.	170289.	23548.
1959	6	.88	23818.	7311.	1406.	676280.	7775.	12651.	4473.	24023.	706.	0.	138324.	23047.
1959	7	.90	22218.	16031.	1406.	680466.	45138.	14342.	10223.	3988.	800.	0.	156315.	4509.
1959	8	.87	374.	14419.	1406.	664421.	9454.	14328.	5810.	4528.	800.	0.	142510.	5010.
1959	9	.83	1472.	12715.	1406.	651178.	2280.	11714.	7046.	11688.	654.	0.	115747.	11524.
1959	10	1.00	69467.	4345.	18971.	689314.	231751.	11378.	2083.	0.	635.	106520.	237473.	99699.
1959	11	1.00	5459.	5399.	1406.	687374.	15880.	10414.	5363.	1530.	581.	0.	237452.	2004.
1959	12	.98	615.	4864.	1406.	681125.	6660.	10330.	3610.	4229.	576.	0.	227349.	4509.
1960	1	.97	712.	3310.	1406.	676528.	6637.	10120.	1687.	2086.	565.	0.	221498.	2505.
1960	2	.96	933.	3295.	1406.	672166.	6094.	9282.	1299.	2137.	518.	0.	216281.	2505.
1960	3	.94	556.	4035.	1406.	666687.	4774.	11253.	2190.	3096.	628.	0.	205922.	3507.
1960	4	.92	3919.	6525.	1406.	662081.	0.	11784.	4424.	3064.	658.	0.	188056.	3507.
1960	5	.86	697.	8968.	1406.	651810.	0.	12189.	4823.	24590.	680.	0.	147860.	23548.
1960	6	.86	8139.	8910.	1406.	649039.	36056.	12651.	5280.	24023.	706.	0.	143368.	23047.
1960	7	.84	2007.	9837.	1406.	639209.	21907.	14342.	8985.	3988.	800.	0.	139366.	4509.
1960	8	.88	23250.	5673.	1406.	654787.	46113.	14328.	3180.	4528.	800.	0.	164850.	5010.
1960	9	.86	1645.	13086.	1406.	641346.	22454.	11714.	6036.	11688.	654.	0.	159271.	11524.
1960	10	.98	26393.	-3482.	1406.	669221.	140197.	11378.	-6597.	0.	635.	49606.	237473.	46768.
1960	11	.99	17115.	2284.	1406.	682052.	78733.	10414.	1348.	0.	581.	66847.	237473.	62749.
1960	12	1.00	6656.	-2307.	1406.	689015.	52666.	10330.	-5583.	0.	576.	47520.	237473.	44770.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-----------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2666.	689314.	42256.	10120.	385.	0.	565.	33677.	237473.	31885.
1961	2	1.00	16221.	257.	11222.	689314.	51823.	9282.	-578.	0.	518.	53551.	237473.	50321.
1961	3	.99	2221.	6157.	1406.	683378.	9629.	11253.	4952.	1210.	628.	0.	231093.	1754.
1961	4	.99	13295.	3595.	2646.	689314.	8815.	11784.	3577.	3064.	658.	0.	224129.	3507.
1961	5	.92	0.	12770.	1406.	674544.	0.	12189.	9073.	24590.	680.	0.	179683.	23548.
1961	6	1.00	76005.	6176.	38707.	689314.	55645.	12651.	3434.	24023.	706.	0.	233927.	23047.
1961	7	.98	4774.	11019.	1406.	681069.	22418.	14342.	7951.	3988.	800.	0.	231470.	4509.
1961	8	.98	1034.	12922.	1406.	667181.	32464.	14328.	9107.	4528.	800.	0.	237377.	5010.
1961	9	.94	0.	11747.	1406.	653433.	3812.	11714.	5799.	11688.	654.	0.	213394.	11524.
1961	10	.91	897.	7415.	1406.	644915.	13017.	11378.	8087.	9015.	635.	0.	199337.	9019.
1961	11	.90	514.	738.	1406.	642692.	4065.	10414.	1588.	3685.	581.	0.	189121.	4008.
1961	12	.88	400.	2940.	1406.	638152.	20.	10330.	2744.	4229.	576.	0.	173244.	4509.
1962	1	.86	889.	3901.	1406.	633140.	0.	10120.	3152.	2086.	565.	0.	159291.	2505.
1962	2	.83	517.	6539.	1406.	625117.	0.	9282.	4599.	2137.	518.	0.	144679.	2505.
1962	3	.80	242.	7442.	1406.	615918.	0.	11253.	4671.	3096.	628.	0.	127066.	3507.
1962	4	.78	273.	5237.	1406.	608954.	0.	11784.	1863.	3064.	658.	0.	111760.	3507.
1962	5	.72	814.	12246.	1406.	595522.	0.	12189.	5516.	24590.	680.	0.	70871.	23548.
1962	6	.72	6471.	4443.	1406.	595550.	34565.	12651.	1511.	24023.	706.	0.	68658.	23047.
1962	7	.67	0.	19876.	1406.	573673.	0.	14342.	6707.	3988.	800.	0.	45027.	4509.
1962	8	.62	0.	17631.	959.	554678.	0.	14328.	4003.	4528.	800.	0.	23128.	5010.
1962	9	.61	0.	7112.	4261.	541505.	20186.	11714.	1227.	11688.	654.	0.	22945.	11524.
1962	10	.56	0.	10803.	21890.	499564.	0.	11378.	2285.	9015.	635.	0.	22157.	9019.
1962	11	.53	0.	3959.	15940.	472931.	0.	10414.	1292.	3685.	581.	0.	22706.	4008.
1962	12	.51	0.	-203.	14376.	452685.	680.	10330.	256.	4229.	576.	0.	22947.	4509.
1963	1	.49	0.	3569.	10966.	433517.	1908.	10120.	723.	2086.	565.	0.	22891.	2505.
1963	2	.48	639.	971.	7453.	422583.	4568.	9282.	596.	2095.	557.	0.	22940.	2505.
1963	3	.45	0.	6057.	13463.	397374.	1966.	11253.	1307.	3045.	675.	0.	22765.	3507.
1963	4	.42	0.	5821.	16359.	368283.	0.	11784.	1713.	3011.	707.	0.	22616.	3507.
1963	5	.38	3745.	6371.	26658.	327737.	11579.	12189.	1912.	24535.	731.	0.	22217.	23548.
1963	6	.46	17037.	6694.	1406.	336079.	98346.	11385.	4997.	11657.	683.	0.	93930.	11524.
1963	7	.43	2159.	10359.	1406.	325880.	0.	14342.	7062.	3923.	861.	0.	70009.	4509.
1963	8	.38	0.	13708.	1406.	310171.	0.	14328.	6150.	4463.	860.	0.	46474.	5010.
1963	9	.36	584.	7338.	1406.	301417.	0.	10543.	2739.	5515.	633.	0.	29084.	5762.
1963	10	.33	591.	6361.	10323.	280964.	0.	10241.	2231.	4188.	614.	0.	22747.	4509.
1963	11	.34	2435.	1519.	1406.	279879.	22743.	9893.	1139.	1517.	594.	0.	34346.	2004.
1963	12	.33	2012.	1061.	1406.	278830.	3787.	9814.	530.	1791.	589.	0.	27404.	2255.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.31	0.	1347.	6396.	268385.	0.	9614.	501.	727.	577.	0.	22958.	1253.
1964	2	.30	0.	1014.	9748.	253505.	0.	8818.	129.	778.	529.	0.	22982.	1253.
1964	3	.28	965.	2082.	10763.	237079.	1304.	10127.	807.	1232.	608.	0.	22882.	1754.
1964	4	.26	0.	4459.	13174.	213880.	0.	10605.	1511.	1201.	636.	0.	22738.	1754.
1964	5	.22	145.	2052.	20867.	182290.	2318.	10970.	0.	11953.	658.	0.	23000.	11774.
1964	6	.20	2673.	6358.	9960.	164437.	2220.	10120.	2327.	0.	607.	0.	22733.	607.
1964	7	.18	105.	6864.	11280.	141633.	1749.	11474.	1508.	0.	688.	0.	22781.	688.
1964	8	.18	3302.	5754.	1406.	137181.	23105.	11462.	3996.	0.	688.	0.	31833.	688.
1964	9	.35	681.	3806.	1406.	132055.	170057.	9371.	1399.	0.	562.	0.	192526.	562.
1964	10	.40	7568.	4333.	1406.	133291.	226270.	10241.	3465.	0.	614.	164835.	237473.	153911.
1964	11	.39	8739.	3526.	1406.	136504.	4570.	10414.	7175.	1483.	625.	0.	224377.	2004.
1964	12	.37	0.	1239.	1406.	133265.	0.	9814.	1668.	1791.	589.	0.	212511.	2255.
1965	1	.36	508.	751.	1406.	131022.	0.	9614.	2352.	727.	577.	0.	201223.	1253.
1965	2	.36	4438.	-1604.	1406.	135064.	0.	8818.	-3042.	778.	529.	0.	196076.	1253.
1965	3	.38	0.	1700.	1406.	131364.	39687.	10127.	2547.	1232.	608.	0.	223262.	1754.
1965	4	.37	6634.	2165.	1406.	133832.	0.	10605.	5503.	1201.	636.	0.	207358.	1754.
1965	5	.47	68285.	-2082.	1406.	202199.	131459.	10970.	-2695.	0.	658.	82522.	237473.	77404.
1965	6	.47	2048.	4854.	1406.	197393.	44496.	12651.	9626.	0.	759.	12051.	237473.	11967.
1965	7	.44	0.	8298.	1406.	187095.	8478.	14342.	14154.	1499.	861.	0.	217362.	2255.
1965	8	.39	0.	7240.	1406.	177855.	0.	14328.	12250.	4463.	860.	0.	187726.	5010.
1965	9	.36	0.	5479.	1406.	170376.	0.	10543.	9424.	5515.	633.	0.	163650.	5762.
1965	10	.34	1400.	1979.	1406.	167797.	0.	10241.	3531.	4188.	614.	0.	147097.	4509.
1965	11	.32	111.	1632.	1406.	164275.	1794.	9893.	3532.	1517.	594.	0.	135354.	2004.
1965	12	.32	4202.	-761.	1406.	167238.	5880.	9814.	-151.	1791.	589.	0.	131186.	2255.
1966	1	.31	0.	-1747.	1406.	166986.	0.	9614.	-591.	727.	577.	0.	122842.	1253.
1966	2	.30	2307.	437.	1406.	166856.	0.	8818.	287.	778.	529.	0.	114365.	1253.
1966	3	.29	16.	760.	1406.	164112.	0.	10127.	2205.	1232.	608.	0.	102207.	1754.
1966	4	.33	16583.	1216.	1406.	177479.	27683.	9427.	-2261.	0.	566.	0.	124129.	566.
1966	5	.47	18314.	-232.	1406.	194025.	206958.	10970.	-4479.	0.	658.	76576.	237473.	71874.
1966	6	.47	9218.	2761.	1406.	198482.	34719.	12651.	193.	0.	759.	11707.	237473.	11647.
1966	7	.44	694.	5383.	1406.	191793.	0.	14342.	7301.	1499.	861.	0.	215737.	2255.
1966	8	.43	10761.	6651.	1406.	193903.	5490.	14328.	3622.	4463.	860.	0.	200219.	5010.
1966	9	.45	20929.	3174.	1406.	209658.	31194.	11714.	4475.	11635.	703.	0.	204995.	11524.
1966	10	.41	469.	4829.	1406.	203298.	1424.	11378.	8373.	8963.	683.	0.	179110.	9019.
1966	11	.39	0.	1707.	1406.	199590.	189.	10414.	6827.	3638.	625.	0.	159826.	4008.
1966	12	.37	0.	2889.	1406.	194701.	0.	9814.	3977.	1791.	589.	0.	145650.	2255.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.35	0.	1781.	1406.	190920.	11.	9614.	924.	727.	577.	0.	135802.	1253.
1967	2	.34	146.	705.	1406.	188361.	726.	8818.	2676.	778.	529.	0.	125662.	1253.
1967	3	.32	0.	1049.	1406.	185312.	2978.	10127.	4432.	1232.	608.	0.	114255.	1754.
1967	4	.31	626.	1961.	1406.	181977.	5725.	10605.	5227.	1201.	636.	0.	104351.	1754.
1967	5	.30	4246.	1608.	1406.	182615.	14105.	10970.	2823.	11953.	658.	0.	94117.	11774.
1967	6	.27	0.	7024.	1406.	173590.	0.	10120.	7270.	0.	607.	0.	78132.	607.
1967	7	.24	11.	8446.	1406.	163156.	0.	11474.	6495.	0.	688.	0.	61569.	688.
1967	8	.28	8928.	5509.	1406.	164575.	41103.	11462.	414.	0.	688.	0.	92202.	688.
1967	9	.79	339587.	2845.	1406.	499317.	1392125.	9371.	-5005.	0.	562.	1243894.	237473.	1157383.
1967	10	.82	24578.	2776.	1406.	519119.	182132.	11378.	578.	0.	635.	167416.	237473.	156332.
1967	11	.83	13260.	2168.	1406.	528211.	15874.	10414.	4413.	607.	581.	923.	237473.	2004.
1967	12	.83	2223.	1306.	1406.	527128.	23723.	10330.	4235.	0.	576.	7327.	237473.	7391.
1968	1	.92	95143.	1369.	1406.	618902.	150581.	10120.	-578.	0.	565.	141704.	237473.	132350.
1968	2	.93	9962.	-1445.	1406.	628309.	28779.	9282.	578.	0.	518.	19536.	237473.	18686.
1968	3	.94	8635.	486.	1406.	634458.	10619.	11253.	3631.	1210.	628.	0.	233404.	1754.
1968	4	.93	6405.	1220.	1406.	637644.	10090.	11784.	3217.	3064.	658.	0.	226835.	3507.
1968	5	1.00	110820.	1801.	40316.	689314.	203818.	12189.	385.	0.	680.	196332.	237473.	183269.
1968	6	1.00	7493.	10013.	1406.	684794.	26124.	12651.	2116.	10500.	706.	1132.	237473.	11524.
1968	7	1.00	17116.	11548.	1406.	688363.	18890.	14342.	4973.	2771.	800.	0.	235683.	3378.
1968	8	.95	391.	12506.	1406.	674247.	4642.	14328.	12214.	4528.	800.	0.	210661.	5010.
1968	9	.94	3276.	1520.	1406.	674003.	14343.	11714.	6621.	11688.	654.	0.	196387.	11524.
1968	10	.92	128.	6560.	1406.	665571.	11916.	11378.	704.	9015.	635.	0.	188612.	9019.
1968	11	.89	0.	8498.	1406.	655073.	3199.	10414.	6484.	3685.	581.	0.	172634.	4008.
1968	12	.87	542.	4957.	1406.	648658.	6309.	10330.	3659.	4229.	576.	0.	162131.	4509.
1969	1	.86	77.	2465.	1406.	644270.	2235.	10120.	2741.	2086.	565.	0.	150824.	2505.
1969	2	.88	3657.	246.	1406.	645681.	18255.	9282.	-7245.	2137.	518.	0.	166312.	2505.
1969	3	.85	171.	6377.	1406.	637474.	703.	11253.	2115.	3096.	628.	0.	151957.	3507.
1969	4	.84	868.	1951.	1406.	634391.	10353.	11784.	3148.	3064.	658.	0.	145720.	3507.
1969	5	.83	2122.	-731.	1406.	635244.	25774.	12189.	2145.	24590.	680.	0.	133976.	23548.
1969	6	.78	142.	8726.	1406.	624660.	7705.	12651.	8674.	24023.	706.	0.	97739.	23047.
1969	7	.74	0.	16476.	1406.	606184.	6979.	14342.	6425.	3988.	800.	0.	81369.	4509.
1969	8	.70	1233.	15242.	1406.	590174.	243.	14328.	2772.	4528.	800.	0.	61391.	5010.
1969	9	.68	916.	5098.	1406.	583992.	8103.	11714.	3219.	11688.	654.	0.	44279.	11524.
1969	10	.78	51775.	9674.	1406.	624093.	78055.	11378.	4095.	9015.	635.	0.	99252.	9019.
1969	11	.85	12341.	7240.	1406.	627194.	71630.	10414.	0.	3685.	581.	0.	158189.	4008.
1969	12	.87	3358.	5547.	1406.	623005.	39811.	10330.	2514.	4229.	576.	0.	182333.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1970	1	.87	1710.	2403.	1406.	620311.	9766.	10120.	-345.	2086.	565.	0.	181643.	2505.
1970	2	.85	811.	3591.	1406.	615531.	5172.	9282.	2386.	2137.	518.	0.	174416.	2505.
1970	3	.86	6292.	4775.	1406.	615048.	24066.	11253.	2899.	3096.	628.	0.	182640.	3507.
1970	4	.84	486.	5944.	1406.	607590.	3688.	11784.	4733.	3064.	658.	0.	168153.	3507.
1970	5	.90	36107.	7684.	1406.	634013.	64168.	12189.	-1211.	24590.	680.	0.	198159.	23548.
1970	6	.96	29094.	13481.	1406.	647627.	157117.	12651.	1925.	0.	706.	80610.	237473.	75673.
1970	7	.92	1107.	12989.	1406.	633745.	5205.	14342.	10838.	1564.	800.	0.	217341.	2255.
1970	8	.89	1899.	9926.	1406.	623718.	12541.	14328.	8515.	4528.	800.	0.	203917.	5010.
1970	9	.88	7595.	-11908.	1406.	641222.	185.	11714.	3501.	11688.	654.	0.	178604.	11524.
1970	10	.87	3504.	7334.	1406.	635391.	22639.	11378.	7104.	9015.	635.	0.	175152.	9019.
1970	11	.85	396.	7279.	1406.	626508.	1254.	10414.	6113.	3685.	581.	0.	157599.	4008.
1970	12	.82	372.	6494.	1406.	618386.	4778.	10330.	4118.	4229.	576.	0.	145106.	4509.
1971	1	.80	349.	6678.	1406.	610057.	1278.	10120.	4554.	2086.	565.	0.	131030.	2505.
1971	2	.78	33.	5440.	1406.	602650.	511.	9282.	3347.	2137.	518.	0.	118182.	2505.
1971	3	.74	0.	10532.	1406.	590118.	20.	11253.	6165.	3096.	628.	0.	99094.	3507.
1971	4	.73	0.	7172.	1406.	580946.	10911.	11784.	3598.	3064.	658.	0.	92965.	3507.
1971	5	.67	0.	8925.	1406.	570021.	54.	12189.	4075.	24590.	680.	0.	53571.	23548.
1971	6	.62	3185.	7665.	8389.	553607.	0.	12651.	2410.	24023.	706.	0.	22876.	23047.
1971	7	.84	5500.	15990.	1406.	541117.	300281.	14342.	11841.	0.	800.	56920.	237473.	53735.
1971	8	1.00	290383.	4857.	96542.	689314.	415914.	14328.	-4235.	0.	800.	500529.	237473.	466292.
1971	9	1.00	23578.	-515.	16937.	689314.	608695.	11714.	-20406.	0.	654.	628832.	237473.	585467.
1971	10	1.00	116320.	1287.	80868.	689314.	830575.	11378.	-578.	0.	635.	896477.	237473.	834358.
1971	11	1.00	15576.	6948.	6066.	689314.	75047.	10414.	6160.	0.	581.	63008.	237473.	59179.
1971	12	1.00	7241.	2573.	3281.	689314.	23125.	10330.	1348.	0.	576.	12924.	237473.	12596.
1972	1	1.00	4631.	2059.	1808.	689314.	16951.	10120.	1540.	0.	565.	6359.	237473.	6479.
1972	2	.99	3483.	3342.	1406.	687455.	8422.	9282.	2681.	790.	518.	0.	234548.	1253.
1972	3	.97	1924.	7675.	1406.	679704.	6502.	11253.	5460.	3096.	628.	0.	222648.	3507.
1972	4	.95	1135.	8370.	1406.	670470.	0.	11784.	2938.	3064.	658.	0.	206268.	3507.
1972	5	1.00	20067.	2036.	1406.	686501.	152097.	12189.	-4428.	0.	680.	89947.	237473.	84331.
1972	6	.97	2096.	7159.	1406.	679438.	11320.	12651.	3968.	11632.	706.	0.	221948.	11524.
1972	7	.94	386.	8617.	1406.	669207.	4209.	14342.	6018.	3988.	800.	0.	203216.	4509.
1972	8	.93	3247.	9793.	1406.	660662.	19160.	14328.	7985.	4528.	800.	0.	196941.	5010.
1972	9	.95	23639.	7052.	1406.	675249.	30552.	11714.	4266.	11688.	654.	0.	201231.	11524.
1972	10	.92	2430.	8338.	1406.	667340.	4828.	11378.	2462.	9015.	635.	0.	184610.	9019.
1972	11	.90	1137.	2764.	1406.	663714.	0.	10414.	3226.	3685.	581.	0.	168691.	4008.
1972	12	.87	1565.	4503.	1406.	658775.	0.	10330.	3422.	4229.	576.	0.	152115.	4509.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

			CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI							B & E
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1973	1	.86	2164.	1496.	1406.	657443.	0.	10120.	1408.	2086.	565.	0.	139907.	2505.
1973	2	.85	3352.	-499.	1406.	659294.	0.	9282.	302.	2137.	518.	0.	129592.	2505.
1973	3	.83	2467.	5728.	1406.	654033.	4138.	11253.	3621.	3096.	628.	0.	117166.	3507.
1973	4	.84	8327.	2240.	1406.	658120.	16349.	11784.	2559.	3064.	658.	0.	117514.	3507.
1973	5	.79	1626.	10172.	1406.	647574.	4294.	12189.	4477.	24590.	680.	0.	81959.	23548.
1973	6	.98	29452.	2249.	1406.	672777.	248540.	12651.	-22676.	0.	706.	80435.	237473.	75510.
1973	7	1.00	106563.	10808.	55690.	689314.	38985.	14342.	9240.	0.	800.	69529.	237473.	65462.
1973	8	1.00	22079.	9264.	9009.	689314.	13921.	14328.	2695.	0.	800.	4073.	237473.	4587.
1973	9	1.00	45440.	3088.	29774.	689314.	36310.	11714.	-2888.	0.	654.	49948.	237473.	47106.
1973	10	1.00	87828.	3088.	59572.	689314.	394483.	11378.	-7893.	0.	635.	446404.	237473.	415790.
1973	11	1.00	15714.	8235.	5258.	689314.	59692.	10414.	6738.	0.	581.	46268.	237473.	43610.
1973	12	1.00	8399.	8227.	1406.	687486.	19639.	10330.	6709.	0.	576.	2201.	237473.	2624.
1974	1	1.00	7266.	2058.	2376.	689314.	7505.	10120.	-192.	740.	565.	0.	236686.	1253.
1974	2	.98	5165.	7958.	1406.	684521.	0.	9282.	6023.	2137.	518.	0.	220651.	2505.
1974	3	1.00	14442.	3344.	4432.	689314.	37816.	11253.	-2501.	0.	628.	13579.	237473.	13256.
1974	4	.97	3030.	8970.	1406.	681374.	3992.	11784.	7906.	1179.	658.	0.	222002.	1754.
1974	5	.95	10227.	7151.	1406.	682450.	17679.	12189.	4730.	24590.	680.	0.	199578.	23548.
1974	6	.90	3596.	12451.	1406.	671595.	2196.	12651.	3259.	24023.	706.	0.	163248.	23047.
1974	7	.86	722.	15043.	1406.	655273.	1080.	14342.	10162.	3988.	800.	0.	137242.	4509.
1974	8	.95	31134.	6288.	1406.	678119.	83900.	14328.	2508.	4528.	800.	0.	201184.	5010.
1974	9	1.00	71154.	7463.	36905.	689314.	121077.	11714.	-1540.	0.	654.	99831.	237473.	93496.
1974	10	.99	8348.	5404.	2070.	689314.	7271.	11378.	4929.	4166.	635.	0.	226340.	4509.
1974	11	.99	7564.	2831.	3328.	689314.	17467.	10414.	2642.	3685.	581.	0.	230393.	4008.
1974	12	.98	6587.	3345.	2279.	689314.	6655.	10330.	2070.	4229.	576.	0.	222699.	4509.
1975	1	.98	6410.	4117.	1612.	689314.	5940.	10120.	2226.	2086.	565.	0.	215818.	2505.
1975	2	.98	21313.	4117.	12089.	689314.	5572.	9282.	3872.	2137.	518.	0.	218188.	2505.
1975	3	.96	5529.	7703.	1406.	685140.	4898.	11253.	5821.	3096.	628.	0.	204323.	3507.
1975	4	.94	5538.	7161.	1406.	681516.	5280.	11784.	6533.	3064.	658.	0.	189627.	3507.
1975	5	1.00	55024.	4375.	30125.	689314.	74587.	12189.	4645.	9147.	680.	15443.	237473.	23548.
1975	6	1.00	21938.	7977.	9814.	689314.	108813.	12651.	6545.	0.	706.	87799.	237473.	82359.
1975	7	1.00	9641.	10024.	1406.	686931.	65134.	14342.	6545.	0.	800.	44089.	237473.	41803.
1975	8	.98	4389.	11244.	1406.	678076.	13244.	14328.	3058.	1834.	800.	0.	232903.	2505.
1975	9	.96	8953.	8389.	1406.	676641.	8359.	11714.	4667.	11688.	654.	0.	214599.	11524.
1975	10	.93	4208.	8861.	1406.	669988.	3222.	11378.	7324.	9015.	635.	0.	191510.	9019.
1975	11	.91	3788.	8301.	1406.	663475.	11398.	10414.	6409.	3685.	581.	0.	183806.	4008.
1975	12	.89	3601.	4507.	1406.	660569.	0.	10330.	3050.	4229.	576.	0.	167603.	4509.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR — RUN2 — ** FINAL **

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1976	1	.88	3760.	5739.	1406.	656590.	4060.	10120.	4092.	2086.	565.	0.	156770.	2505.
1976	2	.85	2127.	7691.	1406.	649027.	0.	9282.	5028.	2137.	518.	0.	141729.	2505.
1976	3	.83	1834.	6650.	1406.	642211.	0.	11253.	4333.	3096.	628.	0.	124454.	3507.
1976	4	.85	20234.	1980.	1406.	658465.	13739.	11784.	-3703.	3064.	658.	0.	128454.	3507.
1976	5	.90	59994.	4357.	17426.	689314.	33205.	12189.	152.	24590.	680.	0.	142154.	23548.
1976	6	.84	6324.	14083.	1406.	679555.	1091.	12651.	4759.	24023.	706.	0.	103218.	23047.
1976	7	.98	65453.	4375.	36078.	689314.	89824.	14342.	-6106.	3988.	800.	0.	216897.	4509.
1976	8	1.00	17934.	14925.	2115.	689314.	55173.	14328.	11274.	0.	800.	6582.	237473.	6921.
1976	9	1.00	9256.	7462.	1406.	689108.	96730.	11714.	5390.	0.	654.	75539.	237473.	70905.
1976	10	1.00	40525.	3345.	25993.	689314.	124642.	11378.	-4043.	0.	635.	139133.	237473.	130028.
1976	11	1.00	32483.	772.	22293.	689314.	243951.	10414.	-3273.	0.	581.	257572.	237473.	240123.
1976	12	1.00	21599.	772.	14641.	689314.	97225.	10330.	-2695.	0.	576.	102427.	237473.	95833.
1977	1	1.00	16730.	-772.	12304.	689314.	35617.	10120.	-385.	0.	565.	37446.	237473.	35389.
1977	2	1.00	13571.	4375.	6465.	689314.	20144.	9282.	1925.	0.	518.	14612.	237473.	14107.
1977	3	1.00	11776.	6691.	3575.	689314.	14179.	11253.	5173.	1092.	628.	118.	237473.	1754.
1977	4	1.00	111433.	515.	77976.	689314.	198831.	11784.	3080.	0.	658.	259005.	237473.	241532.
1977	5	1.00	33294.	5147.	19788.	689314.	66408.	12189.	3465.	0.	680.	58612.	237473.	55189.
1977	6	1.00	12575.	9521.	2147.	689314.	27814.	12651.	7066.	11632.	706.	0.	236086.	11524.
1977	7	.96	5795.	17631.	1406.	675478.	5700.	14342.	12242.	3988.	800.	0.	212620.	4509.
1977	8	.91	2698.	19358.	1406.	656819.	1209.	14328.	13005.	4528.	800.	0.	183374.	5010.
1977	9	.86	3541.	14600.	1406.	643760.	527.	11714.	6823.	11688.	654.	0.	155081.	11524.
1977	10	.84	8591.	10306.	1406.	640045.	3676.	11378.	2964.	9015.	635.	0.	136806.	9019.
1977	11	.83	9593.	6372.	1406.	641267.	11486.	10414.	3902.	3685.	581.	0.	131696.	4008.
1977	12	.82	5980.	7100.	1406.	638147.	3162.	10330.	4356.	4229.	576.	0.	117349.	4509.
1978	1	.81	5806.	2202.	1406.	639751.	3460.	10120.	422.	2086.	565.	0.	109586.	2505.
1978	2	.80	4363.	2448.	1406.	639666.	2605.	9282.	957.	2137.	518.	0.	101221.	2505.
1978	3	.77	3175.	9265.	1406.	631576.	2511.	11253.	4704.	3096.	628.	0.	86086.	3507.
1978	4	.75	2327.	7740.	1406.	624163.	2825.	11784.	2833.	3064.	658.	0.	72636.	3507.
1978	5	.71	2174.	10545.	1406.	613792.	6305.	12189.	3673.	24590.	680.	0.	39895.	23548.
1978	6	.78	61248.	8564.	1406.	664476.	60626.	12651.	2291.	24023.	706.	0.	62962.	23047.
1978	7	.75	1979.	15689.	1406.	648766.	5918.	14342.	5793.	3988.	800.	0.	46163.	4509.
1978	8	.82	53621.	10090.	2097.	689314.	42129.	14328.	4305.	4528.	800.	0.	67229.	5010.
1978	9	.86	22565.	3603.	13331.	689314.	49909.	11714.	116.	11688.	654.	0.	106950.	11524.
1978	10	.83	1915.	7945.	1406.	681284.	704.	11378.	2629.	9015.	635.	0.	86038.	9019.
1978	11	.82	2640.	3059.	1406.	678865.	5503.	10414.	2049.	3685.	581.	0.	76799.	4008.
1978	12	.80	2510.	3559.	1406.	675817.	1894.	10330.	1336.	4229.	576.	0.	64204.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1979	1	.80	5066.	254.	1406.	678629.	7516.	10120.	-879.	2086.	565.	0.	61798.	2505.
1979	2	.79	3035.	2035.	1406.	677628.	2342.	9282.	163.	2137.	518.	0.	53964.	2505.
1979	3	.78	11232.	5604.	1406.	681256.	32.	11253.	1049.	3096.	628.	0.	40004.	3507.
1979	4	.83	31868.	1544.	15653.	689314.	40147.	11784.	84.	3064.	658.	0.	80872.	3507.
1979	5	.82	10600.	6433.	2929.	689314.	20246.	12189.	1090.	24590.	680.	0.	66178.	23548.
1979	6	1.00	79525.	7720.	50479.	689314.	162327.	12651.	7086.	24023.	706.	0.	235225.	23047.
1979	7	.98	9577.	10023.	1406.	686868.	5125.	14342.	2265.	3988.	800.	0.	221161.	4509.
1979	8	.94	2451.	13767.	1406.	673552.	4652.	14328.	8691.	4528.	800.	0.	199672.	5010.
1979	9	.91	1561.	9325.	1406.	663788.	1445.	11714.	-350.	11688.	654.	0.	179471.	11524.
1979	10	.87	962.	14188.	1406.	648561.	2473.	11378.	8895.	9015.	635.	0.	154062.	9019.
1979	11	.84	1113.	7625.	1406.	640049.	0.	10414.	5576.	3685.	581.	0.	135793.	4008.
1979	12	.82	2612.	3668.	1406.	636993.	3972.	10330.	2521.	4229.	576.	0.	124091.	4509.
1980	1	.81	3083.	1465.	1406.	636612.	0.	10120.	-3777.	2086.	565.	0.	117067.	2505.
1980	2	.80	1479.	3653.	1406.	632438.	0.	9282.	1395.	2137.	518.	0.	105659.	2505.
1980	3	.77	538.	7740.	1406.	623236.	0.	11253.	3885.	3096.	628.	0.	88831.	3507.
1980	4	.73	246.	11001.	1406.	610481.	0.	11784.	4890.	3064.	658.	0.	70499.	3507.
1980	5	.93	96850.	3982.	9867.	689314.	129578.	12189.	2872.	24590.	680.	0.	170294.	23548.
1980	6	.90	8591.	18923.	1406.	676982.	30987.	12651.	12589.	24023.	706.	0.	153425.	23047.
1980	7	.84	9.	20356.	1406.	654635.	3035.	14342.	13386.	3988.	800.	0.	126149.	4509.
1980	8	.99	36246.	8308.	1406.	680573.	314054.	14328.	-385.	0.	800.	185666.	237473.	173468.
1980	9	1.00	17144.	8445.	1406.	687271.	20357.	11714.	-963.	0.	654.	5519.	237473.	5786.
1980	10	.97	9251.	10256.	1406.	684266.	371.	11378.	8596.	4166.	635.	0.	215110.	4509.
1980	11	.95	820.	2555.	1406.	680531.	735.	10414.	1453.	3685.	581.	0.	201698.	4008.
1980	12	.93	735.	3562.	1406.	675705.	4956.	10330.	3359.	4229.	576.	0.	190143.	4509.
1981	1	.92	1607.	1521.	1406.	673790.	1363.	10120.	-869.	2086.	565.	0.	181574.	2505.
1981	2	.91	822.	2781.	1406.	669831.	1081.	9282.	341.	2137.	518.	0.	172302.	2505.
1981	3	.89	1980.	3526.	1406.	666285.	2304.	11253.	1497.	3096.	628.	0.	160166.	3507.
1981	4	.89	20377.	4051.	1406.	680611.	2124.	11784.	3818.	3064.	658.	0.	145031.	3507.
1981	5	1.00	45909.	3603.	23623.	689314.	169403.	12189.	-3014.	0.	680.	66819.	237473.	62822.
1981	6	1.00	130166.	4117.	88612.	689314.	350103.	12651.	-5390.	0.	706.	419823.	237473.	391141.
1981	7	1.00	29639.	11837.	12515.	689314.	139864.	14342.	2888.	0.	800.	133585.	237473.	125035.
1981	8	.99	5895.	10515.	1406.	682694.	16755.	14328.	4020.	1834.	800.	0.	235452.	2505.
1981	9	.98	5402.	11707.	1406.	674389.	67608.	11714.	10203.	0.	654.	33388.	237473.	31705.
1981	10	1.00	52596.	4375.	23407.	689314.	73254.	11378.	193.	0.	635.	80924.	237473.	75894.
1981	11	1.00	7109.	6941.	1406.	687482.	43940.	10414.	6160.	0.	581.	27242.	237473.	25916.
1981	12	.99	5966.	5646.	1406.	685802.	9648.	10330.	3818.	1805.	576.	0.	232574.	2255.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1982	1	.98	6079.	5892.	1406.	683989.	8731.	10120.	5089.	2086.	565.	0.	225415.	2505.
1982	2	.98	5391.	513.	1406.	686867.	9721.	9282.	-188.	2137.	518.	0.	225311.	2505.
1982	3	.97	5040.	5384.	1406.	684523.	9631.	11253.	3907.	3096.	628.	0.	218092.	3507.
1982	4	.96	4327.	3583.	1406.	683267.	4747.	11784.	2743.	3064.	658.	0.	206654.	3507.
1982	5	1.00	13401.	4619.	1923.	689314.	95645.	12189.	-578.	0.	680.	30548.	237473.	29089.
1982	6	.97	4917.	11529.	1406.	680702.	14920.	12651.	10668.	11632.	706.	0.	218848.	11524.
1982	7	.92	2858.	20209.	1406.	661351.	2304.	14342.	15263.	3988.	800.	0.	188965.	4509.
1982	8	.87	1687.	17361.	1406.	643677.	3035.	14328.	13386.	4528.	800.	0.	161164.	5010.
1982	9	.83	1809.	12699.	1406.	630788.	7407.	11714.	10117.	11688.	654.	0.	136458.	11524.
1982	10	.83	12674.	244.	1406.	641218.	14384.	11378.	4464.	9015.	635.	0.	127391.	9019.
1982	11	.82	705.	2692.	1406.	637231.	6182.	10414.	2463.	3685.	581.	0.	118417.	4008.
1982	12	.80	1341.	5113.	1406.	631459.	4029.	10330.	3346.	4229.	576.	0.	105946.	4509.
1983	1	.78	1733.	2909.	1406.	628283.	0.	10120.	2065.	2086.	565.	0.	93080.	2505.
1983	2	.77	2170.	0.	1406.	628453.	525.	9282.	-235.	2137.	518.	0.	83827.	2505.
1983	3	.76	2359.	2418.	1406.	626395.	7519.	11253.	2020.	3096.	628.	0.	76384.	3507.
1983	4	.73	670.	11516.	1406.	613549.	139.	11784.	4413.	3064.	658.	0.	58668.	3507.
1983	5	.68	0.	7824.	1406.	603724.	4561.	12189.	2559.	24590.	680.	0.	25297.	23548.
1983	6	.62	9527.	8736.	34376.	555616.	0.	12651.	0.	24023.	706.	0.	23000.	23047.
1983	7	.59	321.	10570.	16138.	522410.	3608.	14342.	1801.	3988.	800.	0.	22615.	4509.
1983	8	.55	39.	10225.	14449.	491671.	6850.	14328.	2513.	4528.	800.	0.	22546.	5010.
1983	9	.61	16923.	7155.	1406.	499439.	65388.	11714.	2032.	11688.	654.	0.	63906.	11524.
1983	10	.60	659.	5054.	1406.	493043.	18722.	11378.	1893.	9015.	635.	0.	61747.	9019.
1983	11	.59	73.	3558.	1406.	487558.	8509.	10414.	2511.	3685.	581.	0.	55053.	4008.
1983	12	.56	49.	3744.	1406.	481863.	0.	10330.	1273.	4229.	576.	0.	40627.	4509.
1984	1	.56	0.	1242.	1406.	478621.	7603.	10120.	-62.	2086.	565.	0.	37491.	2505.
1984	2	.54	0.	4530.	1406.	472091.	1996.	9282.	1321.	2137.	518.	0.	28154.	2505.
1984	3	.51	0.	6905.	8298.	453382.	2538.	11253.	1808.	3096.	628.	0.	22834.	3507.
1984	4	.48	0.	9435.	16715.	420171.	0.	11784.	2201.	3064.	658.	0.	22500.	3507.
1984	5	.42	0.	8318.	31416.	367163.	7077.	12189.	2150.	24535.	731.	0.	22119.	23548.
1984	6	.37	0.	10773.	24909.	320958.	13595.	12651.	1737.	23966.	759.	0.	22269.	23047.
1984	7	.35	19.	9216.	4713.	305057.	12735.	12908.	2302.	1592.	774.	0.	22916.	2255.
1984	8	.32	0.	11747.	13935.	273487.	3304.	12895.	2881.	1862.	774.	0.	22517.	2505.
1984	9	.28	0.	8608.	16479.	241438.	1469.	10543.	1829.	5515.	633.	0.	22579.	5762.
1984	10	.37	59683.	1037.	1406.	298084.	34076.	10241.	-797.	4188.	614.	0.	44430.	4509.
1984	11	.37	0.	2348.	1406.	293735.	12534.	9893.	1155.	1517.	594.	0.	45804.	2004.
1984	12	.36	0.	1243.	1406.	290492.	5161.	9814.	529.	1791.	589.	0.	40238.	2255.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN2 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1985	1	.39	27754.	476.	1406.	315770.	12265.	9614.	-859.	727.	577.	0.	44427.	1253.
1985	2	.38	1210.	1136.	1406.	313844.	3646.	8818.	-462.	778.	529.	0.	40345.	1253.
1985	3	.39	3654.	1134.	1406.	314364.	20293.	10127.	615.	1232.	608.	0.	50070.	1754.
1985	4	.45	6998.	1626.	1406.	317736.	51955.	10605.	-5235.	1201.	636.	0.	96858.	1754.
1985	5	.51	5492.	3100.	1406.	318128.	96893.	12189.	884.	24535.	731.	0.	157549.	23548.
1985	6	.53	2759.	-3277.	1406.	322163.	49767.	12651.	2471.	24023.	706.	0.	169577.	23047.
1985	7	.55	8911.	9189.	1406.	319885.	43836.	14342.	10635.	3988.	800.	0.	185855.	4509.
1985	8	.50	687.	12450.	1406.	306122.	1569.	14328.	12628.	4528.	800.	0.	157346.	5010.
1985	9	.49	21947.	3404.	1406.	322665.	0.	11714.	4640.	11688.	654.	0.	130710.	11524.
1985	10	.62	71023.	2270.	1406.	389418.	74059.	11378.	163.	8963.	683.	0.	185670.	9019.
1985	11	.68	8123.	-1663.	1406.	397204.	108345.	10414.	-765.	0.	581.	44614.	237473.	42072.
1985	12	.68	551.	2594.	1406.	393161.	13395.	10330.	3451.	1805.	576.	0.	236688.	2255.
1986	1	.66	1274.	2580.	1406.	389856.	0.	10120.	3590.	2086.	565.	0.	222297.	2505.
1986	2	.65	0.	4026.	1406.	383830.	6277.	9282.	2041.	2137.	518.	0.	216520.	2505.
1986	3	.62	0.	7237.	1406.	374593.	0.	11253.	7727.	3096.	628.	0.	195850.	3507.
1986	4	.59	0.	5894.	1406.	366699.	1478.	11784.	6395.	3064.	658.	0.	177491.	3507.
1986	5	.54	1410.	1949.	1406.	364160.	1039.	12189.	4524.	24590.	680.	0.	138633.	23548.
1986	6	.58	39629.	-2187.	1406.	403976.	32572.	12651.	2871.	24023.	706.	0.	133067.	23047.
1986	7	.54	1416.	13191.	1406.	390201.	2372.	14342.	11849.	3988.	800.	0.	106665.	4509.
1986	8	.50	1204.	12565.	1406.	376840.	1339.	14328.	7012.	4528.	800.	0.	83543.	5010.
1986	9	.47	10707.	10264.	1406.	375283.	0.	11714.	3315.	11635.	703.	0.	58285.	11524.
1986	10	.53	64227.	-1131.	1406.	438641.	11889.	11378.	1084.	8963.	683.	0.	50154.	9019.
1986	11	.53	2730.	2362.	1406.	437009.	14966.	10414.	299.	3685.	581.	0.	52129.	4008.
1986	12	.57	31026.	-2410.	1406.	468445.	22184.	10330.	-649.	4229.	576.	0.	61809.	4509.
1987	1	.58	11204.	1642.	1406.	476007.	10990.	10120.	598.	2086.	565.	0.	61400.	2505.
1987	2	.59	5537.	-2274.	1406.	481818.	14970.	9282.	-1718.	2137.	518.	0.	68075.	2505.
1987	3	.60	8485.	4360.	1406.	483943.	15039.	11253.	2297.	3096.	628.	0.	67875.	3507.
1987	4	.57	5701.	7880.	1406.	479764.	0.	11784.	1422.	3064.	658.	0.	53010.	3507.
1987	5	.57	17295.	2500.	1406.	492559.	15801.	12189.	-1083.	24590.	680.	0.	34522.	23548.
1987	6	1.00	495187.	-3860.	212511.	689314.	131940.	12651.	-7428.	0.	706.	112255.	237473.	105103.
1987	7	1.00	78727.	12609.	46481.	689314.	70508.	14342.	8085.	0.	800.	92998.	237473.	87288.
1987	8	.98	20346.	17756.	1821.	689314.	10754.	14328.	13095.	1834.	800.	0.	220791.	2505.
1987	9	.97	11981.	10292.	1406.	689003.	18292.	11714.	8942.	11688.	654.	0.	208145.	11524.
1987	10	.94	6306.	14332.	1406.	678977.	5964.	11378.	5150.	9015.	635.	0.	189972.	9019.
1987	11	.93	7847.	4840.	1406.	679984.	7328.	10414.	1736.	3685.	581.	0.	182870.	4008.
1987	12	.92	8261.	3828.	1406.	682417.	3887.	10330.	2888.	4229.	576.	0.	170716.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.91	8310.	4603.	1406.	684123.	2732.	10120.	2485.	2086.	565.	0.	160162.	2505.
1988	2	.90	7609.	4099.	1406.	685634.	783.	9282.	2085.	2137.	518.	0.	148847.	2505.
1988	3	.88	6073.	6657.	1406.	683050.	921.	11253.	4288.	3096.	628.	0.	132538.	3507.
1988	4	.86	3392.	6884.	1406.	677558.	2546.	11784.	5788.	3064.	658.	0.	115854.	3507.
1988	5	.81	6383.	5590.	1406.	676351.	0.	12189.	4207.	24590.	680.	0.	76274.	23548.
1988	6	.76	8164.	13662.	1406.	668853.	0.	12651.	3473.	24023.	706.	0.	37533.	23047.
1988	7	.75	23420.	11360.	6407.	671799.	0.	14342.	2740.	3988.	800.	0.	22870.	4509.
1988	8	.71	5157.	15167.	16528.	638279.	4366.	14328.	2442.	4528.	800.	0.	22466.	5010.
1988	9	.68	724.	9625.	15476.	607363.	8559.	11714.	128.	11688.	654.	0.	22971.	11524.
1988	10	.65	2390.	8854.	16768.	577047.	4748.	11378.	1431.	9015.	635.	0.	22663.	9019.
1988	11	.63	0.	8402.	6243.	559764.	9671.	10414.	1588.	3685.	581.	0.	22890.	4008.
1988	12	.62	0.	5601.	1406.	552163.	18030.	10330.	810.	4229.	576.	0.	26957.	4509.
1989	1	.63	2578.	669.	1406.	552072.	15243.	10120.	304.	2086.	565.	0.	31095.	2505.
1989	2	.62	4085.	2679.	565.	552674.	4197.	9282.	1421.	2137.	518.	0.	23017.	2505.
1989	3	.61	6267.	6884.	7160.	541872.	9523.	11253.	2527.	3096.	628.	0.	22824.	3507.
1989	4	.60	11752.	6164.	8445.	535448.	8649.	11784.	2281.	3064.	658.	0.	22789.	3507.
1989	5	.56	7638.	14173.	24662.	493833.	14432.	12189.	3460.	24590.	680.	0.	21643.	23548.
1989	6	.53	8904.	11586.	17906.	465680.	22324.	12651.	3020.	24023.	706.	0.	22179.	23047.
1989	7	.53	6907.	14390.	1406.	456197.	31430.	14342.	4050.	3988.	800.	0.	32635.	4509.
1989	8	.52	6922.	12846.	1406.	448273.	27912.	14328.	4969.	4528.	800.	0.	38128.	5010.
1989	9	.50	154.	10888.	1406.	435539.	13373.	11714.	4088.	11688.	654.	0.	25417.	11524.
1989	10	.48	1903.	7385.	5943.	421603.	13532.	11378.	1653.	8963.	683.	0.	22897.	9019.
1989	11	.47	1288.	3061.	4473.	413467.	10846.	10414.	1223.	3638.	625.	0.	22941.	4008.
1989	12	.47	74.	0.	3662.	408332.	11438.	10330.	554.	4182.	620.	0.	22975.	4509.

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.033$	.072$	.067$	.068$	.106$	.173$	.170$	.093$	.086$	.061$	.037$	
MAX $	6678.$	7958.$	10532.$	11516.$	14173.$	18923.$	20356.$	19358.$	15826.$	14332.$	8977.$	8227.$	114692.$
MIN $	-6433.$	-4117.$	257.$	-5228.$	-6926.$	-12867.$	-3345.$	4857.$	-19300.$	-5147.$	-2455.$	-16061.$	18687.$
MEAN $	2423.$	2446.$	5293.$	4942.$	4990.$	7760.$	12694.$	12471.$	6803.$	6280.$	4473.$	2722.$	73298.$
GMEAN $	1034.$	591.$	4348.$	2547.$	1340.$	3183.$	10410.$	11697.$	2781.$	2692.$	2627.$	700.$	69209.$
MEDIAN$	2519.$	2560.$	5735.$	5186.$	5155.$	7849.$	12628.$	12884.$	7462.$	6176.$	4525.$	3383.$	75956.$
STDDEV$	2491.9$	2574.5$	2442.9$	3533.0$	4175.2$	5572.5$	4485.9$	4093.2$	6295.1$	4404.8$	2805.1$	3659.6$	21565.1$
SKEW $	-.11$	-.13$	-.54$	-.21$	-.12$	-.05$	.04$	-.30$	-.31$	.07$	-.06$	-.54$	-.37$
CCR RELEASE-ADJ													
PER % $	.032$	.053$	.034$	.069$	.111$	.235$	.117$	.058$	.115$	.112$	.036$	.028$	
MAX $	13387.$	70785.$	15019.$	77976.$	98323.$	395159.$	100204.$	96542.$	74360.$	83719.$	25840.$	14641.$	598496.$
MIN $	1406.$	565.$	1406.$	1406.$	1406.$	1406.$	1406.$	959.$	1406.$	1406.$	1406.$	1406.$	16872.$
MEAN $	2543.$	4172.$	2686.$	5437.$	8737.$	18490.$	9205.$	4527.$	9065.$	8847.$	2827.$	2165.$	78700.$
GMEAN $	1849.$	1986.$	1892.$	2233.$	2952.$	3355.$	2706.$	2090.$	2715.$	2877.$	1840.$	1702.$	45230.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	34288.$
STDDEV$	3001.4$	10117.2$	3263.8$	13227.7$	17408.0$	59502.7$	20480.0$	12911.3$	18828.9$	17793.6$	4641.4$	2592.0$	99308.8$
SKEW $	1.14$	.82$	1.18$	.91$	1.26$	.86$	1.14$	.73$	1.22$	1.25$	.92$	.88$	1.34$
CCR E-O-M													
PER % $	.084$	.084$	.083$	.083$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	689314.$	8238326.$
MIN $	131022.$	135064.$	131364.$	133832.$	182290.$	164437.$	141633.$	137181.$	132055.$	133291.$	136504.$	133265.$	1965511.$
MEAN $	576812.$	574354.$	568716.$	568166.$	575541.$	579853.$	571717.$	565758.$	572489.$	575372.$	572024.$	570368.$	6871169.$
GMEAN $	546564.$	543672.$	537231.$	537453.$	546699.$	548861.$	538017.$	530912.$	542143.$	546384.$	542880.$	540780.$	6546987.$
MEDIAN$	638182.$	633633.$	630213.$	621124.$	638750.$	657086.$	653073.$	644839.$	632921.$	639225.$	637029.$	634826.$	7718129.$
STDDEV$	147812.8$	149080.0$	150405.1$	149945.5$	148947.6$	152382.9$	156679.6$	159014.0$	149063.3$	145756.1$	146154.6$	147066.2$	1719338.0$
SKEW $	-1.25$	-1.19$	-1.23$	-1.06$	-1.27$	-1.52$	-1.56$	-1.49$	-1.22$	-1.31$	-1.33$	-1.31$	-1.48$
SYSTEM RETURN FLOWS													
PER % $	.073$	.067$	.080$	.084$	.087$	.090$	.102$	.102$	.083$	.082$	.075$	.074$	
MAX $	607.$	557.$	675.$	707.$	731.$	759.$	861.$	860.$	703.$	683.$	625.$	620.$	8068.$
MIN $	565.$	518.$	608.$	566.$	658.$	607.$	688.$	688.$	562.$	614.$	581.$	576.$	7346.$
MEAN $	567.$	521.$	627.$	655.$	682.$	704.$	799.$	799.$	651.$	637.$	584.$	579.$	7805.$

GMEAN $	567.$	520.$	627.$	654.$	682.$	704.$	798.$	798.$	650.$	637.$	584.$	579.$	7804.$
MEDIAN$	565.$	518.$	628.$	658.$	680.$	706.$	800.$	800.$	654.$	635.$	581.$	576.$	7800.$
STDDEV$	6.6$	7.8$	11.1$	15.3$	15.1$	22.7$	25.7$	27.0$	20.2$	15.3$	10.2$	8.7$	100.0$
SKEW $	.93$	.99$	-.13$	-.59$	.34$	-.20$	-.20$	-.07$	-.45$	.48$	.96$	.99$	.14$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.073$	.067$	.080$	.084$	.087$	.090$	.102$	.102$	.083$	.081$	.075$	.074$	
MAX $	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
MIN $	9614.$	8818.$	10127.$	9427.$	10970.$	10120.$	11474.$	11462.$	9371.$	10241.$	9893.$	9814.$	123031.$
MEAN $	10066.$	9232.$	11132.$	11616.$	12080.$	12515.$	14188.$	14174.$	11547.$	11277.$	10377.$	10275.$	138479.$
GMEAN $	10065.$	9231.$	11126.$	11605.$	12075.$	12503.$	14175.$	14161.$	11534.$	11272.$	10376.$	10273.$	138432.$
MEDIAN$	10120.$	9282.$	11253.$	11784.$	12189.$	12651.$	14342.$	14328.$	11714.$	11378.$	10414.$	10330.$	139785.$
STDDEV$	156.5$	143.5$	348.0$	468.6$	347.6$	517.1$	586.3$	585.7$	515.8$	324.5$	134.1$	159.8$	3514.7$
SKEW $	-1.04$	-1.04$	-1.04$	-1.08$	-.94$	-.79$	-.79$	-.79$	-.97$	-.94$	-.83$	-1.04$	-1.11$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.030$	.078$	.070$	.059$	.094$	.189$	.174$	.076$	.078$	.077$	.045$	
MAX $	5089.$	6023.$	7727.$	7906.$	9073.$	12589.$	15263.$	14036.$	11131.$	8895.$	7175.$	6709.$	71865.$
MIN $	-6160.$	-7245.$	-2501.$	-5235.$	-5583.$	-22676.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	4292.$
MEAN $	1136.$	1176.$	3053.$	2724.$	2299.$	3688.$	7414.$	6802.$	2989.$	3038.$	3031.$	1779.$	39129.$
GMEAN $	226.$	312.$	1810.$	1256.$	462.$	1617.$	5038.$	4100.$	681.$	1010.$	1384.$	639.$	35693.$
MEDIAN$	1450.$	1408.$	2922.$	3060.$	3072.$	3863.$	7182.$	6656.$	3766.$	3119.$	2576.$	1853.$	38309.$
STDDEV$	2132.5$	2394.1$	1987.1$	2769.9$	3219.9$	5009.4$	4471.8$	4174.3$	5312.6$	3877.9$	2425.9$	2329.1$	15064.9$
SKEW $	-.44$	-.29$	.20$	-.36$	-.72$	-.11$	.16$	.10$	-.44$	-.06$	.56$	-.10$	.16$
LCC RELEASE													
PER % $	.025$	.027$	.040$	.037$	.256$	.235$	.038$	.048$	.117$	.088$	.039$	.050$	
MAX $	2086.$	2137.$	3096.$	3064.$	24590.$	24023.$	3988.$	4528.$	11688.$	9015.$	3685.$	4229.$	96129.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	8277.$
MEAN $	1613.$	1713.$	2592.$	2359.$	16538.$	15146.$	2478.$	3121.$	7544.$	5669.$	2537.$	3206.$	64515.$
GMEAN $	682.$	813.$	1701.$	851.$	1488.$	1196.$	324.$	644.$	730.$	516.$	690.$	1244.$	54873.$
MEDIAN$	2086.$	2137.$	3096.$	3064.$	24590.$	24023.$	3988.$	4528.$	11688.$	8963.$	3685.$	4229.$	68539.$
STDDEV$	775.6$	756.3$	945.4$	1158.5$	10896.5$	10550.0$	1771.2$	1890.8$	5161.7$	4049.6$	1483.2$	1561.4$	28611.9$
SKEW $	-1.83$	-1.68$	-1.60$	-1.83$	-2.22$	-2.52$	-2.56$	-2.23$	-2.41$	-2.44$	-2.32$	-1.97$	-.42$
LCC UNCTRL SPILLS													
PER % $	.031$	.029$	.010$	.035$	.114$	.181$	.095$	.049$	.217$	.186$	.042$	.011$	
MAX $	223155.$	350765.$	164748.$	259005.$	493321.$	1554013.$	424392.$	500529.$	1243894.$	896477.$	257572.$	102427.$	2338917.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	9775.$	9187.$	3277.$	10881.$	35909.$	56640.$	29832.$	15262.$	68029.$	58288.$	13195.$	3436.$	313712.$

GMEAN $	4.$	3.$	2.$	4.$	30.$	23.$	17.$	6.$	26.$	34.$	9.$	4.$	3604.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	95440.$
STDDEV$	36859.6$	47605.3$	21856.1$	41179.7$	88331.3$	216855.1$	78379.6$	71166.7$	198554.2$	151257.9$	42790.8$	14978.3$	508488.7$
SKEW $	.80$	.58$	.45$	.79$	1.22$	.78$	1.14$	.64$	1.03$	1.16$	.93$	.69$	1.29$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.083$	.080$	.077$	.077$	.080$	.085$	.087$	.084$	.088$	.089$	.087$	.083$	
MAX $	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	237473.$	2792616.$
MIN $	22847.$	22830.$	22697.$	22500.$	21643.$	22179.$	22136.$	22466.$	22579.$	22157.$	22706.$	22878.$	308538.$
MEAN $	153860.$	147501.$	142325.$	142915.$	147637.$	157859.$	159970.$	155336.$	162828.$	163820.$	160468.$	154276.$	1848797.$
GMEAN $	127380.$	119935.$	116852.$	118247.$	117814.$	124550.$	127396.$	123924.$	133514.$	136270.$	131938.$	126690.$	1645347.$
MEDIAN$	162148.$	162395.$	146463.$	148249.$	148688.$	164054.$	195917.$	185550.$	182192.$	185140.$	178911.$	169159.$	2046462.$
STDDEV$	72201.0$	72605.0$	70563.9$	69655.4$	78476.7$	80286.1$	78746.6$	77459.8$	75041.1$	74372.8$	75213.3$	73388.6$	702356.9$
SKEW $	-.34$	-.62$	-.18$	-.23$	-.04$	-.23$	-1.37$	-1.17$	-.77$	-.86$	-.74$	-.61$	-.84$
TOTAL INFLOW TO THE BAY													
PER % $	.031$	.030$	.017$	.036$	.138$	.188$	.086$	.050$	.197$	.167$	.042$	.019$	
MAX $	208099.$	326729.$	153844.$	241532.$	459469.$	1445938.$	395485.$	466292.$	1157383.$	834358.$	240123.$	95833.$	2195156.$
MIN $	1253.$	1253.$	1754.$	566.$	11774.$	607.$	688.$	688.$	562.$	4509.$	2004.$	2255.$	52859.$
MEAN $	11158.$	10657.$	6085.$	12967.$	49458.$	67466.$	30847.$	17895.$	70934.$	60117.$	15215.$	6756.$	359555.$
GMEAN $	3192.$	2993.$	3420.$	4291.$	31278.$	25559.$	7607.$	5332.$	18360.$	17155.$	5295.$	4495.$	211767.$
MEDIAN$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	156062.$
STDDEV$	33886.3$	43969.6$	19981.2$	37729.5$	76350.9$	198209.9$	72030.1$	65583.6$	182291.6$	138673.3$	39085.3$	13307.9$	457638.2$
SKEW $	.77$	.56$	.39$	.75$	1.02$	.67$	1.10$	.59$	.98$	1.11$	.86$	.51$	1.33$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.073$	.067$	.080$	.084$	.087$	.090$	.102$	.102$	.083$	.081$	.075$	.074$	
MAX $	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
MIN $	8941.$	8200.$	9419.$	8767.$	10202.$	9412.$	10670.$	10660.$	8715.$	9524.$	9201.$	9127.$	114419.$
MEAN $	9362.$	8586.$	10353.$	10802.$	11235.$	11639.$	13195.$	13182.$	10738.$	10488.$	9650.$	9556.$	128786.$
GMEAN $	9360.$	8585.$	10348.$	10793.$	11230.$	11628.$	13182.$	13170.$	10726.$	10483.$	9650.$	9554.$	128742.$
MEDIAN$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
STDDEV$	145.6$	133.5$	323.7$	435.8$	323.3$	480.9$	545.2$	544.7$	479.7$	301.8$	124.7$	148.6$	3268.7$
SKEW $	-1.04$	-1.04$	-1.04$	-1.08$	-.94$	-.79$	-.79$	-.79$	-.97$	-.94$	-.83$	-1.04$	-1.11$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI						B & E	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75379.$	34139.$	659511.$	323703.$	139785.$	45530.$	79222.$	7800.$	105765.$	219073.$	179838.$
1935$	899837.$	18687.$	598496.$	689314.$	1971228.$	139785.$	28157.$	13078.$	7800.$	2338917.$	229177.$	2195156.$
1936$	282578.$	46375.$	166050.$	689314.$	749398.$	139785.$	25317.$	13157.$	7800.$	672859.$	237473.$	645795.$
1937$	66555.$	84683.$	16872.$	647186.$	128035.$	139785.$	43267.$	95199.$	7800.$	0.$	104129.$	96335.$
1938$	95147.$	102978.$	26824.$	601198.$	325114.$	139785.$	62252.$	56084.$	7800.$	58762.$	124191.$	114607.$
1939$	76749.$	84067.$	16872.$	569880.$	269616.$	139785.$	53119.$	96129.$	7800.$	0.$	121645.$	97200.$
1940$	208894.$	65068.$	19836.$	685490.$	779993.$	139785.$	43386.$	52696.$	7800.$	416520.$	237473.$	444171.$
1941$	446252.$	34042.$	294766.$	678403.$	994963.$	139785.$	18507.$	8277.$	7800.$	1106016.$	209116.$	1044092.$
1942$	342179.$	55379.$	205439.$	672971.$	945113.$	139785.$	30710.$	64755.$	7800.$	896218.$	209158.$	901505.$
1943$	71937.$	88250.$	16872.$	632658.$	161056.$	139785.$	47681.$	96129.$	7800.$	0.$	103491.$	97200.$
1944$	131110.$	74297.$	16872.$	665471.$	630193.$	139785.$	43139.$	79592.$	7800.$	277775.$	198577.$	340151.$
1945$	107492.$	90681.$	16872.$	658282.$	447692.$	139785.$	58697.$	46209.$	7800.$	189875.$	204640.$	227358.$
1946$	323039.$	57769.$	172631.$	677989.$	1010103.$	139785.$	33757.$	17706.$	7800.$	931879.$	213135.$	890914.$
1947$	36172.$	88033.$	16872.$	602128.$	279647.$	139785.$	53494.$	44716.$	7800.$	80285.$	160963.$	124051.$
1948$	42109.$	87942.$	16872.$	532295.$	115220.$	139785.$	31386.$	96129.$	7800.$	0.$	25755.$	97200.$
1949$	218812.$	58665.$	31691.$	647362.$	757726.$	139785.$	42408.$	29741.$	7800.$	367057.$	206158.$	376822.$
1950$	20676.$	100999.$	16872.$	543039.$	188694.$	139785.$	70172.$	96129.$	7800.$	0.$	105638.$	97200.$
1951$	153199.$	83598.$	16872.$	588640.$	338469.$	139785.$	47030.$	96129.$	7800.$	0.$	178035.$	97200.$
1952$	32784.$	86116.$	16872.$	511308.$	143335.$	139785.$	47159.$	96129.$	7800.$	0.$	55170.$	97200.$
1953$	256286.$	76921.$	46562.$	624440.$	468874.$	139785.$	22936.$	69252.$	7860.$	97505.$	223743.$	162944.$
1954$	34820.$	112255.$	16872.$	523005.$	226784.$	139785.$	71865.$	89447.$	7800.$	13025.$	149289.$	103099.$
1955$	39869.$	114692.$	34774.$	398717.$	116167.$	139785.$	41536.$	96031.$	7891.$	0.$	22878.$	97200.$
1956$	53601.$	80037.$	97694.$	233314.$	123426.$	129909.$	21953.$	48456.$	7795.$	0.$	43680.$	52859.$
1957$	423638.$	61341.$	16872.$	571611.$	1248395.$	136511.$	42450.$	11834.$	7833.$	839161.$	225439.$	799259.$
1958$	465123.$	52897.$	207050.$	689314.$	1254231.$	139785.$	25815.$	61329.$	7800.$	1202043.$	237473.$	1182736.$
1959$	129998.$	89201.$	34437.$	681125.$	357269.$	139785.$	53353.$	81526.$	7800.$	117411.$	227349.$	192812.$
1960$	92022.$	60132.$	16872.$	689015.$	415631.$	139785.$	27071.$	79200.$	7800.$	163973.$	237473.$	233951.$
1961$	120225.$	76509.$	66490.$	638152.$	243964.$	139785.$	56120.$	90020.$	7800.$	87229.$	173244.$	172641.$
1962$	9206.$	98986.$	67268.$	452685.$	55431.$	139785.$	37081.$	96129.$	7800.$	0.$	22947.$	97200.$
1963$	29202.$	69830.$	93658.$	278830.$	144897.$	135173.$	31098.$	67826.$	8068.$	0.$	27404.$	71146.$
1964$	24178.$	42832.$	89219.$	133265.$	431593.$	123031.$	24486.$	19165.$	7382.$	164835.$	212511.$	178502.$
1965$	87626.$	29653.$	16872.$	167238.$	231794.$	131946.$	57032.$	22912.$	7917.$	94573.$	131186.$	117178.$
1966$	79291.$	27828.$	16872.$	194701.$	307657.$	133597.$	29930.$	34727.$	8016.$	88283.$	145650.$	122415.$
1967$	393605.$	37178.$	16872.$	527128.$	1678502.$	124685.$	34482.$	16498.$	7346.$	1419560.$	237473.$	1342880.$
1968$	259911.$	59033.$	55782.$	648658.$	489310.$	139785.$	44004.$	50691.$	7800.$	358704.$	162131.$	388537.$
1969$	76660.$	78313.$	16872.$	623005.$	269846.$	139785.$	30602.$	96129.$	7800.$	0.$	182333.$	97200.$
1970$	89373.$	69992.$	16872.$	618386.$	310579.$	139785.$	50578.$	69682.$	7800.$	80610.$	145106.$	147571.$
1971$	462165.$	77553.$	220519.$	689314.$	2266411.$	139785.$	18278.$	58996.$	7800.$	2158689.$	237473.$	2070248.$
1972$	65740.$	71706.$	17274.$	658775.$	254041.$	139785.$	39538.$	55715.$	7800.$	96306.$	152115.$	149180.$
1973$	333411.$	64095.$	169145.$	687486.$	836351.$	139785.$	4292.$	34973.$	7800.$	698858.$	237473.$	690263.$

1974$	169235.$	82307.$	59825.$	689314.$	306638.$	139785.$	39995.$	73264.$	7800.$	113410.$	222699.$	181406.$
1975$	150332.$	86776.$	64887.$	660569.$	306447.$	139785.$	60695.$	49981.$	7800.$	147331.$	167603.$	191301.$
1976$	281523.$	72149.$	126982.$	689314.$	759640.$	139785.$	15207.$	62984.$	7800.$	581254.$	237473.$	606941.$
1977$	235577.$	100841.$	130690.$	638147.$	388753.$	139785.$	63617.$	49857.$	7800.$	369794.$	117349.$	398075.$
1978$	164323.$	84707.$	29488.$	675817.$	184389.$	139785.$	31108.$	96129.$	7800.$	0.$	64204.$	97200.$
1979$	159602.$	82187.$	81715.$	636993.$	250277.$	139785.$	36192.$	96129.$	7800.$	0.$	124091.$	97200.$
1980$	174992.$	100245.$	25333.$	675705.$	504073.$	139785.$	47300.$	75064.$	7800.$	191184.$	190143.$	255411.$
1981$	307468.$	70621.$	159405.$	685802.$	877447.$	139785.$	23663.$	14022.$	7800.$	761781.$	232574.$	729297.$
1982$	60229.$	89837.$	17389.$	631459.$	180736.$	139785.$	70682.$	59148.$	7800.$	30548.$	105946.$	91217.$
1983$	34523.$	73710.$	77617.$	481863.$	115821.$	139785.$	22844.$	96129.$	7800.$	0.$	40627.$	97200.$
1984$	59702.$	75404.$	123495.$	290492.$	102088.$	133572.$	17053.$	75349.$	7836.$	0.$	40238.$	77910.$
1985$	159109.$	32439.$	16872.$	393161.$	476023.$	136511.$	28166.$	83468.$	7881.$	44614.$	236688.$	126997.$
1986$	153623.$	54340.$	16872.$	468445.$	94116.$	139785.$	50058.$	96025.$	7897.$	0.$	61809.$	97200.$
1987$	676877.$	73905.$	273467.$	682417.$	305473.$	139785.$	33984.$	65424.$	7800.$	205253.$	170716.$	259529.$
1988$	71622.$	100504.$	71264.$	552163.$	52356.$	139785.$	31466.$	96129.$	7800.$	0.$	26957.$	97200.$
1989$	58472.$	90725.$	78440.$	408332.$	182899.$	139785.$	29552.$	95984.$	7935.$	0.$	22975.$	97200.$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	88107.$	4648.$	1754.$	7347.$	16356.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	179838.$
1935$	2505.$	2505.$	3507.$	28998.$	160001.$	1445938.$	87573.$	96091.$	326096.$	35429.$	2004.$	4509.$	2195156.$
1936$	2505.$	2505.$	3507.$	3507.$	45986.$	27065.$	304790.$	2505.$	91518.$	151946.$	7706.$	2255.$	645795.$
1937$	1640.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	96335.$
1938$	2505.$	2505.$	3507.$	43289.$	12697.$	11524.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	114607.$
1939$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1940$	2505.$	2505.$	3507.$	3507.$	23548.$	136488.$	209989.$	28525.$	5762.$	9019.$	4008.$	14807.$	444171.$
1941$	1253.$	67051.$	5325.$	149994.$	459469.$	106042.$	65384.$	2505.$	173644.$	6913.$	2004.$	4509.$	1044092.$
1942$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	395485.$	3078.$	411121.$	26688.$	2004.$	4509.$	901505.$
1943$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1944$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	258984.$	4509.$	4008.$	4509.$	340151.$
1945$	2505.$	2505.$	3507.$	49895.$	11774.$	14914.$	2255.$	5010.$	11524.$	116956.$	2004.$	4509.$	227358.$
1946$	2505.$	2505.$	3507.$	3507.$	59237.$	87772.$	2255.$	5549.$	236073.$	481490.$	2004.$	4509.$	890914.$
1947$	2505.$	2505.$	3507.$	3507.$	55645.$	11524.$	15383.$	5917.$	6021.$	9019.$	4008.$	4509.$	124051.$
1948$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1949$	2505.$	2505.$	3507.$	50213.$	174410.$	47311.$	60654.$	12418.$	5762.$	9019.$	4008.$	4509.$	376822.$
1950$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1951$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1952$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1953$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	38628.$	36670.$	17251.$	2255.$	162944.$
1954$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	12913.$	2505.$	11524.$	9019.$	4008.$	4509.$	103099.$
1955$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1956$	2505.$	2505.$	3507.$	1754.$	11774.$	11524.$	2255.$	2505.$	5762.$	4509.$	2004.$	2255.$	52859.$
1957$	1253.$	1253.$	1754.$	1754.$	327015.$	351297.$	2255.$	5010.$	22928.$	54758.$	27730.$	2255.$	799259.$
1958$	208099.$	326729.$	153844.$	1754.$	23548.$	23047.$	39376.$	2505.$	11524.$	222762.$	165379.$	4168.$	1182736.$
1959$	10694.$	1253.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	99699.$	2004.$	4509.$	192812.$
1960$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	46768.$	62749.$	44770.$	233951.$
1961$	31885.$	50321.$	1754.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	172641.$
1962$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1963$	2505.$	2505.$	3507.$	3507.$	23548.$	11524.$	4509.$	5010.$	5762.$	4509.$	2004.$	2255.$	71146.$
1964$	1253.$	1253.$	1754.$	1754.$	11774.$	607.$	688.$	688.$	562.$	153911.$	2004.$	2255.$	178502.$
1965$	1253.$	1253.$	1754.$	1754.$	77404.$	11967.$	2255.$	5010.$	5762.$	4509.$	2004.$	2255.$	117178.$
1966$	1253.$	1253.$	1754.$	566.$	71874.$	11647.$	2255.$	5010.$	11524.$	9019.$	4008.$	2255.$	122415.$
1967$	1253.$	1253.$	1754.$	1754.$	11774.$	607.$	688.$	688.$	1157383.$	156332.$	2004.$	7391.$	1342880.$
1968$	132350.$	18686.$	1754.$	3507.$	183269.$	11524.$	3378.$	5010.$	11524.$	9019.$	4008.$	4509.$	388537.$
1969$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1970$	2505.$	2505.$	3507.$	3507.$	23548.$	75673.$	2255.$	5010.$	11524.$	9019.$	4008.$	4509.$	147571.$
1971$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	53735.$	466292.$	585467.$	834358.$	59179.$	12596.$	2070248.$
1972$	6479.$	1253.$	3507.$	3507.$	84331.$	11524.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	149180.$
1973$	2505.$	2505.$	3507.$	3507.$	23548.$	75510.$	65462.$	4587.$	47106.$	415790.$	43610.$	2624.$	690263.$
1974$	1253.$	2505.$	13256.$	1754.$	23548.$	23047.$	4509.$	5010.$	93496.$	4509.$	4008.$	4509.$	181406.$

1975$	2505.$	2505.$	3507.$	3507.$	23548.$	82359.$	41803.$	2505.$	11524.$	9019.$	4008.$	4509.$	191301.$
1976$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	6921.$	70905.$	130028.$	240123.$	95833.$	606941.$
1977$	35389.$	14107.$	1754.$	241532.$	55189.$	11524.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	398075.$
1978$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1979$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1980$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	173468.$	5786.$	4509.$	4008.$	4509.$	255411.$
1981$	2505.$	2505.$	3507.$	3507.$	62822.$	391141.$	125035.$	2505.$	31705.$	75894.$	25916.$	2255.$	729297.$
1982$	2505.$	2505.$	3507.$	3507.$	29089.$	11524.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	91217.$
1983$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1984$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	2255.$	2505.$	5762.$	4509.$	2004.$	2255.$	77910.$
1985$	1253.$	1253.$	1754.$	1754.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	42072.$	2255.$	126997.$
1986$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1987$	2505.$	2505.$	3507.$	3507.$	23548.$	105103.$	87288.$	2505.$	11524.$	9019.$	4008.$	4509.$	259529.$
1988$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$
1989$	2505.$	2505.$	3507.$	3507.$	23548.$	23047.$	4509.$	5010.$	11524.$	9019.$	4008.$	4509.$	97200.$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1935$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1936$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1937$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1938$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1939$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1940$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1941$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1942$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1943$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1944$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1945$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1946$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1947$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1948$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1949$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1950$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1951$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1952$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1953$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1954$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1955$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1956$	9412.$	8632.$	10465.$	9863.$	10202.$	10589.$	12004.$	11993.$	9805.$	9524.$	9201.$	9127.$	120815.$
1957$	8941.$	8200.$	9419.$	9863.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	126955.$
1958$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1959$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1960$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1961$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1962$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1963$	9412.$	8632.$	10465.$	10959.$	11336.$	10589.$	13338.$	13325.$	9805.$	9524.$	9201.$	9127.$	125711.$
1964$	8941.$	8200.$	9419.$	9863.$	10202.$	9412.$	10670.$	10660.$	8715.$	9524.$	9685.$	9127.$	114419.$
1965$	8941.$	8200.$	9419.$	9863.$	10202.$	11765.$	13338.$	13325.$	9805.$	9524.$	9201.$	9127.$	122710.$
1966$	8941.$	8200.$	9419.$	8767.$	10202.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9127.$	124246.$
1967$	8941.$	8200.$	9419.$	9863.$	10202.$	9412.$	10670.$	10660.$	8715.$	10582.$	9685.$	9607.$	115957.$
1968$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1969$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1970$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1971$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1972$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1973$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1974$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

1975$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1976$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1977$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1978$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1979$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1980$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1981$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1982$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1983$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1984$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	12004.$	11993.$	9805.$	9524.$	9201.$	9127.$	124222.$
1985$	8941.$	8200.$	9419.$	9863.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	126955.$
1986$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1987$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1988$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$
1989$	9412.$	8632.$	10465.$	10959.$	11336.$	11765.$	13338.$	13325.$	10894.$	10582.$	9685.$	9607.$	130000.$

CONDITIONAL PROBABILITY MODELING RUN2 ** FINAL **
FOR LCC & CCR
SUMMARY : SPILL BANKING

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	0.$	94131.$	4441.$	0.$	7193.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	105765.$
1935$	0.$	0.$	0.$	0.$	30473.$	171313.$	1554013.$	93304.$	102464.$	349938.$	37413.$	0.$	2338917.$
1936$	0.$	0.$	0.$	0.$	0.$	48716.$	28343.$	326871.$	0.$	97704.$	162700.$	7661.$	671994.$
1937$	865.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	865.$
1938$	0.$	0.$	0.$	0.$	45841.$	12922.$	0.$	0.$	0.$	0.$	0.$	0.$	58762.$
1939$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1940$	0.$	0.$	0.$	0.$	0.$	0.$	146002.$	224934.$	29812.$	0.$	0.$	470.$	401218.$
1941$	15302.$	56.$	71541.$	5051.$	160576.$	493321.$	113264.$	69445.$	0.$	186011.$	6750.$	0.$	1121317.$
1942$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	424392.$	2450.$	441362.$	28014.$	0.$	896218.$
1943$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1944$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	277775.$	0.$	0.$	277775.$
1945$	0.$	0.$	0.$	0.$	52943.$	8133.$	3723.$	0.$	0.$	0.$	125076.$	0.$	189875.$
1946$	0.$	0.$	0.$	0.$	0.$	62965.$	93619.$	0.$	5107.$	253139.$	517049.$	0.$	931879.$
1947$	0.$	0.$	0.$	0.$	0.$	59102.$	0.$	15681.$	5502.$	0.$	0.$	0.$	80285.$
1948$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1949$	0.$	0.$	0.$	0.$	53286.$	186806.$	50113.$	64359.$	12494.$	0.$	0.$	0.$	367057.$
1950$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1951$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1952$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1953$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	40832.$	38748.$	17925.$	97505.$
1954$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	13025.$	0.$	0.$	0.$	0.$	13025.$
1955$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1956$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1957$	0.$	0.$	0.$	0.$	0.$	350842.$	376979.$	0.$	0.$	23951.$	58197.$	29192.$	839161.$
1958$	0.$	223155.$	350765.$	164748.$	0.$	0.$	0.$	41479.$	0.$	1985.$	238846.$	177202.$	1198181.$
1959$	3862.$	10891.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	106520.$	0.$	121273.$
1960$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	49606.$	66847.$	116453.$
1961$	47520.$	33677.$	53551.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	134749.$
1962$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1963$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1964$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	164835.$	0.$	164835.$
1965$	0.$	0.$	0.$	0.$	0.$	82522.$	12051.$	0.$	0.$	0.$	0.$	0.$	94573.$
1966$	0.$	0.$	0.$	0.$	0.$	76576.$	11707.$	0.$	0.$	0.$	0.$	0.$	88283.$
1967$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	1243894.$	167416.$	923.$	1412233.$
1968$	7327.$	141704.$	19536.$	0.$	0.$	196332.$	1132.$	0.$	0.$	0.$	0.$	0.$	366031.$
1969$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1970$	0.$	0.$	0.$	0.$	0.$	0.$	80610.$	0.$	0.$	0.$	0.$	0.$	80610.$
1971$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	56920.$	500529.$	628832.$	896477.$	63008.$	2145765.$
1972$	12924.$	6359.$	0.$	0.$	0.$	89947.$	0.$	0.$	0.$	0.$	0.$	0.$	109230.$
1973$	0.$	0.$	0.$	0.$	0.$	0.$	80435.$	69529.$	4073.$	49948.$	446404.$	46268.$	696657.$
1974$	2201.$	0.$	0.$	13579.$	0.$	0.$	0.$	0.$	0.$	99831.$	0.$	0.$	115611.$

1975$	0.$	0.$	0.$	0.$	0.$	15443.$	87799.$	44089.$	0.$	0.$	0.$	0.$	147331.$
1976$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	6582.$	75539.$	139133.$	257572.$	478827.$
1977$	102427.$	37446.$	14612.$	118.$	259005.$	58612.$	0.$	0.$	0.$	0.$	0.$	0.$	472220.$
1978$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1979$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1980$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	185666.$	5519.$	0.$	0.$	191184.$
1981$	0.$	0.$	0.$	0.$	0.$	66819.$	419823.$	133585.$	0.$	33388.$	80924.$	27242.$	761781.$
1982$	0.$	0.$	0.$	0.$	0.$	30548.$	0.$	0.$	0.$	0.$	0.$	0.$	30548.$
1983$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1984$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1985$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	44614.$	44614.$
1986$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1987$	0.$	0.$	0.$	0.$	0.$	0.$	112255.$	92998.$	0.$	0.$	0.$	0.$	205253.$
1988$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1989$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK :	0
IBEG :	1934
IEND :	1989
ISKIP :	0
LONGPR :	1
MODE :	0
KSIM :	32
KZONE :	0
FLIMIT :	.05
RTNFLW :	.42
ALOSS :	.93
DEMAND :	160000.
REQREL :	2000.
BEDEMM :	151000.
TOTCAP :	897127.
TOT5 :	627989.
TOT4 :	583133.
TOT3 :	448564.
TOT2 :	358851.
LCCMAX :	212353.
LCC76 :	14973.
LCCMIN :	0.
CCRMAX :	684774.
CCR155 :	3177.
CCRMIN :	3177.

DEMDIS :		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	5000.	5000.	10500.	14500.	35000.	20000.	5000.	5000.	25000.	16000.	5000.	5000.
TRIGGERS		.70	.65	.50	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.07$	.05$	.05$	.07$	.76$
2	.07$	.05$	.06$	.07$	.75$
3	.07$	.05$	.07$	.08$	.74$
4	.07$	.05$	.07$	.11$	.70$
5	.07$	.05$	.08$	.13$	.67$
6	.07$	.06$	.09$	.15$	.63$
7	.07$	.06$	.09$	.28$	.50$
8	.07$	.06$	.09$	.44$	.34$
9	.07$	.06$	.09$	.45$	.33$
10	.09$	.06$	.13$	.49$	.23$
11	.11$	.08$	.29$	.36$	.16$
12	.12$	.09$	.44$	.23$	.12$
13	.14$	.13$	.48$	.17$	.08$
14	.18$	.29$	.35$	.14$	.04$
15	.21$	.43$	.24$	.11$	.02$
16	.26$	.48$	.17$	.08$	.01$
17	.45$	.35$	.15$	.05$	.00$
18	.62$	.24$	.12$	.02$	.00$
19	.72$	.18$	.09$	.01$	.00$
20	.79$	.14$	.06$	.01$	.00$
21	.85$	.12$	.03$	.00$	.00$
22	.89$	.09$	.01$	.00$	.00$
23	.92$	.07$	.01$	.00$	.00$
24	.96$	.04$	.00$	.00$	.00$
25	.98$	.02$	.00$	.00$	.00$
26	.99$	.01$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$
32	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	253$	461$	76$	.376$	.686$	.113$
2$	147$	460$	77$	.219$	.685$	.115$
3$	102$	458$	80$	.152$	.682$	.119$
4$	68$	454$	84$	.101$	.676$	.125$
5$	46$	451$	92$	.068$	.671$	.137$
6$	26$	441$	110$	.039$	.656$	.164$
7$	12$	432$	121$	.018$	.643$	.180$
8$	6$	417$	134$	.009$	.621$	.199$
9$	5$	415$	137$	.007$	.618$	.204$
10$	3$	415$	138$	.004$	.618$	.205$
11$	1$	415$	138$	.001$	.618$	.205$
12$	0$	415$	138$	.000$	.618$	.205$
13$	0$	415$	138$	.000$	.618$	.205$
14$	0$	415$	138$	.000$	.618$	.205$
15$	0$	415$	138$	.000$	.618$	.205$
16$	0$	415$	138$	.000$	.618$	.205$
17$	0$	415$	138$	.000$	.618$	.205$
18$	0$	415$	138$	.000$	.618$	.205$
19$	0$	415$	138$	.000$	.618$	.205$
20$	0$	415$	138$	.000$	.618$	.205$
21$	0$	415$	138$	.000$	.618$	.205$
22$	0$	415$	138$	.000$	.618$	.205$
23$	0$	414$	138$	.000$	.616$	.205$
24$	0$	414$	138$	.000$	.616$	.205$
25$	0$	414$	138$	.000$	.616$	.205$
26$	0$	414$	138$	.000$	.616$	.205$
27$	0$	413$	139$	.000$	.615$	.207$
28$	0$	412$	140$	.000$	.613$	.208$
29$	0$	412$	140$	.000$	.613$	.208$
30$	0$	412$	142$	.000$	.613$	.211$
31$	0$	410$	143$	.000$	.610$	.213$
32$	0$	401$	151$	.000$	.597$	.225$

ENDING ZONE

START

ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	5$	5$	4$	4$	3$	2$	1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	7$	7$	7$	7$	6$	5$	2$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	6$	5$	4$	3$	4$	4$	4$	5$	6$	1$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	1$	1$	2$	2$	0$	2$	2$	3$	3$	6$	2$	1$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	5$	5$	3$	3$	3$	1$	3$	2$	2$	3$	5$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	3$	4$	6$	4$	5$	5$	5$	7$	7$	4$	4$	6$	5$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	1$	1$	1$	3$	3$	5$	3$	3$	3$	5$	5$	3$	3$	6$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	2$	2$	3$	4$	3$	3$	4$	2$	2$	3$	3$	5$	3$	3$	6$	2$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	0$	0$	0$	0$	0$	0$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	2$	1$	1$	0$	2$	2$	3$	3$	3$	2$	3$	4$	5$	3$	3$	6$	3$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	4$	5$	5$	6$	4$	3$	3$	4$	4$	5$	4$	1$	4$	4$	4$	3$	5$	4$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	2$	2$	2$	2$	4$	4$	4$	4$	4$	5$	4$	4$	2$	5$	4$	4$	3$	4$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	2$	1$	1$	1$	1$	2$	2$	2$	2$	1$	4$	4$	3$	2$	4$	3$	3$	3$	4$	5$	1$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
14$	1$	2$	2$	2$	2$	2$	2$	2$	2$	3$	1$	4$	5$	3$	2$	4$	3$	3$	3$	4$	6$	1$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$
15$	2$	2$	2$	1$	1$	1$	1$	1$	1$	1$	4$	1$	3$	4$	4$	2$	4$	3$	4$	2$	3$	5$	2$	2$	0$	1$	0$	0$	0$	0$	0$	0$
16$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	4$	2$	4$	3$	4$	2$	4$	2$	4$	2$	3$	5$	3$	2$	0$	1$	1$	0$	0$	0$	0$
17$	2$	2$	0$	1$	1$	1$	1$	1$	1$	1$	1$	0$	3$	1$	4$	4$	5$	2$	4$	3$	5$	3$	2$	5$	3$	2$	0$	0$	1$	0$	0$	0$
18$	1$	1$	3$	3$	3$	3$	3$	3$	3$	2$	1$	1$	1$	3$	1$	3$	4$	5$	3$	4$	4$	4$	3$	2$	5$	3$	2$	0$	0$	1$	0$	0$
19$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	1$	0$	1$	3$	1$	2$	4$	5$	3$	2$	4$	4$	4$	3$	5$	4$	2$	0$	0$	1$	0$
20$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	3$	3$	1$	1$	1$	3$	1$	2$	3$	4$	3$	2$	5$	2$	3$	3$	4$	4$	2$	2$	0$	1$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	1$	2$	3$	0$	1$	1$	3$	1$	2$	4$	4$	3$	1$	5$	2$	3$	3$	4$	4$	1$	2$	0$

22$		2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	4$	4$	3$	1$	5$	2$	3$	3$
4$	3$	1$	2$																												
23$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	4$	4$	4$	1$	5$	3$	3$
3$	4$	4$	3$																												
24$		2$	2$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	2$	5$	4$	5$	2$	4$	3$	
3$	3$	3$	5$																												
25$		0$	0$	1$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	0$	1$	3$	4$	1$	1$	1$	3$	0$	1$	4$	4$	4$	2$	4$	
3$	4$	5$	5$																												
26$		0$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	2$	1$	2$	1$	0$	2$	3$	1$	1$	1$	3$	1$	1$	3$	4$	5$	3$	
6$	4$	5$	3$																												
27$		0$	0$	0$	0$	1$	1$	1$	1$	1$	0$	0$	0$	2$	1$	2$	1$	0$	2$	3$	1$	1$	2$	2$	2$	1$	3$	3$	5$	
1$	4$	3$	3$																												
28$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	0$	0$	2$	0$	2$	2$	0$	2$	3$	1$	0$	2$	1$	2$	2$	4$	4$	
6$	3$	3$	5$																												
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	3$	1$	2$	3$	1$	3$	4$	2$	1$	3$	2$	2$	2$	3$	
4$	5$	4$	4$																												
30$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	0$	1$	2$	0$	2$	3$	1$	0$	2$	2$	2$	2$
3$	4$	7$	6$																												
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	1$	3$	1$	3$	5$	4$	3$	4$	5$	5$
5$	6$	4$	5$																												
32$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	3$	3$	5$	5$	6$	8$	9$	9$	9$	10$
11$	12$	14$	14$																												

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0893$	.0893$	.0714$	.0714$	.0536$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.1250$	.1250$	.1250$	.1250$	.1250$	.1071$	.0893$	.0357$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.1071$	.0893$	.0714$	.0536$	.0714$	.0714$	.0714$	.0893$	.1071$	.0179$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0179$	.0179$	.0357$	.0357$	.0000$	.0357$	.0357$	.0536$	.0536$	.1071$	.0357$	.0179$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0893$	.0893$	.0536$	.0536$	.0536$	.0179$	.0536$	.0357$	.0357$	.0536$	.0893$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
6$	.0536$	.0714$	.1071$	.0714$	.0893$	.0893$	.0893$	.1250$	.1250$	.0714$	.0714$	.1071$	.0893$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
7$	.0179$	.0179$	.0179$	.0536$	.0536$	.0893$	.0536$	.0536$	.0536$	.0893$	.0893$	.0536$	.0536$	.1071$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$
8$	.0357$	.0357$	.0536$	.0714$	.0536$	.0536$	.0714$	.0357$	.0357$	.0536$	.0536$	.0893$	.0536$	.0536$	.1071$	.0357$	.0357$	.0000$	.0179$	.0179$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0357$	.0179$	.0179$	.0000$	.0357$	.0357$	.0536$	.0536$	.0536$	.0357$	.0536$	.0714$	.0893$	.0536$	.0536$	.1071$	.0536$	.0357$	.0000$	.0000$
11$	.0714$	.0893$	.0893$	.1071$	.0714$	.0536$	.0536$	.0714$	.0714$	.0893$	.0714$	.0179$	.0714$	.0714$	.0714$	.0536$	.0893$	.0714$	.0357$	.0179$
12$	.0357$	.0357$	.0357$	.0357$	.0714$	.0714$	.0714$	.0714$	.0714$	.0893$	.0714$	.0714$	.0357$	.0893$	.0714$	.0714$	.0536$	.0714$	.0714$	.0179$
13$	.0357$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0179$	.0714$	.0714$	.0536$	.0357$	.0714$	.0536$	.0536$	.0536$	.0714$	.0893$
14$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0536$	.0179$	.0714$	.0893$	.0536$	.0357$	.0714$	.0536$	.0536$	.0536$	.0714$
15$	.0357$	.0357$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0714$	.0179$	.0536$	.0714$	.0714$	.0357$	.0714$	.0536$	.0714$	.0357$
16$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0714$	.0357$	.0714$	.0536$	.0714$	.0357$	.0714$	.0357$	.0714$
17$	.0357$	.0357$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0536$	.0179$	.0714$	.0714$	.0893$	.0357$	.0714$	.0536$
18$	.0179$	.0179$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0179$	.0179$	.0179$	.0536$	.0179$	.0536$	.0714$	.0893$	.0536$	.0714$
19$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0000$	.0179$	.0536$	.0179$	.0357$	.0714$	.0893$	.0536$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0536$	.0536$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0536$	.0714$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$	.0357$	.0714$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$	.0179$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$
24$	.0357$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$
25$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0179$	.0179$	.0179$
26$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$
27$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0000$	.0000$	.0357$	.0000$	.0357$	.0357$	.0000$	.0357$	.0536$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0536$	.0179$	.0536$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0000$	.0179$	.0357$	.0000$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0536$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0536$	.0536$	

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0179$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.1071$	.0179$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0536$	.0893$	.0357$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0357$	.0536$	.0893$	.0536$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0893$	.0536$	.0357$	.0893$	.0536$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$
18$	.0714$	.0714$	.0536$	.0357$	.0893$	.0536$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$
19$	.0357$	.0714$	.0714$	.0714$	.0536$	.0893$	.0714$	.0357$	.0000$	.0000$	.0179$	.0000$
20$	.0536$	.0357$	.0893$	.0357$	.0536$	.0536$	.0714$	.0714$	.0357$	.0357$	.0000$	.0179$
21$	.0714$	.0536$	.0179$	.0893$	.0357$	.0536$	.0536$	.0714$	.0714$	.0179$	.0357$	.0000$
22$	.0714$	.0714$	.0536$	.0179$	.0893$	.0357$	.0536$	.0536$	.0714$	.0536$	.0179$	.0357$
23$	.0179$	.0714$	.0714$	.0714$	.0179$	.0893$	.0536$	.0536$	.0536$	.0714$	.0714$	.0536$
24$	.0179$	.0357$	.0893$	.0714$	.0893$	.0357$	.0714$	.0536$	.0536$	.0536$	.0536$	.0893$
25$	.0536$	.0000$	.0179$	.0714$	.0714$	.0714$	.0357$	.0714$	.0536$	.0714$	.0893$	.0893$
26$	.0179$	.0536$	.0179$	.0179$	.0536$	.0714$	.0893$	.0536$	.1071$	.0714$	.0893$	.0536$
27$	.0179$	.0357$	.0357$	.0357$	.0179$	.0536$	.0536$	.0893$	.0179$	.0714$	.0536$	.0536$
28$	.0179$	.0000$	.0357$	.0179$	.0357$	.0357$	.0714$	.0714$	.1071$	.0536$	.0536$	.0893$
29$	.0714$	.0357$	.0179$	.0536$	.0357$	.0357$	.0357$	.0536$	.0714$	.0893$	.0714$	.0714$
30$	.0357$	.0536$	.0179$	.0000$	.0357$	.0357$	.0357$	.0357$	.0536$	.0714$	.1250$	.1071$
31$	.0179$	.0536$	.0893$	.0714$	.0536$	.0714$	.0893$	.0893$	.0893$	.1071$	.0714$	.0893$
32$	.0893$	.0893$	.1071$	.1429$	.1607$	.1607$	.1607$	.1786$	.1964$	.2143$	.2500$	.2500$

STEADY STATE TABLE

S/E ZONE	$	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$
2$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$
3$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$
4$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$
5$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$
6$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$
7$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$
8$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$
9$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$
10$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$
11$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$
12$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$
13$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$
14$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$
15$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$
16$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$
17$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$
18$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$
19$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$
20$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$
21$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$
22$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$
23$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$
24$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$
25$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$
26$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$
27$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$
28$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$
29$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$
30$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$
31$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$
32$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$

STEADY STATE TABLE

S/E ZONE	$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	.0059$	
2$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	.0116$	
3$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	.0104$	
4$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	.0079$	
5$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	.0127$	
6$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	
7$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	.0182$	
8$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	
9$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	.0004$	
10$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	.0213$	
11$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	.0287$	
12$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	
13$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	.0269$	
14$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	.0303$	
15$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	.0301$	
16$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	.0318$	
17$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	.0338$	
18$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	
19$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	
20$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	.0366$	
21$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	.0352$	
22$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	
23$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	.0420$	
24$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	.0457$	
25$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	.0438$	
26$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	.0390$	
27$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	.0331$	
28$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	.0368$	
29$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	.0399$	
30$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	.0347$	
31$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	
32$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	.1082$	

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.005895$	.376488$	.002219$
2$	.011601$	.218750$	.002538$
3$	.010361$	.151786$	.001573$
4$	.007884$	.101190$	.000798$
5$	.012718$	.068452$	.000871$
6$	.020997$	.038690$	.000812$
7$	.018158$	.017857$	.000324$
8$	.020959$	.008929$	.000187$
9$	.000381$	.007440$	.000003$
10$	.021253$	.004464$	.000095$
11$	.028734$	.001488$	.000043$
12$	.030110$	.000000$	.000000$
13$	.026887$	.000000$	.000000$
14$	.030314$	.000000$	.000000$
15$	.030112$	.000000$	.000000$
16$	.031849$	.000000$	.000000$
17$	.033798$	.000000$	.000000$
18$	.038958$	.000000$	.000000$
19$	.039012$	.000000$	.000000$
20$	.036563$	.000000$	.000000$
21$	.035198$	.000000$	.000000$
22$	.039200$	.000000$	.000000$
23$	.041958$	.000000$	.000000$
24$	.045696$	.000000$	.000000$
25$	.043791$	.000000$	.000000$
26$	.038960$	.000000$	.000000$
27$	.033126$	.000000$	.000000$
28$	.036819$	.000000$	.000000$
29$	.039869$	.000000$	.000000$
30$	.034734$	.000000$	.000000$
31$	.045892$	.000000$	.000000$
32$	.108212$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .95$ PER CENT
$AT ANNUAL DEMAND=$ 160000.$

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1934	1	1.00	12609.	-6433.	13387.	684774.	87176.	12456.	-5775.	0.	4865.	93737.	212353.	87826.
1934	2	1.00	4803.	5396.	1406.	682181.	16187.	11424.	3078.	0.	4462.	2513.	212353.	2987.
1934	3	.97	1467.	4350.	1406.	677298.	4204.	13849.	2998.	5474.	5410.	0.	195642.	5740.
1934	4	.99	16227.	-772.	6695.	684774.	26969.	14503.	1669.	9500.	5665.	0.	203634.	9485.
1934	5	.92	865.	10481.	1406.	673158.	4153.	15002.	6434.	31334.	5860.	0.	156423.	29790.
1934	6	.86	1183.	16862.	1406.	655479.	2162.	15570.	9514.	14966.	6082.	0.	119941.	14568.
1934	7	.87	16866.	12983.	1406.	657362.	23466.	17652.	5704.	0.	6895.	0.	121457.	650.
1934	8	.86	1553.	15370.	1406.	641545.	29031.	17634.	8184.	0.	6888.	0.	126076.	650.
1934	9	.82	1344.	10270.	1406.	630619.	15995.	14417.	3231.	20826.	5631.	0.	105001.	20019.
1934	10	.80	7420.	9946.	1406.	626093.	12435.	14004.	5570.	11322.	5470.	0.	87946.	11180.
1934	11	.91	23635.	-2450.	1406.	650178.	89980.	12817.	-2084.	0.	5006.	0.	168598.	650.
1934	12	.92	6166.	-746.	1406.	655091.	11945.	12714.	1689.	36.	4966.	0.	167510.	684.
1935	1	.90	1264.	4476.	1406.	649878.	4187.	12456.	1332.	145.	4865.	0.	159170.	785.
1935	2	.92	9795.	0.	1406.	657673.	18047.	11424.	1987.	578.	4462.	0.	164634.	1188.
1935	3	.92	3229.	3745.	1406.	655157.	18557.	13849.	-1347.	5474.	5410.	0.	166621.	5740.
1935	4	.96	9227.	3248.	1406.	659136.	61121.	14503.	3361.	9500.	5665.	0.	201784.	9485.
1935	5	1.00	124713.	772.	69107.	684774.	130464.	15002.	4043.	0.	5860.	138624.	212353.	129570.
1935	6	1.00	549238.	-12867.	395159.	684774.	1181981.	15570.	-1155.	0.	6082.	1547760.	212353.	1440067.
1935	7	1.00	69573.	13381.	39503.	684774.	79910.	17652.	10203.	0.	6895.	91558.	212353.	85799.
1935	8	1.00	30233.	18270.	8410.	684774.	122344.	17634.	12128.	0.	6888.	100991.	212353.	94572.
1935	9	1.00	82634.	-19300.	71659.	684774.	287015.	14417.	-8470.	0.	5631.	331901.	212353.	309318.
1935	10	1.00	12480.	6176.	4432.	684774.	52953.	14004.	4428.	0.	5470.	27630.	212353.	26346.
1935	11	.98	3349.	4367.	1406.	681756.	3268.	12817.	4141.	0.	5006.	0.	200069.	650.
1935	12	.99	4102.	-3602.	3294.	684774.	11381.	12714.	-3010.	36.	4966.	0.	205004.	684.
1936	1	.98	3472.	3598.	1406.	682648.	3273.	12456.	2041.	145.	4865.	0.	195042.	785.
1936	2	.96	2342.	3843.	1406.	679147.	0.	11424.	2333.	578.	4462.	0.	182113.	1188.
1936	3	.96	2240.	3573.	1406.	675814.	23443.	13849.	356.	5474.	5410.	0.	187283.	5740.
1936	4	.93	3434.	6350.	1406.	670898.	4210.	14503.	2598.	9500.	5665.	0.	166297.	9485.
1936	5	1.00	16544.	-6923.	6742.	684774.	105293.	15002.	-5465.	6225.	5860.	25109.	212353.	29790.
1936	6	1.00	22817.	-772.	16583.	684774.	40085.	15570.	4043.	0.	6082.	22089.	212353.	21193.
1936	7	1.00	139880.	6176.	93994.	684774.	253210.	17652.	4428.	0.	6895.	325125.	212353.	303016.
1936	8	.97	2539.	13285.	1406.	672028.	3925.	17634.	5957.	0.	6888.	0.	194092.	650.
1936	9	1.00	25384.	4614.	5641.	684774.	130406.	14417.	-1925.	0.	5631.	84468.	212353.	79205.
1936	10	1.00	51271.	6176.	31702.	684774.	151548.	14004.	5005.	0.	5470.	152918.	212353.	142864.
1936	11	1.00	7547.	3603.	2773.	684774.	20875.	12817.	4043.	0.	5006.	6788.	212353.	6963.
1936	12	1.00	5108.	2831.	1601.	684774.	13130.	12714.	1729.	0.	4966.	251.	212353.	884.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1937	1	.99	3734.	2572.	1406.	683936.	6686.	12456.	1334.	145.	4865.	0.	206510.	785.
1937	2	.98	2762.	4362.	1406.	680336.	2524.	11424.	2604.	578.	4462.	0.	195834.	1188.
1937	3	.95	3279.	4345.	1406.	677270.	1962.	13849.	2851.	5474.	5410.	0.	177028.	5740.
1937	4	.91	1792.	9641.	1406.	667421.	8.	14503.	6102.	9500.	5665.	0.	148337.	9485.
1937	5	.85	1215.	7041.	1406.	659595.	1488.	15002.	4778.	31334.	5860.	0.	100118.	29790.
1937	6	.82	8179.	11988.	1406.	653787.	12459.	15570.	4908.	14966.	6082.	0.	78539.	14568.
1937	7	.78	725.	12855.	1406.	639656.	1064.	17652.	4603.	0.	6895.	0.	58755.	650.
1937	8	.75	70.	14842.	1406.	622884.	14593.	17634.	4422.	0.	6888.	0.	52697.	650.
1937	9	.70	1317.	14595.	1406.	607607.	3016.	14417.	3399.	20826.	5631.	0.	18476.	20019.
1937	10	.65	1130.	11138.	22344.	565815.	758.	14004.	1755.	11322.	5470.	0.	14496.	11180.
1937	11	.62	337.	6703.	13946.	539611.	0.	12817.	923.	0.	5006.	0.	14701.	650.
1937	12	.77	42015.	-15217.	1406.	594842.	83477.	12714.	-4726.	36.	4966.	0.	91560.	684.
1938	1	.95	48364.	3114.	1406.	638092.	140974.	12456.	2430.	0.	4865.	6556.	212353.	6747.
1938	2	.94	1687.	3180.	1406.	634599.	4416.	11424.	1899.	578.	4462.	0.	204274.	1188.
1938	3	.90	2043.	6327.	1406.	628315.	620.	13849.	4355.	5474.	5410.	0.	182622.	5740.
1938	4	.96	27871.	2700.	1406.	651486.	82600.	14503.	3057.	0.	5665.	27215.	212353.	25959.
1938	5	.95	9357.	6710.	1406.	652133.	38619.	15002.	3216.	31334.	5860.	0.	202826.	29790.
1938	6	.89	622.	14548.	1406.	636207.	0.	15570.	8252.	14966.	6082.	0.	165445.	14568.
1938	7	.84	430.	18395.	1406.	616242.	0.	17652.	12265.	0.	6895.	0.	136935.	650.
1938	8	.85	0.	12360.	1406.	601882.	46564.	17634.	6769.	0.	6888.	0.	160501.	650.
1938	9	.79	194.	11709.	1406.	588368.	2376.	14417.	6154.	20826.	5631.	0.	122885.	20019.
1938	10	.74	0.	12225.	1406.	574143.	0.	14004.	6628.	11322.	5470.	0.	92336.	11180.
1938	11	.72	121.	7967.	1406.	564297.	990.	12817.	3195.	0.	5006.	0.	78720.	650.
1938	12	.72	4458.	0.	1406.	566755.	7955.	12714.	-921.	36.	4966.	0.	76252.	684.
1939	1	.70	1354.	1813.	1406.	564295.	0.	12456.	1044.	145.	4865.	0.	64014.	785.
1939	2	.68	560.	3612.	1406.	559244.	0.	11424.	1673.	578.	4462.	0.	51744.	1188.
1939	3	.65	438.	6945.	1406.	550737.	0.	13849.	1964.	5474.	5410.	0.	31863.	5740.
1939	4	.60	0.	10139.	8888.	527954.	0.	14503.	1992.	9500.	5665.	0.	14756.	9485.
1939	5	.68	9108.	7405.	1406.	527657.	112167.	15002.	2714.	31334.	5860.	0.	79279.	29790.
1939	6	.70	6915.	5443.	1406.	527129.	54993.	15570.	2673.	14966.	6082.	0.	102469.	14568.
1939	7	.72	24844.	13125.	1406.	536849.	31150.	17652.	8037.	0.	6895.	0.	109337.	650.
1939	8	.71	6245.	8555.	1406.	532538.	13545.	17634.	6552.	0.	6888.	0.	100101.	650.
1939	9	.71	15530.	6809.	1406.	539260.	31365.	14417.	3135.	20826.	5631.	0.	94493.	20019.
1939	10	.70	10489.	9034.	1406.	538715.	26396.	14004.	5365.	11322.	5470.	0.	91603.	11180.
1939	11	.68	755.	4393.	1406.	533077.	0.	12817.	2802.	0.	5006.	0.	77391.	650.
1939	12	.66	511.	3277.	1406.	528311.	0.	12714.	1472.	36.	4966.	0.	64574.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1940	1	.64	735.	2827.	1406.	524220.	0.	12456.	982.	145.	4865.	0.	52397.	785.
1940	2	.63	1819.	2600.	1406.	521439.	24.	11424.	1034.	578.	4462.	0.	40790.	1188.
1940	3	.62	595.	4745.	1406.	515289.	16816.	13849.	1311.	5474.	5410.	0.	38379.	5740.
1940	4	.73	28596.	4567.	1406.	537318.	101394.	14503.	3105.	9500.	5665.	0.	114070.	9485.
1940	5	.77	14953.	3316.	1406.	546956.	77491.	15002.	3394.	31334.	5860.	0.	143238.	29790.
1940	6	.92	67988.	-2075.	1406.	615019.	197347.	15570.	-963.	0.	6082.	100065.	212353.	93710.
1940	7	.96	48402.	11934.	1406.	649486.	246918.	17652.	7893.	0.	6895.	222779.	212353.	207835.
1940	8	.97	18758.	12670.	1406.	653574.	51639.	17634.	9626.	0.	6888.	25785.	212353.	24630.
1940	9	.92	632.	15059.	1406.	637147.	15999.	14417.	8973.	20826.	5631.	0.	185541.	20019.
1940	10	.90	3712.	5619.	1406.	633240.	16213.	14004.	2104.	11322.	5470.	0.	175729.	11180.
1940	11	.93	9671.	2689.	1406.	638222.	28780.	12817.	1417.	0.	5006.	0.	191681.	650.
1940	12	.96	13033.	-1233.	1406.	650488.	27372.	12714.	-559.	36.	4966.	0.	208267.	684.
1941	1	.96	12759.	1247.	1406.	660000.	7077.	12456.	1508.	145.	4865.	0.	202641.	785.
1941	2	1.00	42641.	-768.	13101.	684774.	50648.	11424.	-1733.	0.	4462.	43767.	212353.	41354.
1941	3	1.00	10490.	257.	7194.	684774.	10128.	13849.	-192.	5474.	5410.	0.	210544.	5740.
1941	4	1.00	84973.	-5147.	63354.	684774.	106142.	14503.	-4043.	0.	5665.	147726.	212353.	138035.
1941	5	1.00	138576.	-1287.	98323.	684774.	414688.	15002.	-4428.	0.	5860.	471104.	212353.	438776.
1941	6	1.00	20955.	2831.	12741.	684774.	124998.	15570.	193.	0.	6082.	107011.	212353.	100170.
1941	7	1.00	6123.	6937.	1406.	681960.	89720.	17652.	5775.	0.	6895.	67699.	212353.	63610.
1941	8	.97	4517.	13510.	1406.	670967.	8278.	17634.	8734.	0.	6888.	0.	195668.	650.
1941	9	1.00	111498.	1029.	67953.	684774.	160639.	14417.	3850.	0.	5631.	172814.	212353.	161367.
1941	10	1.00	10138.	4889.	3690.	684774.	21300.	14004.	2674.	11322.	5470.	0.	209342.	11180.
1941	11	.97	2006.	5899.	1406.	678881.	1318.	12817.	4095.	0.	5006.	0.	195153.	650.
1941	12	.95	1576.	4588.	1406.	673869.	27.	12714.	1796.	36.	4966.	0.	182040.	684.
1942	1	.93	1126.	5319.	1406.	667676.	0.	12456.	3098.	145.	4865.	0.	167747.	785.
1942	2	.92	1403.	252.	1406.	666826.	960.	11424.	-668.	578.	4462.	0.	158779.	1188.
1942	3	.88	884.	8287.	1406.	657424.	0.	13849.	4719.	5474.	5410.	0.	136143.	5740.
1942	4	.87	5209.	3498.	1406.	657134.	8594.	14503.	2505.	9500.	5665.	0.	119634.	9485.
1942	5	.84	10165.	4755.	1406.	660544.	16997.	15002.	2957.	31334.	5860.	0.	88744.	29790.
1942	6	.79	417.	11209.	1406.	647752.	6330.	15570.	3933.	14966.	6082.	0.	62012.	14568.
1942	7	1.00	176276.	-3345.	100247.	684774.	468366.	17652.	-6545.	0.	6895.	407165.	212353.	379314.
1942	8	1.00	10632.	5147.	3856.	684774.	17450.	17634.	2689.	0.	6888.	983.	212353.	1564.
1942	9	1.00	104488.	-1287.	74360.	684774.	388926.	14417.	1155.	0.	5631.	426887.	212353.	397655.
1942	10	1.00	28353.	5919.	15771.	684774.	31445.	14004.	3658.	0.	5470.	18232.	212353.	17606.
1942	11	.98	1946.	8706.	1406.	676014.	5453.	12817.	5825.	0.	5006.	0.	200570.	650.
1942	12	.95	1280.	6849.	1406.	668445.	592.	12714.	4708.	36.	4966.	0.	185110.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1943	1	.94	1459.	2775.	1406.	665129.	938.	12456.	701.	145.	4865.	0.	174152.	785.
1943	2	.91	1172.	6775.	1406.	657526.	16.	11424.	3858.	578.	4462.	0.	159715.	1188.
1943	3	.88	1770.	5732.	1406.	651564.	1688.	13849.	3024.	5474.	5410.	0.	140462.	5740.
1943	4	.84	945.	9145.	1406.	641365.	0.	14503.	5252.	9500.	5665.	0.	112612.	9485.
1943	5	.79	3573.	5154.	1406.	637784.	3225.	15002.	1785.	31334.	5860.	0.	69122.	29790.
1943	6	.87	30515.	6441.	1406.	659858.	88193.	15570.	3903.	14966.	6082.	0.	124282.	14568.
1943	7	.89	27087.	11603.	1406.	673341.	19459.	17652.	5895.	0.	6895.	0.	121601.	650.
1943	8	.83	0.	18849.	1406.	652493.	0.	17634.	9587.	0.	6888.	0.	95786.	650.
1943	9	.83	2130.	3476.	1406.	649147.	33410.	14417.	1040.	20826.	5631.	0.	94318.	20019.
1943	10	.79	443.	12793.	1406.	634797.	8233.	14004.	5699.	11322.	5470.	0.	72931.	11180.
1943	11	.78	2333.	2683.	1406.	632447.	3745.	12817.	719.	0.	5006.	0.	64546.	650.
1943	12	.76	510.	2674.	1406.	628283.	2149.	12714.	92.	36.	4966.	0.	55259.	684.
1944	1	.76	990.	-1456.	1406.	628729.	7001.	12456.	-250.	145.	4865.	0.	51315.	785.
1944	2	.74	440.	3147.	1406.	624022.	0.	11424.	873.	578.	4462.	0.	39846.	1188.
1944	3	.73	3183.	725.	1406.	624480.	12904.	13849.	317.	5474.	5410.	0.	34516.	5740.
1944	4	.69	866.	9576.	6094.	607103.	0.	14503.	1729.	9500.	5665.	0.	14878.	9485.
1944	5	.80	71463.	-1231.	1406.	677796.	69153.	15002.	-364.	31334.	5860.	0.	39465.	29790.
1944	6	.95	13089.	10725.	1406.	678161.	169816.	15570.	5678.	14966.	6082.	0.	174474.	14568.
1944	7	.90	1564.	18954.	1406.	658771.	1607.	17652.	11242.	0.	6895.	0.	148593.	650.
1944	8	.90	8715.	8501.	1406.	656984.	22563.	17634.	3654.	0.	6888.	0.	151273.	650.
1944	9	.98	19295.	10777.	1406.	663502.	336315.	14417.	5005.	0.	5631.	236392.	212353.	220495.
1944	10	.94	9430.	11294.	1406.	659638.	6750.	14004.	7906.	11322.	5470.	0.	187276.	11180.
1944	11	.93	483.	2000.	1406.	656121.	2318.	12817.	1235.	0.	5006.	0.	176948.	650.
1944	12	.92	1592.	748.	1406.	654964.	1766.	12714.	343.	36.	4966.	0.	167027.	684.
1945	1	.90	5035.	4484.	1406.	653515.	2032.	12456.	2804.	145.	4865.	0.	155061.	785.
1945	2	.90	9141.	2246.	1406.	658410.	9109.	11424.	1452.	578.	4462.	0.	152121.	1188.
1945	3	.90	2032.	3746.	1406.	654697.	18645.	13849.	2399.	5474.	5410.	0.	150450.	5740.
1945	4	.99	26463.	3526.	1406.	675633.	117552.	14503.	1106.	0.	5665.	31946.	212353.	30360.
1945	5	.96	340.	11631.	1406.	662342.	38546.	15002.	7476.	31334.	5860.	0.	198493.	29790.
1945	6	.97	16638.	6808.	1406.	670172.	36009.	15570.	5525.	14966.	6082.	0.	199847.	14568.
1945	7	.93	1845.	12577.	1406.	657440.	1799.	17652.	8009.	0.	6895.	0.	177392.	650.
1945	8	.89	0.	14376.	1406.	641064.	0.	17634.	6659.	0.	6888.	0.	154504.	650.
1945	9	.82	948.	12933.	1406.	627079.	0.	14417.	7897.	20826.	5631.	0.	112769.	20019.
1945	10	.98	44421.	4447.	1406.	665053.	224000.	14004.	3248.	0.	5470.	97248.	212353.	91090.
1945	11	.95	307.	8270.	1406.	655091.	0.	12817.	6148.	0.	5006.	0.	194794.	650.
1945	12	.92	322.	4970.	1406.	648443.	0.	12714.	2862.	36.	4966.	0.	180588.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.91	560.	247.	1406.	646755.	1610.	12456.	-347.	145.	4865.	0.	171350.	785.
1946	2	.89	298.	2221.	1406.	642833.	0.	11424.	839.	578.	4462.	0.	159915.	1188.
1946	3	.87	2074.	6626.	1406.	636281.	8898.	13849.	4174.	5474.	5410.	0.	146722.	5740.
1946	4	.89	15960.	4424.	1406.	645817.	26930.	14503.	2684.	9500.	5665.	0.	148371.	9485.
1946	5	.98	18011.	-1495.	1406.	663323.	149199.	15002.	372.	0.	5860.	39915.	212353.	37771.
1946	6	.98	14147.	7058.	1406.	668412.	119961.	15570.	3465.	0.	6082.	87366.	212353.	81900.
1946	7	.93	0.	17517.	1406.	648896.	1314.	17652.	10615.	0.	6895.	0.	186807.	650.
1946	8	1.00	43717.	8567.	1406.	682046.	51900.	17634.	6841.	0.	6888.	3285.	212353.	3705.
1946	9	1.00	106530.	2316.	71345.	684774.	197402.	14417.	-385.	0.	5631.	233888.	212353.	218166.
1946	10	1.00	118574.	-515.	83719.	684774.	446756.	14004.	-2118.	0.	5470.	507266.	212353.	472408.
1946	11	.98	2060.	6410.	1406.	678424.	5146.	12817.	3965.	0.	5006.	0.	202123.	650.
1946	12	.96	1108.	4076.	1406.	673456.	987.	12714.	2745.	36.	4966.	0.	189021.	684.
1947	1	.96	1450.	-1271.	1406.	674176.	5394.	12456.	-537.	145.	4865.	0.	183757.	785.
1947	2	.93	476.	5572.	1406.	667081.	0.	11424.	3630.	578.	4462.	0.	169531.	1188.
1947	3	.90	1384.	5786.	1406.	660679.	2610.	13849.	3450.	5474.	5410.	0.	150773.	5740.
1947	4	.89	598.	4001.	1406.	655276.	16828.	14503.	1580.	9500.	5665.	0.	143425.	9485.
1947	5	.98	10242.	0.	1406.	663518.	149170.	15002.	-552.	0.	5860.	35864.	212353.	34004.
1947	6	.97	13468.	11817.	1406.	663169.	28981.	15570.	7725.	14966.	6082.	0.	204479.	14568.
1947	7	.96	6218.	17974.	1406.	649413.	46450.	17652.	11969.	0.	6895.	10361.	212353.	10286.
1947	8	.95	1442.	10109.	1406.	638746.	25071.	17634.	4808.	0.	6888.	4035.	212353.	4402.
1947	9	.88	0.	15792.	1406.	620955.	0.	14417.	10682.	20826.	5631.	0.	167834.	20019.
1947	10	.83	0.	10521.	1406.	608433.	0.	14004.	6384.	11322.	5470.	0.	137529.	11180.
1947	11	.82	789.	5680.	1406.	601542.	5143.	12817.	1508.	0.	5006.	0.	129753.	650.
1947	12	.80	105.	1883.	1406.	597765.	0.	12714.	728.	36.	4966.	0.	117680.	684.
1948	1	.78	0.	3979.	1406.	591785.	0.	12456.	2076.	145.	4865.	0.	104410.	785.
1948	2	.76	135.	0.	1406.	589920.	0.	11424.	265.	578.	4462.	0.	93549.	1188.
1948	3	.73	0.	5103.	1406.	582817.	0.	13849.	2058.	5474.	5410.	0.	73574.	5740.
1948	4	.69	0.	6898.	1406.	573919.	0.	14503.	2297.	9500.	5665.	0.	48680.	9485.
1948	5	.62	0.	8780.	14341.	544739.	0.	15002.	1965.	31334.	5860.	0.	14721.	29790.
1948	6	.56	1169.	11415.	31679.	489431.	0.	15570.	1329.	14966.	6082.	0.	14536.	14568.
1948	7	.64	26585.	11163.	1406.	502853.	73915.	17652.	3213.	0.	6895.	0.	68992.	650.
1948	8	.60	0.	14300.	1406.	486552.	5896.	17634.	5882.	0.	6888.	0.	52778.	650.
1948	9	.56	0.	7053.	1406.	477500.	8132.	14417.	1112.	20826.	5631.	0.	25960.	20019.
1948	10	.57	14220.	5387.	1406.	484333.	22665.	14004.	1255.	11322.	5470.	0.	23450.	11180.
1948	11	.55	0.	5593.	1024.	477284.	4379.	12817.	1062.	0.	5006.	0.	14974.	650.
1948	12	.52	0.	4279.	13076.	454405.	233.	12714.	763.	36.	4966.	0.	14769.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1949	1	.50	0.	796.	12774.	435439.	133.	12456.	140.	145.	4865.	0.	14935.	785.
1949	2	.50	6427.	195.	8755.	429217.	3285.	11424.	0.	578.	4462.	0.	14973.	1188.
1949	3	.64	23421.	4137.	1406.	446501.	131112.	13849.	1675.	5474.	5410.	0.	126492.	5740.
1949	4	.82	76290.	-4792.	1406.	525583.	159940.	14503.	-4837.	0.	5665.	56319.	212353.	53027.
1949	5	.83	14887.	7843.	1406.	530627.	216641.	15002.	7123.	0.	5860.	164588.	212353.	153717.
1949	6	.87	47734.	5130.	1406.	571231.	78380.	15570.	5390.	0.	6082.	43860.	212353.	41440.
1949	7	.88	14473.	8687.	1406.	575017.	85019.	17652.	6160.	0.	6895.	62613.	212353.	58880.
1949	8	.87	5632.	12764.	1406.	565885.	36875.	17634.	9626.	0.	6888.	11021.	212353.	10900.
1949	9	.81	0.	12373.	1406.	551512.	3989.	14417.	8647.	20826.	5631.	0.	173857.	20019.
1949	10	.82	17238.	1349.	1406.	565400.	20834.	14004.	1367.	11322.	5470.	0.	169403.	11180.
1949	11	.80	1798.	5873.	1406.	559325.	10173.	12817.	5505.	0.	5006.	0.	162660.	650.
1949	12	.81	10912.	-453.	1406.	568690.	11345.	12714.	499.	36.	4966.	0.	162162.	684.
1950	1	.79	49.	4759.	1406.	561980.	1710.	12456.	2276.	145.	4865.	0.	150401.	785.
1950	2	.77	0.	3152.	1406.	556828.	685.	11424.	2344.	578.	4462.	0.	138146.	1188.
1950	3	.74	0.	7592.	1406.	547236.	917.	13849.	4687.	5474.	5410.	0.	116459.	5740.
1950	4	.71	171.	5313.	1406.	540093.	3477.	14503.	3637.	9500.	5665.	0.	93701.	9485.
1950	5	.70	11295.	4423.	1406.	544966.	41642.	15002.	3299.	31334.	5860.	0.	87115.	29790.
1950	6	.79	9116.	5989.	1406.	546092.	105877.	15570.	4899.	14966.	6082.	0.	158963.	14568.
1950	7	.76	45.	11681.	1406.	532456.	10350.	17652.	7322.	0.	6895.	0.	145745.	650.
1950	8	.71	0.	14107.	1406.	516349.	0.	17634.	9482.	0.	6888.	0.	120034.	650.
1950	9	.66	0.	10476.	1406.	503874.	8312.	14417.	6793.	20826.	5631.	0.	87716.	20019.
1950	10	.63	0.	10967.	1406.	490906.	15724.	14004.	5640.	11322.	5470.	0.	73879.	11180.
1950	11	.60	0.	8331.	1406.	480576.	0.	12817.	3711.	0.	5006.	0.	58757.	650.
1950	12	.58	0.	6596.	1406.	471980.	0.	12714.	2472.	36.	4966.	0.	44941.	684.
1951	1	.55	0.	5312.	1406.	464667.	0.	12456.	1479.	145.	4865.	0.	32267.	785.
1951	2	.54	0.	2233.	1406.	460434.	229.	11424.	763.	578.	4462.	0.	21137.	1188.
1951	3	.50	0.	4200.	12909.	437872.	793.	13849.	708.	5474.	5410.	0.	14808.	5740.
1951	4	.46	0.	7080.	23988.	396669.	1008.	14503.	1231.	9500.	5665.	0.	14569.	9485.
1951	5	.51	60288.	2886.	5994.	445544.	41567.	15002.	925.	31334.	5860.	0.	14870.	29790.
1951	6	.63	35876.	5666.	1406.	473754.	110767.	15570.	2332.	14966.	6082.	0.	94175.	14568.
1951	7	.59	0.	14866.	1406.	456889.	0.	17652.	7946.	0.	6895.	0.	69983.	650.
1951	8	.54	0.	16767.	1406.	438122.	0.	17634.	7054.	0.	6888.	0.	46700.	650.
1951	9	.75	50417.	-1015.	1406.	487554.	168500.	14417.	421.	20826.	5631.	0.	180942.	20019.
1951	10	.72	6225.	7084.	1406.	484695.	13728.	14004.	6127.	11322.	5470.	0.	164622.	11180.
1951	11	.70	393.	3941.	1406.	479147.	1571.	12817.	2293.	0.	5006.	0.	152489.	650.
1951	12	.68	0.	5149.	1406.	471998.	306.	12714.	3597.	36.	4966.	0.	137853.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1952	1	.66	0.	5312.	1406.	464686.	922.	12456.	3570.	145.	4865.	0.	124011.	785.
1952	2	.65	6769.	2242.	1406.	467213.	6813.	11424.	2156.	578.	4462.	0.	118071.	1188.
1952	3	.62	1633.	5289.	1406.	461557.	0.	13849.	3937.	5474.	5410.	0.	96217.	5740.
1952	4	.61	6853.	4260.	1406.	462150.	9761.	14503.	1519.	9500.	5665.	0.	81862.	9485.
1952	5	.58	13278.	4888.	1406.	468541.	21222.	15002.	3701.	31334.	5860.	0.	54453.	29790.
1952	6	.62	4251.	9161.	1406.	461630.	73717.	15570.	5029.	14966.	6082.	0.	94010.	14568.
1952	7	.59	0.	10673.	1406.	448958.	10726.	17652.	4280.	0.	6895.	0.	84210.	650.
1952	8	.55	0.	16588.	1406.	430370.	198.	17634.	8166.	0.	6888.	0.	60014.	650.
1952	9	.52	0.	4463.	1406.	423907.	17513.	14417.	-1329.	20826.	5631.	0.	45018.	20019.
1952	10	.48	0.	10340.	1406.	411567.	0.	14004.	2825.	11322.	5470.	0.	18272.	11180.
1952	11	.46	0.	1128.	8695.	398071.	979.	12817.	188.	0.	5006.	0.	14941.	650.
1952	12	.44	0.	1836.	11616.	379711.	1484.	12714.	419.	36.	4966.	0.	14872.	684.
1953	1	.42	0.	4990.	11341.	358589.	2080.	12456.	931.	145.	4865.	0.	14762.	785.
1953	2	.40	0.	2072.	11510.	340144.	968.	11424.	348.	578.	4462.	0.	14889.	1188.
1953	3	.36	0.	4789.	18754.	308677.	1254.	13849.	897.	5474.	5410.	0.	14677.	5740.
1953	4	.34	446.	4246.	12060.	287722.	12888.	14503.	860.	9500.	5665.	0.	14762.	9485.
1953	5	.39	31122.	3947.	1406.	312897.	68114.	15002.	1570.	31334.	5860.	0.	36376.	29790.
1953	6	.33	0.	10712.	11809.	285388.	0.	15570.	3046.	14966.	6082.	0.	14603.	14568.
1953	7	.29	5.	11167.	19447.	246563.	48.	17652.	2167.	0.	6895.	0.	14279.	650.
1953	8	.32	12604.	4220.	1406.	252948.	33348.	17634.	47.	0.	6888.	0.	31352.	650.
1953	9	.71	180066.	4414.	1406.	426600.	268221.	14417.	5775.	0.	5631.	47607.	212353.	44924.
1953	10	.75	30721.	-1386.	1406.	456707.	47881.	14004.	-5005.	0.	5470.	28965.	212353.	27588.
1953	11	.74	1255.	5827.	1406.	450134.	33853.	12817.	5390.	0.	5006.	17052.	212353.	16508.
1953	12	.72	67.	4189.	1406.	444012.	219.	12714.	3195.	36.	4966.	0.	198033.	684.
1954	1	.70	14.	3760.	1406.	438266.	1499.	12456.	3075.	145.	4865.	0.	185262.	785.
1954	2	.67	0.	6271.	1406.	429996.	1373.	11424.	5196.	578.	4462.	0.	170843.	1188.
1954	3	.63	0.	7355.	1406.	420641.	1263.	13849.	5720.	5474.	5410.	0.	148469.	5740.
1954	4	.61	6098.	4038.	1406.	420701.	5848.	14503.	2757.	9500.	5665.	0.	128963.	9485.
1954	5	.56	6606.	6529.	1406.	418778.	3015.	15002.	4451.	31334.	5860.	0.	82597.	29790.
1954	6	.59	19590.	8300.	1406.	428067.	48472.	15570.	3801.	14966.	6082.	0.	98138.	14568.
1954	7	.70	932.	12890.	1406.	414109.	138607.	17652.	10201.	0.	6895.	0.	210299.	650.
1954	8	.65	0.	14308.	1406.	397801.	1101.	17634.	11957.	0.	6888.	0.	183214.	650.
1954	9	.59	0.	11055.	1406.	384746.	3468.	14417.	7605.	20826.	5631.	0.	145240.	20019.
1954	10	.56	1103.	7074.	1406.	376776.	10715.	14004.	3345.	11322.	5470.	0.	128689.	11180.
1954	11	.55	477.	4487.	1406.	370766.	11152.	12817.	3372.	0.	5006.	0.	125058.	650.
1954	12	.53	0.	6213.	1406.	362553.	271.	12714.	4653.	36.	4966.	0.	109331.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1955	1	.51	0.	2812.	1406.	357741.	526.	12456.	2276.	145.	4865.	0.	96386.	785.
1955	2	.50	1446.	2097.	1406.	355091.	6468.	11424.	2060.	578.	4462.	0.	90198.	1188.
1955	3	.46	0.	6750.	1406.	346341.	791.	13849.	4559.	5474.	5410.	0.	68513.	5740.
1955	4	.42	0.	8171.	1406.	336171.	102.	14503.	3755.	9500.	5665.	0.	42263.	9485.
1955	5	.41	28501.	6657.	6014.	349460.	15534.	15002.	2601.	31334.	5860.	0.	14874.	29790.
1955	6	.37	2412.	12566.	16848.	315340.	15543.	15570.	2529.	14966.	6082.	0.	14199.	14568.
1955	7	.33	97.	13490.	16471.	278517.	3804.	17652.	2739.	0.	6895.	0.	14084.	650.
1955	8	.30	3584.	10277.	13369.	252807.	6838.	17634.	2269.	0.	6888.	0.	14388.	650.
1955	9	.28	1509.	6629.	9974.	233500.	25937.	14417.	104.	20826.	5631.	0.	14951.	20019.
1955	10	.28	2320.	8104.	1406.	225715.	38360.	14004.	2142.	11322.	5470.	0.	27248.	11180.
1955	11	.26	0.	4946.	880.	219518.	1284.	12817.	1602.	0.	5006.	0.	14993.	650.
1955	12	.24	0.	3496.	12450.	198313.	980.	12714.	933.	36.	4966.	0.	14739.	684.
1956	1	.22	0.	2342.	12433.	178285.	968.	12456.	759.	145.	4865.	0.	14780.	785.
1956	2	.19	0.	2849.	12360.	157856.	481.	11424.	862.	578.	4462.	0.	14757.	1188.
1956	3	.16	0.	3860.	19709.	125960.	655.	13849.	1230.	5474.	5410.	0.	14568.	5740.
1956	4	.12	0.	3157.	20204.	94064.	4634.	14503.	655.	9500.	5665.	0.	14748.	9485.
1956	5	.08	3515.	2470.	28464.	54620.	18578.	15002.	725.	31334.	5860.	0.	14729.	29790.
1956	6	.03	907.	2277.	29044.	11935.	2948.	15570.	1787.	14966.	6082.	0.	14397.	14568.
1956	7	.01	2952.	796.	7761.	3177.	6926.	17652.	2391.	0.	6895.	0.	9041.	650.
1956	8	.02	17679.	1287.	0.	19569.	11600.	17634.	1180.	0.	6888.	0.	1827.	650.
1956	9	.02	16880.	960.	21447.	4982.	27107.	14417.	1301.	20826.	5631.	0.	13836.	20019.
1956	10	.04	11668.	476.	1406.	14173.	36895.	14004.	1243.	11322.	5470.	0.	25567.	11180.
1956	11	.03	0.	554.	2258.	10408.	1378.	12817.	1433.	0.	5006.	0.	14952.	650.
1956	12	.02	0.	240.	1988.	7340.	11256.	12714.	488.	36.	4966.	0.	14957.	684.
1957	1	.01	0.	199.	2828.	3177.	553.	12456.	787.	145.	4865.	0.	4951.	785.
1957	2	.00	0.	63.	0.	3114.	1891.	11424.	116.	578.	4462.	0.	0.	811.
1957	3	.01	4752.	127.	0.	7738.	24663.	13849.	162.	5474.	5410.	0.	5178.	5740.
1957	4	.20	77221.	-137.	1406.	83097.	110808.	14503.	-1601.	9500.	5665.	0.	94991.	9485.
1957	5	.48	141326.	-104.	1406.	222527.	478579.	15002.	-2310.	0.	5860.	318597.	212353.	296945.
1957	6	.59	101364.	5192.	1406.	316699.	402936.	15570.	3080.	0.	6082.	370726.	212353.	345425.
1957	7	.54	35.	12847.	1406.	301887.	2993.	17652.	13988.	0.	6895.	0.	185113.	650.
1957	8	.50	0.	12031.	1406.	287856.	354.	17634.	12238.	0.	6888.	0.	157000.	650.
1957	9	.59	32902.	4427.	1406.	314331.	106256.	14417.	4503.	8264.	5631.	12562.	212353.	20019.
1957	10	.64	54599.	3559.	1406.	363370.	78496.	14004.	6160.	0.	5470.	48415.	212353.	45676.
1957	11	.65	8838.	-1244.	1406.	371452.	38190.	12817.	-1540.	0.	5006.	28319.	212353.	26987.
1957	12	.63	2601.	3212.	1406.	368841.	2676.	12714.	3952.	36.	4966.	0.	199733.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1958	1	.76	100716.	-3072.	1406.	470629.	239830.	12456.	-6160.	0.	4865.	222176.	212353.	207273.
1958	2	.89	111709.	-3483.	1406.	583821.	283699.	11424.	-6353.	0.	4462.	279456.	212353.	260544.
1958	3	.91	23248.	3969.	1406.	601100.	166446.	13849.	2503.	0.	5410.	146026.	212353.	136455.
1958	4	.87	3004.	4704.	1406.	597399.	1525.	14503.	4797.	9500.	5665.	0.	186484.	9485.
1958	5	.87	14420.	2596.	1406.	607223.	31400.	15002.	3128.	31334.	5860.	0.	169826.	29790.
1958	6	.87	50387.	10889.	1406.	644722.	5901.	15570.	6904.	14966.	6082.	0.	139694.	14568.
1958	7	.95	15530.	18213.	1406.	640039.	102371.	17652.	12607.	0.	6895.	859.	212353.	1448.
1958	8	.89	20.	18464.	1406.	619595.	0.	17634.	13756.	0.	6888.	0.	182368.	650.
1958	9	.95	53205.	-3462.	1406.	674262.	25250.	14417.	-7313.	20826.	5631.	0.	181094.	20019.
1958	10	1.00	43294.	-5147.	26664.	684774.	217084.	14004.	-5968.	0.	5470.	193130.	212353.	180261.
1958	11	1.00	41388.	4632.	25840.	684774.	167157.	12817.	3850.	0.	5006.	176329.	212353.	164636.
1958	12	1.00	8202.	2831.	3776.	684774.	13568.	12714.	1348.	0.	4966.	3246.	212353.	3669.
1959	1	.99	2750.	5901.	1406.	679623.	23618.	12456.	3273.	0.	4865.	9151.	212353.	9160.
1959	2	.99	1409.	-1792.	1406.	680824.	3436.	11424.	-3076.	578.	4462.	0.	208269.	1188.
1959	3	.96	590.	8914.	1406.	670500.	6481.	13849.	5716.	5474.	5410.	0.	191117.	5740.
1959	4	.92	415.	5300.	1406.	663615.	0.	14503.	3645.	9500.	5665.	0.	164875.	9485.
1959	5	.87	1411.	5766.	1406.	657261.	4796.	15002.	4336.	31334.	5860.	0.	120405.	29790.
1959	6	.85	23818.	7300.	1406.	671779.	7775.	15570.	3812.	14966.	6082.	0.	95237.	14568.
1959	7	.88	22218.	16012.	1406.	675985.	45138.	17652.	8804.	0.	6895.	0.	115326.	650.
1959	8	.85	374.	14398.	1406.	659961.	9454.	17634.	5057.	0.	6888.	0.	103494.	650.
1959	9	.79	1472.	12694.	1406.	646739.	2280.	14417.	5771.	20826.	5631.	0.	66165.	20019.
1959	10	1.00	69467.	4343.	19044.	684774.	231751.	14004.	1914.	0.	5470.	77366.	212353.	72601.
1959	11	1.00	5459.	5398.	1406.	682835.	15880.	12817.	5345.	0.	5006.	0.	211477.	650.
1959	12	.98	615.	4861.	1406.	676589.	6660.	12714.	3590.	36.	4966.	0.	203203.	684.
1960	1	.97	712.	3306.	1406.	671995.	6637.	12456.	1671.	145.	4865.	0.	196974.	785.
1960	2	.96	933.	3290.	1406.	667638.	6094.	11424.	1278.	578.	4462.	0.	191194.	1188.
1960	3	.93	556.	4029.	1406.	662165.	4774.	13849.	2123.	5474.	5410.	0.	175928.	5740.
1960	4	.90	3919.	6514.	1406.	657570.	0.	14503.	4134.	9500.	5665.	0.	149197.	9485.
1960	5	.83	697.	8952.	1406.	647315.	0.	15002.	4209.	31334.	5860.	0.	100058.	29790.
1960	6	.83	8139.	8893.	1406.	644562.	36056.	15570.	4502.	14966.	6082.	0.	102482.	14568.
1960	7	.82	2007.	9817.	1406.	634751.	21907.	17652.	7764.	0.	6895.	0.	100378.	650.
1960	8	.87	23250.	5662.	1406.	650340.	46113.	17634.	2795.	0.	6888.	0.	127468.	650.
1960	9	.83	1645.	13061.	1406.	636923.	22454.	14417.	5250.	20826.	5631.	0.	110834.	20019.
1960	10	.98	26393.	-3476.	1406.	664792.	140197.	14004.	-6054.	0.	5470.	20811.	212353.	20005.
1960	11	.99	17115.	2281.	1406.	677626.	78733.	12817.	1348.	0.	5006.	65974.	212353.	62006.
1960	12	1.00	6656.	-2306.	1406.	684589.	52666.	12714.	-5583.	0.	4966.	46904.	212353.	44271.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI							B & E
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2746.	684774.	42256.	12456.	385.	0.	4865.	32017.	212353.	30425.
1961	2	1.00	16221.	257.	11222.	684774.	51823.	11424.	-578.	0.	4462.	51621.	212353.	48657.
1961	3	.98	2221.	6155.	1406.	678840.	9629.	13849.	4882.	5474.	5410.	0.	199183.	5740.
1961	4	.97	13295.	3594.	2648.	684774.	8815.	14503.	3430.	9500.	5665.	0.	183212.	9485.
1961	5	.89	0.	12759.	1406.	670015.	0.	15002.	8220.	31334.	5860.	0.	130062.	29790.
1961	6	.98	76005.	6176.	38714.	684774.	55645.	15570.	3127.	14966.	6082.	0.	190759.	14568.
1961	7	.97	4774.	11014.	1406.	676534.	22418.	17652.	7513.	0.	6895.	0.	189418.	650.
1961	8	.96	1034.	12903.	1406.	662665.	32464.	17634.	8650.	0.	6888.	0.	197004.	650.
1961	9	.90	0.	11727.	1406.	648938.	3812.	14417.	5388.	20826.	5631.	0.	161591.	20019.
1961	10	.87	897.	7401.	1406.	640434.	13017.	14004.	7170.	11322.	5470.	0.	143517.	11180.
1961	11	.86	514.	736.	1406.	638212.	4065.	12817.	1384.	0.	5006.	0.	134787.	650.
1961	12	.84	400.	2934.	1406.	633678.	20.	12714.	2359.	36.	4966.	0.	121103.	684.
1962	1	.82	889.	3893.	1406.	628674.	0.	12456.	2658.	145.	4865.	0.	107250.	785.
1962	2	.80	517.	6524.	1406.	620667.	0.	11424.	3826.	578.	4462.	0.	92828.	1188.
1962	3	.76	242.	7424.	1406.	611485.	0.	13849.	3660.	5474.	5410.	0.	71251.	5740.
1962	4	.73	273.	5223.	1406.	604535.	0.	14503.	1174.	9500.	5665.	0.	47480.	9485.
1962	5	.65	814.	12076.	16078.	570402.	0.	15002.	2588.	31334.	5860.	0.	14634.	29790.
1962	6	.66	6471.	4331.	1406.	570542.	34565.	15570.	607.	14966.	6082.	0.	19463.	14568.
1962	7	.61	0.	19162.	15543.	529271.	0.	17652.	3155.	0.	6895.	0.	14199.	650.
1962	8	.56	0.	16616.	20016.	484183.	0.	17634.	2399.	0.	6888.	0.	14181.	650.
1962	9	.52	0.	6545.	16487.	454186.	20186.	14417.	984.	20826.	5631.	0.	14627.	20019.
1962	10	.47	0.	9744.	26921.	406147.	0.	14004.	1848.	11322.	5470.	0.	14374.	11180.
1962	11	.44	0.	3517.	14149.	382504.	0.	12817.	1054.	0.	5006.	0.	14651.	650.
1962	12	.42	0.	-179.	12546.	364837.	680.	12714.	209.	36.	4966.	0.	14917.	684.
1963	1	.40	0.	3139.	11204.	345761.	1908.	12456.	591.	145.	4865.	0.	14837.	785.
1963	2	.39	639.	849.	7978.	334202.	4568.	11424.	487.	578.	4462.	0.	14894.	1188.
1963	3	.35	0.	5229.	18153.	303151.	1966.	13849.	1066.	5474.	5410.	0.	14624.	5740.
1963	4	.31	0.	4883.	25283.	262303.	0.	14503.	1392.	9500.	5665.	0.	14512.	9485.
1963	5	.25	3745.	5006.	36254.	209473.	11579.	15002.	1552.	31334.	5860.	0.	14457.	29790.
1963	6	.33	17037.	5080.	1406.	219430.	98346.	15570.	4535.	14966.	6082.	0.	79138.	14568.
1963	7	.30	2159.	7900.	1406.	211689.	0.	17652.	6537.	0.	6895.	0.	56356.	650.
1963	8	.26	0.	10376.	1406.	199313.	0.	17634.	5454.	0.	6888.	0.	34673.	650.
1963	9	.21	584.	5324.	17329.	169924.	0.	14417.	2201.	20826.	5631.	0.	14558.	20019.
1963	10	.16	591.	4201.	26849.	128121.	0.	14004.	1651.	11322.	5470.	0.	14429.	11180.
1963	11	.17	2435.	920.	1406.	127636.	22743.	12817.	955.	0.	5006.	0.	24805.	650.
1963	12	.16	2012.	642.	1406.	127006.	3787.	12714.	437.	36.	4966.	0.	16811.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1964	1	.14	0.	787.	11074.	110467.	0.	12456.	400.	145.	4865.	0.	14885.	785.
1964	2	.12	0.	552.	12169.	92606.	0.	11424.	105.	578.	4462.	0.	14946.	1188.
1964	3	.09	965.	1014.	18487.	66259.	1304.	13849.	660.	5474.	5410.	0.	14754.	5740.
1964	4	.05	0.	1609.	25047.	29021.	0.	14503.	1230.	9500.	5665.	0.	14568.	9485.
1964	5	.00	145.	343.	18047.	3177.	2318.	15002.	0.	31334.	5860.	0.	0.	22484.
1964	6	.01	2673.	339.	0.	5511.	2220.	15570.	0.	14966.	6082.	0.	0.	1113.
1964	7	.00	105.	374.	1533.	3177.	1749.	17652.	0.	0.	6895.	0.	0.	31.
1964	8	.01	3302.	376.	0.	6103.	23105.	17634.	542.	0.	6888.	0.	4929.	650.
1964	9	.16	681.	292.	1406.	4492.	170057.	14417.	1074.	20826.	5631.	0.	140074.	20019.
1964	10	.25	7568.	446.	1406.	9614.	226270.	14004.	3465.	0.	5470.	126605.	212353.	118393.
1964	11	.24	8739.	621.	1406.	15732.	4570.	12817.	7106.	0.	5006.	0.	198406.	650.
1964	12	.22	0.	244.	1406.	13488.	0.	12714.	1633.	36.	4966.	0.	185429.	684.
1965	1	.20	508.	134.	1406.	11862.	0.	12456.	2266.	145.	4865.	0.	171969.	785.
1965	2	.20	4438.	-295.	1406.	14595.	0.	11424.	-2892.	578.	4462.	0.	164264.	1188.
1965	3	.22	0.	317.	1406.	12279.	39687.	13849.	2405.	5474.	5410.	0.	183629.	5740.
1965	4	.19	6634.	427.	1406.	16485.	0.	14503.	5067.	9500.	5665.	0.	155965.	9485.
1965	5	.33	68285.	-932.	1406.	83703.	131459.	15002.	-2618.	0.	5860.	32759.	212353.	31116.
1965	6	.33	2048.	2763.	1406.	80988.	44496.	15570.	9575.	9175.	6082.	5791.	212353.	14568.
1965	7	.30	0.	4668.	1406.	74321.	8478.	17652.	13918.	0.	6895.	0.	190668.	650.
1965	8	.26	0.	3998.	1406.	68322.	0.	17634.	11779.	0.	6888.	0.	162660.	650.
1965	9	.20	0.	2953.	1406.	63369.	0.	14417.	8571.	20826.	5631.	0.	120252.	20019.
1965	10	.17	1400.	1043.	1406.	61727.	0.	14004.	2988.	11322.	5470.	0.	93343.	11180.
1965	11	.16	111.	846.	1406.	58992.	1794.	12817.	2878.	0.	5006.	0.	80848.	650.
1965	12	.15	4202.	-394.	1406.	61588.	5880.	12714.	-116.	36.	4966.	0.	75499.	684.
1966	1	.14	0.	-910.	1406.	60498.	0.	12456.	-421.	145.	4865.	0.	64725.	785.
1966	2	.13	2307.	226.	1406.	60579.	0.	11424.	182.	578.	4462.	0.	53947.	1188.
1966	3	.10	16.	390.	1406.	58205.	0.	13849.	1140.	5474.	5410.	0.	34890.	5740.
1966	4	.13	16583.	658.	1406.	72131.	27683.	14503.	-1040.	9500.	5665.	0.	41015.	9485.
1966	5	.33	18314.	-136.	1406.	88581.	206958.	15002.	-3523.	31334.	5860.	0.	206567.	29790.
1966	6	.34	9218.	1694.	1406.	94105.	34719.	15570.	191.	14966.	6082.	0.	211965.	14568.
1966	7	.31	694.	3324.	1406.	89475.	0.	17652.	7187.	0.	6895.	0.	188532.	650.
1966	8	.30	10761.	4136.	1406.	94100.	5490.	17634.	3508.	0.	6888.	0.	174286.	650.
1966	9	.31	20929.	2063.	1406.	110966.	31194.	14417.	4242.	20826.	5631.	0.	167400.	20019.
1966	10	.27	469.	3212.	1406.	106223.	1424.	14004.	7636.	11322.	5470.	0.	137267.	11180.
1966	11	.25	0.	1126.	1406.	103097.	189.	12817.	6020.	0.	5006.	0.	120025.	650.
1966	12	.23	0.	1887.	1406.	99210.	0.	12714.	3471.	36.	4966.	0.	105210.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.21	0.	1153.	1406.	96058.	11.	12456.	794.	145.	4865.	0.	93232.	785.
1967	2	.19	146.	453.	1406.	93751.	726.	11424.	2257.	578.	4462.	0.	81105.	1188.
1967	3	.17	0.	668.	1406.	91083.	2978.	13849.	3265.	5474.	5410.	0.	62901.	5740.
1967	4	.15	626.	1238.	1406.	88471.	5725.	14503.	3068.	9500.	5665.	0.	42961.	9485.
1967	5	.11	4246.	995.	5361.	84096.	14105.	15002.	1172.	31334.	5860.	0.	14919.	29790.
1967	6	.05	0.	3458.	32119.	34950.	0.	15570.	2214.	14966.	6082.	0.	14288.	14568.
1967	7	.02	11.	1865.	19910.	4774.	0.	17652.	2341.	0.	6895.	0.	14205.	650.
1967	8	.06	8928.	553.	1406.	11149.	41103.	17634.	204.	0.	6888.	0.	38876.	650.
1967	9	.62	339587.	1932.	1406.	346805.	1392125.	14417.	-5005.	0.	5631.	1189815.	212353.	1107178.
1967	10	.65	24578.	2273.	1406.	367109.	182132.	14004.	578.	0.	5470.	157634.	212353.	147249.
1967	11	.66	13260.	1789.	1406.	376580.	15874.	12817.	4402.	0.	5006.	61.	212353.	707.
1967	12	.66	2223.	1081.	1406.	375722.	23723.	12714.	4235.	0.	4966.	8143.	212353.	8223.
1968	1	.76	95143.	1155.	1406.	467710.	150581.	12456.	-578.	0.	4865.	139964.	212353.	130816.
1968	2	.77	9962.	-1231.	1406.	476903.	28779.	11424.	578.	0.	4462.	17605.	212353.	17023.
1968	3	.76	8635.	414.	1406.	483124.	10619.	13849.	3586.	5474.	5410.	0.	201469.	5740.
1968	4	.75	6405.	1040.	1406.	486489.	10090.	14503.	3093.	9500.	5665.	0.	185869.	9485.
1968	5	.90	110820.	1544.	1406.	593765.	203818.	15002.	385.	0.	5860.	132020.	212353.	123428.
1968	6	.89	7493.	9101.	1406.	590156.	26124.	15570.	2097.	14966.	6082.	0.	207250.	14568.
1968	7	.89	17116.	10507.	1406.	594765.	18890.	17652.	4887.	0.	6895.	0.	205007.	650.
1968	8	.85	391.	11389.	1406.	581767.	4642.	17634.	11840.	0.	6888.	0.	181581.	650.
1968	9	.82	3276.	1385.	1406.	581658.	14343.	14417.	6218.	20826.	5631.	0.	155869.	20019.
1968	10	.80	128.	5974.	1406.	573812.	11916.	14004.	638.	11322.	5470.	0.	143226.	11180.
1968	11	.77	0.	7737.	1406.	564075.	3199.	12817.	5739.	0.	5006.	0.	129275.	650.
1968	12	.76	542.	4511.	1406.	558106.	6309.	12714.	3206.	36.	4966.	0.	121034.	684.
1969	1	.74	77.	2243.	1406.	553940.	2235.	12456.	2391.	145.	4865.	0.	109684.	785.
1969	2	.76	3657.	224.	1406.	555373.	18255.	11424.	-6322.	578.	4462.	0.	123664.	1188.
1969	3	.73	171.	5803.	1406.	547741.	703.	13849.	1822.	5474.	5410.	0.	104629.	5740.
1969	4	.71	868.	1776.	1406.	544833.	10353.	14503.	2615.	9500.	5665.	0.	89770.	9485.
1969	5	.69	2122.	-665.	1406.	545621.	25774.	15002.	1623.	31334.	5860.	0.	68991.	29790.
1969	6	.64	142.	7946.	1406.	535817.	7705.	15570.	5141.	14966.	6082.	0.	42425.	14568.
1969	7	.61	0.	15020.	1406.	518796.	6979.	17652.	3374.	0.	6895.	0.	29784.	650.
1969	8	.57	1233.	13891.	3842.	500673.	243.	17634.	1317.	0.	6888.	0.	14918.	650.
1969	9	.53	916.	4547.	28192.	456939.	8103.	14417.	1467.	20826.	5631.	0.	14503.	20019.
1969	10	.63	51775.	8463.	1406.	498251.	78055.	14004.	2809.	11322.	5470.	0.	65828.	11180.
1969	11	.70	12341.	6347.	1406.	502245.	71630.	12817.	0.	0.	5006.	0.	126047.	650.
1969	12	.73	3358.	4867.	1406.	498736.	39811.	12714.	2303.	36.	4966.	0.	152211.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1970	1	.72	1710.	2109.	1406.	496337.	9766.	12456.	-322.	145.	4865.	0.	151103.	785.
1970	2	.71	811.	3153.	1406.	491995.	5172.	11424.	2210.	578.	4462.	0.	143469.	1188.
1970	3	.71	6292.	4194.	1406.	492093.	24066.	13849.	2664.	5474.	5410.	0.	146954.	5740.
1970	4	.68	486.	5224.	1406.	485355.	3688.	14503.	4227.	9500.	5665.	0.	123818.	9485.
1970	5	.73	36107.	6761.	1406.	512701.	64168.	15002.	-1061.	31334.	5860.	0.	144118.	29790.
1970	6	.83	29094.	11886.	1406.	527910.	157117.	15570.	1893.	0.	6082.	57859.	212353.	54459.
1970	7	.79	1107.	11470.	1406.	515546.	5205.	17652.	10672.	0.	6895.	0.	190640.	650.
1970	8	.76	1899.	8775.	1406.	506671.	12541.	17634.	8264.	0.	6888.	0.	178689.	650.
1970	9	.74	7595.	-10527.	1406.	522793.	185.	14417.	3287.	20826.	5631.	0.	141749.	20019.
1970	10	.73	3504.	6483.	1406.	517814.	22639.	14004.	6374.	11322.	5470.	0.	134093.	11180.
1970	11	.70	396.	6439.	1406.	509771.	1254.	12817.	5392.	0.	5006.	0.	118544.	650.
1970	12	.68	372.	5748.	1406.	502395.	4778.	12714.	3621.	36.	4966.	0.	108357.	684.
1971	1	.66	349.	5913.	1406.	494831.	1278.	12456.	3979.	145.	4865.	0.	94461.	785.
1971	2	.63	33.	4820.	1406.	488044.	511.	11424.	2890.	578.	4462.	0.	81486.	1188.
1971	3	.60	0.	9338.	1406.	476706.	20.	13849.	4596.	5474.	5410.	0.	58993.	5740.
1971	4	.57	0.	6363.	1406.	468343.	10911.	14503.	2320.	9500.	5665.	0.	44986.	9485.
1971	5	.50	0.	7820.	18218.	434609.	54.	15002.	2260.	31334.	5860.	0.	14662.	29790.
1971	6	.45	3185.	6442.	31757.	386178.	0.	15570.	1360.	14966.	6082.	0.	14524.	14568.
1971	7	.66	5500.	13071.	1406.	376607.	300281.	17652.	11631.	0.	6895.	74575.	212353.	70005.
1971	8	.97	290383.	4099.	1406.	660890.	415914.	17634.	-4235.	0.	6888.	403921.	212353.	376296.
1971	9	1.00	23578.	-507.	1406.	682976.	608695.	14417.	-20406.	0.	5631.	595263.	212353.	554245.
1971	10	1.00	116320.	1287.	79604.	684774.	830575.	14004.	-578.	0.	5470.	885430.	212353.	824100.
1971	11	1.00	15576.	6948.	6066.	684774.	75047.	12817.	6160.	0.	5006.	62135.	212353.	58436.
1971	12	1.00	7241.	2573.	3281.	684774.	23125.	12714.	1348.	0.	4966.	12308.	212353.	12097.
1972	1	1.00	4631.	2059.	1808.	684774.	16951.	12456.	1540.	0.	4865.	4619.	212353.	4945.
1972	2	.99	3483.	3342.	1406.	682915.	8422.	11424.	2668.	578.	4462.	0.	207511.	1188.
1972	3	.97	1924.	7670.	1406.	675169.	6502.	13849.	5341.	5474.	5410.	0.	190755.	5740.
1972	4	.93	1135.	8357.	1406.	665947.	0.	14503.	2781.	9500.	5665.	0.	165376.	9485.
1972	5	1.00	20067.	2033.	1406.	681981.	152097.	15002.	-4428.	0.	5860.	64618.	212353.	60745.
1972	6	.96	2096.	7154.	1406.	674923.	11320.	15570.	3902.	14966.	6082.	0.	190641.	14568.
1972	7	.93	386.	8604.	1406.	664705.	4209.	17652.	5774.	0.	6895.	0.	172831.	650.
1972	8	.92	3247.	9777.	1406.	656175.	19160.	17634.	7587.	0.	6888.	0.	168175.	650.
1972	9	.93	23639.	7041.	1406.	670774.	30552.	14417.	3995.	20826.	5631.	0.	160895.	20019.
1972	10	.89	2430.	8326.	1406.	662878.	4828.	14004.	2232.	11322.	5470.	0.	139570.	11180.
1972	11	.87	1137.	2759.	1406.	659255.	0.	12817.	2845.	0.	5006.	0.	125313.	650.
1972	12	.85	1565.	4496.	1406.	654325.	0.	12714.	2981.	36.	4966.	0.	110987.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1973	1	.84	2164.	1494.	1406.	652995.	0.	12456.	1217.	145.	4865.	0.	98576.	785.
1973	2	.83	3352.	-498.	1406.	654845.	0.	11424.	258.	578.	4462.	0.	87721.	1188.
1973	3	.80	2467.	5718.	1406.	649594.	4138.	13849.	2879.	5474.	5410.	0.	71064.	5740.
1973	4	.80	8327.	2236.	1406.	653685.	16349.	14503.	1797.	9500.	5665.	0.	63018.	9485.
1973	5	.74	1626.	10154.	1406.	643157.	4294.	15002.	2351.	31334.	5860.	0.	20031.	29790.
1973	6	.98	29452.	2246.	1406.	668364.	248540.	15570.	-19771.	0.	6082.	46859.	212353.	44229.
1973	7	1.00	106563.	10808.	55779.	684774.	38985.	17652.	9240.	0.	6895.	67872.	212353.	63771.
1973	8	1.00	22079.	9264.	9009.	684774.	13921.	17634.	2695.	0.	6888.	2601.	212353.	3069.
1973	9	1.00	45440.	3088.	29774.	684774.	36310.	14417.	-2888.	0.	5631.	33727.	212353.	32017.
1973	10	1.00	87828.	3088.	59572.	684774.	394483.	14004.	-7893.	0.	5470.	436621.	212353.	406708.
1973	11	1.00	15714.	8235.	5258.	684774.	59692.	12817.	6738.	0.	5006.	45395.	212353.	42867.
1973	12	1.00	8399.	8226.	1406.	682947.	19639.	12714.	6691.	0.	4966.	1604.	212353.	2141.
1974	1	1.00	7266.	2058.	2377.	684774.	7505.	12456.	-192.	145.	4865.	0.	209826.	785.
1974	2	.97	5165.	7956.	1406.	679983.	0.	11424.	5930.	578.	4462.	0.	193300.	1188.
1974	3	1.00	14442.	3344.	4434.	684774.	37816.	13849.	-2468.	0.	5410.	6342.	212353.	6548.
1974	4	.96	3030.	8966.	1406.	676838.	3992.	14503.	7711.	9500.	5665.	0.	186037.	9485.
1974	5	.93	10227.	7145.	1406.	677920.	17679.	15002.	4402.	31334.	5860.	0.	154384.	29790.
1974	6	.88	3596.	12434.	1406.	667082.	2196.	15570.	2917.	14966.	6082.	0.	124533.	14568.
1974	7	.84	722.	15018.	1406.	650785.	1080.	17652.	8922.	0.	6895.	0.	100445.	650.
1974	8	.94	31134.	6278.	1406.	673641.	83900.	17634.	2254.	0.	6888.	0.	165862.	650.
1974	9	1.00	71154.	7463.	36949.	684774.	121077.	14417.	-1540.	0.	5631.	77831.	212353.	73033.
1974	10	.98	8348.	5404.	2070.	684774.	7271.	14004.	4831.	11322.	5470.	0.	191536.	11180.
1974	11	.98	7564.	2831.	3328.	684774.	17467.	12817.	2553.	0.	5006.	0.	196960.	650.
1974	12	.98	6587.	3345.	2279.	684774.	6655.	12714.	2006.	36.	4966.	0.	191137.	684.
1975	1	.97	6410.	4117.	1612.	684774.	5940.	12456.	2148.	145.	4865.	0.	183941.	785.
1975	2	.97	21313.	4117.	12089.	684774.	5572.	11424.	3721.	578.	4462.	0.	185878.	1188.
1975	3	.95	5529.	7702.	1406.	680601.	4898.	13849.	5515.	5474.	5410.	0.	167344.	5740.
1975	4	.92	5538.	7156.	1406.	676983.	5280.	14503.	5968.	9500.	5665.	0.	144059.	9485.
1975	5	.98	55024.	4375.	30129.	684774.	74587.	15002.	4247.	31334.	5860.	0.	198193.	29790.
1975	6	1.00	21938.	7977.	9814.	684774.	108813.	15570.	6545.	0.	6082.	67386.	212353.	63319.
1975	7	1.00	9641.	10022.	1406.	682393.	65134.	17652.	6545.	0.	6895.	42343.	212353.	40029.
1975	8	.98	4389.	11235.	1406.	673546.	13244.	17634.	3042.	0.	6888.	0.	206326.	650.
1975	9	.95	8953.	8377.	1406.	672122.	8359.	14417.	4508.	20826.	5631.	0.	176340.	20019.
1975	10	.91	4208.	8848.	1406.	665482.	3222.	14004.	6753.	11322.	5470.	0.	148888.	11180.
1975	11	.89	3788.	8288.	1406.	658982.	11398.	12817.	5782.	0.	5006.	0.	143093.	650.
1975	12	.88	3601.	4499.	1406.	656084.	0.	12714.	2731.	36.	4966.	0.	129017.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.86	3760.	5729.	1406.	652115.	4060.	12456.	3619.	145.	4865.	0.	118263.	785.
1976	2	.83	2127.	7676.	1406.	644566.	0.	11424.	4403.	578.	4462.	0.	103264.	1188.
1976	3	.80	1834.	6637.	1406.	637763.	0.	13849.	3708.	5474.	5410.	0.	81639.	5740.
1976	4	.81	20234.	1976.	1406.	654021.	13739.	14503.	-2949.	9500.	5665.	0.	75730.	9485.
1976	5	.85	59994.	4355.	17495.	684774.	33205.	15002.	115.	31334.	5860.	0.	79979.	29790.
1976	6	.81	6324.	14075.	1406.	675023.	1091.	15570.	3152.	14966.	6082.	0.	48788.	14568.
1976	7	.94	65453.	4375.	36083.	684774.	89824.	17652.	-5075.	0.	6895.	0.	162119.	650.
1976	8	.98	17934.	14925.	2115.	684774.	55173.	17634.	10272.	0.	6888.	0.	191502.	650.
1976	9	1.00	9256.	7462.	1406.	684568.	96730.	14417.	5390.	0.	5631.	36651.	212353.	34735.
1976	10	1.00	40525.	3345.	25993.	684774.	124642.	14004.	-4043.	0.	5470.	129351.	212353.	120946.
1976	11	1.00	32483.	772.	22293.	684774.	243951.	12817.	-3273.	0.	5006.	256699.	212353.	239380.
1976	12	1.00	21599.	772.	14641.	684774.	97225.	12714.	-2695.	0.	4966.	101811.	212353.	95334.
1977	1	1.00	16730.	-772.	12304.	684774.	35617.	12456.	-385.	0.	4865.	35705.	212353.	33856.
1977	2	1.00	13571.	4375.	6465.	684774.	20144.	11424.	1925.	0.	4462.	12682.	212353.	12444.
1977	3	.99	11776.	6691.	3575.	684774.	14179.	13849.	5114.	5474.	5410.	0.	205670.	5740.
1977	4	1.00	111433.	515.	77976.	684774.	198831.	14503.	3080.	0.	5665.	243040.	212353.	226677.
1977	5	1.00	33294.	5147.	19788.	684774.	66408.	15002.	3465.	0.	5860.	36395.	212353.	34497.
1977	6	.99	12575.	9521.	2147.	684774.	27814.	15570.	6982.	14966.	6082.	0.	204796.	14568.
1977	7	.95	5795.	17617.	1406.	670952.	5700.	17652.	11850.	0.	6895.	0.	182400.	650.
1977	8	.90	2698.	19326.	1406.	652324.	1209.	17634.	12314.	0.	6888.	0.	155067.	650.
1977	9	.84	3541.	14572.	1406.	639293.	527.	14417.	6167.	20826.	5631.	0.	115589.	20019.
1977	10	.81	8591.	10285.	1406.	635599.	3676.	14004.	2556.	11322.	5470.	0.	92789.	11180.
1977	11	.81	9593.	6359.	1406.	636833.	11486.	12817.	3309.	0.	5006.	0.	89554.	650.
1977	12	.79	5980.	7085.	1406.	633728.	3162.	12714.	3606.	36.	4966.	0.	77766.	684.
1978	1	.79	5806.	2197.	1406.	635337.	3460.	12456.	328.	145.	4865.	0.	69703.	785.
1978	2	.78	4363.	2443.	1406.	635256.	2605.	11424.	689.	578.	4462.	0.	61023.	1188.
1978	3	.75	3175.	9245.	1406.	627186.	2511.	13849.	3090.	5474.	5410.	0.	42527.	5740.
1978	4	.71	2327.	7723.	1406.	619790.	2825.	14503.	1524.	9500.	5665.	0.	21231.	9485.
1978	5	.64	2174.	10255.	35122.	561749.	6305.	15002.	1814.	31334.	5860.	0.	14508.	29790.
1978	6	.73	61248.	8127.	1406.	612871.	60626.	15570.	1659.	14966.	6082.	0.	44345.	14568.
1978	7	.70	1979.	14916.	1406.	597933.	5918.	17652.	4646.	0.	6895.	0.	29371.	650.
1978	8	.77	53621.	9608.	1406.	639946.	42129.	17634.	3590.	0.	6888.	0.	51682.	650.
1978	9	.81	22565.	3467.	1406.	657044.	49909.	14417.	91.	20826.	5631.	0.	67662.	20019.
1978	10	.77	1915.	7714.	1406.	649245.	704.	14004.	1774.	11322.	5470.	0.	42671.	11180.
1978	11	.76	2640.	2971.	1406.	646914.	5503.	12817.	1235.	0.	5006.	0.	35527.	650.
1978	12	.75	2510.	3457.	1406.	643968.	1894.	12714.	773.	36.	4966.	0.	25304.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1979	1	.75	5066.	247.	1406.	646787.	7516.	12456.	-481.	145.	4865.	0.	22106.	785.
1979	2	.73	3035.	1975.	2604.	644142.	2342.	11424.	81.	578.	4462.	0.	14969.	1188.
1979	3	.71	11232.	5363.	19644.	622069.	32.	13849.	523.	5474.	5410.	0.	14799.	5740.
1979	4	.76	31868.	1467.	1406.	650469.	40147.	14503.	48.	9500.	5665.	0.	32301.	9485.
1979	5	.73	10600.	6177.	9217.	641782.	20246.	15002.	522.	31334.	5860.	0.	14906.	29790.
1979	6	.94	79525.	7650.	20305.	684774.	162327.	15570.	5624.	14966.	6082.	0.	161378.	14568.
1979	7	.93	9577.	10022.	1406.	682329.	5125.	17652.	1943.	0.	6895.	0.	148315.	650.
1979	8	.89	2451.	13753.	1406.	669027.	4652.	17634.	7297.	0.	6888.	0.	129441.	650.
1979	9	.84	1561.	9310.	1406.	659278.	1445.	14417.	-281.	20826.	5631.	0.	97329.	20019.
1979	10	.80	962.	14163.	1406.	644077.	2473.	14004.	6372.	11322.	5470.	0.	69510.	11180.
1979	11	.77	1113.	7610.	1406.	635580.	0.	12817.	3330.	0.	5006.	0.	54769.	650.
1979	12	.76	2612.	3660.	1406.	632532.	3972.	12714.	1337.	36.	4966.	0.	46060.	684.
1980	1	.75	3083.	1461.	1406.	632154.	0.	12456.	-1804.	145.	4865.	0.	36669.	785.
1980	2	.73	1479.	3645.	1406.	627988.	0.	11424.	561.	578.	4462.	0.	25512.	1188.
1980	3	.69	538.	7674.	9892.	606781.	0.	13849.	1308.	5474.	5410.	0.	14773.	5740.
1980	4	.64	246.	10638.	25282.	560427.	0.	14503.	1594.	9500.	5665.	0.	14458.	9485.
1980	5	.83	96850.	3791.	1406.	651486.	129578.	15002.	1710.	31334.	5860.	0.	97396.	29790.
1980	6	.81	8591.	18274.	1406.	639803.	30987.	15570.	9879.	14966.	6082.	0.	89374.	14568.
1980	7	.76	9.	19661.	1406.	618151.	3035.	17652.	9663.	0.	6895.	0.	66500.	650.
1980	8	.95	36246.	8029.	1406.	644368.	314054.	17634.	-385.	0.	6888.	152358.	212353.	142343.
1980	9	.95	17144.	8168.	1406.	651344.	20357.	14417.	-947.	20826.	5631.	0.	199820.	20019.
1980	10	.91	9251.	9922.	1406.	648673.	371.	14004.	8075.	11322.	5470.	0.	168195.	11180.
1980	11	.89	820.	2473.	1406.	645021.	735.	12817.	1327.	0.	5006.	0.	156191.	650.
1980	12	.88	735.	3447.	1406.	640309.	4956.	12714.	3037.	36.	4966.	0.	146765.	684.
1981	1	.87	1607.	1472.	1406.	638444.	1363.	12456.	-780.	145.	4865.	0.	137714.	785.
1981	2	.85	822.	2691.	1406.	634575.	1081.	11424.	301.	578.	4462.	0.	127897.	1188.
1981	3	.83	1980.	3412.	1406.	631143.	2304.	13849.	1288.	5474.	5410.	0.	110996.	5740.
1981	4	.82	20377.	3922.	1406.	645598.	2124.	14503.	3160.	9500.	5665.	0.	87363.	9485.
1981	5	1.00	45909.	3529.	2253.	684774.	169403.	15002.	-2580.	28423.	5860.	2910.	212353.	29790.
1981	6	1.00	130166.	4117.	88612.	684774.	350103.	15570.	-5390.	0.	6082.	413570.	212353.	385270.
1981	7	1.00	29639.	11837.	12515.	684774.	139864.	17652.	2888.	0.	6895.	131839.	212353.	123261.
1981	8	.99	5895.	10511.	1406.	678158.	16755.	17634.	4002.	0.	6888.	0.	208878.	650.
1981	9	.98	5402.	11693.	1406.	669867.	67608.	14417.	10203.	734.	5631.	20092.	212353.	20019.
1981	10	1.00	52596.	4375.	23420.	684774.	73254.	14004.	193.	0.	5470.	71155.	212353.	66824.
1981	11	1.00	7109.	6941.	1406.	682942.	43940.	12817.	6160.	0.	5006.	26368.	212353.	25173.
1981	12	.99	5966.	5644.	1406.	681264.	9648.	12714.	3801.	36.	4966.	0.	206855.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1982	1	.98	6079.	5889.	1406.	679454.	8731.	12456.	5031.	145.	4865.	0.	199360.	785.
1982	2	.98	5391.	512.	1406.	682333.	9721.	11424.	-186.	578.	4462.	0.	198670.	1188.
1982	3	.97	5040.	5382.	1406.	679991.	9631.	13849.	3805.	5474.	5410.	0.	186579.	5740.
1982	4	.94	4327.	3581.	1406.	678737.	4747.	14503.	2595.	9500.	5665.	0.	166134.	9485.
1982	5	1.00	13401.	4618.	1931.	684774.	95645.	15002.	-546.	25766.	5860.	5567.	212353.	29790.
1982	6	.96	4917.	11523.	1406.	676168.	14920.	15570.	10448.	14966.	6082.	0.	187696.	14568.
1982	7	.91	2858.	20178.	1406.	656848.	2304.	17652.	14475.	0.	6895.	0.	159279.	650.
1982	8	.86	1687.	17328.	1406.	639206.	3035.	17634.	12378.	0.	6888.	0.	133708.	650.
1982	9	.81	1809.	12672.	1406.	626343.	7407.	14417.	9043.	20826.	5631.	0.	98235.	20019.
1982	10	.80	12674.	243.	1406.	636774.	14384.	14004.	3820.	11322.	5470.	0.	84878.	11180.
1982	11	.79	705.	2686.	1406.	632793.	6182.	12817.	2008.	0.	5006.	0.	77640.	650.
1982	12	.77	1341.	5102.	1406.	627031.	4029.	12714.	2560.	36.	4966.	0.	67764.	684.
1983	1	.76	1733.	2902.	1406.	623862.	0.	12456.	1485.	145.	4865.	0.	55085.	785.
1983	2	.75	2170.	0.	1406.	624032.	525.	11424.	-158.	578.	4462.	0.	45172.	1188.
1983	3	.73	2359.	2412.	1406.	621979.	7519.	13849.	1241.	5474.	5410.	0.	33533.	5740.
1983	4	.69	670.	11437.	7441.	600628.	139.	14503.	2309.	9500.	5665.	0.	14802.	9485.
1983	5	.61	0.	7488.	42865.	532165.	4561.	15002.	1364.	31334.	5860.	0.	14528.	29790.
1983	6	.56	9527.	8130.	30981.	489492.	0.	15570.	0.	14966.	6082.	0.	14973.	14568.
1983	7	.53	321.	9869.	15044.	458545.	3608.	17652.	1468.	0.	6895.	0.	14505.	650.
1983	8	.50	39.	9545.	12795.	430839.	6850.	17634.	2036.	0.	6888.	0.	14479.	650.
1983	9	.54	16923.	6670.	1406.	439092.	65388.	14417.	1659.	20826.	5631.	0.	44371.	20019.
1983	10	.52	659.	4716.	1406.	433035.	18722.	14004.	1477.	11322.	5470.	0.	37695.	11180.
1983	11	.51	73.	3314.	1406.	427794.	8509.	12817.	1867.	0.	5006.	0.	32926.	650.
1983	12	.49	49.	3483.	1406.	422360.	0.	12714.	916.	36.	4966.	0.	20665.	684.
1984	1	.49	0.	1154.	1406.	419206.	7603.	12456.	-41.	145.	4865.	0.	17115.	785.
1984	2	.47	0.	4172.	8594.	402809.	1996.	11424.	869.	578.	4462.	0.	14834.	1188.
1984	3	.43	0.	6225.	17846.	371199.	2538.	13849.	1365.	5474.	5410.	0.	14529.	5740.
1984	4	.38	0.	8280.	25642.	326444.	0.	14503.	1780.	9500.	5665.	0.	14388.	9485.
1984	5	.31	0.	7016.	41004.	261101.	7077.	15002.	1742.	31334.	5860.	0.	14392.	29790.
1984	6	.27	0.	8712.	18460.	226130.	13595.	15570.	1418.	14966.	6082.	0.	14493.	14568.
1984	7	.25	19.	7305.	7053.	208811.	12735.	17652.	1875.	0.	6895.	0.	14755.	650.
1984	8	.21	0.	9028.	16152.	176807.	3304.	17634.	2333.	0.	6888.	0.	14243.	650.
1984	9	.15	0.	6135.	35477.	120207.	1469.	14417.	1478.	20826.	5631.	0.	14467.	20019.
1984	10	.23	59683.	716.	1406.	177174.	34076.	14004.	-602.	11322.	5470.	0.	25224.	11180.
1984	11	.22	0.	1684.	1406.	173490.	12534.	12817.	838.	0.	5006.	0.	25510.	650.
1984	12	.21	0.	888.	1406.	170601.	5161.	12714.	367.	36.	4966.	0.	18959.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*----------LAKE CORPUS CHRISTI----------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1985	1	.24	27754.	346.	1406.	196010.	12265.	12456.	-557.	145.	4865.	0.	20587.	785.
1985	2	.23	1210.	836.	2479.	192858.	3646.	11424.	-278.	578.	4462.	0.	14988.	1188.
1985	3	.23	3654.	833.	1406.	193679.	20293.	13849.	329.	5474.	5410.	0.	17034.	5740.
1985	4	.28	6998.	1198.	1406.	197479.	51955.	14503.	-3094.	9500.	5665.	0.	49486.	9485.
1985	5	.33	5492.	2294.	1406.	198676.	96893.	15002.	666.	31334.	5860.	0.	100783.	29790.
1985	6	.36	2759.	-2431.	1406.	201867.	49767.	15570.	2068.	14966.	6082.	0.	119352.	14568.
1985	7	.38	8911.	6842.	1406.	201936.	43836.	17652.	9191.	0.	6895.	0.	137751.	650.
1985	8	.34	687.	9257.	1406.	191366.	1569.	17634.	10904.	0.	6888.	0.	112188.	650.
1985	9	.32	21947.	2551.	1406.	208762.	0.	14417.	3849.	20826.	5631.	0.	74501.	20019.
1985	10	.45	71023.	1791.	1406.	275993.	74059.	14004.	133.	11322.	5470.	0.	124507.	11180.
1985	11	.55	8123.	-1365.	1406.	283481.	108345.	12817.	-689.	0.	5006.	9776.	212353.	9742.
1985	12	.55	551.	2132.	1406.	279901.	13395.	12714.	3442.	36.	4966.	0.	210961.	684.
1986	1	.53	1274.	2118.	1406.	277056.	0.	12456.	3553.	145.	4865.	0.	196214.	785.
1986	2	.51	0.	3302.	1406.	271755.	6277.	11424.	2001.	578.	4462.	0.	189894.	1188.
1986	3	.48	0.	5906.	1406.	263849.	0.	13849.	7404.	5474.	5410.	0.	164573.	5740.
1986	4	.44	0.	4778.	1406.	257071.	1478.	14503.	5879.	9500.	5665.	0.	137575.	9485.
1986	5	.38	1410.	1574.	1406.	254907.	1039.	15002.	3900.	31334.	5860.	0.	89783.	29790.
1986	6	.43	39629.	-1802.	1406.	294338.	32572.	15570.	2414.	14966.	6082.	0.	90812.	14568.
1986	7	.39	1416.	10958.	1406.	282795.	2372.	17652.	9284.	0.	6895.	0.	67654.	650.
1986	8	.36	1204.	10413.	1406.	271586.	1339.	17634.	4968.	0.	6888.	0.	47797.	650.
1986	9	.32	10707.	8456.	4319.	267694.	0.	14417.	1947.	20826.	5631.	0.	14925.	20019.
1986	10	.37	64227.	-929.	13833.	313172.	11889.	14004.	488.	11322.	5470.	0.	14832.	11180.
1986	11	.37	2730.	1939.	1406.	311964.	14966.	12817.	150.	0.	5006.	0.	18237.	650.
1986	12	.42	31026.	-1993.	1406.	342982.	22184.	12714.	-386.	36.	4966.	0.	29462.	684.
1987	1	.42	11204.	1375.	1406.	350811.	10990.	12456.	378.	145.	4865.	0.	28880.	785.
1987	2	.44	5537.	-1913.	1406.	356261.	14970.	11424.	-1095.	578.	4462.	0.	34349.	1188.
1987	3	.43	8485.	3676.	1406.	359070.	15039.	13849.	1422.	5474.	5410.	0.	30049.	5740.
1987	4	.40	5701.	6589.	9597.	344531.	0.	14503.	782.	9500.	5665.	0.	14861.	9485.
1987	5	.37	17295.	2004.	30268.	316766.	15801.	15002.	-570.	31334.	5860.	0.	15164.	29790.
1987	6	1.00	495187.	-3399.	91796.	684774.	131940.	15570.	-5968.	12987.	6082.	1979.	212353.	14568.
1987	7	1.00	78727.	12609.	46481.	684774.	70508.	17652.	8085.	0.	6895.	91252.	212353.	85514.
1987	8	.98	20346.	17756.	1821.	684774.	10754.	17634.	12907.	0.	6888.	0.	194387.	650.
1987	9	.95	11981.	10291.	1406.	684464.	18292.	14417.	8553.	20826.	5631.	0.	170289.	20019.
1987	10	.92	6306.	14324.	1406.	674446.	5964.	14004.	4736.	11322.	5470.	0.	147596.	11180.
1987	11	.91	7847.	4835.	1406.	675458.	7328.	12817.	1567.	0.	5006.	0.	141945.	650.
1987	12	.90	8261.	3825.	1406.	677894.	3887.	12714.	2588.	36.	4966.	0.	131899.	684.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN3 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.89	8310.	4600.	1406.	679604.	2732.	12456.	2201.	145.	4865.	0.	121235.	785.
1988	2	.88	7609.	4097.	1406.	681116.	783.	11424.	1830.	578.	4462.	0.	109592.	1188.
1988	3	.86	6073.	6653.	1406.	678536.	921.	13849.	3683.	5474.	5410.	0.	88912.	5740.
1988	4	.82	3392.	6877.	1406.	673051.	2546.	14503.	4423.	9500.	5665.	0.	64438.	9485.
1988	5	.77	6383.	5582.	1406.	671852.	0.	15002.	2259.	31334.	5860.	0.	17249.	29790.
1988	6	.71	8164.	13372.	29391.	624836.	0.	15570.	1574.	14966.	6082.	0.	14529.	14568.
1988	7	.70	23420.	10791.	19313.	609993.	0.	17652.	1812.	0.	6895.	0.	14379.	650.
1988	8	.66	5157.	14277.	15179.	579281.	4366.	17634.	1966.	0.	6888.	0.	14323.	650.
1988	9	.61	724.	8968.	27402.	532059.	8559.	14417.	104.	20826.	5631.	0.	14936.	20019.
1988	10	.57	2390.	8157.	21405.	495844.	4748.	14004.	1168.	11322.	5470.	0.	14594.	11180.
1988	11	.55	0.	7730.	4719.	481401.	9671.	12817.	1292.	0.	5006.	0.	14875.	650.
1988	12	.55	0.	5162.	1406.	474239.	18030.	12714.	704.	36.	4966.	0.	20857.	684.
1989	1	.56	2578.	617.	1406.	474200.	15243.	12456.	279.	145.	4865.	0.	24626.	785.
1989	2	.55	4085.	2467.	1406.	473818.	4197.	11424.	1291.	578.	4462.	0.	16936.	1188.
1989	3	.53	6267.	6324.	9635.	460055.	9523.	13849.	2142.	5474.	5410.	0.	14629.	5740.
1989	4	.51	11752.	5612.	16947.	442088.	8649.	14503.	1848.	9500.	5665.	0.	14374.	9485.
1989	5	.45	7638.	12591.	34399.	388204.	14432.	15002.	2780.	31334.	5860.	0.	14088.	29790.
1989	6	.43	8904.	10141.	11067.	371226.	22324.	15570.	2456.	14966.	6082.	0.	14487.	14568.
1989	7	.43	6907.	12618.	1406.	363515.	31430.	17652.	3562.	0.	6895.	0.	26109.	650.
1989	8	.44	6922.	11251.	1406.	357186.	27912.	17634.	4623.	0.	6888.	0.	33170.	650.
1989	9	.39	154.	9465.	7117.	337751.	13373.	14417.	3644.	20826.	5631.	0.	14773.	20019.
1989	10	.37	1903.	6297.	12959.	314923.	13532.	14004.	1297.	11322.	5470.	0.	14640.	11180.
1989	11	.36	1288.	2582.	3249.	309007.	10846.	12817.	993.	0.	5006.	0.	14924.	650.
1989	12	.36	74.	0.	1802.	306518.	11438.	12714.	453.	36.	4966.	0.	14960.	684.

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.035$	.073$	.068$	.069$	.105$	.171$	.169$	.092$	.086$	.061$	.037$	
MAX $	5913.$	7956.$	9338.$	11437.$	12759.$	18274.$	20178.$	19326.$	15792.$	14324.$	8706.$	8226.$	100720.$
MIN $	-6433.$	-3483.$	127.$	-5147.$	-6923.$	-12867.$	-3345.$	376.$	-19300.$	-5147.$	-2450.$	-15217.$	6996.$
MEAN $	2199.$	2292.$	4877.$	4518.$	4601.$	6938.$	11354.$	11219.$	6134.$	5708.$	4077.$	2471.$	66388.$
GMEAN $	884.$	513.$	3648.$	2232.$	1195.$	2704.$	8437.$	9437.$	2347.$	2283.$	2258.$	609.$	59368.$
MEDIAN$	2158.$	2345.$	5259.$	4495.$	4687.$	7475.$	11642.$	11320.$	6740.$	5946.$	4154.$	3245.$	71795.$
STDDEV$	2363.0$	2438.8$	2447.5$	3447.7$	4028.4$	5432.9$	5004.4$	4656.0$	6214.5$	4368.7$	2782.4$	3477.4$	24127.8$
SKEW $	.05$	-.06$	-.47$	.02$	-.06$	-.30$	-.17$	-.07$	-.29$	-.16$	-.08$	-.67$	-.67$
CCR RELEASE-ADJ													
PER % $	.033$	.036$	.046$	.087$	.133$	.204$	.119$	.035$	.123$	.117$	.037$	.030$	
MAX $	13387.$	13101.$	19709.$	77976.$	98323.$	395159.$	100247.$	20016.$	74360.$	83719.$	25840.$	14641.$	598594.$
MIN $	1406.$	0.$	0.$	1406.$	1406.$	0.$	1406.$	0.$	1406.$	1406.$	880.$	1406.$	15482.$
MEAN $	2817.$	3032.$	3941.$	7382.$	11318.$	17315.$	10052.$	2983.$	10387.$	9883.$	3099.$	2575.$	84783.$
GMEAN $	1916.$	1797.$	1943.$	2802.$	3909.$	3284.$	3028.$	1504.$	3141.$	3259.$	1944.$	1836.$	54132.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	57708.$
STDDEV$	3522.3$	3576.1$	5626.2$	14278.1$	18554.2$	54241.2$	20526.5$	4248.0$	19225.2$	17854.5$	4824.0$	3270.8$	92822.0$
SKEW $	1.20$	1.36$	1.35$	1.26$	1.60$	.88$	1.26$	1.11$	1.40$	1.42$	1.05$	1.07$	.88$
CCR E-O-M													
PER % $	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	.083$	.084$	.083$	.083$	
MAX $	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	8173953.$
MIN $	3177.$	3114.$	7738.$	16485.$	3177.$	5511.$	3177.$	6103.$	4492.$	9614.$	10408.$	7340.$	359649.$
MEAN $	516942.$	516259.$	509251.$	506360.$	510453.$	517258.$	509262.$	506751.$	512272.$	514254.$	510914.$	508925.$	6138902.$
GMEAN $	417061.$	415690.$	411338.$	420344.$	419426.$	413496.$	378357.$	397409.$	409179.$	425804.$	423740.$	417798.$	5280289.$
MEDIAN$	626268.$	622345.$	609133.$	599013.$	582083.$	619927.$	613118.$	621240.$	614281.$	591288.$	582920.$	596304.$	7152104.$
STDDEV$	194400.6$	196336.0$	198377.4$	199572.7$	199277.8$	202625.5$	206532.6$	206879.9$	197346.9$	193891.6$	193913.1$	195057.0$	2291195.0$
SKEW $	-1.69$	-1.62$	-1.51$	-1.39$	-1.08$	-1.52$	-1.51$	-1.66$	-1.55$	-1.19$	-1.11$	-1.34$	-1.33$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.103$	.084$	.081$	.075$	.074$	
MAX $	4865.$	4462.$	5410.$	5665.$	5860.$	6082.$	6895.$	6888.$	5631.$	5470.$	5006.$	4966.$	67200.$
MIN $	4865.$	4462.$	5410.$	5665.$	5860.$	6082.$	6895.$	6888.$	5631.$	5470.$	5006.$	4966.$	67200.$
MEAN $	4865.$	4462.$	5410.$	5665.$	5860.$	6082.$	6895.$	6888.$	5631.$	5470.$	5006.$	4966.$	67200.$

GMEAN $	4865.$	4462.$	5410.$	5665.$	5860.$	6082.$	6895.$	6888.$	5631.$	5470.$	5006.$	4966.$	67199.$
MEDIAN$	4865.$	4462.$	5410.$	5665.$	5860.$	6082.$	6895.$	6888.$	5631.$	5470.$	5006.$	4966.$	67200.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.103$	.084$	.081$	.075$	.074$	
MAX $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
MIN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
MEAN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
GMEAN $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17635.$	14417.$	14004.$	12817.$	12714.$	172043.$
MEDIAN$	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.030$	.030$	.077$	.066$	.051$	.089$	.196$	.182$	.078$	.075$	.080$	.046$	
MAX $	5031.$	5930.$	7404.$	7711.$	8220.$	10448.$	14475.$	13756.$	10682.$	8075.$	7106.$	6691.$	66133.$
MIN $	-6160.$	-6353.$	-2468.$	-4837.$	-5465.$	-19771.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	3315.$
MEAN $	1004.$	1007.$	2568.$	2203.$	1712.$	2978.$	6554.$	6083.$	2596.$	2522.$	2689.$	1552.$	33468.$
GMEAN $	200.$	259.$	1411.$	1001.$	366.$	1156.$	3817.$	3435.$	599.$	863.$	1172.$	549.$	29774.$
MEDIAN$	1013.$	871.$	2454.$	2413.$	1800.$	3103.$	6866.$	5920.$	3259.$	2615.$	2423.$	1661.$	32902.$
STDDEV$	1950.5$	2233.5$	1916.4$	2361.9$	2843.4$	4419.7$	4330.6$	4105.4$	5088.9$	3548.9$	2333.2$	2193.3$	14724.7$
SKEW $	-.01$	.18$	.18$	-.27$	-.09$	-.08$	-.22$	.12$	-.39$	-.08$	.34$	-.15$	.12$
LCC RELEASE													
PER % $	.002$	.007$	.070$	.115$	.333$	.157$	.000$	.000$	.209$	.107$	.000$	.000$	
MAX $	145.$	578.$	5474.$	9500.$	31334.$	14966.$	0.$	0.$	20826.$	11322.$	0.$	36.$	94182.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	15733.$
MEAN $	124.$	516.$	5278.$	8652.$	25138.$	11888.$	0.$	0.$	15781.$	8087.$	0.$	32.$	75496.$
GMEAN $	71.$	293.$	4025.$	4193.$	4768.$	2239.$	1.$	1.$	2291.$	786.$	1.$	23.$	69529.$
MEDIAN$	145.$	578.$	5474.$	9500.$	31334.$	14966.$	0.$	0.$	20826.$	11322.$	0.$	36.$	83698.$
STDDEV$	50.7$	178.9$	1015.8$	2709.0$	12202.6$	5931.9$	.0$	.0$	8804.0$	5115.0$	.0$	12.1$	23515.9$
SKEW $	-1.22$	-1.04$	-.58$	-.94$	-1.52$	-1.56$	.10$	.10$	-1.72$	-1.90$	.10$	-1.13$	-1.05$
LCC UNCTRL SPILLS													
PER % $	.035$	.026$	.010$	.032$	.094$	.184$	.102$	.045$	.224$	.191$	.045$	.011$	
MAX $	222176.$	279456.$	146026.$	243040.$	471104.$	1547760.$	407165.$	403921.$	1189815.$	885430.$	256699.$	101811.$	2238464.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	9713.$	7279.$	2721.$	9040.$	26216.$	51291.$	28501.$	12589.$	62498.$	53192.$	12409.$	3112.$	278561.$

GMEAN $	4.$	3.$	1.$	3.$	12.$	13.$	13.$	5.$	19.$	27.$	7.$	3.$	2058.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	76437.$
STDDEV$	36572.7$	37840.2$	19341.6$	38090.1$	80046.2$	215404.3$	76799.4$	58019.5$	189105.2$	147418.5$	42377.4$	14792.7$	480491.2$
SKEW $	.80$	.58$	.42$	.71$	.98$	.71$	1.11$	.65$	.99$	1.08$	.88$	.63$	1.26$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.084$	.080$	.074$	.071$	.075$	.086$	.090$	.088$	.089$	.089$	.088$	.085$	
MAX $	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	2469506.$
MIN $	4951.$	0.$	5178.$	14374.$	0.$	0.$	0.$	1827.$	13836.$	14374.$	14651.$	14739.$	168158.$
MEAN $	121128.$	114849.$	106472.$	101686.$	107181.$	123795.$	128824.$	126170.$	127047.$	127878.$	126359.$	122160.$	1433549.$
GMEAN $	87016.$	68554.$	73207.$	70220.$	57605.$	72898.$	77969.$	87766.$	92521.$	94500.$	91435.$	89070.$	1205091.$
MEDIAN$	122623.$	120868.$	107812.$	94346.$	93589.$	122112.$	147030.$	152889.$	140911.$	138549.$	132270.$	125060.$	1645980.$
STDDEV$	72935.7$	73232.6$	70666.6$	69596.4$	79848.9$	77265.8$	75237.6$	73366.2$	72697.5$	73822.8$	74359.8$	72730.3$	664137.3$
SKEW $	-.06$	-.25$	-.06$	.32$	.51$	.07$	-.73$	-1.09$	-.57$	-.43$	-.24$	-.12$	-.96$
TOTAL INFLOW TO THE BAY													
PER % $	.029$	.023$	.024$	.051$	.143$	.176$	.081$	.037$	.218$	.171$	.036$	.011$	
MAX $	207273.$	260544.$	136455.$	226677.$	438776.$	1440067.$	379314.$	376296.$	1107178.$	824100.$	239380.$	95334.$	2104204.$
MIN $	785.$	811.$	5740.$	9485.$	22484.$	1113.$	31.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
MEAN $	9798.$	7893.$	8089.$	17103.$	48279.$	59166.$	27145.$	12358.$	73449.$	57640.$	12190.$	3574.$	336685.$
GMEAN $	1324.$	1644.$	6089.$	11287.$	35942.$	20562.$	1776.$	1096.$	30969.$	20607.$	1339.$	936.$	202041.$
MEDIAN$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	142245.$
STDDEV$	33981.9$	35100.6$	17309.1$	33554.4$	67440.2$	197821.6$	71427.6$	53958.1$	171155.4$	134442.1$	39411.0$	13751.0$	432202.2$
SKEW $	.80$	.57$	.41$	.68$	.82$	.68$	1.11$	.65$	.94$	1.04$	.88$	.63$	1.35$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.073$	.066$	.081$	.085$	.087$	.089$	.102$	.103$	.084$	.082$	.075$	.074$	
MAX $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
MIN $	11584.$	5953.$	12880.$	13488.$	10518.$	1053.$	3052.$	16400.$	13408.$	13024.$	11920.$	11824.$	129775.$
MEAN $	11584.$	10541.$	12880.$	13488.$	13891.$	14240.$	16177.$	16400.$	13408.$	13024.$	11920.$	11824.$	159377.$
GMEAN $	11584.$	10515.$	12880.$	13488.$	13882.$	13818.$	15930.$	16400.$	13408.$	13024.$	11920.$	11824.$	159319.$
MEDIAN$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
STDDEV$	.0$	618.5$	.0$	.0$	454.7$	1778.2$	1769.8$	.0$	.0$	.0$	.0$	.0$	4039.1$
SKEW $	.10$	-.40$	.10$	.10$	-.40$	-.40$	-.40$	.10$	.10$	.10$	.10$	.10$	-.46$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

YEAR$	CHOKE CANYON RESERVOIR INFLOW$	CHOKE CANYON RESERVOIR EVAP$	CHOKE CANYON RESERVOIR CCRREL$	CHOKE CANYON RESERVOIR EOM$	LAKE CORPUS CHRISTI INFLOW$	LAKE CORPUS CHRISTI DEMM$	LAKE CORPUS CHRISTI EVAP$	LAKE CORPUS CHRISTI LCCREL$	LAKE CORPUS CHRISTI RETURN$	LAKE CORPUS CHRISTI SPILL$	B & E EOM$	B & E CALALLEN$
1934$	94138.$	75256.$	34142.$	655091.$	323703.$	172043.$	40212.$	93459.$	67200.$	96250.$	167510.$	184229.$
1935$	899837.$	18668.$	598594.$	684774.$	1971228.$	172043.$	27639.$	15733.$	67200.$	2238464.$	205004.$	2104204.$
1936$	282578.$	46353.$	166066.$	684774.$	749398.$	172043.$	25143.$	21922.$	67200.$	616748.$	212353.$	601762.$
1937$	66555.$	84865.$	50350.$	594842.$	128035.$	172043.$	32953.$	94182.$	67200.$	0.$	91560.$	95389.$
1938$	95147.$	99235.$	16872.$	566755.$	325114.$	172043.$	57298.$	84537.$	67200.$	33771.$	76252.$	117826.$
1939$	76749.$	80549.$	24354.$	528311.$	269616.$	172043.$	39423.$	94182.$	67200.$	0.$	64574.$	95389.$
1940$	208894.$	62717.$	16872.$	650488.$	779993.$	172043.$	38318.$	79216.$	67200.$	348629.$	208267.$	405696.$
1941$	446252.$	33986.$	273386.$	673869.$	994963.$	172043.$	18231.$	16977.$	67200.$	1010121.$	182040.$	963001.$
1942$	342179.$	55310.$	205482.$	668445.$	945113.$	172043.$	28033.$	62033.$	67200.$	853267.$	185110.$	859029.$
1943$	71937.$	88098.$	16872.$	628283.$	161056.$	172043.$	41554.$	94182.$	67200.$	0.$	55259.$	95389.$
1944$	131110.$	73761.$	21560.$	654964.$	630193.$	172043.$	37367.$	73355.$	67200.$	236392.$	167027.$	295865.$
1945$	107492.$	90014.$	16872.$	648443.$	447692.$	172043.$	55585.$	73359.$	67200.$	129193.$	180588.$	196174.$
1946$	323039.$	57451.$	169124.$	673456.$	1010103.$	172043.$	32850.$	15733.$	67200.$	871720.$	189021.$	833131.$
1947$	36172.$	87863.$	16872.$	597765.$	279647.$	172043.$	51374.$	62848.$	67200.$	50260.$	117680.$	112991.$
1948$	42109.$	83949.$	71368.$	454405.$	115220.$	172043.$	23275.$	94182.$	67200.$	0.$	14769.$	95389.$
1949$	218812.$	53903.$	35589.$	568690.$	757726.$	172043.$	41296.$	38382.$	67200.$	338402.$	162162.$	358209.$
1950$	20676.$	93386.$	16872.$	471980.$	188694.$	172043.$	56562.$	94182.$	67200.$	0.$	44941.$	95389.$
1951$	153199.$	74168.$	55546.$	471998.$	338469.$	172043.$	34877.$	94182.$	67200.$	0.$	137853.$	95389.$
1952$	32784.$	76179.$	34371.$	379711.$	143335.$	172043.$	34463.$	94182.$	67200.$	0.$	14872.$	95389.$
1953$	256286.$	59187.$	93357.$	444012.$	468874.$	172043.$	19222.$	62033.$	67200.$	93624.$	198033.$	152561.$
1954$	34820.$	92279.$	16872.$	362553.$	226784.$	172043.$	66133.$	94182.$	67200.$	0.$	109331.$	95389.$
1955$	39869.$	85994.$	83036.$	198313.$	116167.$	172043.$	27570.$	94182.$	67200.$	0.$	14739.$	95389.$
1956$	53601.$	21267.$	157072.$	7340.$	123426.$	172043.$	14055.$	94182.$	67200.$	0.$	14957.$	95389.$
1957$	423638.$	40173.$	15482.$	368841.$	1248395.$	172043.$	39534.$	23998.$	67200.$	778619.$	199733.$	753857.$
1958$	465123.$	51134.$	68933.$	684774.$	1254231.$	172043.$	23098.$	76626.$	67200.$	1021221.$	212353.$	1028798.$
1959$	129998.$	89094.$	34510.$	676589.$	357269.$	172043.$	48187.$	82715.$	67200.$	86517.$	203203.$	165185.$
1960$	92022.$	60022.$	16872.$	684589.$	415631.$	172043.$	23438.$	82823.$	67200.$	133690.$	212353.$	209157.$
1961$	120225.$	76429.$	66579.$	633678.$	243964.$	172043.$	51930.$	93459.$	67200.$	83638.$	121103.$	172499.$
1962$	9206.$	94874.$	128770.$	364837.$	55431.$	172043.$	24163.$	94182.$	67200.$	0.$	14917.$	95389.$
1963$	29202.$	53549.$	150079.$	127006.$	144897.$	172043.$	26858.$	94182.$	67200.$	0.$	16811.$	95389.$
1964$	24178.$	6996.$	91981.$	13488.$	431593.$	172043.$	16214.$	82859.$	67200.$	126605.$	185429.$	181221.$
1965$	87626.$	15526.$	16872.$	61588.$	231794.$	172043.$	53822.$	57058.$	67200.$	38550.$	75499.$	96715.$
1966$	79291.$	17669.$	16872.$	99210.$	307657.$	172043.$	28593.$	94182.$	67200.$	0.$	105210.$	95389.$
1967$	393605.$	17457.$	70044.$	375722.$	1678502.$	172043.$	19524.$	61996.$	67200.$	1355654.$	212353.$	1326215.$
1968$	259911.$	53527.$	16872.$	558106.$	489310.$	172043.$	41687.$	62125.$	67200.$	289589.$	121034.$	334894.$
1969$	76660.$	70462.$	46094.$	498736.$	269846.$	172043.$	18539.$	94182.$	67200.$	0.$	152211.$	95389.$
1970$	89373.$	61714.$	16872.$	502395.$	310579.$	172043.$	47221.$	79216.$	67200.$	57859.$	108357.$	135279.$
1971$	462165.$	68167.$	148768.$	684774.$	2266411.$	172043.$	11325.$	61996.$	67200.$	2033633.$	212353.$	1956735.$
1972$	65740.$	71617.$	17274.$	654325.$	254041.$	172043.$	37219.$	62703.$	67200.$	69237.$	110987.$	130504.$
1973$	333411.$	64057.$	169234.$	682947.$	836351.$	172043.$	3315.$	47030.$	67200.$	634680.$	212353.$	641791.$

1974$	169235.$	82243.$	59871.$	684774.$	306638.$	172043.$	37327.$	67882.$	67200.$	84173.$	191137.$	149211.$
1975$	150332.$	86714.$	64892.$	656084.$	306447.$	172043.$	57505.$	79216.$	67200.$	109729.$	129017.$	183519.$
1976$	281523.$	72099.$	127056.$	684774.$	759640.$	172043.$	12624.$	61996.$	67200.$	524512.$	212353.$	553252.$
1977$	235577.$	100720.$	130690.$	633728.$	388753.$	172043.$	59983.$	52625.$	67200.$	327822.$	77766.$	361615.$
1978$	164323.$	82124.$	50588.$	643968.$	184389.$	172043.$	21214.$	94182.$	67200.$	0.$	25304.$	95389.$
1979$	159602.$	81397.$	63018.$	632532.$	250277.$	172043.$	26314.$	94182.$	67200.$	0.$	46060.$	95389.$
1980$	174992.$	97182.$	49233.$	640309.$	504073.$	172043.$	34018.$	94182.$	67200.$	152358.$	146765.$	237082.$
1981$	307468.$	70143.$	138048.$	681264.$	877447.$	172043.$	23245.$	44891.$	67200.$	665935.$	206855.$	668868.$
1982$	60229.$	89715.$	17397.$	627031.$	180736.$	172043.$	65431.$	88615.$	67200.$	5567.$	67764.$	95389.$
1983$	34523.$	69966.$	118968.$	422360.$	115821.$	172043.$	15663.$	94182.$	67200.$	0.$	20665.$	95389.$
1984$	59702.$	61315.$	175852.$	170601.$	102088.$	172043.$	13422.$	94182.$	67200.$	0.$	18959.$	95389.$
1985$	159109.$	24284.$	17945.$	279901.$	476023.$	172043.$	25965.$	94182.$	67200.$	9776.$	210961.$	104481.$
1986$	153623.$	44720.$	32212.$	342982.$	94116.$	172043.$	41602.$	94182.$	67200.$	0.$	29462.$	95389.$
1987$	676877.$	71973.$	189804.$	677894.$	305473.$	172043.$	33384.$	92203.$	67200.$	93231.$	131899.$	180253.$
1988$	71622.$	96267.$	125844.$	474239.$	52356.$	172043.$	23018.$	94182.$	67200.$	0.$	20857.$	95389.$
1989$	58472.$	79965.$	102798.$	306518.$	182899.$	172043.$	25370.$	94182.$	67200.$	0.$	14960.$	95389.$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	87826.$	2987.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	184229.$
1935$	785.$	1188.$	5740.$	9485.$	129570.$	1440067.$	85799.$	94572.$	309318.$	26346.$	650.$	684.$	2104204.$
1936$	785.$	1188.$	5740.$	9485.$	29790.$	21193.$	303016.$	650.$	79205.$	142864.$	6963.$	884.$	601762.$
1937$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1938$	6747.$	1188.$	5740.$	25959.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	117826.$
1939$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1940$	785.$	1188.$	5740.$	9485.$	29790.$	93710.$	207835.$	24630.$	20019.$	11180.$	650.$	684.$	405696.$
1941$	785.$	41354.$	5740.$	138035.$	438776.$	100170.$	63610.$	650.$	161367.$	11180.$	650.$	684.$	963001.$
1942$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	379314.$	1564.$	397655.$	17606.$	650.$	684.$	859029.$
1943$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1944$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	220495.$	11180.$	650.$	684.$	295865.$
1945$	785.$	1188.$	5740.$	30360.$	29790.$	14568.$	650.$	650.$	20019.$	91090.$	650.$	684.$	196174.$
1946$	785.$	1188.$	5740.$	9485.$	37771.$	81900.$	650.$	3705.$	218166.$	472408.$	650.$	684.$	833131.$
1947$	785.$	1188.$	5740.$	9485.$	34004.$	14568.$	10286.$	4402.$	20019.$	11180.$	650.$	684.$	112991.$
1948$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1949$	785.$	1188.$	5740.$	53027.$	153717.$	41440.$	58880.$	10900.$	20019.$	11180.$	650.$	684.$	358209.$
1950$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1951$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1952$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1953$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	44924.$	27588.$	16508.$	684.$	152561.$
1954$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1955$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1956$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1957$	785.$	811.$	5740.$	9485.$	296945.$	345425.$	650.$	650.$	20019.$	45676.$	26987.$	684.$	753857.$
1958$	207273.$	260544.$	136455.$	9485.$	29790.$	14568.$	1448.$	650.$	20019.$	180261.$	164636.$	3669.$	1028798.$
1959$	9160.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	72601.$	650.$	684.$	165185.$
1960$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	20005.$	62006.$	44271.$	209157.$
1961$	30425.$	48657.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	172499.$
1962$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1963$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1964$	785.$	1188.$	5740.$	9485.$	22484.$	1113.$	31.$	650.$	20019.$	118393.$	650.$	684.$	181221.$
1965$	785.$	1188.$	5740.$	9485.$	31116.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	96715.$
1966$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1967$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	1107178.$	147249.$	707.$	8223.$	1326215.$
1968$	130816.$	17023.$	5740.$	9485.$	123428.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	334894.$
1969$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1970$	785.$	1188.$	5740.$	9485.$	29790.$	54459.$	650.$	650.$	20019.$	11180.$	650.$	684.$	135279.$
1971$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	70005.$	376296.$	554245.$	824100.$	58436.$	12097.$	1956735.$
1972$	4945.$	1188.$	5740.$	9485.$	60745.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	130504.$
1973$	785.$	1188.$	5740.$	9485.$	29790.$	44229.$	63771.$	3069.$	32017.$	406708.$	42867.$	2141.$	641791.$
1974$	785.$	1188.$	6548.$	9485.$	29790.$	14568.$	650.$	650.$	73033.$	11180.$	650.$	684.$	149211.$

1975$	785.$	1188.$	5740.$	9485.$	29790.$	63319.$	40029.$	650.$	20019.$	11180.$	650.$	684.$	183519.$
1976$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	34735.$	120946.$	239380.$	95334.$	553252.$
1977$	33856.$	12444.$	5740.$	226677.$	34497.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	361615.$
1978$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1979$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1980$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	142343.$	20019.$	11180.$	650.$	684.$	237082.$
1981$	785.$	1188.$	5740.$	9485.$	29790.$	385270.$	123261.$	650.$	20019.$	66824.$	25173.$	684.$	668868.$
1982$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1983$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1984$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1985$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	9742.$	684.$	104481.$
1986$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1987$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	85514.$	650.$	20019.$	11180.$	650.$	684.$	180253.$
1988$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$
1989$	785.$	1188.$	5740.$	9485.$	29790.$	14568.$	650.$	650.$	20019.$	11180.$	650.$	684.$	95389.$

CONDITIONAL PROBABILITY MODELING RUN3 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1935$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1936$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1937$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1938$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1939$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1940$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1941$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1942$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1943$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1944$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1945$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1946$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1947$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1948$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1949$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1950$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1951$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1952$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1953$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1954$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1955$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1956$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1957$	11584.$	5953.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1958$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	155329.$
1959$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1960$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1961$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1962$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1963$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1964$	11584.$	10624.$	12880.$	13488.$	10518.$	1053.$	3052.$	16400.$	13408.$	13024.$	11920.$	11824.$	129775.$
1965$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1966$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1967$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1968$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1969$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1970$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1971$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1972$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1973$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1974$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$

1975$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1976$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1977$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1978$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1979$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1980$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1981$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1982$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1983$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1984$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1985$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1986$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1987$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1988$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1989$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$

1 CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK :	1
IBEG :	1934
IEND :	1989
ISKIP :	0
LONGPR :	1
MODE :	1
KSIM :	32
KZONE :	0
FLIMIT :	.05
RTNFLW :	.21
ALOSS :	.93
DEMAND :	160000.
REQREL :	2000.
BEDEMM :	97200.
TOTCAP :	897127.
TOT5 :	627989.
TOT4 :	583133.
TOT3 :	448564.
TOT2 :	358851.
LCCMAX :	212353.
LCC76 :	14973.
LCCMIN :	0.
CCRMAX :	684774.
CCR155 :	3177.
CCRMIN :	3177.

DEMDIS :		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	3219.	3219.	6759.	9334.	22530.	12874.	3219.	3219.	16093.	10299.	3219.	3219.
TRIGGERS		.70	.65	.50	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.

******** INPUT REDUCTIONS ********

REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10

******** COMPUTED REDUCTION MULTIPLIERS ********

REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 1

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.02$	.01$	.07$	.06$	.86$
2	.02$	.01$	.07$	.07$	.86$
3	.02$	.01$	.07$	.07$	.86$
4	.02$	.01$	.07$	.07$	.86$
5	.02$	.01$	.07$	.07$	.86$
6	.02$	.01$	.07$	.07$	.86$
7	.02$	.01$	.07$	.07$	.86$
8	.02$	.01$	.07$	.07$	.86$
9	.02$	.01$	.07$	.07$	.86$
10	.03$	.01$	.08$	.07$	.84$
11	.03$	.01$	.10$	.10$	.79$
12	.03$	.02$	.11$	.11$	.76$
13	.04$	.02$	.14$	.16$	.69$
14	.06$	.02$	.18$	.35$	.46$
15	.07$	.03$	.24$	.51$	.26$
16	.08$	.03$	.61$	.55$	.16$
17	.10$	.03$	.76$	.41$	.10$
18	.12$	.04$	.78$	.25$	.06$
19	.14$	.04$	.79$	.18$	.02$
20	.17$	.06$	.76$	.12$	.01$
21	.21$	.10$	.68$	.07$	.01$
22	.26$	.31$	.43$	.04$	.00$
23	.44$	.25$	.31$	.02$	.00$
24	.63$	.15$	.22$	.01$	.00$
25	.72$	.12$	.16$	.01$	.00$
26	.80$	.09$	.11$	.00$	.00$
27	.86$	.06$	.08$	.00$	.00$
28	.90$	.06$	.04$	.00$	.00$
29	.93$	.05$	.02$	.00$	.00$
30	.96$	.03$	.01$	.00$	.00$
31	.98$	.01$	.01$	.00$	.00$
32	.99$	.01$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	183$	11$	94$	.272$	.016$	.140$
2$	74$	11$	98$	.110$	.016$	.146$
3$	20$	11$	108$	.030$	.016$	.161$
4$	3$	11$	123$	.004$	.016$	.183$
5$	0$	11$	134$	.000$	.016$	.199$
6$	0$	11$	152$	.000$	.016$	.226$
7$	0$	11$	162$	.000$	.016$	.241$
8$	0$	11$	185$	.000$	.016$	.275$
9$	0$	11$	185$	.000$	.016$	.275$
10$	0$	11$	188$	.000$	.016$	.280$
11$	0$	16$	187$	.000$	.024$	.278$
12$	0$	19$	187$	.000$	.028$	.278$
13$	0$	24$	186$	.000$	.036$	.277$
14$	0$	29$	185$	.000$	.043$	.275$
15$	0$	39$	184$	.000$	.058$	.274$
16$	0$	125$	176$	.000$	.186$	.262$
17$	0$	207$	172$	.000$	.308$	.256$
18$	0$	222$	171$	.000$	.330$	.254$
19$	0$	237$	169$	.000$	.353$	.251$
20$	0$	251$	169$	.000$	.374$	.251$
21$	0$	264$	165$	.000$	.393$	.246$
22$	0$	360$	157$	.000$	.536$	.234$
23$	0$	373$	157$	.000$	.555$	.234$
24$	0$	379$	154$	.000$	.564$	.229$
25$	0$	386$	152$	.000$	.574$	.226$
26$	0$	396$	152$	.000$	.589$	.226$
27$	0$	400$	153$	.000$	.595$	.228$
28$	0$	410$	154$	.000$	.610$	.229$
29$	0$	413$	154$	.000$	.615$	.229$
30$	0$	414$	156$	.000$	.616$	.232$
31$	0$	416$	159$	.000$	.619$	.237$
32$	0$	414$	164$	.000$	.616$	.244$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	3$	3$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	7$	5$	5$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	1$	3$	4$	6$	4$	2$	0$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	2$	2$	3$	3$	5$	6$	2$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	5$	4$	2$	3$	2$	2$	7$	3$	3$	3$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	1$	1$	2$	3$	4$	6$	5$	10$	10$	4$	4$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	6$	6$	6$	4$	5$	5$	6$	5$	5$	7$	7$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	0$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	3$	2$	2$	3$	1$	1$	2$	2$	2$	6$	4$	8$	5$	3$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	2$	3$	3$	4$	6$	5$	5$	6$	6$	3$	5$	4$	8$	5$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	5$	5$	5$	5$	5$	6$	5$	5$	5$	7$	4$	6$	5$	7$	6$	4$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	3$	2$	2$	2$	2$	2$	3$	3$	3$	5$	6$	5$	4$	3$	6$	8$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	1$	2$	3$	3$	3$	3$	3$	3$	3$	1$	5$	5$	5$	5$	4$	5$	4$	6$	4$	2$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
15$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	4$	6$	5$	3$	4$	4$	3$	7$	3$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$
16$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	3$	6$	5$	3$	4$	5$	1$	7$	4$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$
17$	4$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	2$	2$	2$	7$	5$	4$	4$	6$	3$	6$	5$	2$	2$	1$	1$	1$	0$	0$	0$	0$	0$
18$	1$	3$	3$	3$	3$	3$	3$	3$	3$	2$	1$	1$	2$	2$	1$	7$	5$	4$	4$	5$	5$	6$	8$	3$	1$	1$	0$	1$	1$	1$	0$	0$
19$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	1$	1$	3$	2$	0$	6$	4$	3$	3$	4$	4$	2$	6$	6$	3$	1$	0$	1$	0$	1$	1$
20$	0$	0$	0$	0$	0$	0$	0$	2$	3$	2$	1$	1$	3$	3$	1$	6$	5$	5$	4$	4$	6$	4$	4$	6$	3$	2$	2$	1$	0$	1$	0$	1$
21$	1$	1$	1$	1$	1$	1$	1$	1$	1$	0$	1$	3$	3$	0$	1$	2$	2$	1$	5$	6$	3$	4$	3$	5$	4$	2$	7$	5$	2$	1$	0$	1$

22$		2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	2$	3$	1$	2$	7$	3$	3$	4$	5$	5$	1$	4$
6$	3$	2$	0$																												
23$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	7$	4$	1$	3$	5$	5$	2$
2$	5$	2$	2$																												
24$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	1$	3$	1$	1$	7$	6$	1$	2$	5$	4$	
3$	2$	6$	4$																												
25$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	0$	1$	3$	4$	1$	1$	1$	3$	1$	0$	5$	6$	1$	2$	5$
3$	3$	1$	4$																												
26$		1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	2$	1$	0$	2$	3$	1$	1$	1$	3$	1$	0$	5$	6$	1$	2$	
5$	3$	6$	5$																												
27$		0$	1$	1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	2$	1$	1$	1$	0$	2$	3$	1$	1$	2$	3$	1$	1$	5$	6$	5$	
4$	7$	4$	4$																												
28$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	1$	1$	2$	0$	2$	3$	1$	0$	2$	3$	1$	2$	6$	4$
4$	3$	5$	7$																												
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	1$	0$	2$	0$	2$	3$	1$	0$	2$	2$	0$	1$	4$	
3$	3$	2$	2$																												
30$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	1$	3$	2$	1$	3$	1$	3$	4$	2$	1$	3$	3$	2$	2$	
5$	6$	6$	6$																												
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	1$	3$	1$	3$	5$	4$	3$	5$	5$	6$
6$	7$	7$	7$																												
32$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	3$	3$	5$	5$	6$	8$	9$	9$	10$	10$
11$	12$	14$	14$																												

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0536$	.0536$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.1250$	.0893$	.0893$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0179$	.0536$	.0714$	.1071$	.0714$	.0357$	.0000$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0357$	.0357$	.0536$	.0536$	.0893$	.1071$	.0357$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0893$	.0714$	.0357$	.0536$	.0357$	.0357$	.1250$	.0536$	.0536$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0179$	.0179$	.0357$	.0536$	.0714$	.1071$	.0893$	.1786$	.1786$	.0714$	.0714$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.1071$	.1071$	.1071$	.0714$	.0893$	.0893$	.1071$	.0893$	.0893$	.1250$	.1250$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
10$	.0536$	.0357$	.0357$	.0536$	.0179$	.0179$	.0357$	.0357$	.0357$	.1071$	.0714$	.1429$	.0893$	.0536$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0357$	.0536$	.0536$	.0714$	.1071$	.0893$	.0893$	.1071$	.1071$	.0536$	.0893$	.0714$	.1429$	.0893$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$
12$	.0893$	.0893$	.0893$	.0893$	.0893$	.1071$	.0893$	.0893$	.0893$	.1250$	.0714$	.1071$	.0893$	.1250$	.1071$	.0714$	.0357$	.0000$	.0179$	.0179$
13$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0536$	.0536$	.0536$	.0893$	.1071$	.0893$	.0714$	.0536$	.1071$	.1429$	.1250$	.0714$	.0179$	.0000$
14$	.0179$	.0357$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0179$	.0893$	.0893$	.0893$	.0714$	.0893$	.0714$	.1071$	.0714$	.0357$	.0000$
15$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0714$	.1071$	.0893$	.0536$	.0714$	.0714$	.0536$	.1250$	.0536$
16$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0536$	.1071$	.0893$	.0536$	.0714$	.0893$	.0179$	.1250$
17$	.0714$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0357$	.0357$	.1250$	.0893$	.0714$	.0714$	.1071$	.0536$	.0000$
18$	.0179$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0357$	.0179$	.0179$	.0357$	.0357$	.1250$	.0893$	.0714$	.0714$	.1071$	.0536$
19$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0179$	.0536$	.0357$	.0000$	.1071$	.0714$	.0536$	.0536$
20$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0536$	.0357$	.0179$	.0179$	.0536$	.0536$	.0179$	.1071$	.0893$	.0893$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0536$	.0536$	.0000$	.0179$	.0357$	.0357$	.0179$	.0893$	.1071$
22$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0357$	.0536$	.0179$	.0357$
23$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$	.0179$
24$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0536$
25$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0179$	.0179$	.0179$
26$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0179$	.0179$
27$	.0000$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0179$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0357$	.0000$	.0357$	.0536$
30$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0000$	.0357$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0179$	.0536$	.0179$
32$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0536$	.0536$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0714$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.1071$	.0893$	.0357$	.0357$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.0893$	.1071$	.1429$	.0536$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
19$	.0714$	.0714$	.0357$	.1071$	.1071$	.0536$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$
20$	.0714$	.0714$	.1071$	.0714$	.0714$	.1071$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$
21$	.0536$	.0714$	.0536$	.0893$	.0714$	.0357$	.1250$	.0893$	.0357$	.0179$	.0000$	.0179$
22$	.1250$	.0536$	.0536$	.0714$	.0893$	.0893$	.0179$	.0714$	.1071$	.0536$	.0357$	.0000$
23$	.0179$	.1250$	.0714$	.0179$	.0536$	.0893$	.0893$	.0357$	.0357$	.0893$	.0357$	.0357$
24$	.0179$	.0179$	.1250$	.1071$	.0179$	.0357$	.0893$	.0714$	.0536$	.0357$	.1071$	.0714$
25$	.0536$	.0179$	.0000$	.0893$	.1071$	.0179$	.0357$	.0893$	.0536$	.0536$	.0179$	.0714$
26$	.0179$	.0536$	.0179$	.0000$	.0893$	.1071$	.0179$	.0357$	.0893$	.0536$	.1071$	.0893$
27$	.0179$	.0357$	.0536$	.0179$	.0179$	.0893$	.1071$	.0893$	.0714$	.1250$	.0714$	.0714$
28$	.0179$	.0000$	.0357$	.0536$	.0179$	.0357$	.1071$	.0714$	.0714$	.0536$	.0893$	.1250$
29$	.0536$	.0179$	.0000$	.0357$	.0357$	.0000$	.0179$	.0714$	.0536$	.0536$	.0357$	.0357$
30$	.0536$	.0714$	.0357$	.0179$	.0536$	.0536$	.0357$	.0357$	.0893$	.1071$	.1071$	.1071$
31$	.0179$	.0536$	.0893$	.0714$	.0536$	.0893$	.0893$	.1071$	.1071$	.1250$	.1250$	.1250$
32$	.0893$	.0893$	.1071$	.1429$	.1607$	.1607$	.1786$	.1786$	.1964$	.2143$	.2500$	.2500$

STEADY STATE TABLE

S/E ZONE $ 20$	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
3$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
4$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$
5$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$
6$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$
7$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$
8$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$
9$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$
10$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$
11$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$
12$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$
13$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$
14$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$
15$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$
16$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$
17$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
18$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$
19$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$
20$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$
21$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$
22$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$
23$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$
24$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$
25$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$
26$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$
27$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$
28$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$
29$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$
30$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$
31$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$
32$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$

STEADY STATE TABLE

S/E ZONE	$ 21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$	32$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
3$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$	.0001$
4$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$	.0005$
5$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$	.0008$
6$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$	.0019$
7$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$	.0044$
8$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$	.0060$
9$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$	.0007$
10$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$	.0098$
11$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$	.0128$
12$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$	.0187$
13$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$
14$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$
15$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$	.0270$
16$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$	.0293$
17$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$	.0372$
18$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$	.0422$
19$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$	.0398$
20$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$	.0486$
21$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$	.0484$
22$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$	.0459$
23$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$
24$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$	.0524$
25$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$	.0441$
26$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$	.0482$
27$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$
28$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$	.0520$
29$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$	.0281$
30$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$	.0553$
31$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$	.0690$
32$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$	.1312$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.000012$	.272321$	.000003$
2$	.000063$	.110119$	.000007$
3$	.000119$	.029762$	.000004$
4$	.000483$	.004464$	.000002$
5$	.000812$	.000000$	.000000$
6$	.001891$	.000000$	.000000$
7$	.004359$	.000000$	.000000$
8$	.005990$	.000000$	.000000$
9$	.000659$	.000000$	.000000$
10$	.009785$	.000000$	.000000$
11$	.012765$	.000000$	.000000$
12$	.018650$	.000000$	.000000$
13$	.024007$	.000000$	.000000$
14$	.025273$	.000000$	.000000$
15$	.026987$	.000000$	.000000$
16$	.029348$	.000000$	.000000$
17$	.037206$	.000000$	.000000$
18$	.042168$	.000000$	.000000$
19$	.039804$	.000000$	.000000$
20$	.048638$	.000000$	.000000$
21$	.048376$	.000000$	.000000$
22$	.045934$	.000000$	.000000$
23$	.045043$	.000000$	.000000$
24$	.052363$	.000000$	.000000$
25$	.044083$	.000000$	.000000$
26$	.048231$	.000000$	.000000$
27$	.051389$	.000000$	.000000$
28$	.051976$	.000000$	.000000$
29$	.028062$	.000000$	.000000$
30$	.055286$	.000000$	.000000$
31$	.069010$	.000000$	.000000$
32$	.131227$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .00$ PER CENT
$AT ANNUAL DEMAND=$ 160000.$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1934	1	1.00	12609.	-6433.	13387.	684774.	87176.	12456.	-5775.	0.	2433.	93037.	212353.	88957.
1934	2	1.00	4803.	5396.	1406.	682181.	16187.	11424.	3080.	0.	2231.	3089.	212353.	5104.
1934	3	.98	1467.	4350.	1406.	677298.	4204.	13849.	3016.	1038.	2705.	0.	200060.	3670.
1934	4	1.00	16227.	-772.	6695.	684774.	26969.	14503.	1695.	6991.	2832.	0.	210535.	9334.
1934	5	.94	865.	10481.	1406.	673158.	4153.	15002.	6663.	21075.	2930.	0.	173353.	22530.
1934	6	.89	1183.	16862.	1406.	655479.	2162.	15570.	10134.	10574.	3041.	0.	140644.	12874.
1934	7	.89	16866.	12983.	1406.	657362.	23466.	17652.	6143.	0.	3447.	0.	141721.	3447.
1934	8	.88	1553.	15370.	1406.	641545.	29031.	17634.	8791.	0.	3444.	0.	145733.	3444.
1934	9	.85	1344.	10270.	1406.	630619.	15995.	14417.	3513.	14276.	2816.	0.	130927.	16093.
1934	10	.83	7420.	9946.	1406.	626093.	12435.	14004.	6196.	8134.	2735.	0.	116434.	10299.
1934	11	.94	23635.	-2450.	1406.	650178.	89980.	12817.	-2294.	769.	2503.	0.	196528.	3219.
1934	12	.95	6166.	-746.	1406.	655091.	11945.	12714.	1832.	791.	2483.	0.	194542.	3219.
1935	1	.93	1264.	4476.	1406.	649878.	4187.	12456.	1443.	845.	2433.	0.	185391.	3219.
1935	2	.95	9795.	0.	1406.	657673.	18047.	11424.	2149.	1062.	2231.	0.	190209.	3219.
1935	3	.95	3229.	3745.	1406.	655157.	18557.	13849.	-1457.	4359.	2705.	0.	193420.	6759.
1935	4	.97	9227.	3248.	1406.	659136.	61121.	14503.	3637.	0.	2832.	18463.	212353.	20003.
1935	5	1.00	124713.	772.	69107.	684774.	130464.	15002.	4043.	0.	2930.	171564.	212353.	162484.
1935	6	1.00	549238.	-12867.	395159.	684774.	1181981.	15570.	-1155.	0.	3041.	1559074.	212353.	1452979.
1935	7	1.00	69573.	13381.	39503.	684774.	79910.	17652.	10203.	0.	3447.	91558.	212353.	88596.
1935	8	1.00	30233.	18270.	8410.	684774.	122344.	17634.	12128.	0.	3444.	100991.	212353.	97366.
1935	9	1.00	82634.	-19300.	71659.	684774.	287015.	14417.	-8470.	0.	2816.	347103.	212353.	325622.
1935	10	1.00	12480.	6176.	4432.	684774.	52953.	14004.	4428.	0.	2735.	36356.	212353.	36546.
1935	11	.98	3349.	4367.	1406.	681756.	3268.	12817.	4141.	0.	2503.	0.	200069.	2503.
1935	12	.99	4102.	-3602.	3294.	684774.	11381.	12714.	-3007.	791.	2483.	0.	204247.	3219.
1936	1	.98	3472.	3598.	1406.	682648.	3273.	12456.	2034.	845.	2433.	0.	193590.	3219.
1936	2	.96	2342.	3843.	1406.	679147.	0.	11424.	2322.	1062.	2231.	0.	180189.	3219.
1936	3	.96	2240.	3573.	1406.	675814.	23443.	13849.	354.	4359.	2705.	0.	186475.	6759.
1936	4	.94	3434.	6350.	1406.	670898.	4210.	14503.	2602.	6991.	2832.	0.	167996.	9334.
1936	5	1.00	16544.	-6923.	6742.	684774.	105293.	15002.	-5570.	0.	2930.	37170.	212353.	37498.
1936	6	1.00	22817.	-772.	16583.	684774.	40085.	15570.	4043.	0.	3041.	33404.	212353.	34106.
1936	7	1.00	139880.	6176.	93994.	684774.	253210.	17652.	4428.	0.	3447.	325125.	212353.	305813.
1936	8	.97	2539.	13285.	1406.	672028.	3925.	17634.	5957.	0.	3444.	0.	194092.	3444.
1936	9	1.00	25384.	4614.	5641.	684774.	130406.	14417.	-1925.	0.	2816.	91018.	212353.	87462.
1936	10	1.00	51271.	6176.	31702.	684774.	151548.	14004.	5005.	0.	2735.	161644.	212353.	153064.
1936	11	1.00	7547.	3603.	2773.	684774.	20875.	12817.	4043.	0.	2503.	6788.	212353.	8816.
1936	12	1.00	5108.	2831.	1601.	684774.	13130.	12714.	1729.	0.	2483.	288.	212353.	2751.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1937	1	.99	3734.	2572.	1406.	683936.	6686.	12456.	1334.	536.	2433.	0.	206120.	2931.
1937	2	.98	2762.	4362.	1406.	680336.	2524.	11424.	2599.	1062.	2231.	0.	194965.	3219.
1937	3	.95	3279.	4345.	1406.	677270.	1962.	13849.	2849.	4359.	2705.	0.	177276.	6759.
1937	4	.91	1792.	9641.	1406.	667421.	8.	14503.	6130.	6991.	2832.	0.	151066.	9334.
1937	5	.86	1215.	7041.	1406.	659595.	1488.	15002.	4915.	21075.	2930.	0.	112967.	22530.
1937	6	.84	8179.	11988.	1406.	653787.	12459.	15570.	5219.	10574.	3041.	0.	95470.	12874.
1937	7	.80	725.	12855.	1406.	639656.	1064.	17652.	5554.	0.	3447.	0.	74734.	3447.
1937	8	.77	70.	14842.	1406.	622884.	14593.	17634.	5448.	0.	3444.	0.	67651.	3444.
1937	9	.72	1317.	14595.	1406.	607607.	3016.	14417.	4566.	14276.	2816.	0.	38814.	16093.
1937	10	.68	1130.	11330.	13.	597389.	758.	14004.	2406.	8134.	2735.	0.	15040.	10299.
1937	11	.65	337.	6942.	13986.	570889.	0.	12817.	934.	567.	2692.	0.	14708.	3219.
1937	12	.80	42015.	-15751.	1406.	626656.	83477.	12714.	-4705.	590.	2670.	0.	90992.	3219.
1938	1	.98	48364.	3219.	1406.	669801.	140974.	12456.	2423.	0.	2433.	5296.	212353.	7358.
1938	2	.97	1687.	3284.	1406.	666204.	4416.	11424.	1900.	0.	2231.	0.	204851.	2231.
1938	3	.94	2043.	6534.	1406.	659712.	620.	13849.	4369.	4359.	2705.	0.	184299.	6759.
1938	4	1.00	27871.	2788.	1406.	682796.	82600.	14503.	3080.	0.	2832.	31378.	212353.	32014.
1938	5	1.00	9357.	6934.	1406.	683219.	38619.	15002.	3273.	0.	2930.	12788.	212353.	14823.
1938	6	.95	622.	15015.	1406.	666826.	0.	15570.	8616.	3652.	3041.	0.	185921.	6437.
1938	7	.89	430.	18978.	1406.	646278.	0.	17652.	13067.	0.	3447.	0.	156608.	3447.
1938	8	.90	0.	12753.	1406.	631526.	46564.	17634.	7202.	0.	3444.	0.	179742.	3444.
1938	9	.85	194.	12081.	1406.	617639.	2376.	14417.	6618.	14276.	2816.	0.	148212.	16093.
1938	10	.81	0.	12615.	1406.	603024.	0.	14004.	7324.	8134.	2735.	0.	120156.	10299.
1938	11	.78	121.	8221.	1406.	592924.	990.	12817.	3611.	769.	2503.	0.	105355.	3219.
1938	12	.78	4458.	0.	1406.	595382.	7955.	12714.	-1083.	791.	2483.	0.	102294.	3219.
1939	1	.76	1354.	1871.	1406.	592864.	0.	12456.	1303.	845.	2433.	0.	89096.	3219.
1939	2	.74	560.	3727.	1406.	587697.	0.	11424.	2270.	1062.	2231.	0.	75747.	3219.
1939	3	.71	438.	7167.	1406.	578968.	0.	13849.	2834.	4359.	2705.	0.	56110.	6759.
1939	4	.67	0.	10511.	1406.	566457.	0.	14503.	3023.	6991.	2832.	0.	32999.	9334.
1939	5	.75	9108.	7713.	1406.	565852.	112167.	15002.	3786.	20838.	3150.	0.	106946.	22530.
1939	6	.78	6915.	5667.	1406.	565101.	54993.	15570.	3009.	10574.	3041.	0.	134192.	12874.
1939	7	.80	24844.	13664.	1406.	574280.	31150.	17652.	9035.	0.	3447.	0.	140062.	3447.
1939	8	.78	6245.	8904.	1406.	569621.	13545.	17634.	7346.	0.	3444.	0.	130032.	3444.
1939	9	.79	15530.	7085.	1406.	576067.	31365.	14417.	3561.	14276.	2816.	0.	130548.	16093.
1939	10	.79	10489.	9399.	1406.	575157.	26396.	14004.	6202.	8134.	2735.	0.	130011.	10299.
1939	11	.76	755.	4568.	1406.	569344.	0.	12817.	3315.	769.	2503.	0.	114516.	3219.
1939	12	.74	511.	3405.	1406.	564450.	0.	12714.	1911.	791.	2483.	0.	100506.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1940	1	.72	735.	2936.	1406.	560248.	0.	12456.	1422.	845.	2433.	0.	87189.	3219.
1940	2	.70	1819.	2700.	1406.	557367.	24.	11424.	1649.	1062.	2231.	0.	74484.	3219.
1940	3	.69	595.	4924.	1406.	551038.	16816.	13849.	2157.	4359.	2705.	0.	72340.	6759.
1940	4	.81	28596.	4741.	1406.	572893.	101394.	14503.	3863.	6761.	3046.	0.	150012.	9334.
1940	5	.86	14953.	3446.	1406.	582399.	77491.	15002.	3888.	21075.	2930.	0.	188944.	22530.
1940	6	.96	67988.	-2156.	1406.	650543.	197347.	15570.	-963.	0.	3041.	150163.	212353.	142692.
1940	7	1.00	48402.	12372.	1406.	684574.	246918.	17652.	7893.	0.	3447.	222779.	212353.	210632.
1940	8	1.00	18758.	13124.	3820.	684774.	51639.	17634.	9626.	0.	3444.	28199.	212353.	29669.
1940	9	.97	632.	15547.	1406.	667859.	15999.	14417.	9163.	5624.	2816.	0.	200553.	8046.
1940	10	.96	3712.	5797.	1406.	663774.	16213.	14004.	2208.	8134.	2735.	0.	193827.	10299.
1940	11	.98	9671.	2774.	1406.	668671.	28780.	12817.	1491.	769.	2503.	0.	208935.	3219.
1940	12	1.00	13033.	-1272.	1406.	680977.	27372.	12714.	-578.	0.	2483.	12433.	212353.	14046.
1941	1	1.00	12759.	1287.	5395.	684774.	7077.	12456.	1534.	0.	2433.	0.	210836.	2433.
1941	2	1.00	42641.	-772.	30519.	684774.	50648.	11424.	-1733.	0.	2231.	68897.	212353.	66306.
1941	3	1.00	10490.	257.	7194.	684774.	10128.	13849.	-193.	0.	2705.	2939.	212353.	5438.
1941	4	1.00	84973.	-5147.	63354.	684774.	106142.	14503.	-4043.	0.	2832.	155205.	212353.	147173.
1941	5	1.00	138576.	-1287.	98323.	684774.	414688.	15002.	-4428.	0.	2930.	493475.	212353.	461861.
1941	6	1.00	20955.	2831.	12741.	684774.	124998.	15570.	193.	0.	3041.	118325.	212353.	113083.
1941	7	1.00	6123.	6937.	1406.	681960.	89720.	17652.	5775.	0.	3447.	67699.	212353.	66407.
1941	8	.97	4517.	13510.	1406.	670967.	8278.	17634.	8734.	0.	3444.	0.	195668.	3444.
1941	9	1.00	111498.	1029.	67953.	684774.	160639.	14417.	3850.	0.	2816.	179364.	212353.	169624.
1941	10	1.00	10138.	4889.	3690.	684774.	21300.	14004.	2695.	0.	2735.	5694.	212353.	8031.
1941	11	.98	2006.	5899.	1406.	678881.	1318.	12817.	4130.	0.	2503.	0.	198130.	2503.
1941	12	.96	1576.	4588.	1406.	673869.	27.	12714.	1810.	791.	2483.	0.	184249.	3219.
1942	1	.93	1126.	5319.	1406.	667676.	0.	12456.	3115.	845.	2433.	0.	169239.	3219.
1942	2	.92	1403.	252.	1406.	666826.	960.	11424.	-671.	1062.	2231.	0.	159790.	3219.
1942	3	.89	884.	8287.	1406.	657424.	0.	13849.	4744.	4359.	2705.	0.	138244.	6759.
1942	4	.87	5209.	3498.	1406.	657134.	8594.	14503.	2536.	6991.	2832.	0.	124214.	9334.
1942	5	.85	10165.	4755.	1406.	660544.	16997.	15002.	3072.	21075.	2930.	0.	103468.	22530.
1942	6	.81	417.	11209.	1406.	647752.	6330.	15570.	4585.	10574.	3041.	0.	80475.	12874.
1942	7	1.00	176276.	-3345.	100247.	684774.	468366.	17652.	-6545.	0.	3447.	425629.	212353.	399282.
1942	8	1.00	10632.	5147.	3856.	684774.	17450.	17634.	2689.	0.	3444.	983.	212353.	4358.
1942	9	1.00	104488.	-1287.	74360.	684774.	388926.	14417.	1155.	0.	2816.	434494.	212353.	406895.
1942	10	1.00	28353.	5919.	15771.	684774.	31445.	14004.	3658.	0.	2735.	26958.	212353.	27806.
1942	11	.98	1946.	8706.	1406.	676014.	5453.	12817.	5825.	0.	2503.	0.	200570.	2503.
1942	12	.95	1280.	6849.	1406.	668445.	592.	12714.	4703.	791.	2483.	0.	184361.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1943	1	.93	1459.	2775.	1406.	665129.	938.	12456.	699.	845.	2433.	0.	172705.	3219.
1943	2	.91	1172.	6775.	1406.	657526.	16.	11424.	3838.	1062.	2231.	0.	157804.	3219.
1943	3	.88	1770.	5732.	1406.	651564.	1688.	13849.	3010.	4359.	2705.	0.	139679.	6759.
1943	4	.84	945.	9145.	1406.	641365.	0.	14503.	5261.	6991.	2832.	0.	114330.	9334.
1943	5	.80	3573.	5154.	1406.	637784.	3225.	15002.	1837.	21075.	2930.	0.	81047.	22530.
1943	6	.89	30515.	6441.	1406.	659858.	88193.	15570.	4129.	10574.	3041.	0.	140373.	12874.
1943	7	.90	27087.	11603.	1406.	673341.	19459.	17652.	6244.	0.	3447.	0.	137343.	3447.
1943	8	.85	0.	18849.	1406.	652493.	0.	17634.	10169.	0.	3444.	0.	110945.	3444.
1943	9	.85	2130.	3476.	1406.	649147.	33410.	14417.	1119.	14276.	2816.	0.	115948.	16093.
1943	10	.82	443.	12793.	1406.	634797.	8233.	14004.	6465.	8134.	2735.	0.	96984.	10299.
1943	11	.80	2333.	2683.	1406.	632447.	3745.	12817.	900.	769.	2503.	0.	87648.	3219.
1943	12	.79	510.	2674.	1406.	628283.	2149.	12714.	121.	791.	2483.	0.	77577.	3219.
1944	1	.78	990.	-1456.	1406.	628729.	7001.	12456.	-336.	845.	2433.	0.	73019.	3219.
1944	2	.76	440.	3147.	1406.	624022.	0.	11424.	1200.	1062.	2231.	0.	60739.	3219.
1944	3	.76	3183.	725.	1406.	624480.	12904.	13849.	449.	4359.	2705.	0.	56392.	6759.
1944	4	.72	866.	9609.	1406.	613737.	0.	14503.	2562.	6991.	2832.	0.	33742.	9334.
1944	5	.84	71463.	-1239.	1406.	684439.	69153.	15002.	-567.	21075.	2930.	0.	68790.	22530.
1944	6	.99	13089.	10805.	1406.	684723.	169816.	15570.	6378.	10574.	3041.	0.	207490.	12874.
1944	7	.94	1564.	19086.	1406.	665201.	1607.	17652.	12392.	0.	3447.	0.	180459.	3447.
1944	8	.94	8715.	8556.	1406.	663360.	22563.	17634.	4033.	0.	3444.	0.	182760.	3444.
1944	9	.98	19295.	10846.	1406.	669808.	336315.	14417.	5005.	0.	2816.	274430.	212353.	258035.
1944	10	.96	9430.	11365.	1406.	665873.	6750.	14004.	8002.	2596.	2735.	0.	195906.	5150.
1944	11	.94	483.	2013.	1406.	662343.	2318.	12817.	1265.	769.	2503.	0.	184779.	3219.
1944	12	.93	1592.	753.	1406.	661182.	1766.	12714.	350.	791.	2483.	0.	174096.	3219.
1945	1	.92	5035.	4512.	1406.	659705.	2032.	12456.	2863.	845.	2433.	0.	161370.	3219.
1945	2	.92	9141.	2260.	1406.	664586.	9109.	11424.	1481.	1062.	2231.	0.	157919.	3219.
1945	3	.91	2032.	3769.	1406.	660849.	18645.	13849.	2448.	4359.	2705.	0.	157313.	6759.
1945	4	1.00	26463.	3548.	1406.	681764.	117552.	14503.	1132.	0.	2832.	41292.	212353.	41234.
1945	5	.98	340.	11707.	1406.	668396.	38546.	15002.	7700.	675.	2930.	8287.	212353.	11265.
1945	6	.99	16638.	6850.	1406.	676184.	36009.	15570.	5775.	0.	3041.	12418.	212353.	14589.
1945	7	.95	1845.	12652.	1406.	663377.	1799.	17652.	8297.	0.	3447.	0.	189610.	3447.
1945	8	.91	0.	14462.	1406.	646915.	0.	17634.	6909.	0.	3444.	0.	166472.	3444.
1945	9	.85	948.	13011.	1406.	632852.	0.	14417.	8320.	14276.	2816.	0.	130864.	16093.
1945	10	.98	44421.	4473.	1406.	670800.	224000.	14004.	3273.	0.	2735.	118507.	212353.	112946.
1945	11	.95	307.	8317.	1406.	660789.	0.	12817.	6148.	0.	2503.	0.	194794.	2503.
1945	12	.93	322.	4999.	1406.	654113.	0.	12714.	2859.	791.	2483.	0.	179837.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.92	560.	249.	1406.	652424.	1610.	12456.	-346.	845.	2433.	0.	169898.	3219.
1946	2	.90	298.	2233.	1406.	648488.	0.	11424.	835.	1062.	2231.	0.	157983.	3219.
1946	3	.88	2074.	6664.	1406.	641898.	8898.	13849.	4155.	4359.	2705.	0.	145923.	6759.
1946	4	.89	15960.	4450.	1406.	651408.	26930.	14503.	2688.	6991.	2832.	0.	150077.	9334.
1946	5	.98	18011.	-1504.	1406.	668923.	149199.	15002.	379.	0.	2930.	51873.	212353.	51171.
1946	6	.99	14147.	7097.	1406.	673973.	119961.	15570.	3465.	0.	3041.	98680.	212353.	94813.
1946	7	.94	0.	17614.	1406.	654359.	1314.	17652.	10615.	0.	3447.	0.	186807.	3447.
1946	8	1.00	43717.	8613.	3296.	684774.	51900.	17634.	6859.	0.	3444.	5156.	212353.	8239.
1946	9	1.00	106530.	2316.	73262.	684774.	197402.	14417.	-385.	0.	2816.	247900.	212353.	233363.
1946	10	1.00	118574.	-515.	83719.	684774.	446756.	14004.	-2118.	0.	2735.	515992.	212353.	482608.
1946	11	.98	2060.	6410.	1406.	678424.	5146.	12817.	3965.	0.	2503.	0.	202123.	2503.
1946	12	.96	1108.	4076.	1406.	673456.	987.	12714.	2742.	791.	2483.	0.	188269.	3219.
1947	1	.95	1450.	-1271.	1406.	674176.	5394.	12456.	-535.	845.	2433.	0.	182304.	3219.
1947	2	.93	476.	5572.	1406.	667081.	0.	11424.	3612.	1062.	2231.	0.	167612.	3219.
1947	3	.90	1384.	5786.	1406.	660679.	2610.	13849.	3435.	4359.	2705.	0.	149984.	6759.
1947	4	.89	598.	4001.	1406.	655276.	16828.	14503.	1582.	6991.	2832.	0.	145142.	9334.
1947	5	.98	10242.	0.	1406.	663518.	149170.	15002.	-563.	0.	2930.	47851.	212353.	47431.
1947	6	.98	13468.	11817.	1406.	663169.	28981.	15570.	7844.	331.	3041.	3321.	212353.	6437.
1947	7	.96	6218.	17974.	1406.	649413.	46450.	17652.	12128.	0.	3447.	18076.	212353.	20258.
1947	8	.95	1442.	10109.	1406.	638746.	25071.	17634.	4808.	0.	3444.	4035.	212353.	7196.
1947	9	.89	0.	15792.	1406.	620955.	0.	14417.	10847.	9938.	2816.	0.	178557.	12058.
1947	10	.85	0.	10521.	1406.	608433.	0.	14004.	6637.	8134.	2735.	0.	151188.	10299.
1947	11	.83	789.	5680.	1406.	601542.	5143.	12817.	1578.	769.	2503.	0.	142572.	3219.
1947	12	.81	105.	1883.	1406.	597765.	0.	12714.	762.	791.	2483.	0.	129712.	3219.
1948	1	.79	0.	3979.	1406.	591785.	0.	12456.	2170.	845.	2433.	0.	115647.	3219.
1948	2	.77	135.	0.	1406.	589920.	0.	11424.	277.	1062.	2231.	0.	104291.	3219.
1948	3	.74	0.	5103.	1406.	582817.	0.	13849.	2202.	4359.	2705.	0.	85286.	6759.
1948	4	.71	0.	6898.	1406.	573919.	0.	14503.	2703.	6991.	2832.	0.	62495.	9334.
1948	5	.66	0.	8870.	1406.	563049.	0.	15002.	2447.	21075.	2930.	0.	25376.	22530.
1948	6	.61	1169.	11760.	16735.	528653.	0.	15570.	1632.	10327.	3270.	0.	14582.	12874.
1948	7	.68	26585.	11631.	1406.	541607.	73915.	15886.	3262.	0.	3336.	0.	70754.	3336.
1948	8	.65	0.	14893.	1406.	524714.	5896.	17634.	6020.	0.	3703.	0.	54401.	3703.
1948	9	.62	0.	7345.	1406.	515368.	8132.	12975.	1309.	5722.	2725.	0.	43932.	8046.
1948	10	.64	14220.	5609.	1406.	521979.	22665.	12604.	1931.	2691.	2647.	0.	50777.	5150.
1948	11	.62	0.	5821.	1406.	514158.	4379.	12176.	1908.	0.	2557.	0.	42478.	2557.
1948	12	.60	0.	4493.	1406.	507665.	233.	12078.	1364.	0.	2536.	0.	30674.	2536.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1949	1	.59	0.	852.	1406.	504813.	133.	11833.	199.	0.	2485.	0.	20182.	2485.
1949	2	.58	6427.	213.	2359.	507672.	3285.	10852.	0.	0.	2279.	0.	14973.	2279.
1949	3	.73	23421.	4518.	1406.	524575.	131112.	12465.	1737.	819.	2618.	0.	132470.	3379.
1949	4	.91	76290.	-5207.	1406.	604071.	159940.	14503.	-4937.	0.	2832.	64906.	212353.	63195.
1949	5	.91	14887.	8531.	1406.	608427.	216641.	15002.	7123.	0.	2930.	186960.	212353.	176802.
1949	6	.96	47734.	5580.	1406.	648581.	78380.	15570.	5390.	0.	3041.	55174.	212353.	54353.
1949	7	.96	14473.	9427.	1406.	651627.	85019.	17652.	6160.	0.	3447.	62613.	212353.	61678.
1949	8	.95	5632.	13841.	1406.	641418.	36875.	17634.	9626.	0.	3444.	11021.	212353.	13694.
1949	9	.91	0.	13416.	1406.	626001.	3989.	14417.	8834.	5624.	2816.	0.	188873.	8046.
1949	10	.92	17238.	1462.	1406.	639777.	20834.	14004.	1436.	8134.	2735.	0.	187539.	10299.
1949	11	.91	1798.	6360.	1406.	633215.	10173.	12817.	5806.	769.	2503.	0.	179725.	3219.
1949	12	.92	10912.	-490.	1406.	642617.	11345.	12714.	525.	791.	2483.	0.	178446.	3219.
1950	1	.89	49.	5151.	1406.	635515.	1710.	12456.	2392.	845.	2433.	0.	165869.	3219.
1950	2	.87	0.	3412.	1406.	630103.	685.	11424.	2463.	1062.	2231.	0.	153012.	3219.
1950	3	.84	0.	8219.	1406.	619884.	917.	13849.	4950.	4359.	2705.	0.	132177.	6759.
1950	4	.81	171.	5747.	1406.	612308.	3477.	14503.	3882.	6991.	2832.	0.	111684.	9334.
1950	5	.82	11295.	4782.	1406.	616821.	41642.	15002.	3619.	21075.	2930.	0.	115035.	22530.
1950	6	.90	9116.	6473.	1406.	617464.	105877.	15570.	5439.	10574.	3041.	0.	190736.	12874.
1950	7	.87	45.	12613.	1406.	602896.	10350.	17652.	8069.	0.	3447.	0.	176772.	3447.
1950	8	.82	0.	15207.	1406.	585689.	0.	17634.	10503.	0.	3444.	0.	150040.	3444.
1950	9	.78	0.	11275.	1406.	572414.	8312.	14417.	7687.	14276.	2816.	0.	123377.	16093.
1950	10	.75	0.	11788.	1406.	558626.	15724.	14004.	6885.	8134.	2735.	0.	111484.	10299.
1950	11	.72	0.	8942.	1406.	547684.	0.	12817.	5059.	769.	2503.	0.	94245.	3219.
1950	12	.69	0.	7081.	1406.	538603.	0.	12714.	3826.	791.	2483.	0.	78320.	3219.
1951	1	.66	0.	5704.	1406.	530899.	0.	12456.	2413.	648.	2616.	0.	64209.	3219.
1951	2	.65	0.	2398.	1406.	526501.	229.	11424.	1331.	881.	2399.	0.	52208.	3219.
1951	3	.62	0.	4552.	1406.	519949.	793.	12465.	1314.	819.	2618.	0.	39809.	3379.
1951	4	.60	0.	7951.	1406.	509998.	1008.	13053.	2044.	2071.	2741.	0.	25055.	4667.
1951	5	.68	60288.	3300.	1406.	564986.	41567.	13502.	1604.	9064.	2835.	0.	43858.	11265.
1951	6	.80	35876.	6441.	1406.	592422.	110767.	15570.	3427.	10327.	3270.	0.	126707.	12874.
1951	7	.75	0.	16870.	1406.	573551.	0.	17652.	9510.	0.	3447.	0.	100951.	3447.
1951	8	.70	0.	18989.	1406.	552562.	0.	17634.	10056.	0.	3444.	0.	74667.	3444.
1951	9	.91	50417.	-1148.	1406.	602128.	168500.	14417.	472.	10766.	3028.	3282.	212353.	16093.
1951	10	.89	6225.	8006.	1406.	598347.	13728.	14004.	6770.	4604.	2735.	0.	202109.	7017.
1951	11	.87	393.	4450.	1406.	592290.	1571.	12817.	2562.	769.	2503.	0.	188937.	3219.
1951	12	.84	0.	5812.	1406.	584478.	306.	12714.	4026.	791.	2483.	0.	173118.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.82	0.	5992.	1406.	576486.	922.	12456.	4008.	845.	2433.	0.	158136.	3219.
1952	2	.81	6769.	2527.	1406.	578728.	6813.	11424.	2426.	1062.	2231.	0.	151444.	3219.
1952	3	.78	1633.	5960.	1406.	572401.	0.	13849.	4461.	4359.	2705.	0.	130179.	6759.
1952	4	.77	6853.	4797.	1406.	572457.	9761.	14503.	1747.	6991.	2832.	0.	118106.	9334.
1952	5	.76	13278.	5500.	1406.	578235.	21222.	15002.	5046.	21075.	2930.	0.	99611.	22530.
1952	6	.79	4251.	10300.	1406.	570186.	73717.	15570.	6691.	10574.	3041.	0.	141899.	12874.
1952	7	.77	0.	11983.	1406.	556203.	10726.	17652.	5146.	0.	3447.	0.	131233.	3447.
1952	8	.71	0.	18639.	1406.	535564.	198.	17634.	11155.	0.	3444.	0.	104048.	3444.
1952	9	.70	0.	5032.	1406.	528532.	17513.	14417.	-2139.	14276.	2816.	0.	96412.	16093.
1952	10	.65	0.	11686.	1406.	514846.	0.	14004.	6013.	7912.	2941.	0.	69889.	10299.
1952	11	.64	0.	1287.	1406.	511559.	979.	12817.	485.	567.	2692.	0.	58405.	3219.
1952	12	.62	0.	2137.	1406.	507422.	1484.	12078.	991.	0.	2536.	0.	48226.	2536.
1953	1	.60	0.	5944.	1406.	499478.	2080.	11833.	1872.	0.	2485.	0.	38007.	2485.
1953	2	.58	0.	2530.	1406.	494948.	968.	10852.	588.	0.	2279.	0.	28940.	2279.
1953	3	.56	0.	6074.	1406.	486874.	1254.	12465.	1205.	819.	2618.	0.	17112.	3379.
1953	4	.55	446.	5610.	1000.	480288.	12888.	13053.	905.	2071.	2741.	0.	14971.	4667.
1953	5	.63	31122.	5243.	1406.	504167.	68114.	13502.	2004.	9064.	2835.	0.	59921.	11265.
1953	6	.59	0.	14320.	1406.	487846.	0.	14013.	4725.	3757.	2943.	0.	38832.	6437.
1953	7	.55	5.	15712.	1406.	470139.	48.	15886.	3443.	0.	3336.	0.	20956.	3336.
1953	8	.57	12604.	6157.	1406.	474586.	33348.	15871.	56.	0.	3333.	0.	39783.	3333.
1953	9	.96	180066.	5862.	1406.	646790.	268221.	12975.	6093.	0.	2725.	72267.	212353.	69933.
1953	10	.99	30721.	-1758.	1406.	677268.	47881.	14004.	-5005.	0.	2735.	37692.	212353.	37788.
1953	11	.98	1255.	7365.	1406.	669158.	33853.	12817.	5390.	0.	2503.	17052.	212353.	18361.
1953	12	.96	67.	5292.	1406.	661934.	219.	12714.	3195.	0.	2483.	0.	198069.	2483.
1954	1	.94	14.	4754.	1406.	655194.	1499.	12456.	3072.	845.	2433.	0.	184601.	3219.
1954	2	.91	0.	7939.	1406.	645254.	1373.	11424.	5182.	1062.	2231.	0.	169713.	3219.
1954	3	.87	0.	9326.	1406.	633929.	1263.	13849.	5710.	4359.	2705.	0.	148463.	6759.
1954	4	.85	6098.	5121.	1406.	632906.	5848.	14503.	2769.	6991.	2832.	0.	131454.	9334.
1954	5	.81	6606.	8271.	1406.	629241.	3015.	15002.	4585.	21075.	2930.	0.	95213.	22530.
1954	6	.84	19590.	10479.	1406.	636352.	48472.	15570.	4038.	10574.	3041.	0.	114910.	12874.
1954	7	.93	932.	16241.	1406.	619043.	138607.	17652.	10744.	0.	3447.	14174.	212353.	16630.
1954	8	.87	0.	18064.	1406.	598979.	1101.	17634.	12026.	0.	3444.	0.	185200.	3444.
1954	9	.82	0.	13987.	1406.	582991.	3468.	14417.	7728.	14276.	2816.	0.	153652.	16093.
1954	10	.80	1103.	8964.	1406.	573130.	10715.	14004.	3462.	8134.	2735.	0.	140173.	10299.
1954	11	.78	477.	5692.	1406.	565914.	11152.	12817.	3508.	769.	2503.	0.	135636.	3219.
1954	12	.75	0.	7894.	1406.	556021.	271.	12714.	4832.	791.	2483.	0.	118976.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.73	0.	3577.	1406.	550443.	526.	12456.	2361.	845.	2433.	0.	105247.	3219.
1955	2	.72	1446.	2671.	1406.	547219.	6468.	11424.	2134.	1062.	2231.	0.	98501.	3219.
1955	3	.68	0.	8619.	1406.	536600.	791.	13849.	4996.	4359.	2705.	0.	77493.	6759.
1955	4	.64	0.	10482.	1406.	524118.	102.	14503.	4325.	6761.	3046.	0.	53411.	9334.
1955	5	.65	28501.	8541.	1406.	542078.	15534.	13502.	3742.	9064.	2835.	0.	44044.	11265.
1955	6	.62	2412.	16441.	1406.	526048.	15543.	15570.	4622.	10327.	3270.	0.	30473.	12874.
1955	7	.58	97.	18511.	480.	506952.	3804.	15886.	3707.	0.	3336.	0.	15164.	3336.
1955	8	.55	3584.	14706.	10728.	480570.	6838.	15871.	2322.	0.	3333.	0.	14537.	3333.
1955	9	.55	1509.	9884.	1406.	470195.	25937.	12975.	123.	5722.	2725.	0.	23059.	8046.
1955	10	.56	2320.	12406.	1406.	458109.	38360.	12604.	2896.	2691.	2647.	0.	44635.	5150.
1955	11	.54	0.	7635.	1406.	448474.	1284.	12176.	2364.	0.	2557.	0.	32784.	2557.
1955	12	.52	0.	5568.	1406.	440906.	980.	12078.	1381.	0.	2536.	0.	21711.	2536.
1956	1	.50	0.	3926.	4933.	429964.	968.	11833.	873.	0.	2485.	0.	14906.	2485.
1956	2	.47	0.	4991.	11110.	409169.	481.	10852.	864.	0.	2279.	0.	14780.	2279.
1956	3	.44	0.	7234.	13714.	382427.	655.	12465.	1231.	819.	2618.	0.	14635.	3379.
1956	4	.42	0.	6791.	11331.	359519.	4634.	13053.	656.	2071.	2741.	0.	14820.	4667.
1956	5	.41	3515.	6620.	4803.	349582.	18578.	13502.	726.	9064.	2835.	0.	14909.	11265.
1956	6	.37	907.	10573.	16114.	316995.	2948.	14013.	1794.	3757.	2943.	0.	14406.	6437.
1956	7	.34	2952.	12900.	10027.	292784.	6926.	14121.	2721.	0.	2965.	0.	14517.	2965.
1956	8	.34	17679.	13185.	5459.	289512.	11600.	14108.	2665.	0.	2963.	0.	14803.	2963.
1956	9	.36	16880.	9174.	1406.	295219.	27107.	11534.	2384.	0.	2422.	0.	29398.	2422.
1956	10	.39	11668.	5806.	1406.	299080.	36895.	11203.	2035.	0.	2353.	0.	54460.	2353.
1956	11	.37	0.	5318.	1406.	291762.	1378.	11535.	2574.	0.	2422.	0.	43134.	2422.
1956	12	.37	0.	3091.	1406.	286671.	11256.	11443.	980.	0.	2403.	0.	43374.	2403.
1957	1	.35	0.	4279.	1406.	280392.	553.	11210.	1833.	0.	2354.	0.	32290.	2354.
1957	2	.34	0.	2269.	1406.	276124.	1891.	10281.	844.	0.	2159.	0.	24461.	2159.
1957	3	.35	4752.	2561.	1406.	276315.	24663.	11080.	1232.	0.	2327.	0.	38219.	2327.
1957	4	.55	77221.	-486.	1406.	352022.	110808.	11603.	-2562.	0.	2437.	0.	141393.	2437.
1957	5	.78	141326.	-193.	1406.	491541.	478579.	13502.	-2310.	0.	2835.	388769.	212353.	364391.
1957	6	.89	101364.	7699.	1406.	583206.	402936.	15570.	3080.	0.	3041.	382040.	212353.	358338.
1957	7	.83	35.	18288.	1406.	562953.	2993.	17652.	13988.	0.	3447.	0.	185113.	3447.
1957	8	.78	0.	17218.	1406.	543736.	354.	17634.	12238.	0.	3444.	0.	157000.	3444.
1957	9	.87	32902.	6280.	1406.	568358.	106256.	14417.	4546.	0.	2816.	19070.	212353.	20551.
1957	10	.92	54599.	4902.	1406.	616055.	78496.	14004.	6160.	0.	2735.	57141.	212353.	55876.
1957	11	.93	8838.	-1684.	1406.	624576.	38190.	12817.	-1540.	0.	2503.	28319.	212353.	28840.
1957	12	.91	2601.	4341.	1406.	620837.	2676.	12714.	3952.	0.	2483.	0.	199769.	2483.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	1.00	100716.	-4059.	28709.	684774.	239830.	12456.	-6160.	0.	2433.	248814.	212353.	233830.
1958	2	1.00	111709.	-4117.	81426.	684774.	283699.	11424.	-6353.	0.	2231.	360054.	212353.	337081.
1958	3	1.00	23248.	4375.	13268.	684774.	166446.	13849.	2503.	0.	2705.	162636.	212353.	153957.
1958	4	.97	3004.	5135.	1406.	680643.	1525.	14503.	4847.	1972.	2832.	0.	193961.	4667.
1958	5	.98	14420.	2831.	5244.	684774.	31400.	15002.	3264.	21075.	2930.	0.	191264.	22530.
1958	6	.98	50387.	11580.	27281.	684774.	5901.	15570.	7712.	10574.	3041.	0.	190591.	12874.
1958	7	.99	15530.	18984.	1406.	679320.	102371.	17652.	14246.	0.	3447.	50118.	212353.	50057.
1958	8	.94	20.	19211.	1406.	658129.	0.	17634.	13756.	0.	3444.	0.	182368.	3444.
1958	9	.99	53205.	-3603.	21204.	684774.	25250.	14417.	-7600.	14276.	2816.	0.	207729.	16093.
1958	10	1.00	43294.	-5147.	34054.	684774.	217084.	14004.	-5968.	0.	2735.	230344.	212353.	216955.
1958	11	1.00	41388.	4632.	25840.	684774.	167157.	12817.	3850.	0.	2503.	176329.	212353.	166489.
1958	12	1.00	8202.	2831.	3776.	684774.	13568.	12714.	1348.	0.	2483.	3283.	212353.	5536.
1959	1	.99	2750.	5901.	1406.	679623.	23618.	12456.	3273.	0.	2433.	9295.	212353.	11077.
1959	2	.99	1409.	-1792.	1406.	680824.	3436.	11424.	-3078.	0.	2231.	0.	208850.	2231.
1959	3	.96	590.	8914.	1406.	670500.	6481.	13849.	5734.	4359.	2705.	0.	192794.	6759.
1959	4	.93	415.	5300.	1406.	663615.	0.	14503.	3677.	6991.	2832.	0.	169029.	9334.
1959	5	.88	1411.	5766.	1406.	657261.	4796.	15002.	4471.	21075.	2930.	0.	134683.	22530.
1959	6	.88	23818.	7300.	1406.	671779.	7775.	15570.	4058.	10574.	3041.	0.	113662.	12874.
1959	7	.90	22218.	16012.	1406.	675985.	45138.	17652.	9440.	0.	3447.	0.	133115.	3447.
1959	8	.87	374.	14398.	1406.	659961.	9454.	17634.	5406.	0.	3444.	0.	120934.	3444.
1959	9	.82	1472.	12694.	1406.	646739.	2280.	14417.	6433.	14276.	2816.	0.	89493.	16093.
1959	10	1.00	69467.	4343.	19044.	684774.	231751.	14004.	2057.	0.	2735.	103741.	212353.	99214.
1959	11	1.00	5459.	5398.	1406.	682835.	15880.	12817.	5345.	0.	2503.	0.	211477.	2503.
1959	12	.98	615.	4861.	1406.	676589.	6660.	12714.	3586.	791.	2483.	0.	202452.	3219.
1960	1	.97	712.	3306.	1406.	671995.	6637.	12456.	1666.	845.	2433.	0.	195529.	3219.
1960	2	.96	933.	3290.	1406.	667638.	6094.	11424.	1272.	1062.	2231.	0.	189271.	3219.
1960	3	.93	556.	4029.	1406.	662165.	4774.	13849.	2114.	4359.	2705.	0.	175128.	6759.
1960	4	.90	3919.	6514.	1406.	657570.	0.	14503.	4140.	6991.	2832.	0.	150900.	9334.
1960	5	.85	697.	8952.	1406.	647315.	0.	15002.	4315.	21075.	2930.	0.	111914.	22530.
1960	6	.85	8139.	8893.	1406.	644562.	36056.	15570.	4756.	10574.	3041.	0.	118476.	12874.
1960	7	.84	2007.	9817.	1406.	634751.	21907.	17652.	8260.	0.	3447.	0.	115878.	3447.
1960	8	.88	23250.	5662.	1406.	650340.	46113.	17634.	2961.	0.	3444.	0.	142802.	3444.
1960	9	.86	1645.	13061.	1406.	636923.	22454.	14417.	5616.	14276.	2816.	0.	132353.	16093.
1960	10	.98	26393.	-3476.	1406.	664792.	140197.	14004.	-6485.	0.	2735.	45949.	212353.	45468.
1960	11	.99	17115.	2281.	1406.	677626.	78733.	12817.	1348.	0.	2503.	65974.	212353.	63859.
1960	12	1.00	6656.	-2306.	1406.	684589.	52666.	12714.	-5583.	0.	2483.	46941.	212353.	46138.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN4 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1961	1	1.00	4864.	772.	2746.	684774.	42256.	12456.	385.	0.	2433.	32161.	212353.	32343.
1961	2	1.00	16221.	257.	11222.	684774.	51823.	11424.	-578.	0.	2231.	52199.	212353.	50776.
1961	3	.98	2221.	6155.	1406.	678840.	9629.	13849.	4914.	725.	2705.	0.	203899.	3379.
1961	4	.98	13295.	3594.	2648.	684774.	8815.	14503.	3489.	6991.	2832.	0.	190379.	9334.
1961	5	.91	0.	12759.	1406.	670015.	0.	15002.	8540.	21075.	2930.	0.	147168.	22530.
1961	6	1.00	76005.	6176.	38714.	684774.	55645.	15570.	3317.	10574.	3041.	0.	212067.	12874.
1961	7	.99	4774.	11014.	1406.	676534.	22418.	17652.	7971.	0.	3447.	0.	210268.	3447.
1961	8	.98	1034.	12903.	1406.	662665.	32464.	17634.	9161.	0.	3444.	4990.	212353.	8085.
1961	9	.93	0.	11727.	1406.	648938.	3812.	14417.	5728.	8911.	2816.	0.	188515.	11103.
1961	10	.91	897.	7401.	1406.	640434.	13017.	14004.	7826.	8134.	2735.	0.	172975.	10299.
1961	11	.89	514.	736.	1406.	638212.	4065.	12817.	1521.	769.	2503.	0.	163338.	3219.
1961	12	.87	400.	2934.	1406.	633678.	20.	12714.	2597.	791.	2483.	0.	148662.	3219.
1962	1	.85	889.	3893.	1406.	628674.	0.	12456.	2935.	845.	2433.	0.	133832.	3219.
1962	2	.82	517.	6524.	1406.	620667.	0.	11424.	4233.	1062.	2231.	0.	118519.	3219.
1962	3	.79	242.	7424.	1406.	611485.	0.	13849.	4220.	4359.	2705.	0.	97496.	6759.
1962	4	.76	273.	5223.	1406.	604535.	0.	14503.	1629.	6991.	2832.	0.	75779.	9334.
1962	5	.70	814.	12213.	1406.	591136.	0.	15002.	3980.	21075.	2930.	0.	37128.	22530.
1962	6	.71	6471.	4430.	1406.	591177.	34565.	15570.	1086.	10574.	3041.	0.	45869.	12874.
1962	7	.66	0.	19816.	1406.	569362.	0.	17652.	5060.	0.	3447.	0.	24563.	3447.
1962	8	.61	0.	17437.	10564.	536897.	0.	17634.	2939.	0.	3703.	0.	14554.	3703.
1962	9	.61	0.	7003.	1406.	527894.	20186.	12975.	1023.	5722.	2725.	0.	16426.	8046.
1962	10	.57	0.	10708.	15222.	495534.	0.	12604.	1920.	2691.	2647.	0.	14433.	5150.
1962	11	.54	0.	3949.	13482.	472406.	0.	12176.	1056.	0.	2557.	0.	14683.	2557.
1962	12	.52	0.	-203.	11845.	455760.	680.	12078.	209.	0.	2536.	0.	14920.	2536.
1963	1	.50	0.	3588.	10443.	437317.	1908.	11833.	591.	0.	2485.	0.	14847.	2485.
1963	2	.49	639.	977.	6831.	427262.	4568.	10852.	487.	0.	2279.	0.	14906.	2279.
1963	3	.47	0.	6108.	12192.	403812.	1966.	12465.	1066.	819.	2618.	0.	14714.	3379.
1963	4	.43	0.	5878.	16320.	374719.	0.	13053.	1394.	2071.	2741.	0.	14515.	4667.
1963	5	.41	3745.	6545.	12614.	353976.	11579.	13502.	1552.	9064.	2835.	0.	14590.	11265.
1963	6	.51	17037.	7006.	1406.	362007.	98346.	14013.	5014.	3757.	2943.	0.	91558.	6437.
1963	7	.47	2159.	10837.	1406.	351329.	0.	15886.	7597.	0.	3336.	0.	69480.	3336.
1963	8	.43	0.	14346.	1406.	334983.	0.	15871.	6705.	0.	3333.	0.	48311.	3333.
1963	9	.39	584.	7680.	1406.	325887.	0.	12975.	2898.	5722.	2725.	0.	28121.	8046.
1963	10	.37	591.	6749.	258.	319362.	0.	11203.	2134.	0.	2353.	0.	15042.	2353.
1963	11	.38	2435.	1634.	1406.	318163.	22743.	11535.	997.	0.	2422.	0.	26659.	2422.
1963	12	.38	2012.	1142.	1406.	317033.	3787.	11443.	471.	0.	2403.	0.	19938.	2403.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*							
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.36	0.	1452.	6619.	306166.	0.	11210.	425.	0.	2354.	0.	14922.	2354.
1964	2	.34	0.	1101.	10415.	290250.	0.	10281.	105.	0.	2159.	0.	14950.	2159.
1964	3	.32	965.	2287.	10321.	274248.	1304.	11080.	660.	0.	2327.	0.	14835.	2327.
1964	4	.30	0.	4953.	12663.	251281.	0.	11603.	1232.	0.	2437.	0.	14663.	2437.
1964	5	.28	145.	2347.	9993.	234864.	2318.	12002.	0.	0.	2520.	0.	14973.	2520.
1964	6	.25	2673.	7452.	11717.	213418.	2220.	12456.	1894.	0.	2616.	0.	14559.	2616.
1964	7	.22	105.	8011.	13674.	186062.	1749.	14121.	1225.	0.	2965.	0.	14636.	2965.
1964	8	.23	3302.	6800.	1406.	180564.	23105.	14108.	3268.	0.	2963.	0.	21771.	2963.
1964	9	.40	681.	4525.	1406.	174720.	170057.	11534.	1332.	0.	2422.	0.	180369.	2422.
1964	10	.43	7568.	5158.	1406.	175130.	226270.	11203.	3465.	0.	2353.	181023.	212353.	170704.
1964	11	.42	8739.	4169.	1406.	177700.	4570.	11535.	7118.	0.	2422.	0.	199675.	2422.
1964	12	.40	0.	1463.	1406.	174238.	0.	11443.	1642.	0.	2403.	0.	187997.	2403.
1965	1	.39	508.	891.	1406.	171854.	0.	11210.	2288.	0.	2354.	0.	175905.	2354.
1965	2	.39	4438.	-1900.	1406.	176193.	0.	10281.	-2935.	0.	2159.	0.	169965.	2159.
1965	3	.41	0.	2013.	1406.	172180.	39687.	11080.	2476.	0.	2327.	0.	197502.	2327.
1965	4	.40	6634.	2564.	1406.	174250.	0.	11603.	5377.	0.	2437.	0.	181928.	2437.
1965	5	.51	68285.	-2370.	1406.	242904.	131459.	12002.	-2695.	0.	2520.	93133.	212353.	89134.
1965	6	.50	2048.	5478.	1406.	237474.	44496.	14013.	9626.	0.	2943.	21967.	212353.	23372.
1965	7	.47	0.	9359.	1406.	226115.	8478.	15886.	13952.	0.	3336.	0.	192399.	3336.
1965	8	.43	0.	8161.	1406.	215954.	0.	15871.	11870.	0.	3333.	0.	166064.	3333.
1965	9	.39	0.	6174.	1406.	207780.	0.	12975.	8908.	5722.	2725.	0.	139864.	8046.
1965	10	.37	1400.	2230.	1406.	204951.	0.	11203.	3302.	0.	2353.	0.	126765.	2353.
1965	11	.35	111.	1839.	1406.	201222.	1794.	11535.	3298.	0.	2422.	0.	115131.	2422.
1965	12	.35	4202.	-857.	1406.	204282.	5880.	11443.	-140.	0.	2403.	0.	111115.	2403.
1966	1	.34	0.	-1969.	1406.	204251.	0.	11210.	-546.	0.	2354.	0.	101857.	2354.
1966	2	.33	2307.	492.	1406.	204066.	0.	10281.	263.	0.	2159.	0.	92719.	2159.
1966	3	.31	16.	857.	1406.	201225.	0.	11080.	2005.	0.	2327.	0.	81040.	2327.
1966	4	.35	16583.	1369.	1406.	214439.	27683.	11603.	-2057.	0.	2437.	0.	100583.	2437.
1966	5	.49	18314.	-260.	1406.	231013.	206958.	12002.	-4506.	0.	2520.	89098.	212353.	85382.
1966	6	.50	9218.	3087.	1406.	235145.	34719.	14013.	193.	0.	2943.	21623.	212353.	23052.
1966	7	.47	694.	6011.	1406.	227827.	0.	15886.	7212.	0.	3336.	0.	190660.	3336.
1966	8	.45	10761.	7416.	1406.	229172.	5490.	15871.	3539.	0.	3333.	0.	178146.	3333.
1966	9	.48	20929.	3527.	1406.	244574.	31194.	12975.	4399.	5722.	2725.	0.	187650.	8046.
1966	10	.45	469.	5355.	1406.	237687.	1424.	12604.	8255.	2691.	2647.	0.	166930.	5150.
1966	11	.43	0.	1893.	1406.	233794.	189.	12176.	6661.	0.	2557.	0.	149687.	2557.
1966	12	.41	0.	3203.	1406.	228591.	0.	12078.	3872.	0.	2536.	0.	135143.	2536.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1967	1	.39	0.	1975.	1406.	224615.	11.	11833.	892.	0.	2485.	0.	123835.	2485.
1967	2	.37	146.	782.	1406.	221979.	726.	10281.	2561.	0.	2159.	0.	113125.	2159.
1967	3	.36	0.	1164.	1406.	218815.	2978.	11080.	4215.	0.	2327.	0.	102214.	2327.
1967	4	.34	626.	2176.	1406.	215265.	5725.	11603.	4950.	0.	2437.	0.	92793.	2437.
1967	5	.34	4246.	1784.	1406.	215728.	14105.	12002.	2826.	0.	2520.	0.	93476.	2520.
1967	6	.31	0.	7787.	1406.	205941.	0.	12456.	7778.	0.	2616.	0.	74648.	2616.
1967	7	.28	11.	9361.	1406.	194592.	0.	14121.	6664.	0.	2965.	0.	55269.	2965.
1967	8	.31	8928.	6100.	1406.	195420.	41103.	14108.	415.	0.	2963.	0.	83256.	2963.
1967	9	.83	339587.	2999.	1406.	530007.	1392125.	11534.	-5005.	0.	2422.	1257905.	212353.	1172274.
1967	10	.85	24578.	2867.	1406.	549718.	182132.	14004.	578.	0.	2735.	166360.	212353.	157450.
1967	11	.86	13260.	2238.	1406.	558740.	15874.	12817.	4402.	0.	2503.	61.	212353.	2560.
1967	12	.86	2223.	1349.	1406.	557614.	23723.	12714.	4235.	0.	2483.	7455.	212353.	9416.
1968	1	.96	95143.	1418.	1406.	649339.	150581.	12456.	-578.	0.	2433.	140109.	212353.	132734.
1968	2	.97	9962.	-1494.	1406.	658796.	28779.	11424.	578.	0.	2231.	18184.	212353.	19142.
1968	3	.97	8635.	502.	1406.	664929.	10619.	13849.	3609.	725.	2705.	0.	206194.	3379.
1968	4	.96	6405.	1261.	1406.	668072.	10090.	14503.	3145.	6991.	2832.	0.	193051.	9334.
1968	5	1.00	110820.	1801.	64899.	684774.	203818.	15002.	385.	0.	2930.	212952.	212353.	200976.
1968	6	.99	7493.	10010.	1406.	680257.	26124.	15570.	2118.	0.	3041.	6191.	212353.	8798.
1968	7	1.00	17116.	11544.	1406.	683829.	18890.	17652.	4956.	0.	3447.	0.	210042.	3447.
1968	8	.95	391.	12495.	1406.	669725.	4642.	17634.	12008.	0.	3444.	0.	186447.	3444.
1968	9	.93	3276.	1518.	1406.	669483.	14343.	14417.	6372.	14276.	2816.	0.	167131.	16093.
1968	10	.91	128.	6550.	1406.	661061.	11916.	14004.	665.	8134.	2735.	0.	157650.	10299.
1968	11	.88	0.	8484.	1406.	650577.	3199.	12817.	6018.	769.	2503.	0.	142650.	3219.
1968	12	.87	542.	4948.	1406.	644172.	6309.	12714.	3359.	791.	2483.	0.	133502.	3219.
1969	1	.85	77.	2460.	1406.	639789.	2235.	12456.	2501.	845.	2433.	0.	121341.	3219.
1969	2	.87	3657.	246.	1406.	641200.	18255.	11424.	-6600.	1062.	2231.	0.	135116.	3219.
1969	3	.84	171.	6364.	1406.	633006.	703.	13849.	1906.	4359.	2705.	0.	117111.	6759.
1969	4	.82	868.	1947.	1406.	629928.	10353.	14503.	2762.	6991.	2832.	0.	104614.	9334.
1969	5	.81	2122.	-729.	1406.	630779.	25774.	15002.	1849.	21075.	2930.	0.	93868.	22530.
1969	6	.77	142.	8707.	1406.	620214.	7705.	15570.	7150.	10574.	3041.	0.	69686.	12874.
1969	7	.73	0.	16435.	1406.	601779.	6979.	17652.	5136.	0.	3447.	0.	55283.	3447.
1969	8	.69	1233.	15199.	1406.	585813.	243.	17634.	2111.	0.	3444.	0.	37187.	3444.
1969	9	.66	916.	5087.	316.	581192.	8103.	14417.	2122.	14048.	3028.	0.	15018.	16093.
1969	10	.77	51775.	9664.	1406.	621303.	78055.	14004.	2915.	7912.	2941.	0.	69648.	10299.
1969	11	.84	12341.	7236.	1406.	624408.	71630.	12817.	0.	769.	2503.	0.	129098.	3219.
1969	12	.86	3358.	5544.	1406.	620222.	39811.	12714.	2324.	791.	2483.	0.	154485.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1970	1	.86	1710.	2402.	1406.	617530.	9766.	12456.	-324.	845.	2433.	0.	152680.	3219.
1970	2	.84	811.	3588.	1406.	612753.	5172.	11424.	2220.	1062.	2231.	0.	144553.	3219.
1970	3	.85	6292.	4771.	1406.	612273.	24066.	13849.	2678.	4359.	2705.	0.	149138.	6759.
1970	4	.82	486.	5939.	1406.	604820.	3688.	14503.	4278.	6991.	2832.	0.	128459.	9334.
1970	5	.88	36107.	7679.	1406.	631248.	64168.	15002.	-1098.	21075.	2930.	0.	159055.	22530.
1970	6	.96	29094.	13477.	1406.	644866.	157117.	15570.	1925.	0.	3041.	77156.	212353.	74796.
1970	7	.92	1107.	12985.	1406.	630988.	5205.	17652.	10672.	0.	3447.	0.	190640.	3447.
1970	8	.89	1899.	9921.	1406.	620966.	12541.	17634.	8264.	0.	3444.	0.	178689.	3444.
1970	9	.88	7595.	-11903.	1406.	638464.	185.	14417.	3321.	14276.	2816.	0.	148265.	16093.
1970	10	.87	3504.	7332.	1406.	632636.	22639.	14004.	6553.	8134.	2735.	0.	143618.	10299.
1970	11	.84	396.	7276.	1406.	623756.	1254.	12817.	5572.	769.	2503.	0.	127120.	3219.
1970	12	.82	372.	6490.	1406.	615638.	4778.	12714.	3734.	791.	2483.	0.	116065.	3219.
1971	1	.79	349.	6673.	1406.	607314.	1278.	12456.	4097.	845.	2433.	0.	101351.	3219.
1971	2	.77	33.	5435.	1406.	599912.	511.	11424.	2972.	1062.	2231.	0.	87811.	3219.
1971	3	.73	0.	10521.	1406.	587391.	20.	13849.	4975.	4359.	2705.	0.	66053.	6759.
1971	4	.71	0.	7163.	1406.	578228.	10911.	14503.	2621.	6991.	2832.	0.	54255.	9334.
1971	5	.65	0.	8912.	1406.	567316.	54.	15002.	2531.	21075.	2930.	0.	17107.	22530.
1971	6	.60	3185.	7557.	24787.	527685.	0.	15570.	1431.	10327.	3270.	0.	14565.	12874.
1971	7	.81	5500.	15581.	1406.	515604.	300281.	15886.	11665.	0.	3336.	76348.	212353.	74340.
1971	8	1.00	290383.	4749.	81874.	684774.	415914.	17634.	-4235.	0.	3444.	484389.	212353.	453926.
1971	9	1.00	23578.	-515.	16937.	684774.	608695.	14417.	-20406.	0.	2816.	625997.	212353.	584993.
1971	10	1.00	116320.	1287.	80868.	684774.	830575.	14004.	-578.	0.	2735.	895420.	212353.	835476.
1971	11	1.00	15576.	6948.	6066.	684774.	75047.	12817.	6160.	0.	2503.	62135.	212353.	60289.
1971	12	1.00	7241.	2573.	3281.	684774.	23125.	12714.	1348.	0.	2483.	12345.	212353.	13964.
1972	1	1.00	4631.	2059.	1808.	684774.	16951.	12456.	1540.	0.	2433.	4763.	212353.	6863.
1972	2	.99	3483.	3342.	1406.	682915.	8422.	11424.	2670.	0.	2231.	0.	208088.	2231.
1972	3	.97	1924.	7670.	1406.	675169.	6502.	13849.	5358.	4359.	2705.	0.	192428.	6759.
1972	4	.93	1135.	8357.	1406.	665947.	0.	14503.	2806.	6991.	2832.	0.	169535.	9334.
1972	5	1.00	20067.	2033.	1406.	681981.	152097.	15002.	-4428.	0.	2930.	79035.	212353.	76433.
1972	6	.98	2096.	7154.	1406.	674923.	11320.	15570.	3963.	3652.	3041.	0.	201894.	6437.
1972	7	.95	386.	8604.	1406.	664705.	4209.	17652.	5965.	0.	3447.	0.	183892.	3447.
1972	8	.93	3247.	9777.	1406.	656175.	19160.	17634.	7842.	0.	3444.	0.	178982.	3444.
1972	9	.95	23639.	7041.	1406.	670774.	30552.	14417.	4169.	14276.	2816.	0.	178077.	16093.
1972	10	.92	2430.	8326.	1406.	662878.	4828.	14004.	2368.	8134.	2735.	0.	159805.	10299.
1972	11	.90	1137.	2759.	1406.	659255.	0.	12817.	3044.	769.	2503.	0.	144580.	3219.
1972	12	.87	1565.	4496.	1406.	654325.	0.	12714.	3194.	791.	2483.	0.	129287.	3219.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN4 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1973	1	.86	2164.	1494.	1406.	652995.	0.	12456.	1304.	845.	2433.	0.	116088.	3219.
1973	2	.85	3352.	-498.	1406.	654845.	0.	11424.	277.	1062.	2231.	0.	104732.	3219.
1973	3	.82	2467.	5718.	1406.	649594.	4138.	13849.	3258.	4359.	2705.	0.	88809.	6759.
1973	4	.82	8327.	2236.	1406.	653685.	16349.	14503.	2230.	6991.	2832.	0.	82840.	9334.
1973	5	.77	1626.	10154.	1406.	643157.	4294.	15002.	3408.	21075.	2930.	0.	49055.	22530.
1973	6	.98	29452.	2246.	1406.	668364.	248540.	15570.	-21935.	0.	3041.	82439.	212353.	79709.
1973	7	1.00	106563.	10808.	55779.	684774.	38985.	17652.	9240.	0.	3447.	67872.	212353.	66568.
1973	8	1.00	22079.	9264.	9009.	684774.	13921.	17634.	2695.	0.	3444.	2601.	212353.	5863.
1973	9	1.00	45440.	3088.	29774.	684774.	36310.	14417.	-2888.	0.	2816.	43074.	212353.	42875.
1973	10	1.00	87828.	3088.	59572.	684774.	394483.	14004.	-7893.	0.	2735.	445348.	212353.	416908.
1973	11	1.00	15714.	8235.	5258.	684774.	59692.	12817.	6738.	0.	2503.	45395.	212353.	44721.
1973	12	1.00	8399.	8226.	1406.	682947.	19639.	12714.	6691.	0.	2483.	1640.	212353.	4008.
1974	1	1.00	7266.	2058.	2377.	684774.	7505.	12456.	-192.	0.	2433.	0.	209971.	2433.
1974	2	.97	5165.	7956.	1406.	679983.	0.	11424.	5928.	1062.	2231.	0.	192963.	3219.
1974	3	1.00	14442.	3344.	4434.	684774.	37816.	13849.	-2469.	0.	2705.	7120.	212353.	9327.
1974	4	.97	3030.	8966.	1406.	676838.	3992.	14503.	7792.	1972.	2832.	0.	193484.	4667.
1974	5	.95	10227.	7145.	1406.	677920.	17679.	15002.	4571.	21075.	2930.	0.	171921.	22530.
1974	6	.91	3596.	12434.	1406.	667082.	2196.	15570.	3113.	10574.	3041.	0.	146267.	12874.
1974	7	.86	722.	15018.	1406.	650785.	1080.	17652.	9661.	0.	3447.	0.	121440.	3447.
1974	8	.96	31134.	6278.	1406.	673641.	83900.	17634.	2421.	0.	3444.	0.	186691.	3444.
1974	9	1.00	71154.	7463.	36949.	684774.	121077.	14417.	-1540.	0.	2816.	105210.	212353.	100661.
1974	10	.99	8348.	5404.	2070.	684774.	7271.	14004.	4889.	2596.	2735.	0.	200204.	5150.
1974	11	.99	7564.	2831.	3328.	684774.	17467.	12817.	2613.	769.	2503.	0.	204799.	3219.
1974	12	.98	6587.	3345.	2279.	684774.	6655.	12714.	2049.	791.	2483.	0.	198178.	3219.
1975	1	.98	6410.	4117.	1612.	684774.	5940.	12456.	2189.	845.	2433.	0.	190240.	3219.
1975	2	.98	21313.	4117.	12089.	684774.	5572.	11424.	3787.	1062.	2231.	0.	191628.	3219.
1975	3	.95	5529.	7702.	1406.	680601.	4898.	13849.	5619.	4359.	2705.	0.	174104.	6759.
1975	4	.93	5538.	7156.	1406.	676983.	5280.	14503.	6120.	6991.	2832.	0.	153176.	9334.
1975	5	1.00	55024.	4375.	30129.	684774.	74587.	15002.	4431.	16044.	2930.	5032.	212353.	22530.
1975	6	1.00	21938.	7977.	9814.	684774.	108813.	15570.	6545.	0.	3041.	91349.	212353.	87995.
1975	7	1.00	9641.	10022.	1406.	682393.	65134.	17652.	6545.	0.	3447.	42343.	212353.	42826.
1975	8	.98	4389.	11235.	1406.	673546.	13244.	17634.	3042.	0.	3444.	0.	206326.	3444.
1975	9	.95	8953.	8377.	1406.	672122.	8359.	14417.	4550.	14276.	2816.	0.	182847.	16093.
1975	10	.92	4208.	8848.	1406.	665482.	3222.	14004.	6923.	8134.	2735.	0.	158414.	10299.
1975	11	.90	3788.	8288.	1406.	658982.	11398.	12817.	5955.	769.	2503.	0.	151677.	3219.
1975	12	.88	3601.	4499.	1406.	656084.	0.	12714.	2810.	791.	2483.	0.	136768.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.87	3760.	5729.	1406.	652115.	4060.	12456.	3718.	845.	2433.	0.	125214.	3219.
1976	2	.84	2127.	7676.	1406.	644566.	0.	11424.	4517.	1062.	2231.	0.	109618.	3219.
1976	3	.81	1834.	6637.	1406.	637763.	0.	13849.	3815.	4359.	2705.	0.	89000.	6759.
1976	4	.82	20234.	1976.	1406.	654021.	13739.	14503.	-3175.	6991.	2832.	0.	85826.	9334.
1976	5	.88	59994.	4355.	17495.	684774.	33205.	15002.	129.	21075.	2930.	0.	100320.	22530.
1976	6	.83	6324.	14075.	1406.	675023.	1091.	15570.	4075.	10574.	3041.	0.	72598.	12874.
1976	7	.97	65453.	4375.	36083.	684774.	89824.	17652.	-5562.	0.	3447.	0.	186415.	3447.
1976	8	1.00	17934.	14925.	2115.	684774.	55173.	17634.	11011.	0.	3444.	2705.	212353.	5960.
1976	9	1.00	9256.	7462.	1406.	684568.	96730.	14417.	5390.	0.	2816.	66961.	212353.	65089.
1976	10	1.00	40525.	3345.	25993.	684774.	124642.	14004.	-4043.	0.	2735.	138077.	212353.	131146.
1976	11	1.00	32483.	772.	22293.	684774.	243951.	12817.	-3273.	0.	2503.	256699.	212353.	241234.
1976	12	1.00	21599.	772.	14641.	684774.	97225.	12714.	-2695.	0.	2483.	101848.	212353.	97201.
1977	1	1.00	16730.	-772.	12304.	684774.	35617.	12456.	-385.	0.	2433.	35850.	212353.	35773.
1977	2	1.00	13571.	4375.	6465.	684774.	20144.	11424.	1925.	0.	2231.	13260.	212353.	14563.
1977	3	1.00	11776.	6691.	3575.	684774.	14179.	13849.	5147.	725.	2705.	0.	210385.	3379.
1977	4	1.00	111433.	515.	77976.	684774.	198831.	14503.	3080.	0.	2832.	250264.	212353.	235578.
1977	5	1.00	33294.	5147.	19788.	684774.	66408.	15002.	3465.	0.	2930.	58766.	212353.	57582.
1977	6	1.00	12575.	9521.	2147.	684774.	27814.	15570.	7089.	2.	3041.	3650.	212353.	6437.
1977	7	.96	5795.	17617.	1406.	670952.	5700.	17652.	12102.	0.	3447.	0.	189705.	3447.
1977	8	.91	2698.	19326.	1406.	652324.	1209.	17634.	12586.	0.	3444.	0.	162099.	3444.
1977	9	.86	3541.	14572.	1406.	639293.	527.	14417.	6390.	14276.	2816.	0.	128948.	16093.
1977	10	.83	8591.	10285.	1406.	635599.	3676.	14004.	2708.	8134.	2735.	0.	109184.	10299.
1977	11	.83	9593.	6359.	1406.	636833.	11486.	12817.	3531.	769.	2503.	0.	104958.	3219.
1977	12	.81	5980.	7085.	1406.	633728.	3162.	12714.	3933.	791.	2483.	0.	92089.	3219.
1978	1	.80	5806.	2197.	1406.	635337.	3460.	12456.	379.	845.	2433.	0.	83275.	3219.
1978	2	.79	4363.	2443.	1406.	635256.	2605.	11424.	809.	1062.	2231.	0.	73992.	3219.
1978	3	.76	3175.	9245.	1406.	627186.	2511.	13849.	3740.	4359.	2705.	0.	55961.	6759.
1978	4	.73	2327.	7723.	1406.	619790.	2825.	14503.	1971.	6991.	2832.	0.	36726.	9334.
1978	5	.68	2174.	10452.	10088.	597161.	6305.	15002.	2302.	21075.	2930.	0.	14740.	22530.
1978	6	.78	61248.	8439.	1406.	647971.	60626.	15570.	1748.	10327.	3270.	0.	49127.	12874.
1978	7	.74	1979.	15471.	1406.	632478.	5918.	17652.	5039.	0.	3447.	0.	33761.	3447.
1978	8	.81	53621.	9955.	1406.	674144.	42129.	17634.	3853.	0.	3444.	0.	55808.	3444.
1978	9	.86	22565.	3594.	5864.	684774.	49909.	14417.	104.	14276.	2816.	0.	82784.	16093.
1978	10	.82	1915.	7941.	1406.	676748.	704.	14004.	2217.	8134.	2735.	0.	60539.	10299.
1978	11	.81	2640.	3056.	1406.	674332.	5503.	12817.	1637.	769.	2503.	0.	52224.	3219.
1978	12	.79	2510.	3554.	1406.	671288.	1894.	12714.	1034.	791.	2483.	0.	40985.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1979	1	.79	5066.	254.	1406.	674101.	7516.	12456.	-661.	845.	2433.	0.	37268.	3219.
1979	2	.78	3035.	2033.	1406.	673103.	2342.	11424.	117.	1062.	2231.	0.	28413.	3219.
1979	3	.76	11232.	5580.	5357.	671135.	32.	13849.	673.	4359.	2705.	0.	14920.	6759.
1979	4	.81	31868.	1544.	11730.	684774.	40147.	14503.	55.	6991.	2832.	0.	45248.	9334.
1979	5	.80	10600.	6433.	2929.	684774.	20246.	15002.	710.	21075.	2930.	0.	31636.	22530.
1979	6	1.00	79525.	7720.	50479.	684774.	162327.	15570.	6441.	10574.	3041.	0.	211857.	12874.
1979	7	.98	9577.	10022.	1406.	682329.	5125.	17652.	2258.	0.	3447.	0.	198479.	3447.
1979	8	.94	2451.	13753.	1406.	669027.	4652.	17634.	8531.	0.	3444.	0.	178371.	3444.
1979	9	.91	1561.	9310.	1406.	659278.	1445.	14417.	-336.	14276.	2816.	0.	152865.	16093.
1979	10	.86	962.	14163.	1406.	644077.	2473.	14004.	8217.	8134.	2735.	0.	126389.	10299.
1979	11	.83	1113.	7610.	1406.	635580.	0.	12817.	5083.	769.	2503.	0.	109126.	3219.
1979	12	.82	2612.	3660.	1406.	632532.	3972.	12714.	2286.	791.	2483.	0.	98713.	3219.
1980	1	.81	3083.	1461.	1406.	632154.	0.	12456.	-3403.	845.	2433.	0.	90221.	3219.
1980	2	.79	1479.	3645.	1406.	627988.	0.	11424.	1223.	1062.	2231.	0.	77918.	3219.
1980	3	.75	538.	7722.	1406.	618803.	0.	13849.	3106.	4359.	2705.	0.	58010.	6759.
1980	4	.71	246.	10973.	1406.	606076.	0.	14503.	3388.	6991.	2832.	0.	34534.	9334.
1980	5	.91	96850.	3975.	9967.	684774.	129578.	15002.	2456.	21075.	2930.	0.	135545.	22530.
1980	6	.89	8591.	18910.	1406.	672455.	30987.	15570.	11513.	10574.	3041.	0.	130282.	12874.
1980	7	.84	9.	20323.	1406.	650141.	3035.	17652.	12372.	0.	3447.	0.	104700.	3447.
1980	8	.99	36246.	8295.	1406.	676092.	314054.	17634.	-385.	0.	3444.	190557.	212353.	180662.
1980	9	1.00	17144.	8441.	1406.	682795.	20357.	14417.	-963.	2940.	2816.	2684.	212353.	8046.
1980	10	.97	9251.	10253.	1406.	679794.	371.	14004.	8441.	5248.	2735.	0.	186437.	7615.
1980	11	.95	820.	2553.	1406.	676060.	735.	12817.	1402.	769.	2503.	0.	173590.	3219.
1980	12	.93	735.	3557.	1406.	671238.	4956.	12714.	3205.	791.	2483.	0.	163242.	3219.
1981	1	.92	1607.	1519.	1406.	669326.	1363.	12456.	-822.	845.	2433.	0.	153533.	3219.
1981	2	.90	822.	2777.	1406.	665371.	1081.	11424.	318.	1062.	2231.	0.	143216.	3219.
1981	3	.88	1980.	3521.	1406.	661830.	2304.	13849.	1365.	4359.	2705.	0.	127352.	6759.
1981	4	.87	20377.	4046.	1406.	676162.	2124.	14503.	3386.	6991.	2832.	0.	106003.	9334.
1981	5	1.00	45909.	3603.	23687.	684774.	169403.	15002.	-2871.	0.	2930.	53533.	212353.	52716.
1981	6	1.00	130166.	4117.	88612.	684774.	350103.	15570.	-5390.	0.	3041.	424884.	212353.	398183.
1981	7	1.00	29639.	11837.	12515.	684774.	139864.	17652.	2888.	0.	3447.	131839.	212353.	126058.
1981	8	.99	5895.	10511.	1406.	678158.	16755.	17634.	4002.	0.	3444.	0.	208878.	3444.
1981	9	.98	5402.	11693.	1406.	669867.	67608.	14417.	10203.	0.	2816.	26642.	212353.	27593.
1981	10	1.00	52596.	4375.	23420.	684774.	73254.	14004.	193.	0.	2735.	79881.	212353.	77024.
1981	11	1.00	7109.	6941.	1406.	682942.	43940.	12817.	6160.	0.	2503.	26368.	212353.	27026.
1981	12	.99	5966.	5644.	1406.	681264.	9648.	12714.	3802.	0.	2483.	0.	206891.	2483.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1982	1	.98	6079.	5889.	1406.	679454.	8731.	12456.	5027.	845.	2433.	0.	198700.	3219.
1982	2	.98	5391.	512.	1406.	682333.	9721.	11424.	-185.	1062.	2231.	0.	197527.	3219.
1982	3	.97	5040.	5382.	1406.	679991.	9631.	13849.	3799.	4359.	2705.	0.	186557.	6759.
1982	4	.94	4327.	3581.	1406.	678737.	4747.	14503.	2605.	6991.	2832.	0.	168611.	9334.
1982	5	1.00	13401.	4618.	1931.	684774.	95645.	15002.	-558.	2761.	2930.	18315.	212353.	22530.
1982	6	.98	4917.	11523.	1406.	676168.	14920.	15570.	10611.	3652.	3041.	0.	198846.	6437.
1982	7	.92	2858.	20178.	1406.	656848.	2304.	17652.	14955.	0.	3447.	0.	169950.	3447.
1982	8	.87	1687.	17328.	1406.	639206.	3035.	17634.	12809.	0.	3444.	0.	143948.	3444.
1982	9	.83	1809.	12672.	1406.	626343.	7407.	14417.	9502.	14276.	2816.	0.	114565.	16093.
1982	10	.83	12674.	243.	1406.	636774.	14384.	14004.	4107.	8134.	2735.	0.	104110.	10299.
1982	11	.81	705.	2686.	1406.	632793.	6182.	12817.	2250.	769.	2503.	0.	95862.	3219.
1982	12	.79	1341.	5102.	1406.	627031.	4029.	12714.	3045.	791.	2483.	0.	84747.	3219.
1983	1	.77	1733.	2902.	1406.	623862.	0.	12456.	1822.	845.	2433.	0.	71030.	3219.
1983	2	.76	2170.	0.	1406.	624032.	525.	11424.	-199.	1062.	2231.	0.	60675.	3219.
1983	3	.75	2359.	2412.	1406.	621979.	7519.	13849.	1609.	4359.	2705.	0.	49782.	6759.
1983	4	.71	670.	11488.	1406.	609161.	139.	14503.	3084.	6991.	2832.	0.	26749.	9334.
1983	5	.65	0.	7688.	21054.	571524.	4561.	15002.	1713.	21075.	2930.	0.	14574.	22530.
1983	6	.61	9527.	8497.	26296.	535148.	0.	15570.	0.	10327.	3270.	0.	14973.	12874.
1983	7	.58	321.	10376.	13362.	506085.	3608.	15886.	1468.	0.	3336.	0.	14588.	3336.
1983	8	.55	39.	10078.	11032.	480353.	6850.	15871.	2039.	0.	3333.	0.	14560.	3333.
1983	9	.61	16923.	7070.	1406.	488206.	65388.	12975.	1950.	5722.	2725.	0.	60707.	8046.
1983	10	.61	659.	4995.	1406.	481870.	18722.	12604.	2052.	2691.	2647.	0.	63488.	5150.
1983	11	.60	73.	3515.	1406.	476428.	8509.	12176.	2829.	0.	2557.	0.	58397.	2557.
1983	12	.58	49.	3699.	1406.	470778.	0.	12078.	1459.	0.	2536.	0.	46266.	2536.
1984	1	.57	0.	1227.	1406.	467551.	7603.	11833.	-73.	0.	2485.	0.	43514.	2485.
1984	2	.55	0.	4475.	1406.	461076.	1996.	10852.	1554.	0.	2279.	0.	34510.	2279.
1984	3	.53	0.	6857.	1406.	452219.	2538.	12465.	2100.	819.	2618.	0.	23070.	3379.
1984	4	.50	0.	9498.	8864.	430111.	0.	13053.	2107.	2071.	2741.	0.	14704.	4667.
1984	5	.46	0.	8568.	16945.	397439.	7077.	13502.	1754.	9064.	2835.	0.	14406.	11265.
1984	6	.44	0.	11541.	6015.	377342.	13595.	14013.	1418.	3757.	2943.	0.	14828.	6437.
1984	7	.42	19.	10150.	5052.	360025.	12735.	15886.	1889.	0.	3336.	0.	14840.	3336.
1984	8	.38	0.	12984.	14380.	326586.	3304.	15871.	2338.	0.	3333.	0.	14315.	3333.
1984	9	.35	0.	9708.	11860.	300008.	1469.	11534.	1480.	0.	2422.	0.	14629.	2422.
1984	10	.44	59683.	1164.	1406.	356527.	34076.	11203.	-731.	0.	2353.	0.	39639.	2353.
1984	11	.44	0.	2612.	1406.	351915.	12534.	12176.	1123.	0.	2557.	0.	40279.	2557.
1984	12	.43	0.	1383.	1406.	348532.	5161.	12078.	507.	0.	2536.	0.	34262.	2536.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1985	1	.46	27754.	528.	1406.	373758.	12265.	11833.	-807.	0.	2485.	0.	36907.	2485.
1985	2	.45	1210.	1254.	1406.	371714.	3646.	10852.	-422.	0.	2279.	0.	31528.	2279.
1985	3	.46	3654.	1253.	1406.	372115.	20293.	12465.	551.	819.	2618.	0.	39393.	3379.
1985	4	.51	6998.	1794.	1406.	375319.	51955.	13053.	-4906.	2071.	2741.	0.	82536.	4667.
1985	5	.59	5492.	3418.	1406.	375393.	96893.	13502.	861.	9064.	2835.	0.	157408.	11265.
1985	6	.63	2759.	-3610.	1406.	379762.	49767.	14013.	2567.	3757.	2943.	0.	188244.	6437.
1985	7	.65	8911.	10117.	1406.	376556.	43836.	15886.	11437.	0.	3336.	0.	206162.	3336.
1985	8	.60	687.	13719.	1406.	361524.	1569.	15871.	13583.	0.	3333.	0.	179683.	3333.
1985	9	.60	21947.	3745.	1406.	377726.	0.	12975.	5047.	5722.	2725.	0.	157344.	8046.
1985	10	.73	71023.	2465.	1406.	444283.	74059.	12604.	179.	0.	2647.	4981.	212353.	7279.
1985	11	.74	8123.	-1798.	1406.	452204.	108345.	12817.	-770.	0.	2503.	97704.	212353.	93368.
1985	12	.73	551.	2803.	1406.	447953.	13395.	12714.	3443.	0.	2483.	0.	210997.	2483.
1986	1	.71	1274.	2790.	1406.	444437.	0.	12456.	3550.	845.	2433.	0.	195553.	3219.
1986	2	.70	0.	4354.	1406.	438083.	6277.	11424.	1996.	1062.	2231.	0.	188755.	3219.
1986	3	.66	0.	7828.	1406.	428255.	0.	13849.	7393.	4140.	2908.	0.	164778.	6759.
1986	4	.62	0.	6376.	1406.	419879.	1478.	14503.	5909.	6761.	3046.	0.	140488.	9334.
1986	5	.59	1410.	2109.	1406.	417181.	1039.	13502.	4121.	9064.	2835.	0.	116245.	11265.
1986	6	.65	39629.	-2362.	1406.	457171.	32572.	14013.	2748.	3757.	2943.	0.	129705.	6437.
1986	7	.61	1416.	14208.	1406.	442379.	2372.	17652.	11668.	0.	3707.	0.	104163.	3707.
1986	8	.57	1204.	13542.	1406.	428041.	1339.	15871.	7402.	0.	3333.	0.	83635.	3333.
1986	9	.54	10707.	11057.	1406.	425692.	0.	12975.	3726.	5722.	2725.	0.	62618.	8046.
1986	10	.61	64227.	-1211.	1406.	489130.	11889.	12604.	1293.	2691.	2647.	0.	59325.	5150.
1986	11	.61	2730.	2506.	1406.	487354.	14966.	12176.	373.	0.	2557.	0.	63147.	2557.
1986	12	.66	31026.	-2547.	1406.	518926.	22184.	12078.	-836.	0.	2536.	0.	75495.	2536.
1987	1	.67	11204.	1733.	1406.	526397.	10990.	12456.	774.	648.	2616.	0.	74014.	3219.
1987	2	.68	5537.	-2400.	1406.	532334.	14970.	11424.	-2195.	881.	2399.	0.	80279.	3219.
1987	3	.68	8485.	4600.	1406.	534219.	15039.	13849.	2837.	4140.	2908.	0.	75897.	6759.
1987	4	.65	5701.	8312.	1406.	529608.	0.	14503.	1657.	6761.	3046.	0.	54381.	9334.
1987	5	.65	17295.	2636.	1406.	542267.	15801.	15002.	-1185.	20838.	3150.	0.	36934.	22530.
1987	6	1.00	495187.	-3860.	250648.	684774.	131940.	14013.	-8085.	0.	2943.	197484.	212353.	186602.
1987	7	1.00	78727.	12609.	46481.	684774.	70508.	17652.	8085.	0.	3447.	91252.	212353.	88312.
1987	8	.98	20346.	17756.	1821.	684774.	10754.	17634.	12907.	0.	3444.	0.	194387.	3444.
1987	9	.96	11981.	10291.	1406.	684464.	18292.	14417.	8634.	14276.	2816.	0.	176757.	16093.
1987	10	.93	6306.	14324.	1406.	674446.	5964.	14004.	4857.	8134.	2735.	0.	157132.	10299.
1987	11	.92	7847.	4835.	1406.	675458.	7328.	12817.	1615.	769.	2503.	0.	150665.	3219.
1987	12	.91	8261.	3825.	1406.	677894.	3887.	12714.	2664.	791.	2483.	0.	139789.	3219.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.90	8310.	4600.	1406.	679604.	2732.	12456.	2262.	845.	2433.	0.	128364.	3219.
1988	2	.89	7609.	4097.	1406.	681116.	783.	11424.	1879.	1062.	2231.	0.	116189.	3219.
1988	3	.86	6073.	6653.	1406.	678536.	921.	13849.	3790.	4359.	2705.	0.	96517.	6759.
1988	4	.83	3392.	6877.	1406.	673051.	2546.	14503.	4860.	6991.	2832.	0.	74116.	9334.
1988	5	.79	6383.	5582.	1406.	671852.	0.	15002.	2856.	21075.	2930.	0.	36588.	22530.
1988	6	.75	8164.	13592.	6571.	657077.	0.	15570.	2155.	10574.	3041.	0.	14860.	12874.
1988	7	.73	23420.	11159.	19011.	642296.	0.	17652.	1825.	0.	3447.	0.	14394.	3447.
1988	8	.70	5157.	14772.	15165.	611110.	4366.	17634.	1967.	0.	3444.	0.	14324.	3444.
1988	9	.66	724.	9337.	20623.	573162.	8559.	14417.	104.	14048.	3028.	0.	14936.	16093.
1988	10	.62	2390.	8535.	17995.	541420.	4748.	14004.	1168.	7912.	2941.	0.	14594.	10299.
1988	11	.60	0.	8114.	4096.	527479.	9671.	12176.	1292.	0.	2557.	0.	14893.	2557.
1988	12	.60	0.	5422.	1406.	520056.	18030.	12078.	713.	0.	2536.	0.	21538.	2536.
1989	1	.61	2578.	648.	1406.	519986.	15243.	11833.	287.	0.	2485.	0.	26067.	2485.
1989	2	.60	4085.	2592.	1406.	519480.	4197.	10852.	1377.	0.	2279.	0.	19440.	2279.
1989	3	.59	6267.	6684.	1577.	516820.	9523.	12465.	2252.	819.	2618.	0.	15004.	3379.
1989	4	.59	11752.	6011.	8051.	511109.	8649.	13053.	1863.	2071.	2741.	0.	14717.	4667.
1989	5	.56	7638.	13964.	10687.	489581.	14432.	13502.	2801.	9064.	2835.	0.	14469.	11265.
1989	6	.56	8904.	11681.	1406.	484804.	22324.	14013.	2624.	3757.	2943.	0.	17805.	6437.
1989	7	.56	6907.	14693.	1406.	475017.	31430.	15886.	4050.	0.	3336.	0.	30704.	3336.
1989	8	.56	6922.	13114.	1406.	466825.	27912.	15871.	5135.	0.	3333.	0.	39016.	3333.
1989	9	.54	154.	11138.	1406.	453841.	13373.	12975.	4578.	5722.	2725.	0.	30519.	8046.
1989	10	.53	1903.	7606.	1406.	446138.	13532.	12604.	2021.	2691.	2647.	0.	28141.	5150.
1989	11	.52	1288.	3179.	1406.	442246.	10846.	12176.	1488.	0.	2557.	0.	26729.	2557.
1989	12	.52	74.	0.	1406.	440320.	11438.	12078.	663.	0.	2536.	0.	26832.	2536.

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.033$	.072$	.067$	.068$	.106$	.174$	.171$	.093$	.085$	.061$	.037$	
MAX $	6673.$	7956.$	10521.$	11488.$	13964.$	18910.$	20323.$	19326.$	15792.$	14324.$	8942.$	8226.$	119041.$
MIN $	-6433.$	-4117.$	257.$	-5207.$	-6923.$	-12867.$	-3345.$	4749.$	-19300.$	-5147.$	-2450.$	-15751.$	18668.$
MEAN $	2446.$	2462.$	5339.$	4996.$	5018.$	7846.$	12865.$	12645.$	6915.$	6338.$	4512.$	2757.$	74139.$
GMEAN $	1048.$	598.$	4421.$	2586.$	1354.$	3225.$	10589.$	11905.$	2830.$	2733.$	2666.$	710.$	70331.$
MEDIAN$	2516.$	2561.$	5725.$	5179.$	5150.$	7882.$	12633.$	13235.$	7462.$	6176.$	4509.$	3375.$	76656.$
STDDEV$	2513.9$	2602.8$	2437.9$	3537.2$	4173.3$	5603.0$	4421.3$	4030.9$	6306.7$	4391.1$	2797.4$	3642.7$	21163.3$
SKEW $	-.08$	-.11$	-.47$	-.16$	-.10$	-.02$	.16$	-.44$	-.26$	.11$	.00$	-.51$	-.36$
CCR RELEASE-ADJ													
PER % $	.035$	.055$	.032$	.065$	.112$	.243$	.117$	.055$	.114$	.109$	.038$	.025$	
MAX $	28709.$	81426.$	13714.$	77976.$	98323.$	395159.$	100247.$	81874.$	74360.$	83719.$	25840.$	14641.$	598594.$
MIN $	1406.$	1406.$	1406.$	1000.$	1406.$	1406.$	480.$	1406.$	316.$	13.$	1406.$	1406.$	15782.$
MEAN $	2743.$	4259.$	2459.$	5070.$	8722.$	18844.$	9048.$	4296.$	8872.$	8465.$	2914.$	1957.$	77650.$
GMEAN $	1844.$	1976.$	1800.$	2087.$	3057.$	3295.$	2567.$	2136.$	2553.$	2401.$	1858.$	1615.$	43351.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	31106.$
STDDEV$	4325.6$	11367.7$	2954.7$	13115.2$	17952.0$	61877.1$	20498.0$	10993.4$	18872.9$	17806.9$	4742.1$	2238.5$	102067.7$
SKEW $	.93$	.75$	1.07$	.84$	1.22$	.85$	1.12$	.79$	1.19$	1.19$	.95$	.74$	1.37$
CCR E-O-M													
PER % $	.084$	.084$	.083$	.083$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	684774.$	8183869.$
MIN $	171854.$	176193.$	172180.$	174250.$	215728.$	205941.$	186062.$	180564.$	174720.$	175130.$	177700.$	174238.$	2435159.$
MEAN $	581963.$	579364.$	574002.$	573921.$	581290.$	585013.$	576929.$	571124.$	578018.$	581386.$	577874.$	576478.$	6937364.$
GMEAN $	559387.$	556481.$	550552.$	550818.$	560109.$	562265.$	552091.$	545332.$	555775.$	559921.$	556205.$	554497.$	6698276.$
MEDIAN$	637652.$	638228.$	630096.$	624859.$	634516.$	649562.$	644287.$	640312.$	631735.$	635198.$	633004.$	630408.$	7606272.$
STDDEV$	133123.7$	134139.5$	135204.0$	135096.9$	132331.7$	135650.1$	139719.1$	142100.2$	133111.7$	130639.4$	131262.5$	131938.8$	1528251.0$
SKEW $	-1.25$	-1.32$	-1.24$	-1.13$	-1.21$	-1.43$	-1.45$	-1.46$	-1.21$	-1.24$	-1.26$	-1.23$	-1.31$
SYSTEM RETURN FLOWS													
PER % $	.073$	.067$	.080$	.084$	.087$	.091$	.102$	.102$	.083$	.081$	.075$	.075$	
MAX $	2616.$	2399.$	2908.$	3046.$	3150.$	3270.$	3707.$	3703.$	3028.$	2941.$	2692.$	2670.$	34490.$
MIN $	2354.$	2159.$	2327.$	2437.$	2520.$	2616.$	2965.$	2963.$	2422.$	2353.$	2422.$	2403.$	29941.$
MEAN $	2441.$	2237.$	2666.$	2801.$	2892.$	3033.$	3404.$	3408.$	2781.$	2699.$	2513.$	2490.$	33364.$

GMEAN $	2441.$	2236.$	2663.$	2798.$	2889.$	3030.$	3402.$	3405.$	2778.$	2696.$	2512.$	2490.$	33353.$
MEDIAN$	2433.$	2231.$	2705.$	2832.$	2930.$	3041.$	3447.$	3444.$	2816.$	2735.$	2503.$	2483.$	33600.$
STDDEV$	44.2$	41.5$	117.5$	131.5$	117.7$	117.1$	119.2$	125.3$	117.9$	123.1$	45.9$	39.2$	835.9$
SKEW $	.57$	.40$	-.99$	-.72$	-.98$	-.21$	-1.08$	-.87$	-.88$	-.87$	.63$	.55$	-.85$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.073$	.067$	.080$	.084$	.087$	.091$	.102$	.102$	.083$	.081$	.075$	.075$	
MAX $	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
MIN $	11210.$	10281.$	11080.$	11603.$	12002.$	12456.$	14121.$	14108.$	11534.$	11203.$	11535.$	11443.$	142575.$
MEAN $	12278.$	11250.$	13404.$	14063.$	14520.$	15181.$	17116.$	17131.$	13928.$	13554.$	12623.$	12510.$	167557.$
GMEAN $	12272.$	11244.$	13373.$	14031.$	14490.$	15158.$	17085.$	17100.$	13899.$	13523.$	12617.$	12504.$	167373.$
MEDIAN$	12456.$	11424.$	13849.$	14503.$	15002.$	15570.$	17652.$	17634.$	14417.$	14004.$	12817.$	12714.$	172043.$
STDDEV$	366.8$	356.7$	872.3$	905.7$	901.3$	792.3$	996.3$	983.8$	873.4$	882.0$	381.4$	381.9$	7658.5$
SKEW $	-1.46$	-1.46$	-1.53$	-1.46$	-1.61$	-1.47$	-1.61$	-1.54$	-1.68$	-1.53$	-1.53$	-1.60$	-1.76$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.030$	.077$	.065$	.053$	.093$	.195$	.179$	.077$	.078$	.079$	.046$	
MAX $	5027.$	5928.$	7393.$	7792.$	8540.$	11513.$	14955.$	13756.$	10847.$	8441.$	7118.$	6691.$	67965.$
MIN $	-6160.$	-6600.$	-2469.$	-4937.$	-5570.$	-21935.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	3126.$
MEAN $	1077.$	1092.$	2825.$	2386.$	1946.$	3417.$	7177.$	6595.$	2843.$	2867.$	2922.$	1705.$	36853.$
GMEAN $	219.$	294.$	1663.$	1117.$	411.$	1495.$	4801.$	3909.$	653.$	975.$	1333.$	619.$	33232.$
MEDIAN$	1378.$	1301.$	2836.$	2696.$	2452.$	4001.$	7405.$	6782.$	3644.$	2802.$	2721.$	1821.$	34741.$
STDDEV$	2053.4$	2300.3$	1883.1$	2574.7$	3023.1$	4884.6$	4437.8$	4196.6$	5207.8$	3751.9$	2365.1$	2242.8$	14766.7$
SKEW $	-.44$	-.27$	-.02$	-.36$	-.50$	-.36$	-.15$	-.13$	-.46$	.05$	.25$	-.15$	.43$
LCC RELEASE													
PER % $	.013$	.017$	.076$	.123$	.315$	.142$	.000$	.000$	.195$	.100$	.009$	.011$	
MAX $	845.$	1062.$	4359.$	6991.$	21075.$	10574.$	0.$	0.$	14276.$	8134.$	769.$	791.$	68876.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	501.$	657.$	2969.$	4807.$	12334.$	5554.$	0.$	0.$	7659.$	3934.$	350.$	420.$	39184.$
GMEAN $	59.$	77.$	917.$	1006.$	966.$	360.$	1.$	1.$	612.$	194.$	22.$	36.$	19047.$
MEDIAN$	845.$	1062.$	4359.$	6991.$	18441.$	3757.$	0.$	0.$	5722.$	2691.$	0.$	791.$	42236.$
STDDEV$	406.1$	510.1$	1865.0$	2959.6$	9356.9$	4794.8$	.0$	.0$	6098.8$	3677.3$	377.6$	392.0$	22056.4$
SKEW $	-2.55$	-2.38$	-2.24$	-2.21$	-1.96$	1.12$	.10$	.10$	.95$	1.01$	2.78$	-2.84$	-.42$
LCC UNCTRL SPILLS													
PER % $	.032$	.029$	.010$	.032$	.113$	.189$	.095$	.047$	.214$	.184$	.044$	.011$	
MAX $	248814.$	360054.$	162636.$	250264.$	493475.$	1559074.$	425629.$	484389.$	1257905.$	895420.$	256699.$	101848.$	2325110.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	10167.$	9209.$	3084.$	10027.$	35868.$	59631.$	30133.$	14922.$	67811.$	58055.$	13979.$	3326.$	316210.$

GMEAN $	4.$	3.$	2.$	3.$	28.$	34.$	17.$	6.$	26.$	39.$	7.$	4.$	4226.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	106703.$
STDDEV$	39384.5$	48711.6$	21537.9$	39716.4$	91464.7$	218345.1$	78320.9$	69394.6$	199414.4$	150973.1$	43854.0$	14840.3$	507170.8$
SKEW $	.77$	.57$	.43$	.76$	1.18$	.82$	1.15$	.65$	1.02$	1.15$	.96$	.67$	1.24$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.083$	.079$	.074$	.072$	.077$	.088$	.089$	.087$	.090$	.090$	.088$	.085$	
MAX $	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	212353.$	2487707.$
MIN $	14847.$	14780.$	14635.$	14515.$	14406.$	14406.$	14394.$	14315.$	14629.$	14433.$	14683.$	14920.$	288141.$
MEAN $	132406.$	125321.$	117688.$	113861.$	122367.$	139579.$	141628.$	137947.$	142666.$	143525.$	139864.$	134474.$	1591326.$
GMEAN $	107213.$	98555.$	91889.$	87016.$	88818.$	104598.$	108065.$	106319.$	113979.$	116790.$	113777.$	110169.$	1398601.$
MEDIAN$	143256.$	139166.$	128766.$	116218.$	114001.$	144083.$	178615.$	166268.$	155498.$	158032.$	150176.$	138278.$	1799733.$
STDDEV$	65903.4$	66605.9$	65082.6$	65928.5$	75316.8$	74890.5$	72519.0$	70391.9$	68396.4$	68043.3$	67569.3$	65811.4$	635783.9$
SKEW $	-.49$	-.62$	-.51$	-.11$	.33$	-.18$	-1.53$	-1.21$	-.56$	-.64$	-.46$	-.17$	-.98$
TOTAL INFLOW TO THE BAY													
PER % $	.034$	.031$	.023$	.046$	.131$	.175$	.086$	.048$	.201$	.166$	.044$	.016$	
MAX $	233830.$	337081.$	153957.$	235578.$	461861.$	1452979.$	399282.$	453926.$	1172274.$	835476.$	241234.$	97201.$	2202515.$
MIN $	2354.$	2159.$	2327.$	2437.$	2520.$	2616.$	2965.$	2963.$	2422.$	2353.$	2422.$	2403.$	46041.$
MEAN $	12361.$	11412.$	8295.$	16596.$	47719.$	63655.$	31428.$	17285.$	72968.$	60349.$	15839.$	5974.$	363881.$
GMEAN $	4199.$	3758.$	5620.$	9075.$	26031.$	17777.$	7449.$	4823.$	20934.$	16312.$	4793.$	3589.$	206552.$
MEDIAN$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	162662.$
STDDEV$	36507.0$	45187.6$	19719.8$	35910.0$	80932.6$	201696.1$	72853.1$	64544.9$	183076.8$	139040.1$	40678.8$	13716.9$	463828.4$
SKEW $	.75$	.54$	.23$	.61$	.93$	.76$	1.15$	.64$	.93$	1.08$	.93$	.60$	1.30$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.073$	.067$	.080$	.084$	.087$	.091$	.102$	.102$	.083$	.081$	.075$	.075$	
MAX $	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
MIN $	10426.$	9562.$	10304.$	10790.$	11162.$	11584.$	13133.$	13120.$	10726.$	10419.$	10728.$	10642.$	132595.$
MEAN $	11419.$	10463.$	12466.$	13079.$	13504.$	14118.$	15918.$	15931.$	12953.$	12605.$	11739.$	11634.$	155828.$
GMEAN $	11413.$	10457.$	12437.$	13049.$	13475.$	14097.$	15889.$	15903.$	12926.$	12576.$	11734.$	11628.$	155656.$
MEDIAN$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
STDDEV$	341.2$	331.7$	811.2$	842.3$	838.2$	736.8$	926.5$	914.9$	812.3$	820.3$	354.7$	355.2$	7122.4$
SKEW $	-1.46$	-1.46$	-1.53$	-1.46$	-1.60$	-1.47$	-1.61$	-1.54$	-1.68$	-1.53$	-1.53$	-1.60$	-1.76$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	CHOKE CANYON RESERVOIR				LAKE CORPUS CHRISTI						B & E	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75256.$	34142.$	655091.$	323703.$	172043.$	42994.$	63647.$	33600.$	96126.$	194542.$	182189.$
1935$	899837.$	18668.$	598594.$	684774.$	1971228.$	172043.$	28082.$	7057.$	33600.$	2325110.$	204247.$	2202515.$
1936$	282578.$	46353.$	166066.$	684774.$	749398.$	172043.$	25022.$	13257.$	33600.$	655436.$	212353.$	655484.$
1937$	66555.$	84761.$	28059.$	626656.$	128035.$	172043.$	37249.$	68163.$	33975.$	0.$	90992.$	97366.$
1938$	95147.$	102421.$	16872.$	595382.$	325114.$	172043.$	60401.$	31981.$	33600.$	49461.$	102294.$	109341.$
1939$	76749.$	83681.$	16872.$	564450.$	269616.$	172043.$	47595.$	68638.$	33821.$	0.$	100506.$	97654.$
1940$	208894.$	64933.$	19286.$	680977.$	779993.$	172043.$	41820.$	48630.$	33813.$	413574.$	212353.$	463663.$
1941$	446252.$	34022.$	294794.$	673869.$	994963.$	172043.$	18325.$	791.$	33600.$	1091598.$	184249.$	1049522.$
1942$	342179.$	55310.$	205482.$	668445.$	945113.$	172043.$	28864.$	45696.$	33600.$	888064.$	184361.$	901997.$
1943$	71937.$	88098.$	16872.$	628283.$	161056.$	172043.$	43793.$	68876.$	33600.$	0.$	77577.$	97654.$
1944$	131110.$	74211.$	16872.$	661182.$	630193.$	172043.$	40736.$	49062.$	33600.$	274430.$	174096.$	334447.$
1945$	107492.$	90562.$	16872.$	654113.$	447692.$	172043.$	57205.$	22009.$	33600.$	180504.$	179837.$	221936.$
1946$	323039.$	57705.$	172932.$	673456.$	1010103.$	172043.$	32855.$	14048.$	33600.$	919601.$	188269.$	901894.$
1947$	36172.$	87863.$	16872.$	597765.$	279647.$	172043.$	52135.$	33219.$	33600.$	73283.$	129712.$	132647.$
1948$	42109.$	86404.$	32201.$	507665.$	115220.$	166159.$	27226.$	53073.$	33905.$	0.$	30674.$	83263.$
1949$	218812.$	58505.$	17825.$	642617.$	757726.$	169464.$	41899.$	16137.$	33613.$	380674.$	178446.$	402648.$
1950$	20676.$	100690.$	16872.$	538603.$	188694.$	172043.$	64774.$	68876.$	33600.$	0.$	78320.$	97654.$
1951$	153199.$	83324.$	16872.$	584478.$	338469.$	167708.$	45530.$	40742.$	34119.$	3282.$	173118.$	75061.$
1952$	32784.$	85840.$	16872.$	507422.$	143335.$	171407.$	46031.$	67661.$	34048.$	0.$	48226.$	96972.$
1953$	256286.$	78352.$	16466.$	661934.$	468874.$	159986.$	24470.$	15711.$	33016.$	127010.$	198069.$	165747.$
1954$	34820.$	116733.$	16872.$	556021.$	226784.$	172043.$	67656.$	68876.$	33600.$	14174.$	118976.$	110836.$
1955$	39869.$	119041.$	25268.$	440906.$	116167.$	162895.$	34972.$	40832.$	33653.$	0.$	21711.$	71627.$
1956$	53601.$	89609.$	83114.$	286671.$	123426.$	149662.$	19504.$	15711.$	31429.$	0.$	43374.$	46041.$
1957$	423638.$	65473.$	16872.$	620837.$	1248395.$	162484.$	41460.$	0.$	32581.$	875339.$	199769.$	846646.$
1958$	465123.$	52652.$	245019.$	684774.$	1254231.$	172043.$	25444.$	47898.$	33600.$	1231578.$	212353.$	1223512.$
1959$	129998.$	89094.$	34510.$	676589.$	357269.$	172043.$	50401.$	58066.$	33600.$	113036.$	202452.$	192725.$
1960$	92022.$	60022.$	16872.$	684589.$	415631.$	172043.$	24379.$	59182.$	33600.$	158864.$	212353.$	236383.$
1961$	120225.$	76429.$	66579.$	633678.$	243964.$	172043.$	54871.$	57969.$	33600.$	89351.$	148662.$	170608.$
1962$	9206.$	98416.$	62362.$	455760.$	55431.$	167924.$	30291.$	53319.$	33787.$	0.$	14920.$	83374.$
1963$	29202.$	72491.$	67093.$	317033.$	144897.$	154632.$	30907.$	21433.$	32473.$	0.$	19938.$	52406.$
1964$	24178.$	49716.$	82432.$	174238.$	431593.$	142575.$	22367.$	0.$	29941.$	181023.$	187997.$	198292.$
1965$	87626.$	33582.$	16872.$	204282.$	231794.$	149103.$	55327.$	5722.$	31312.$	115100.$	111115.$	143676.$
1966$	79291.$	30982.$	16872.$	228591.$	307657.$	151780.$	29290.$	8413.$	31874.$	110721.$	135143.$	142669.$
1967$	393605.$	40582.$	16872.$	557614.$	1678502.$	148552.$	34509.$	0.$	30615.$	1431781.$	212353.$	1362171.$
1968$	259911.$	59036.$	80365.$	644172.$	489310.$	172043.$	42635.$	31686.$	33600.$	377435.$	133502.$	414083.$
1969$	76660.$	78160.$	15782.$	620222.$	269846.$	172043.$	24175.$	68426.$	34018.$	0.$	154485.$	97654.$
1970$	89373.$	69957.$	16872.$	615638.$	310579.$	172043.$	47797.$	58302.$	33600.$	77156.$	116065.$	159576.$
1971$	462165.$	76884.$	222250.$	684774.$	2266411.$	170278.$	12581.$	44659.$	33718.$	2156634.$	212353.$	2080920.$
1972$	65740.$	71617.$	17274.$	654325.$	254041.$	172043.$	38492.$	38972.$	33600.$	83799.$	129287.$	147777.$
1973$	333411.$	64057.$	169234.$	682947.$	836351.$	172043.$	3126.$	34332.$	33600.$	688369.$	212353.$	705712.$

1974$	169235.$	82243.$	59871.$	684774.$	306638.$	172043.$	38836.$	38839.$	33600.$	112330.$	198178.$	174188.$
1975$	150332.$	86714.$	64892.$	656084.$	306447.$	172043.$	58518.$	53270.$	33600.$	138724.$	136768.$	212154.$
1976$	281523.$	72099.$	127056.$	684774.$	759640.$	172043.$	13908.$	44905.$	33600.$	566290.$	212353.$	602012.$
1977$	235577.$	100720.$	130690.$	633728.$	388753.$	172043.$	61574.$	24698.$	33600.$	361790.$	92089.$	393034.$
1978$	164323.$	84071.$	30012.$	671288.$	184389.$	172043.$	24832.$	68629.$	33829.$	0.$	40985.$	97654.$
1979$	159602.$	82082.$	81743.$	632532.$	250277.$	172043.$	33373.$	68876.$	33600.$	0.$	98713.$	97654.$
1980$	174992.$	100109.$	25433.$	671238.$	504073.$	172043.$	42355.$	54654.$	33600.$	193241.$	163242.$	264142.$
1981$	307468.$	70583.$	159482.$	681264.$	877447.$	172043.$	23232.$	13257.$	33600.$	743148.$	206891.$	737056.$
1982$	60229.$	89715.$	17397.$	627031.$	180736.$	172043.$	67965.$	43639.$	33600.$	18315.$	84747.$	91217.$
1983$	34523.$	72721.$	82993.$	470778.$	115821.$	164396.$	19827.$	53073.$	33535.$	0.$	46266.$	82892.$
1984$	59702.$	80167.$	71552.$	348532.$	102088.$	154467.$	15466.$	15711.$	32438.$	0.$	34262.$	47050.$
1985$	159109.$	35688.$	16872.$	447953.$	476023.$	158586.$	30764.$	21433.$	32928.$	102685.$	210997.$	148358.$
1986$	153623.$	58649.$	16872.$	518926.$	94116.$	163104.$	49343.$	34043.$	33901.$	0.$	75495.$	65561.$
1987$	676877.$	74660.$	311604.$	677894.$	305473.$	170486.$	32564.$	57239.$	34490.$	288735.$	139789.$	356247.$
1988$	71622.$	98740.$	91896.$	520056.$	52356.$	170766.$	24871.$	66866.$	34125.$	0.$	21538.$	96311.$
1989$	58472.$	91311.$	32969.$	440320.$	182899.$	157309.$	29139.$	24125.$	33035.$	0.$	26832.$	55471.$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	88957.$	5104.$	3670.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	182189.$
1935$	3219.$	3219.$	6759.$	20003.$	162484.$	1452979.$	88596.$	97366.$	325622.$	36546.$	2503.$	3219.$	2202515.$
1936$	3219.$	3219.$	6759.$	9334.$	37498.$	34106.$	305813.$	3444.$	87462.$	153064.$	8816.$	2751.$	655484.$
1937$	2931.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97366.$
1938$	7358.$	2231.$	6759.$	32014.$	14823.$	6437.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	109341.$
1939$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1940$	3219.$	3219.$	6759.$	9334.$	22530.$	142692.$	210632.$	29669.$	8046.$	10299.$	3219.$	14046.$	463663.$
1941$	2433.$	66306.$	5438.$	147173.$	461861.$	113083.$	66407.$	3444.$	169624.$	8031.$	2503.$	3219.$	1049522.$
1942$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	399282.$	4358.$	406895.$	27806.$	2503.$	3219.$	901997.$
1943$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1944$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	258035.$	5150.$	3219.$	3219.$	334447.$
1945$	3219.$	3219.$	6759.$	41234.$	11265.$	14589.$	3447.$	3444.$	16093.$	112946.$	2503.$	3219.$	221936.$
1946$	3219.$	3219.$	6759.$	9334.$	51171.$	94813.$	3447.$	8239.$	233363.$	482608.$	2503.$	3219.$	901894.$
1947$	3219.$	3219.$	6759.$	9334.$	47431.$	6437.$	20258.$	7196.$	12058.$	10299.$	3219.$	3219.$	132647.$
1948$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3336.$	3703.$	8046.$	5150.$	2557.$	2536.$	83263.$
1949$	2485.$	2279.$	3379.$	63195.$	176802.$	54353.$	61678.$	13694.$	8046.$	10299.$	3219.$	3219.$	402648.$
1950$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1951$	3219.$	3219.$	3379.$	4667.$	11265.$	12874.$	3447.$	3444.$	16093.$	7017.$	3219.$	3219.$	75061.$
1952$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	2536.$	96972.$
1953$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	3336.$	3333.$	69933.$	37788.$	18361.$	2483.$	165747.$
1954$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	16630.$	3444.$	16093.$	10299.$	3219.$	3219.$	110836.$
1955$	3219.$	3219.$	6759.$	9334.$	11265.$	12874.$	3336.$	3333.$	8046.$	5150.$	2557.$	2536.$	71627.$
1956$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	2965.$	2963.$	2422.$	2353.$	2422.$	2403.$	46041.$
1957$	2354.$	2159.$	2327.$	2437.$	364391.$	358338.$	3447.$	3444.$	20551.$	55876.$	28840.$	2483.$	846646.$
1958$	233830.$	337081.$	153957.$	4667.$	22530.$	12874.$	50057.$	3444.$	16093.$	216955.$	166489.$	5536.$	1223512.$
1959$	11077.$	2231.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	99214.$	2503.$	3219.$	192725.$
1960$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	45468.$	63859.$	46138.$	236383.$
1961$	32343.$	50776.$	3379.$	9334.$	22530.$	12874.$	3447.$	8085.$	11103.$	10299.$	3219.$	3219.$	170608.$
1962$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3703.$	8046.$	5150.$	2557.$	2536.$	83374.$
1963$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	3336.$	3333.$	8046.$	2353.$	2422.$	2403.$	52406.$
1964$	2354.$	2159.$	2327.$	2437.$	2520.$	2616.$	2965.$	2963.$	2422.$	170704.$	2422.$	2403.$	198292.$
1965$	2354.$	2159.$	2327.$	2437.$	89134.$	23372.$	3336.$	3333.$	8046.$	2353.$	2422.$	2403.$	143676.$
1966$	2354.$	2159.$	2327.$	2437.$	85382.$	23052.$	3336.$	3333.$	8046.$	5150.$	2557.$	2536.$	142669.$
1967$	2485.$	2159.$	2327.$	2437.$	2520.$	2616.$	2965.$	2963.$	1172274.$	157450.$	2560.$	9416.$	1362171.$
1968$	132734.$	19142.$	3379.$	9334.$	200976.$	8798.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	414083.$
1969$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1970$	3219.$	3219.$	6759.$	9334.$	22530.$	74796.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	159576.$
1971$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	74340.$	453926.$	584993.$	835476.$	60289.$	13964.$	2080920.$
1972$	6863.$	2231.$	6759.$	9334.$	76433.$	6437.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	147777.$
1973$	3219.$	3219.$	6759.$	9334.$	22530.$	79709.$	66568.$	5863.$	42875.$	416908.$	44721.$	4008.$	705712.$
1974$	2433.$	3219.$	9327.$	4667.$	22530.$	12874.$	3447.$	3444.$	100661.$	5150.$	3219.$	3219.$	174188.$

1975$	3219.$	3219.$	6759.$	9334.$	22530.$	87995.$	42826.$	3444.$	16093.$	10299.$	3219.$	3219.$	212154.$
1976$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	5960.$	65089.$	131146.$	241234.$	97201.$	602012.$
1977$	35773.$	14563.$	3379.$	235578.$	57582.$	6437.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	393034.$
1978$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1979$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	97654.$
1980$	3219.$	3219.$	6759.$	9334.$	52716.$	398183.$	126058.$	3444.$	27593.$	77024.$	27026.$	2483.$	737056.$
1981$	3219.$	3219.$	6759.$	9334.$	22530.$	6437.$	3447.$	3444.$	16093.$	10299.$	3219.$	3219.$	91217.$
1982$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3336.$	3333.$	8046.$	5150.$	2557.$	2536.$	82892.$
1983$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3336.$	3333.$	2422.$	2353.$	2557.$	2536.$	47050.$
1984$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	3336.$	3333.$	8046.$	7279.$	93368.$	2483.$	148358.$
1985$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	3336.$	3333.$	8046.$	5150.$	2557.$	2536.$	65561.$
1986$	3219.$	3219.$	6759.$	9334.$	11265.$	6437.$	3707.$	3333.$	8046.$	5150.$	2557.$	2536.$	65561.$
1987$	3219.$	3219.$	6759.$	9334.$	22530.$	186602.$	88312.$	3444.$	16093.$	10299.$	3219.$	3219.$	356247.$
1988$	3219.$	3219.$	6759.$	9334.$	22530.$	12874.$	3447.$	3444.$	16093.$	10299.$	2557.$	2536.$	96311.$
1989$	2485.$	2279.$	3379.$	4667.$	11265.$	6437.$	3336.$	3333.$	8046.$	5150.$	2557.$	2536.$	55471.$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1935$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1936$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1937$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1938$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1939$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1940$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1941$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1942$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1943$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1944$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1945$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1946$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1947$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1948$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1949$	11005.$	10093.$	11592.$	13488.$	13952.$	14480.$	14774.$	16400.$	12067.$	11722.$	11324.$	11233.$	154528.$
1950$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	157602.$
1951$	11584.$	10624.$	11592.$	12139.$	12557.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1952$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	155968.$
1953$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	14774.$	14760.$	12067.$	13024.$	11920.$	11233.$	159409.$
1954$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	148787.$
1955$	11584.$	10624.$	12880.$	13488.$	12557.$	14480.$	14774.$	14760.$	12067.$	11722.$	11324.$	11233.$	151493.$
1956$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	13133.$	13120.$	10726.$	10419.$	10728.$	10642.$	139186.$
1957$	10426.$	9562.$	10304.$	10790.$	12557.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	151110.$
1958$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1959$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1960$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1961$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1962$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1963$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	14774.$	14760.$	12067.$	11722.$	11324.$	11233.$	156170.$
1964$	10426.$	9562.$	10304.$	10790.$	11162.$	11584.$	13133.$	13120.$	10726.$	10419.$	10728.$	10642.$	143808.$
1965$	10426.$	9562.$	10304.$	10790.$	11162.$	13032.$	14774.$	14760.$	12067.$	10419.$	10728.$	10642.$	132595.$
1966$	10426.$	9562.$	10304.$	10790.$	11162.$	13032.$	14774.$	14760.$	12067.$	10419.$	10728.$	10642.$	138666.$
1967$	11005.$	9562.$	10304.$	10790.$	11162.$	11584.$	13133.$	13120.$	10726.$	11722.$	11324.$	11233.$	141155.$
1968$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	138154.$
1969$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1970$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1971$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1972$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	14774.$	16400.$	13408.$	13024.$	11920.$	11824.$	158358.$
1973$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1974$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$

1975$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1976$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1977$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1978$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1979$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1980$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1981$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1982$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1983$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	160000.$
1984$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	14774.$	14760.$	12067.$	11722.$	11324.$	11233.$	152888.$
1985$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	14774.$	14760.$	10726.$	10419.$	11324.$	11233.$	143654.$
1986$	11584.$	10624.$	12880.$	13488.$	12557.$	13032.$	14774.$	14760.$	12067.$	11722.$	11920.$	11824.$	147485.$
1987$	11584.$	10624.$	12880.$	13488.$	13952.$	13032.$	16416.$	14760.$	12067.$	11722.$	11324.$	11233.$	151686.$
1988$	11584.$	10624.$	12880.$	13488.$	13952.$	14480.$	16416.$	16400.$	13408.$	13024.$	11920.$	11824.$	158552.$
1989$	11005.$	10093.$	11592.$	12139.$	12557.$	13032.$	14774.$	14760.$	12067.$	11722.$	11324.$	11233.$	158813.$
													146298.$

CONDITIONAL PROBABILITY MODELING RUN4 ** FINAL **
FOR LCC & CCR
SUMMARY : SPILL BANKING

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	0.$	93037.$	3089.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	96126.$
1935$	0.$	0.$	0.$	0.$	18463.$	171564.$	1559074.$	91558.$	100991.$	347103.$	36356.$	0.$	2325110.$
1936$	0.$	0.$	0.$	0.$	0.$	37170.$	33404.$	325125.$	0.$	91018.$	161644.$	6788.$	655148.$
1937$	288.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	288.$
1938$	0.$	5296.$	0.$	0.$	31378.$	12788.$	0.$	0.$	0.$	0.$	0.$	0.$	49461.$
1939$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1940$	0.$	0.$	0.$	0.$	0.$	0.$	150163.$	222779.$	28199.$	0.$	0.$	0.$	401141.$
1941$	12433.$	0.$	68897.$	2939.$	155205.$	493475.$	118325.$	67699.$	0.$	179364.$	5694.$	0.$	1104031.$
1942$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	425629.$	983.$	434494.$	26958.$	0.$	888064.$
1943$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1944$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	274430.$	0.$	0.$	274430.$
1945$	0.$	0.$	0.$	0.$	41292.$	8287.$	12418.$	0.$	0.$	0.$	118507.$	0.$	180504.$
1946$	0.$	0.$	0.$	0.$	0.$	51873.$	98680.$	0.$	5156.$	247900.$	515992.$	0.$	919601.$
1947$	0.$	0.$	0.$	0.$	0.$	47851.$	3321.$	18076.$	4035.$	0.$	0.$	0.$	73283.$
1948$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1949$	0.$	0.$	0.$	0.$	64906.$	186960.$	55174.$	62613.$	11021.$	0.$	0.$	0.$	380674.$
1950$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1951$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	3282.$	0.$	0.$	3282.$
1952$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1953$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	72267.$	37692.$	17052.$	127010.$
1954$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	14174.$	0.$	0.$	0.$	0.$	14174.$
1955$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1956$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1957$	0.$	0.$	0.$	0.$	0.$	388769.$	382040.$	0.$	0.$	19070.$	57141.$	28319.$	875339.$
1958$	0.$	248814.$	360054.$	162636.$	0.$	0.$	0.$	50118.$	0.$	0.$	230344.$	176329.$	1228295.$
1959$	3283.$	9295.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	103741.$	0.$	116319.$
1960$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	45949.$	65974.$	111924.$
1961$	46941.$	32161.$	52199.$	0.$	0.$	0.$	0.$	0.$	4990.$	0.$	0.$	0.$	136292.$
1962$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1963$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1964$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1965$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	181023.$	0.$	181023.$
1966$	0.$	0.$	0.$	0.$	0.$	93133.$	21967.$	0.$	0.$	0.$	0.$	0.$	115100.$
1967$	0.$	0.$	0.$	0.$	0.$	89098.$	21623.$	0.$	0.$	0.$	0.$	0.$	110721.$
1968$	7455.$	140109.$	18184.$	0.$	0.$	0.$	0.$	0.$	0.$	1257905.$	166360.$	61.$	1424326.$
1969$	0.$	0.$	0.$	0.$	0.$	212952.$	6191.$	0.$	0.$	0.$	0.$	0.$	384890.$
1970$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1971$	0.$	0.$	0.$	0.$	0.$	0.$	77156.$	0.$	0.$	0.$	0.$	0.$	77156.$
1972$	12345.$	4763.$	0.$	0.$	0.$	79035.$	0.$	76348.$	484389.$	625997.$	895420.$	62135.$	2144289.$
1973$	0.$	0.$	0.$	0.$	0.$	0.$	82439.$	67872.$	2601.$	43074.$	445348.$	45395.$	686729.$
1974$	1640.$	0.$	0.$	7120.$	0.$	0.$	0.$	0.$	0.$	105210.$	0.$	0.$	113970.$

1975$	0.$	0.$	0.$	0.$	0.$	5032.$	91349.$	42343.$	0.$	0.$	0.$	0.$	138724.$
1976$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	2705.$	66961.$	138077.$	256699.$	464442.$
1977$	101848.$	35850.$	13260.$	0.$	250264.$	58766.$	3650.$	0.$	0.$	0.$	0.$	0.$	463638.$
1978$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1979$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1980$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	190557.$	2684.$	0.$	0.$	193241.$
1981$	0.$	0.$	0.$	0.$	0.$	53533.$	424884.$	131839.$	0.$	26642.$	79881.$	26368.$	743148.$
1982$	0.$	0.$	0.$	0.$	0.$	18315.$	0.$	0.$	0.$	0.$	0.$	0.$	18315.$
1983$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1984$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1985$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	4981.$	97704.$	102685.$
1986$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1987$	0.$	0.$	0.$	0.$	0.$	0.$	197484.$	91252.$	0.$	0.$	0.$	0.$	288735.$
1988$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1989$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$

1 CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK	0
IBEG	1934
IEND	1989
ISKIP	0
LONGPR	1
MODE	0
KSIM	31
KZONE	0
FLIMIT	.05
RTNFLW	.42
ALOSS	.93
DEMAND	197000.
REQREL	2000.
BEDEMM	151000.
TOTCAP	852637.
TOT5	852637.
TOT4	852637.
TOT3	707689.
TOT2	341055.
LCCMAX	174673.
LCC76	6006.
LCCMIN	0.
CCRMAX	677964.
CCR155	2818.
CCRMIN	2818.

DEMDIS		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	5000.	5000.	10500.	14500.	35000.	20000.	5000.	5000.	25000.	16000.	5000.	5000.
TRIGGERS		1.00	1.00	.83	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.
******** INPUT REDUCTIONS ********													
REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10
******** COMPUTED REDUCTION MULTIPLIERS ********													
REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 0

PERCENT OF TIME WHICH VOLUME RULES APPLY

ZONE$	V50$	V40$	V30$	V20$	V0$
1	.06$	.05$	.05$	.08$	.76$
2	.06$	.05$	.06$	.08$	.76$
3	.07$	.04$	.06$	.09$	.74$
4	.07$	.04$	.07$	.11$	.71$
5	.07$	.05$	.07$	.13$	.69$
6	.07$	.05$	.08$	.14$	.67$
7	.07$	.05$	.08$	.27$	.54$
8	.07$	.06$	.09$	.42$	.36$
9	.09$	.06$	.13$	.46$	.26$
10	.11$	.08$	.28$	.33$	.19$
11	.13$	.09$	.42$	.22$	.14$
12	.15$	.14$	.46$	.16$	.10$
13	.19$	.30$	.32$	.13$	.07$
14	.22$	.43$	.21$	.11$	.03$
15	.29$	.45$	.16$	.08$	.01$
16	.51$	.29$	.13$	.06$	.01$
17	.65$	.20$	.11$	.03$	.01$
18	.74$	.16$	.08$	.01$	.00$
19	.81$	.12$	.06$	.01$	.00$
20	.85$	.11$	.03$	.01$	.00$
21	.90$	.08$	.02$	.00$	.00$
22	.92$	.07$	.01$	.00$	.00$
23	.96$	.03$	.01$	.00$	.00$
24	.97$	.02$	.00$	.00$	.00$
25	.99$	.01$	.00$	.00$	.00$
26	.99$	.01$	.00$	.00$	.00$
27	1.00$	.00$	.00$	.00$	.00$
28	1.00$	.00$	.00$	.00$	.00$
29	1.00$	.00$	.00$	.00$	.00$
30	1.00$	.00$	.00$	.00$	.00$
31	1.00$	.00$	.00$	.00$	.00$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	267$	298$	72$	.397$	.443$	.107$
2$	174$	298$	74$	.259$	.443$	.110$
3$	120$	297$	78$	.179$	.442$	.116$
4$	88$	294$	85$	.131$	.438$	.126$
5$	62$	288$	98$	.092$	.429$	.146$
6$	40$	281$	112$	.060$	.418$	.167$
7$	25$	273$	122$	.037$	.406$	.182$
8$	13$	273$	124$	.019$	.406$	.185$
9$	8$	273$	124$	.012$	.406$	.185$
10$	6$	273$	124$	.009$	.406$	.185$
11$	3$	273$	124$	.004$	.406$	.185$
12$	1$	273$	124$	.001$	.406$	.185$
13$	0$	273$	124$	.000$	.406$	.185$
14$	0$	273$	124$	.000$	.406$	.185$
15$	0$	273$	124$	.000$	.406$	.185$
16$	0$	273$	124$	.000$	.406$	.185$
17$	0$	273$	125$	.000$	.406$	.186$
18$	0$	273$	125$	.000$	.406$	.186$
19$	0$	273$	125$	.000$	.406$	.186$
20$	0$	273$	126$	.000$	.406$	.188$
21$	0$	272$	127$	.000$	.405$	.189$
22$	0$	272$	127$	.000$	.405$	.189$
23$	0$	272$	127$	.000$	.405$	.189$
24$	0$	272$	127$	.000$	.405$	.189$
25$	0$	271$	128$	.000$	.403$	.190$
26$	0$	270$	128$	.000$	.402$	.190$
27$	0$	270$	129$	.000$	.402$	.192$
28$	0$	270$	131$	.000$	.402$	.195$
29$	0$	267$	133$	.000$	.397$	.198$
30$	0$	265$	137$	.000$	.394$	.204$
31$	0$	265$	137$	.000$	.394$	.204$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	7$	7$	6$	6$	8$	5$	5$	2$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	9$	8$	8$	7$	5$	6$	4$	6$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	3$	3$	3$	3$	1$	3$	4$	3$	5$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	2$	4$	3$	3$	3$	3$	4$	3$	2$	3$	5$	1$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	6$	5$	6$	6$	7$	6$	6$	6$	5$	3$	3$	6$	1$	1$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	1$	1$	1$	1$	1$	2$	0$	3$	4$	4$	2$	3$	6$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	1$	1$	2$	2$	3$	3$	5$	2$	3$	3$	4$	1$	3$	4$	2$	1$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	3$	3$	3$	4$	4$	4$	4$	3$	3$	4$	3$	5$	3$	3$	4$	3$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	5$	5$	5$	5$	3$	2$	2$	4$	4$	2$	4$	3$	4$	3$	3$	4$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	1$	1$	1$	1$	3$	3$	3$	4$	3$	4$	3$	3$	2$	4$	3$	2$	4$	4$	1$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	3$	3$	3$	3$	3$	4$	4$	1$	3$	3$	3$	4$	4$	4$	4$	4$	1$	4$	5$	1$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$
12$	0$	0$	0$	0$	0$	0$	0$	4$	2$	3$	3$	2$	3$	2$	5$	3$	5$	1$	3$	6$	1$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$
13$	2$	2$	2$	1$	1$	1$	1$	1$	3$	2$	4$	4$	3$	3$	1$	5$	3$	5$	3$	3$	5$	1$	2$	0$	0$	1$	0$	0$	0$	0$	0$
14$	1$	1$	1$	2$	1$	1$	1$	0$	1$	3$	2$	3$	4$	4$	3$	1$	4$	3$	4$	2$	3$	5$	3$	2$	0$	0$	1$	0$	0$	0$	0$
15$	2$	2$	1$	1$	2$	2$	2$	1$	0$	1$	2$	2$	2$	3$	4$	4$	1$	4$	2$	4$	2$	3$	3$	3$	2$	1$	0$	1$	0$	0$	0$
16$	2$	2$	3$	3$	3$	2$	2$	2$	1$	0$	1$	2$	2$	2$	3$	3$	4$	2$	4$	2$	4$	2$	3$	3$	3$	1$	1$	0$	1$	1$	1$
17$	1$	1$	1$	1$	1$	2$	2$	3$	3$	1$	1$	1$	2$	2$	2$	3$	3$	4$	2$	4$	2$	4$	3$	3$	4$	3$	1$	1$	0$	0$	0$
18$	0$	0$	0$	0$	0$	0$	0$	1$	2$	3$	0$	1$	1$	2$	2$	2$	3$	2$	4$	3$	4$	2$	3$	3$	2$	4$	4$	1$	2$	0$	0$
19$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	1$	2$	2$	3$	4$	3$	3$	3$	5$	3$	3$	3$	2$	3$	4$	0$	2$	2$
20$	1$	1$	1$	1$	1$	1$	1$	3$	0$	1$	2$	3$	0$	1$	1$	2$	2$	2$	4$	4$	3$	2$	4$	3$	3$	3$	3$	4$	4$	3$	3$
21$	1$	1$	1$	1$	1$	1$	1$	0$	3$	0$	1$	2$	4$	0$	1$	1$	1$	2$	1$	3$	4$	3$	3$	4$	3$	3$	3$	2$	5$	4$	4$

22$		1$	2$	1$	1$	1$	1$	1$	1$	0$	3$	0$	1$	2$	4$	0$	1$	1$	1$	2$	1$	3$	4$	3$	3$	4$	4$	3$	4$				
2$	3$	3$																															
23$		1$	0$	1$	0$	0$	0$	0$	1$	2$	0$	3$	1$	0$	2$	4$	1$	1$	1$	2$	2$	1$	3$	4$	4$	4$	4$	6$	3$				
5$	5$	5$																															
24$		0$	0$	0$	1$	1$	1$	1$	0$	0$	2$	0$	2$	1$	0$	2$	3$	1$	1$	1$	2$	2$	1$	2$	3$	3$	3$	2$	6$				
2$	3$	3$																															
25$		0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	2$	0$	2$	2$	0$	2$	3$	1$	0$	1$	2$	3$	2$	3$	4$	4$	3$	2$				
6$	6$	6$																															
26$		0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	2$	0$	1$	2$	0$	2$	3$	1$	0$	1$	1$	2$	1$	2$	3$	3$	4$				
3$	3$	3$																															
27$		0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	3$	1$	2$	3$	1$	3$	4$	2$	1$	2$	2$	3$	2$	3$	4$	4$				
5$	4$	4$																															
28$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	0$	1$	3$	1$	3$	5$	3$	2$	3$	3$	4$	4$	5$	4$				
5$	6$	6$																															
29$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	0$	2$	1$	2$	4$	4$	2$	3$	4$	5$	5$	7$				
6$	6$	6$																															
30$		1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	1$	1$	2$	2$	3$	4$	6$	5$	5$	5$	6$	6$				
7$	6$	6$																															
31$		0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	2$	2$	2$	2$	3$	3$	3$	3$	3$				
3$	4$	4$																															

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.1250$	.1250$	.1071$	.1071$	.1429$	.0893$	.0893$	.0357$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.1607$	.1429$	.1429$	.1250$	.0893$	.1071$	.0714$	.1071$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0536$	.0536$	.0536$	.0536$	.0179$	.0536$	.0714$	.0536$	.0893$	.0714$	.0179$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0357$	.0714$	.0536$	.0536$	.0536$	.0536$	.0714$	.0536$	.0357$	.0536$	.0893$	.0179$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$
5$	.1071$	.0893$	.1071$	.1071$	.1250$	.1071$	.1071$	.1071$	.0893$	.0536$	.0536$	.1071$	.0179$	.0179$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$
6$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0536$	.0714$	.0714$	.0357$	.0536$	.1071$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$
7$	.0179$	.0179$	.0357$	.0357$	.0536$	.0536$	.0893$	.0357$	.0536$	.0536$	.0714$	.0179$	.0536$	.0714$	.0357$	.0179$	.0000$	.0000$	.0179$	.0000$
8$	.0536$	.0536$	.0536$	.0714$	.0714$	.0714$	.0714$	.0536$	.0536$	.0714$	.0536$	.0893$	.0536$	.0536$	.0714$	.0536$	.0357$	.0179$	.0000$	.0179$
9$	.0893$	.0893$	.0893$	.0893$	.0536$	.0357$	.0357$	.0714$	.0714$	.0357$	.0714$	.0536$	.0714$	.0536$	.0536$	.0714$	.0714$	.0179$	.0179$	.0000$
10$	.0179$	.0179$	.0179$	.0179$	.0536$	.0536$	.0536$	.0714$	.0536$	.0714$	.0536$	.0536$	.0357$	.0714$	.0536$	.0357$	.0714$	.0714$	.0179$	.0179$
11$	.0536$	.0536$	.0536$	.0536$	.0536$	.0714$	.0714$	.0179$	.0536$	.0536$	.0536$	.0714$	.0714$	.0714$	.0714$	.0714$	.0179$	.0714$	.0893$	.0179$
12$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0714$	.0357$	.0536$	.0536$	.0357$	.0536$	.0357$	.0893$	.0536$	.0893$	.0179$	.0536$	.1071$
13$	.0357$	.0357$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0536$	.0357$	.0714$	.0714$	.0536$	.0536$	.0179$	.0893$	.0536$	.0893$	.0536$	.0536$
14$	.0179$	.0179$	.0179$	.0357$	.0179$	.0179$	.0179$	.0000$	.0179$	.0536$	.0357$	.0536$	.0714$	.0714$	.0536$	.0179$	.0714$	.0536$	.0714$	.0357$
15$	.0357$	.0357$	.0179$	.0179$	.0357$	.0357$	.0357$	.0179$	.0000$	.0179$	.0357$	.0357$	.0357$	.0536$	.0714$	.0714$	.0179$	.0714$	.0357$	.0714$
16$	.0357$	.0357$	.0536$	.0536$	.0536$	.0357$	.0357$	.0357$	.0179$	.0000$	.0179$	.0357$	.0357$	.0357$	.0536$	.0536$	.0714$	.0357$	.0714$	.0357$
17$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0536$	.0536$	.0179$	.0179$	.0179$	.0357$	.0357$	.0357$	.0536$	.0536$	.0714$	.0357$	.0714$
18$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0357$	.0357$	.0357$	.0536$	.0357$	.0714$	.0536$
19$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0357$	.0357$	.0536$	.0714$	.0536$	.0536$
20$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0536$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0179$	.0357$	.0357$	.0357$	.0714$	.0714$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0536$	.0000$	.0179$	.0357$	.0714$	.0000$	.0179$	.0179$	.0179$	.0357$	.0179$	.0536$

22$	.0179$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0536$	.0000$	.0179$	.0357$	.0714$	.0000$	.0179$	.0179$	.0179$	.0357$	.0179$
23$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0000$	.0536$	.0179$	.0000$	.0357$	.0714$	.0179$	.0179$	.0179$	.0357$	.0357$
24$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0357$	.0000$	.0357$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$	.0179$	.0357$
25$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0357$	.0000$	.0357$	.0357$	.0000$	.0357$	.0536$	.0179$	.0000$	.0179$
26$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0000$	.0000$	.0357$	.0000$	.0179$	.0357$	.0000$	.0357$	.0536$	.0179$	.0000$
27$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0536$	.0179$	.0536$	.0714$	.0357$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0000$	.0179$	.0536$	.0179$	.0536$	.0893$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0000$	.0357$	.0179$	.0357$
30$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0179$	.0179$	.0357$	.0357$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0357$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0179$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0893$	.0179$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0536$	.0893$	.0536$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
15$	.0357$	.0536$	.0536$	.0536$	.0357$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$
16$	.0714$	.0357$	.0536$	.0536$	.0536$	.0179$	.0179$	.0000$	.0179$	.0179$	.0179$
17$	.0357$	.0714$	.0536$	.0536$	.0714$	.0536$	.0179$	.0179$	.0000$	.0000$	.0000$
18$	.0714$	.0357$	.0536$	.0536$	.0357$	.0714$	.0714$	.0179$	.0357$	.0000$	.0000$
19$	.0536$	.0893$	.0536$	.0536$	.0536$	.0357$	.0536$	.0714$	.0000$	.0357$	.0357$
20$	.0536$	.0357$	.0714$	.0536$	.0536$	.0536$	.0536$	.0714$	.0714$	.0536$	.0536$
21$	.0714$	.0536$	.0536$	.0714$	.0536$	.0536$	.0536$	.0357$	.0893$	.0714$	.0714$
22$	.0536$	.0714$	.0536$	.0536$	.0714$	.0714$	.0536$	.0714$	.0357$	.0536$	.0536$
23$	.0179$	.0536$	.0714$	.0714$	.0714$	.0714$	.1071$	.0536$	.0893$	.0893$	.0893$
24$	.0357$	.0179$	.0357$	.0536$	.0536$	.0536$	.0357$	.1071$	.0357$	.0536$	.0536$
25$	.0357$	.0536$	.0357$	.0536$	.0714$	.0714$	.0536$	.0357$	.1071$	.1071$	.1071$
26$	.0179$	.0179$	.0357$	.0179$	.0357$	.0536$	.0536$	.0714$	.0536$	.0536$	.0536$
27$	.0179$	.0357$	.0357$	.0536$	.0357$	.0536$	.0714$	.0714$	.0893$	.0714$	.0714$
28$	.0536$	.0357$	.0536$	.0536$	.0714$	.0714$	.0893$	.0714$	.0893$	.1071$	.1071$
29$	.0714$	.0714$	.0357$	.0536$	.0714$	.0893$	.0893$	.1250$	.1071$	.1071$	.1071$
30$	.0536$	.0714$	.1071$	.0893$	.0893$	.0893$	.1071$	.1071$	.1250$	.1071$	.1071$
31$	.0357$	.0357$	.0357$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0714$	.0714$

STEADY STATE TABLE

S/E ZONE	$	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$
2$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$
3$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$
4$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$
5$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$
6$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$
7$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$
8$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$
9$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$
10$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$
11$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$
12$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$
13$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$
14$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$
15$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$
16$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$
17$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$
18$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$
19$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$
20$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$
21$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$

22$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$
23$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$
24$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$
25$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$
26$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$
27$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$
28$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$
29$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$
30$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$
31$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$

STEADY STATE TABLE

S/E ZONE	$ 21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$	.0209$
2$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$	.0253$
3$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$	.0158$
4$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$	.0186$
5$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$	.0311$
6$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$	.0196$
7$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$	.0210$
8$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$
9$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$
10$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$	.0285$
11$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$
12$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$	.0290$
13$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$	.0348$
14$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$	.0334$
15$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$	.0333$
16$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$	.0374$
17$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$	.0359$
18$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$	.0320$
19$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$	.0409$
20$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$	.0415$
21$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$	.0395$
22$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$	.0367$
23$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$	.0418$
24$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$	.0304$
25$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$	.0355$
26$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$	.0241$
27$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$	.0362$
28$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$	.0397$
29$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$	.0392$
30$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$	.0514$
31$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$	.0261$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.020902$	.397321$	.008305$
2$	.025281$	.258929$	.006546$
3$	.015842$	.178571$	.002829$
4$	.018644$	.130952$	.002442$
5$	.031126$	.092262$	.002872$
6$	.019550$	.059524$	.001164$
7$	.021026$	.037202$	.000782$
8$	.030412$	.019345$	.000588$
9$	.033365$	.011905$	.000397$
10$	.028521$	.008929$	.000255$
11$	.036722$	.004464$	.000164$
12$	.028989$	.001488$	.000043$
13$	.034752$	.000000$	.000000$
14$	.033403$	.000000$	.000000$
15$	.033303$	.000000$	.000000$
16$	.037375$	.000000$	.000000$
17$	.035881$	.000000$	.000000$
18$	.032010$	.000000$	.000000$
19$	.040948$	.000000$	.000000$
20$	.041516$	.000000$	.000000$
21$	.039456$	.000000$	.000000$
22$	.036651$	.000000$	.000000$
23$	.041776$	.000000$	.000000$
24$	.030377$	.000000$	.000000$
25$	.035466$	.000000$	.000000$
26$	.024122$	.000000$	.000000$
27$	.036243$	.000000$	.000000$
28$	.039670$	.000000$	.000000$
29$	.039152$	.000000$	.000000$
30$	.051420$	.000000$	.000000$
31$	.026101$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ 2.64$ PER CENT
$AT ANNUAL DEMAND=$ 197000.$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1934	1	1.00	12609.	-6433.	13387.	677964.	87176.	15336.	-5775.	0.	5990.	91002.	174673.	85282.
1934	2	1.00	4803.	5395.	1406.	675372.	16187.	14065.	3064.	0.	5494.	464.	174673.	1082.
1934	3	.97	1467.	4346.	1406.	670493.	4204.	17052.	2944.	4128.	6661.	0.	156159.	4489.
1934	4	.99	16227.	-772.	6698.	677964.	26969.	17857.	1616.	8091.	6975.	0.	162261.	8175.
1934	5	.91	865.	10471.	1406.	666358.	4153.	18471.	5955.	29876.	7215.	0.	113517.	28435.
1934	6	.85	1183.	16821.	1406.	648720.	2162.	19170.	8038.	13454.	7488.	0.	76423.	13162.
1934	7	.85	16866.	12949.	1406.	650636.	23466.	21734.	4615.	0.	8489.	0.	74947.	650.
1934	8	.84	1553.	15328.	1406.	634861.	29031.	21712.	6551.	0.	8481.	0.	77120.	650.
1934	9	.80	1344.	10239.	1406.	623966.	15995.	17751.	2515.	19426.	6934.	0.	54828.	18716.
1934	10	.77	7420.	9913.	1406.	619473.	12435.	17243.	3569.	9962.	6735.	0.	37895.	9915.
1934	11	.89	23635.	-2443.	1406.	643551.	89980.	15781.	-1654.	0.	6164.	0.	115154.	650.
1934	12	.89	6166.	-744.	1406.	648462.	11945.	15654.	1432.	0.	6114.	0.	111418.	650.
1935	1	.87	1264.	4465.	1406.	643261.	4187.	15336.	1102.	0.	5990.	0.	100573.	650.
1935	2	.89	9795.	0.	1406.	651056.	18047.	14065.	1621.	0.	5494.	0.	104340.	650.
1935	3	.88	3229.	3736.	1406.	648549.	18557.	17052.	-1098.	4128.	6661.	0.	104220.	4489.
1935	4	.93	9227.	3240.	1406.	652536.	61121.	17857.	2829.	8091.	6975.	0.	137970.	8175.
1935	5	1.00	124713.	772.	69254.	677964.	130464.	18471.	4043.	0.	7215.	110625.	174673.	103531.
1935	6	1.00	549238.	-12867.	395159.	677964.	1181981.	19170.	-1155.	0.	7488.	1545671.	174673.	1438124.
1935	7	1.00	69573.	13381.	39503.	677964.	79910.	21734.	10203.	0.	8489.	87476.	174673.	82003.
1935	8	1.00	30233.	18270.	8410.	677964.	122344.	21712.	12128.	0.	8481.	96913.	174673.	90779.
1935	9	1.00	82634.	-19300.	71659.	677964.	287015.	17751.	-8470.	0.	6934.	329967.	174673.	307520.
1935	10	1.00	12480.	6176.	4432.	677964.	52953.	17243.	4428.	0.	6735.	25752.	174673.	24599.
1935	11	.98	3349.	4366.	1406.	674947.	3268.	15781.	4067.	0.	6164.	0.	159499.	650.
1935	12	.98	4102.	-3602.	3295.	677964.	11381.	15654.	-2918.	0.	6114.	0.	161439.	650.
1936	1	.97	3472.	3598.	1406.	675838.	3273.	15336.	1939.	0.	5990.	0.	148843.	650.
1936	2	.95	2342.	3840.	1406.	672340.	0.	14065.	2149.	0.	5494.	0.	134034.	650.
1936	3	.95	2240.	3568.	1406.	669012.	23443.	17052.	323.	4128.	6661.	0.	137380.	4489.
1936	4	.91	3434.	6338.	1406.	664108.	4210.	17857.	2296.	8091.	6975.	0.	114752.	8175.
1936	5	1.00	16544.	-6920.	6754.	677964.	105293.	18471.	-5052.	21047.	7215.	8830.	174673.	28435.
1936	6	1.00	22817.	-772.	16583.	677964.	40085.	19170.	4043.	0.	7488.	20001.	174673.	19251.
1936	7	1.00	139880.	6176.	93994.	677964.	253210.	21734.	4428.	0.	8489.	321043.	174673.	299220.
1936	8	.96	2539.	13270.	1406.	665233.	3925.	21712.	5804.	0.	8481.	0.	152487.	650.
1936	9	1.00	25384.	4612.	5653.	677964.	130406.	17751.	-1925.	0.	6934.	78621.	174673.	73767.
1936	10	1.00	51271.	6176.	31702.	677964.	151548.	17243.	5005.	0.	6735.	151039.	174673.	141117.
1936	11	1.00	7547.	3603.	2773.	677964.	20875.	15781.	4041.	0.	6164.	3826.	174673.	4208.
1936	12	1.00	5108.	2831.	1601.	677964.	13130.	15654.	1717.	0.	6114.	0.	172033.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1937	1	.99	3734.	2572.	1406.	677126.	6686.	15336.	1306.	0.	5990.	0.	163483.	650.
1937	2	.97	2762.	4360.	1406.	673529.	2524.	14065.	2487.	0.	5494.	0.	150861.	650.
1937	3	.94	3279.	4341.	1406.	670467.	1962.	17052.	2631.	4128.	6661.	0.	130417.	4489.
1937	4	.89	1792.	9620.	1406.	660639.	8.	17857.	5307.	8091.	6975.	0.	100575.	8175.
1937	5	.83	1215.	7024.	1406.	652830.	1488.	18471.	3823.	29876.	7215.	0.	51298.	28435.
1937	6	.79	8179.	11957.	1406.	647052.	12459.	19170.	2895.	13454.	7488.	0.	29644.	13162.
1937	7	.75	725.	12819.	1406.	632958.	1064.	21734.	1904.	0.	8489.	0.	8477.	650.
1937	8	.72	70.	14749.	5483.	610479.	14593.	21712.	1113.	0.	8481.	0.	5728.	650.
1937	9	.65	1317.	14075.	35114.	547772.	3016.	17751.	1015.	19426.	6934.	0.	5665.	18716.
1937	10	.59	1130.	10418.	27352.	499576.	758.	17243.	860.	9962.	6735.	0.	5710.	9915.
1937	11	.56	337.	6245.	16396.	470345.	0.	15781.	497.	0.	6164.	0.	5828.	650.
1937	12	.71	42015.	-14138.	1406.	524499.	83477.	15654.	-4598.	0.	6114.	0.	79655.	650.
1938	1	.87	48364.	2889.	1406.	567974.	140974.	15336.	2483.	0.	5990.	29542.	174673.	28124.
1938	2	.86	1687.	2957.	1406.	564704.	4416.	14065.	1878.	0.	5494.	0.	164552.	650.
1938	3	.82	2043.	5882.	1406.	558865.	620.	17052.	4166.	4128.	6661.	0.	141232.	4489.
1938	4	.89	27871.	2514.	1406.	582222.	82600.	17857.	2986.	0.	6975.	21630.	174673.	20766.
1938	5	.88	9357.	6256.	1406.	583323.	38619.	18471.	3174.	29876.	7215.	0.	163177.	28435.
1938	6	.81	622.	13564.	1406.	568382.	0.	19170.	7746.	13454.	7488.	0.	124212.	13162.
1938	7	.75	430.	17141.	1406.	549671.	0.	21734.	10625.	0.	8489.	0.	93259.	650.
1938	8	.76	0.	11516.	1406.	536155.	46564.	21712.	5776.	0.	8481.	0.	113740.	650.
1938	9	.70	194.	10922.	1406.	523427.	2376.	17751.	5131.	19426.	6934.	0.	75214.	18716.
1938	10	.65	0.	11419.	1406.	510008.	0.	17243.	5052.	9962.	6735.	0.	44363.	9915.
1938	11	.62	121.	7449.	1406.	500680.	990.	15781.	1801.	0.	6164.	0.	29177.	650.
1938	12	.62	4458.	0.	1406.	503138.	7955.	15654.	-435.	0.	6114.	0.	23319.	650.
1939	1	.60	1354.	1696.	1406.	500796.	0.	15336.	381.	0.	5990.	0.	9007.	650.
1939	2	.57	560.	3354.	11364.	481837.	0.	14065.	427.	0.	5494.	0.	5879.	650.
1939	3	.53	438.	6300.	21656.	445170.	0.	17052.	538.	4128.	6661.	0.	5816.	4489.
1939	4	.47	0.	8866.	26652.	398392.	0.	17857.	783.	8091.	6975.	0.	5737.	8175.
1939	5	.55	9108.	6338.	1406.	399163.	112167.	18471.	2557.	29876.	7215.	0.	68405.	28435.
1939	6	.57	6915.	4663.	1406.	399414.	54993.	19170.	2488.	13454.	7488.	0.	89692.	13162.
1939	7	.59	24844.	11290.	1406.	410968.	31150.	21734.	7515.	0.	8489.	0.	92999.	650.
1939	8	.57	6245.	7384.	1406.	407829.	13545.	21712.	6002.	0.	8481.	0.	80236.	650.
1939	9	.57	15530.	5888.	1406.	415471.	31365.	17751.	2800.	19426.	6934.	0.	73029.	18716.
1939	10	.57	10489.	7835.	1406.	416125.	26396.	17243.	4707.	9962.	6735.	0.	68919.	9915.
1939	11	.54	755.	3810.	1406.	411071.	0.	15781.	2429.	0.	6164.	0.	52115.	650.
1939	12	.52	511.	2838.	1406.	406744.	0.	15654.	1147.	0.	6114.	0.	36720.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1940	1	.50	735.	2445.	1406.	403034.	0.	15336.	644.	0.	5990.	0.	22145.	650.
1940	2	.48	1819.	2247.	1406.	400606.	24.	14065.	519.	0.	5494.	0.	8991.	650.
1940	3	.47	595.	4093.	1795.	394554.	16816.	17052.	448.	4128.	6661.	0.	5974.	4489.
1940	4	.58	28596.	3955.	1406.	417194.	101394.	17857.	2219.	8091.	6975.	0.	80606.	8175.
1940	5	.63	14953.	2893.	1406.	427254.	77491.	18471.	2967.	29876.	7215.	0.	108188.	28435.
1940	6	.79	67988.	-1824.	1406.	495066.	197347.	19170.	-963.	0.	7488.	100607.	174673.	94214.
1940	7	.83	48402.	10515.	1406.	530953.	246918.	21734.	7893.	0.	8489.	218698.	174673.	204039.
1940	8	.83	18758.	11187.	1406.	536524.	51639.	21712.	9626.	0.	8481.	21707.	174673.	20838.
1940	9	.78	632.	13317.	1406.	521840.	15999.	17751.	8707.	19426.	6934.	0.	146193.	18716.
1940	10	.77	3712.	4974.	1406.	518578.	16213.	17243.	1975.	9962.	6735.	0.	134632.	9915.
1940	11	.79	9671.	2381.	1406.	523868.	28780.	15781.	1323.	0.	6164.	0.	147714.	650.
1940	12	.82	13033.	-1092.	1406.	535993.	27372.	15654.	-530.	0.	6114.	0.	161368.	650.
1941	1	.82	12759.	1105.	1406.	545647.	7077.	15336.	1425.	0.	5990.	0.	153090.	650.
1941	2	.89	42641.	-682.	1406.	586970.	50648.	14065.	-1726.	0.	5494.	18132.	174673.	17513.
1941	3	.89	10490.	234.	1406.	595227.	10128.	17052.	-189.	4128.	6661.	0.	165215.	4489.
1941	4	1.00	84973.	-4926.	5035.	677964.	106142.	17857.	-4043.	0.	6975.	79813.	174673.	74876.
1941	5	1.00	138576.	-1287.	98323.	677964.	414688.	18471.	-4428.	0.	7215.	469091.	174673.	436905.
1941	6	1.00	20955.	2831.	12741.	677964.	124998.	19170.	193.	0.	7488.	104923.	174673.	98228.
1941	7	1.00	6123.	6935.	1406.	675152.	89720.	21734.	5775.	0.	8489.	63617.	174673.	59814.
1941	8	.96	4517.	13491.	1406.	664178.	8278.	21712.	8504.	0.	8481.	0.	154140.	650.
1941	9	1.00	111498.	1029.	67968.	677964.	160639.	17751.	3850.	0.	6934.	167047.	174673.	156003.
1941	10	.99	10138.	4889.	3690.	677964.	21300.	17243.	2653.	9962.	6735.	0.	169804.	9915.
1941	11	.97	2006.	5896.	1406.	672074.	1318.	15781.	3967.	0.	6164.	0.	152780.	650.
1941	12	.94	1576.	4581.	1406.	667069.	27.	15654.	1682.	0.	6114.	0.	136878.	650.
1942	1	.92	1126.	5307.	1406.	660887.	0.	15336.	2786.	0.	5990.	0.	120161.	650.
1942	2	.90	1403.	252.	1406.	660039.	960.	14065.	-580.	0.	5494.	0.	109042.	650.
1942	3	.86	884.	8266.	1406.	650656.	0.	17052.	3918.	4128.	6661.	0.	85349.	4489.
1942	4	.84	5209.	3489.	1406.	650376.	8594.	17857.	1986.	8091.	6975.	0.	67415.	8175.
1942	5	.81	10165.	4743.	1406.	653797.	16997.	18471.	2031.	29876.	7215.	0.	35439.	28435.
1942	6	.76	417.	11180.	1406.	641034.	6330.	19170.	1670.	13454.	7488.	0.	8881.	13162.
1942	7	1.00	176276.	-3345.	100312.	677964.	468366.	21734.	-6545.	0.	8489.	387699.	174673.	361210.
1942	8	1.00	10632.	5147.	3856.	677964.	17450.	21712.	2663.	0.	8481.	0.	171604.	650.
1942	9	1.00	104488.	-1287.	74360.	677964.	388926.	17751.	1155.	0.	6934.	421884.	174673.	393002.
1942	10	1.00	28353.	5919.	15771.	677964.	31445.	17243.	3658.	0.	6735.	16354.	174673.	15859.
1942	11	.97	1946.	8699.	1406.	669211.	5453.	15781.	5717.	0.	6164.	0.	160034.	650.
1942	12	.94	1280.	6835.	1406.	661656.	592.	15654.	4470.	0.	6114.	0.	141908.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1943	1	.92	1459.	2769.	1406.	658346.	938.	15336.	643.	0.	5990.	0.	128272.	650.
1943	2	.89	1172.	6758.	1406.	650761.	16.	14065.	3404.	0.	5494.	0.	112225.	650.
1943	3	.86	1770.	5716.	1406.	644814.	1688.	17052.	2553.	4128.	6661.	0.	91586.	4489.
1943	4	.82	945.	9119.	1406.	634641.	0.	17857.	4198.	8091.	6975.	0.	62846.	8175.
1943	5	.76	3573.	5138.	1406.	631075.	3225.	18471.	1060.	29876.	7215.	0.	18069.	28435.
1943	6	.85	30515.	6424.	1406.	653167.	88193.	19170.	2468.	13454.	7488.	0.	72576.	13162.
1943	7	.86	27087.	11577.	1406.	666676.	19459.	21734.	4565.	0.	8489.	0.	67142.	650.
1943	8	.80	0.	18805.	1406.	645871.	0.	21712.	6543.	0.	8481.	0.	40293.	650.
1943	9	.80	2130.	3467.	1406.	642534.	33410.	17751.	588.	19426.	6934.	0.	37344.	18716.
1943	10	.76	443.	12757.	1406.	628221.	8233.	17243.	2572.	9962.	6735.	0.	17206.	9915.
1943	11	.74	2333.	2676.	1050.	626385.	3745.	15781.	218.	0.	6164.	0.	6001.	650.
1943	12	.72	510.	2642.	13522.	605018.	2149.	15654.	19.	0.	6114.	0.	5999.	650.
1944	1	.71	990.	-1417.	8306.	595610.	7001.	15336.	-58.	0.	5990.	0.	6028.	650.
1944	2	.68	440.	3017.	14190.	572849.	0.	14065.	229.	0.	5494.	0.	5923.	650.
1944	3	.67	3183.	684.	8420.	563371.	12904.	17052.	96.	4128.	6661.	0.	5971.	4489.
1944	4	.61	866.	8837.	26420.	517817.	0.	17857.	667.	8091.	6975.	0.	5776.	8175.
1944	5	.72	71463.	-1120.	1406.	588400.	69153.	18471.	-279.	29876.	7215.	0.	28266.	28435.
1944	6	.88	13089.	9799.	1406.	589690.	169816.	19170.	5395.	13454.	7488.	0.	161469.	13162.
1944	7	.82	1564.	17338.	1406.	571916.	1607.	21734.	11416.	0.	8489.	0.	131333.	650.
1944	8	.82	8715.	7777.	1406.	570854.	22563.	21712.	3592.	0.	8481.	0.	129997.	650.
1944	9	.88	19295.	9871.	1406.	578277.	336315.	17751.	5005.	0.	6934.	250863.	174673.	233952.
1944	10	.85	9430.	10356.	1406.	575351.	6750.	17243.	7689.	9962.	6735.	0.	147935.	9915.
1944	11	.83	483.	1835.	1406.	571999.	2318.	15781.	1159.	0.	6164.	0.	134719.	650.
1944	12	.81	1592.	686.	1406.	570905.	1766.	15654.	311.	0.	6114.	0.	121925.	650.
1945	1	.79	5035.	4113.	1406.	569828.	2032.	15336.	2448.	0.	5990.	0.	107579.	650.
1945	2	.79	9141.	2061.	1406.	574908.	9109.	14065.	1234.	0.	5494.	0.	102794.	650.
1945	3	.79	2032.	3438.	1406.	571502.	18645.	17052.	2011.	4128.	6661.	0.	99654.	4489.
1945	4	.90	26463.	3241.	1406.	592723.	117552.	17857.	1015.	0.	6975.	16976.	174673.	16437.
1945	5	.87	340.	10703.	1406.	580361.	38546.	18471.	7333.	29876.	7215.	0.	158944.	28435.
1945	6	.88	16638.	6268.	1406.	588731.	36009.	19170.	5331.	13454.	7488.	0.	158404.	13162.
1945	7	.83	1845.	11586.	1406.	576990.	1799.	21734.	7482.	0.	8489.	0.	132393.	650.
1945	8	.78	0.	13236.	1406.	561754.	0.	21712.	5850.	0.	8481.	0.	106237.	650.
1945	9	.72	948.	11902.	1406.	548800.	0.	17751.	6430.	19426.	6934.	0.	64036.	18716.
1945	10	.89	44421.	4101.	1406.	587120.	224000.	17243.	3076.	0.	6735.	84488.	174673.	79224.
1945	11	.86	307.	7643.	1406.	577784.	0.	15781.	6007.	0.	6164.	0.	154291.	650.
1945	12	.83	322.	4592.	1406.	571514.	0.	15654.	2697.	0.	6114.	0.	137346.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1946	1	.82	560.	229.	1406.	569846.	1610.	15336.	-317.	0.	5990.	0.	125343.	650.
1946	2	.80	298.	2051.	1406.	566093.	0.	14065.	739.	0.	5494.	0.	111944.	650.
1946	3	.77	2074.	6118.	1406.	560049.	8898.	17052.	3536.	4128.	6661.	0.	97532.	4489.
1946	4	.78	15960.	4087.	1406.	569922.	26930.	17857.	2235.	8091.	6975.	0.	97684.	8175.
1946	5	.89	18011.	-1384.	1406.	587317.	149199.	18471.	343.	4951.	7215.	24925.	174673.	28435.
1946	6	.90	14147.	6541.	1406.	592923.	119961.	19170.	3465.	0.	7488.	85278.	174673.	79958.
1946	7	.84	0.	16237.	1406.	574686.	1314.	21734.	10252.	0.	8489.	0.	145408.	650.
1946	8	.91	43717.	7955.	1406.	608448.	51900.	21712.	6535.	0.	8481.	0.	170467.	650.
1946	9	1.00	106530.	2264.	24429.	677964.	197402.	17751.	-385.	0.	6934.	180832.	174673.	168824.
1946	10	1.00	118574.	-515.	83719.	677964.	446756.	17243.	-2118.	0.	6735.	505388.	174673.	470661.
1946	11	.98	2060.	6407.	1406.	671617.	5146.	15781.	3901.	0.	6164.	0.	161543.	650.
1946	12	.95	1108.	4070.	1406.	666655.	987.	15654.	2621.	0.	6114.	0.	145661.	650.
1947	1	.94	1450.	-1268.	1406.	667374.	5394.	15336.	-500.	0.	5990.	0.	137624.	650.
1947	2	.92	476.	5559.	1406.	660290.	0.	14065.	3266.	0.	5494.	0.	121699.	650.
1947	3	.89	1384.	5772.	1406.	653903.	2610.	17052.	2968.	4128.	6661.	0.	101567.	4489.
1947	4	.87	598.	3991.	1406.	648510.	16828.	17857.	1314.	8091.	6975.	0.	92538.	8175.
1947	5	.98	10242.	0.	1406.	656752.	149170.	18471.	-505.	9278.	7215.	20598.	174673.	28435.
1947	6	.96	13468.	11789.	1406.	656431.	28981.	19170.	7607.	13454.	7488.	0.	164828.	13162.
1947	7	.96	6218.	17928.	1406.	642721.	46450.	21734.	11698.	0.	8489.	4580.	174673.	4909.
1947	8	.95	1442.	10080.	1406.	632083.	25071.	21712.	4765.	0.	8481.	0.	174672.	650.
1947	9	.87	0.	15741.	1406.	614342.	0.	17751.	10208.	19426.	6934.	0.	128693.	18716.
1947	10	.82	0.	10483.	1406.	601859.	0.	17243.	5652.	9962.	6735.	0.	97242.	9915.
1947	11	.80	789.	5658.	1406.	594990.	5143.	15781.	1279.	0.	6164.	0.	86731.	650.
1947	12	.78	105.	1875.	1406.	591220.	0.	15654.	597.	0.	6114.	0.	71886.	650.
1948	1	.75	0.	3963.	1406.	585258.	0.	15336.	1626.	0.	5990.	0.	56330.	650.
1948	2	.74	135.	0.	1406.	583393.	0.	14065.	183.	0.	5494.	0.	43488.	650.
1948	3	.70	0.	5080.	1406.	576312.	0.	17052.	1087.	4128.	6661.	0.	22626.	4489.
1948	4	.66	0.	6818.	10100.	555127.	0.	17857.	871.	8091.	6975.	0.	5907.	8175.
1948	5	.57	0.	8397.	48869.	477214.	0.	18471.	646.	29876.	7215.	0.	5781.	28435.
1948	6	.50	1169.	10593.	33313.	420404.	0.	19170.	711.	13454.	7488.	0.	5759.	13162.
1948	7	.58	26585.	10300.	1406.	434689.	73915.	21734.	2853.	0.	8489.	0.	56493.	650.
1948	8	.54	0.	13206.	1406.	419483.	5896.	21712.	5400.	0.	8481.	0.	36683.	650.
1948	9	.49	0.	6492.	1406.	410991.	8132.	17751.	808.	19426.	6934.	0.	8236.	18716.
1948	10	.50	14220.	4953.	2796.	416281.	22665.	17243.	556.	9962.	6735.	0.	5936.	9915.
1948	11	.47	0.	5082.	11786.	394434.	4379.	15781.	486.	0.	6164.	0.	5834.	650.
1948	12	.44	0.	3813.	15856.	368066.	233.	15654.	411.	0.	6114.	0.	5859.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1949	1	.41	0.	699.	15399.	345462.	133.	15336.	76.	0.	5990.	0.	5978.	650.
1949	2	.40	6427.	170.	10809.	336344.	3285.	14065.	0.	0.	5494.	0.	6006.	650.
1949	3	.55	23421.	3602.	1406.	354163.	131112.	17052.	1697.	4128.	6661.	0.	115646.	4489.
1949	4	.71	76290.	-4253.	1406.	432706.	159940.	17857.	-5005.	0.	6975.	81376.	174673.	76330.
1949	5	.72	14887.	7076.	1406.	438517.	216641.	18471.	7123.	0.	7215.	162576.	174673.	151846.
1949	6	.77	47734.	4651.	1406.	479600.	78380.	19170.	5390.	0.	7488.	41772.	174673.	39497.
1949	7	.77	14473.	7883.	1406.	484190.	85019.	21734.	6160.	0.	8489.	58531.	174673.	55084.
1949	8	.76	5632.	11596.	1406.	476226.	36875.	21712.	9573.	0.	8481.	6995.	174673.	7156.
1949	9	.70	0.	11255.	1406.	462972.	3989.	17751.	8316.	19426.	6934.	0.	134574.	18716.
1949	10	.71	17238.	1228.	1406.	476981.	20834.	17243.	1262.	9962.	6735.	0.	128347.	9915.
1949	11	.69	1798.	5348.	1406.	471431.	10173.	15781.	4955.	0.	6164.	0.	119190.	650.
1949	12	.70	10912.	-412.	1406.	480756.	11345.	15654.	441.	0.	6114.	0.	115846.	650.
1950	1	.68	49.	4336.	1406.	474469.	1710.	15336.	1952.	0.	5990.	0.	101674.	650.
1950	2	.65	0.	2873.	1406.	469596.	685.	14065.	1944.	0.	5494.	0.	87756.	650.
1950	3	.62	0.	6923.	1406.	460673.	917.	17052.	3720.	4128.	6661.	0.	65178.	4489.
1950	4	.58	171.	4844.	1406.	454001.	3477.	17857.	2564.	8091.	6975.	0.	41549.	8175.
1950	5	.58	11295.	4033.	1406.	459263.	41642.	18471.	1849.	29876.	7215.	0.	34400.	28435.
1950	6	.66	9116.	5466.	1406.	460913.	105877.	19170.	3794.	13454.	7488.	0.	105264.	13162.
1950	7	.63	45.	10663.	1406.	448295.	10350.	21734.	5977.	0.	8489.	0.	89310.	650.
1950	8	.58	0.	12870.	1406.	433424.	0.	21712.	7314.	0.	8481.	0.	61689.	650.
1950	9	.53	0.	9524.	1406.	421901.	8312.	17751.	4168.	19426.	6934.	0.	30061.	18716.
1950	10	.50	0.	9939.	1406.	409962.	15724.	17243.	2372.	9962.	6735.	0.	17614.	9915.
1950	11	.47	0.	7497.	5201.	395067.	0.	15781.	1168.	0.	6164.	0.	5866.	650.
1950	12	.44	0.	5805.	16167.	366265.	0.	15654.	574.	0.	6114.	0.	5804.	650.
1951	1	.40	0.	4516.	15812.	339256.	0.	15336.	428.	0.	5990.	0.	5852.	650.
1951	2	.38	0.	1830.	14170.	317270.	229.	14065.	283.	0.	5494.	0.	5903.	650.
1951	3	.34	0.	3319.	20707.	284495.	793.	17052.	339.	4128.	6661.	0.	5884.	4489.
1951	4	.29	0.	5414.	25496.	242813.	1008.	17857.	663.	8091.	6975.	0.	5776.	8175.
1951	5	.35	60288.	2212.	7332.	290459.	41567.	18471.	499.	29876.	7215.	0.	5828.	28435.
1951	6	.47	35876.	4462.	1406.	319873.	110767.	19170.	2270.	13454.	7488.	0.	83106.	13162.
1951	7	.42	0.	11807.	1406.	306066.	0.	21734.	7574.	0.	8489.	0.	55205.	650.
1951	8	.37	0.	13216.	1406.	290850.	0.	21712.	6130.	0.	8481.	0.	28768.	650.
1951	9	.59	50417.	-812.	1406.	340080.	168500.	17751.	391.	19426.	6934.	0.	161106.	18716.
1951	10	.56	6225.	5771.	1406.	338534.	13728.	17243.	6193.	9962.	6735.	0.	142842.	9915.
1951	11	.54	393.	3207.	1406.	333720.	1571.	15781.	2246.	0.	6164.	0.	127792.	650.
1951	12	.51	0.	4177.	1406.	327543.	306.	15654.	3383.	0.	6114.	0.	110467.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1952	1	.49	0.	4295.	1406.	321248.	922.	15336.	3226.	0.	5990.	0.	94232.	650.
1952	2	.48	6769.	1812.	1406.	324205.	6813.	14065.	1898.	0.	5494.	0.	86487.	650.
1952	3	.45	1633.	4275.	1406.	319563.	0.	17052.	3344.	4128.	6661.	0.	63369.	4489.
1952	4	.43	6853.	3443.	1406.	320973.	9761.	17857.	1191.	8091.	6975.	0.	47396.	8175.
1952	5	.41	13278.	3967.	1406.	328284.	21222.	18471.	2346.	29876.	7215.	0.	19330.	28435.
1952	6	.45	4251.	7452.	1406.	323083.	73717.	19170.	3354.	13454.	7488.	0.	58476.	13162.
1952	7	.42	0.	8649.	1406.	312434.	10726.	21734.	3144.	0.	8489.	0.	45730.	650.
1952	8	.37	0.	13376.	1406.	297058.	198.	21712.	4883.	0.	8481.	0.	20739.	650.
1952	9	.34	0.	3574.	4442.	287166.	17513.	17751.	-552.	19426.	6934.	0.	6068.	18716.
1952	10	.29	0.	7898.	27768.	239769.	0.	17243.	934.	9962.	6735.	0.	5696.	9915.
1952	11	.26	0.	796.	15171.	217392.	979.	15781.	94.	0.	6164.	0.	5971.	650.
1952	12	.24	0.	1241.	14351.	195737.	1484.	15654.	229.	0.	6114.	0.	5923.	650.
1953	1	.21	0.	3239.	13665.	173059.	2080.	15336.	504.	0.	5990.	0.	5828.	650.
1953	2	.19	0.	1291.	13395.	152714.	968.	14065.	189.	0.	5494.	0.	5936.	650.
1953	3	.15	0.	2806.	20310.	121017.	1254.	17052.	486.	4128.	6661.	0.	5834.	4489.
1953	4	.12	446.	2254.	13532.	99960.	12888.	17857.	465.	8091.	6975.	0.	5840.	8175.
1953	5	.18	31122.	2125.	1406.	126958.	68114.	18471.	1183.	29876.	7215.	0.	25829.	28435.
1953	6	.12	0.	5779.	14902.	99980.	0.	19170.	2283.	13454.	7488.	0.	5824.	13162.
1953	7	.08	5.	5215.	22644.	62559.	48.	21734.	1155.	0.	8489.	0.	5628.	650.
1953	8	.11	12604.	1839.	1406.	71325.	33348.	21712.	32.	0.	8481.	0.	18638.	650.
1953	9	.49	180066.	2760.	1406.	246631.	268221.	17751.	5784.	0.	6934.	70631.	174673.	66337.
1953	10	.53	30721.	-1018.	1406.	276370.	47881.	17243.	-5005.	0.	6735.	27087.	174673.	25841.
1953	11	.52	1255.	4346.	1406.	271279.	33853.	15781.	5390.	0.	6164.	14088.	174673.	13751.
1953	12	.50	67.	3115.	1406.	266232.	219.	15654.	3136.	0.	6114.	0.	157508.	650.
1954	1	.47	14.	2782.	1406.	261464.	1499.	15336.	2918.	0.	5990.	0.	142159.	650.
1954	2	.45	0.	4614.	1406.	254850.	1373.	14065.	4754.	0.	5494.	0.	126119.	650.
1954	3	.41	0.	5376.	1406.	247474.	1263.	17052.	4993.	4128.	6661.	0.	102614.	4489.
1954	4	.39	6098.	2945.	1406.	248627.	5848.	17857.	2298.	8091.	6975.	0.	81622.	8175.
1954	5	.33	6606.	4775.	1406.	248457.	3015.	18471.	3354.	29876.	7215.	0.	34341.	28435.
1954	6	.36	19590.	6134.	1406.	259913.	48472.	19170.	2305.	13454.	7488.	0.	49290.	13162.
1954	7	.48	932.	9568.	1406.	249277.	138607.	21734.	8562.	0.	8489.	0.	159007.	650.
1954	8	.43	0.	10511.	1406.	236767.	1101.	21712.	10810.	0.	8481.	0.	128991.	650.
1954	9	.37	0.	8034.	1406.	226733.	3468.	17751.	6367.	19426.	6934.	0.	90321.	18716.
1954	10	.34	1103.	5100.	1406.	220735.	10715.	17243.	2642.	9962.	6735.	0.	72595.	9915.
1954	11	.33	477.	3217.	1406.	215995.	11152.	15781.	2575.	0.	6164.	0.	66797.	650.
1954	12	.30	0.	4428.	1406.	209567.	271.	15654.	3361.	0.	6114.	0.	49459.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*							
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.28	0.	1992.	1406.	205575.	526.	15336.	1327.	0.	5990.	0.	34727.	650.
1955	2	.27	1446.	1480.	1406.	203542.	6468.	14065.	976.	0.	5494.	0.	27560.	650.
1955	3	.24	0.	4753.	397.	198223.	791.	17052.	1527.	4128.	6661.	0.	6041.	4489.
1955	4	.19	0.	5416.	26361.	155310.	102.	17857.	829.	8091.	6975.	0.	5727.	8175.
1955	5	.16	28501.	3906.	33685.	131989.	15534.	18471.	898.	29876.	7215.	0.	5700.	28435.
1955	6	.13	2412.	6505.	18284.	101887.	15543.	19170.	1323.	13454.	7488.	0.	5580.	13162.
1955	7	.09	97.	6072.	19335.	68408.	3804.	21734.	1439.	0.	8489.	0.	5546.	650.
1955	8	.06	3584.	3796.	16136.	45243.	6838.	21712.	1199.	0.	8481.	0.	5609.	650.
1955	9	.04	1509.	1891.	11673.	28257.	25937.	17751.	56.	19426.	6934.	0.	5985.	18716.
1955	10	.05	2320.	1929.	1406.	26648.	38360.	17243.	1501.	9962.	6735.	0.	17045.	9915.
1955	11	.03	0.	1058.	4466.	19236.	1284.	15781.	1122.	0.	6164.	0.	5892.	650.
1955	12	.01	0.	416.	11280.	2818.	980.	15654.	383.	0.	6114.	0.	2115.	650.
1956	1	.00	0.	77.	0.	2741.	968.	15336.	110.	0.	5990.	0.	0.	274.
1956	2	.00	0.	98.	0.	2643.	481.	14065.	0.	0.	5494.	0.	0.	271.
1956	3	.00	0.	142.	0.	2501.	655.	17052.	0.	4128.	6661.	0.	0.	210.
1956	4	.00	0.	134.	0.	2368.	4634.	17857.	0.	8091.	6975.	0.	0.	1474.
1956	5	.01	3515.	217.	0.	5666.	18578.	18471.	0.	29876.	7215.	0.	0.	10910.
1956	6	.00	907.	364.	2464.	2818.	2948.	19170.	0.	13454.	7488.	0.	0.	2118.
1956	7	.01	2952.	467.	0.	5303.	6926.	21734.	0.	0.	8489.	0.	0.	12.
1956	8	.01	17679.	461.	13949.	2818.	11600.	21712.	617.	0.	8481.	0.	3219.	650.
1956	9	.02	16880.	876.	0.	18822.	27107.	17751.	411.	19426.	6934.	0.	0.	15065.
1956	10	.04	11668.	1036.	1406.	27454.	36895.	17243.	512.	9962.	6735.	0.	10584.	9915.
1956	11	.02	0.	829.	10426.	11794.	1378.	15781.	812.	0.	6164.	0.	5794.	650.
1956	12	.01	0.	231.	4797.	4740.	11256.	15654.	263.	0.	6114.	0.	5930.	650.
1957	1	.00	0.	147.	1281.	2818.	553.	15336.	350.	0.	5990.	0.	0.	409.
1957	2	.00	0.	58.	0.	2760.	1891.	14065.	0.	0.	5494.	0.	0.	310.
1957	3	.01	4752.	124.	0.	7388.	24663.	17052.	164.	4128.	6661.	0.	3319.	4489.
1957	4	.20	77221.	-137.	1406.	82747.	110808.	17857.	-1776.	8091.	6975.	0.	91360.	8175.
1957	5	.47	141326.	-104.	1406.	222176.	478579.	18471.	-2310.	0.	7215.	350635.	174673.	326740.
1957	6	.58	101364.	5196.	1406.	316344.	402936.	19170.	3080.	0.	7488.	368638.	174673.	343483.
1957	7	.52	35.	12841.	1406.	301538.	2993.	21734.	13460.	0.	8489.	0.	143878.	650.
1957	8	.47	0.	12023.	1406.	287515.	354.	21712.	11045.	0.	8481.	0.	112881.	650.
1957	9	.57	32902.	4425.	1406.	313993.	106256.	17751.	4203.	14936.	6934.	4490.	174673.	18716.
1957	10	.63	54599.	3559.	1406.	363032.	78496.	17243.	6160.	0.	6735.	46537.	174673.	43929.
1957	11	.64	8838.	-1244.	1406.	371114.	38190.	15781.	-1540.	0.	6164.	25355.	174673.	24230.
1957	12	.62	2601.	3211.	1406.	368504.	2676.	15654.	3881.	0.	6114.	0.	159219.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	.76	100716.	-3073.	1406.	470293.	239830.	15336.	-6160.	0.	5990.	216606.	174673.	202094.
1958	2	.89	111709.	-3484.	1406.	583486.	283699.	14065.	-6353.	0.	5494.	277392.	174673.	258625.
1958	3	.91	23248.	3980.	1406.	600755.	166446.	17052.	2503.	0.	6661.	144169.	174673.	134727.
1958	4	.87	3004.	4717.	1406.	597041.	1525.	17857.	4671.	8091.	6975.	0.	146984.	8175.
1958	5	.86	14420.	2603.	1406.	606858.	31400.	18471.	2917.	29876.	7215.	0.	128525.	28435.
1958	6	.87	50387.	10925.	1406.	644320.	5901.	19170.	6064.	13454.	7488.	0.	97144.	13162.
1958	7	.95	15530.	18280.	1406.	639570.	102371.	21734.	11423.	0.	8489.	0.	167764.	650.
1958	8	.88	20.	18525.	1406.	619065.	0.	21712.	12819.	0.	8481.	0.	134639.	650.
1958	9	.94	53205.	-3475.	1406.	673744.	25250.	17751.	-6633.	19426.	6934.	0.	130751.	18716.
1958	10	1.00	43294.	-5147.	31087.	677964.	217084.	17243.	-5968.	0.	6735.	183012.	174673.	170851.
1958	11	1.00	41388.	4632.	25840.	677964.	167157.	15781.	3850.	0.	6164.	173365.	174673.	161880.
1958	12	1.00	8202.	2831.	3776.	677964.	13568.	15654.	1345.	0.	6114.	345.	174673.	971.
1959	1	.99	2750.	5899.	1406.	672815.	23618.	15336.	3273.	0.	5990.	6415.	174673.	6616.
1959	2	.99	1409.	-1791.	1406.	674015.	3436.	14065.	-3060.	0.	5494.	0.	168510.	650.
1959	3	.95	590.	8900.	1406.	663705.	6481.	17052.	5517.	4128.	6661.	0.	149700.	4489.
1959	4	.91	415.	5287.	1406.	656833.	0.	17857.	3366.	8091.	6975.	0.	121791.	8175.
1959	5	.85	1411.	5751.	1406.	650493.	4796.	18471.	3692.	29876.	7215.	0.	75954.	28435.
1959	6	.84	23818.	7283.	1406.	665028.	7775.	19170.	2994.	13454.	7488.	0.	49516.	13162.
1959	7	.86	22218.	15983.	1406.	669263.	45138.	21734.	6594.	0.	8489.	0.	67733.	650.
1959	8	.83	374.	14366.	1406.	653271.	9454.	21712.	3884.	0.	8481.	0.	52996.	650.
1959	9	.77	1472.	12661.	1406.	640082.	2280.	17751.	3114.	19426.	6934.	0.	16391.	18716.
1959	10	1.00	69467.	4339.	19154.	677964.	231751.	17243.	1698.	0.	6735.	63720.	174673.	59910.
1959	11	.99	5459.	5397.	1406.	676026.	15880.	15781.	5289.	0.	6164.	0.	170889.	650.
1959	12	.97	615.	4857.	1406.	669784.	6660.	15654.	3491.	0.	6114.	0.	159810.	650.
1960	1	.96	712.	3300.	1406.	665196.	6637.	15336.	1589.	0.	5990.	0.	150928.	650.
1960	2	.94	933.	3282.	1406.	660847.	6094.	14065.	1191.	0.	5494.	0.	143171.	650.
1960	3	.92	556.	4019.	1406.	655383.	4774.	17052.	1921.	4128.	6661.	0.	126250.	4489.
1960	4	.88	3919.	6498.	1406.	650805.	0.	17857.	3539.	8091.	6975.	0.	98169.	8175.
1960	5	.81	697.	8928.	1406.	640574.	0.	18471.	3306.	29876.	7215.	0.	47921.	28435.
1960	6	.81	8139.	8867.	1406.	637846.	36056.	19170.	2974.	13454.	7488.	0.	49785.	13162.
1960	7	.79	2007.	9788.	1406.	628065.	21907.	21734.	4988.	0.	8489.	0.	46377.	650.
1960	8	.84	23250.	5645.	1406.	643669.	46113.	21712.	2062.	0.	8481.	0.	70121.	650.
1960	9	.80	1645.	13024.	1406.	630290.	22454.	17751.	3913.	19426.	6934.	0.	52890.	18716.
1960	10	.97	26393.	-3467.	1406.	658150.	140197.	17243.	-5085.	9962.	6735.	0.	172373.	9915.
1960	11	.99	17115.	2276.	1406.	670989.	78733.	15781.	1348.	0.	6164.	60710.	174673.	57111.
1960	12	1.00	6656.	-2305.	1406.	677950.	52666.	15654.	-5583.	0.	6114.	44001.	174673.	41571.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1961	1	1.00	4864.	772.	2867.	677964.	42256.	15336.	385.	0.	5990.	29402.	174673.	27994.
1961	2	1.00	16221.	257.	11222.	677964.	51823.	14065.	-578.	0.	5494.	49558.	174673.	46739.
1961	3	.98	2221.	6152.	1406.	672033.	9629.	17052.	4801.	4128.	6661.	0.	159726.	4489.
1961	4	.96	13295.	3593.	2651.	677964.	8815.	17857.	3274.	8091.	6975.	0.	141970.	8175.
1961	5	.88	0.	12743.	1406.	663221.	0.	18471.	7250.	29876.	7215.	0.	87778.	28435.
1961	6	.97	76005.	6176.	38726.	677964.	55645.	19170.	2773.	13454.	7488.	0.	146751.	13162.
1961	7	.95	4774.	11006.	1406.	669732.	22418.	21734.	6957.	0.	8489.	0.	141885.	650.
1961	8	.94	1034.	12874.	1406.	655892.	32464.	21712.	7920.	0.	8481.	0.	146123.	650.
1961	9	.88	0.	11697.	1406.	642195.	3812.	17751.	4755.	19426.	6934.	0.	109408.	18716.
1961	10	.85	897.	7380.	1406.	633713.	13017.	17243.	5934.	9962.	6735.	0.	90692.	9915.
1961	11	.83	514.	734.	1406.	631493.	4065.	15781.	1108.	0.	6164.	0.	79274.	650.
1961	12	.81	400.	2925.	1406.	626968.	20.	15654.	1813.	0.	6114.	0.	63233.	650.
1962	1	.79	889.	3880.	1406.	621977.	0.	15336.	1874.	0.	5990.	0.	47429.	650.
1962	2	.76	517.	6502.	1406.	613992.	0.	14065.	2150.	0.	5494.	0.	32620.	650.
1962	3	.72	242.	7396.	1406.	604838.	0.	17052.	1437.	4128.	6661.	0.	11409.	4489.
1962	4	.68	273.	5125.	20788.	570415.	0.	17857.	331.	8091.	6975.	0.	5918.	8175.
1962	5	.58	814.	11365.	49003.	490158.	0.	18471.	857.	29876.	7215.	0.	5716.	28435.
1962	6	.59	6471.	3979.	1406.	490651.	34565.	19170.	350.	13454.	7488.	0.	8713.	13162.
1962	7	.53	0.	17555.	20367.	444124.	0.	21734.	1781.	0.	8489.	0.	5566.	650.
1962	8	.47	0.	15001.	23003.	396402.	0.	21712.	1264.	0.	8481.	0.	5591.	650.
1962	9	.44	0.	5807.	17745.	365354.	20186.	17751.	529.	19426.	6934.	0.	5816.	18716.
1962	10	.38	0.	8514.	28052.	316936.	0.	17243.	987.	9962.	6735.	0.	5675.	9915.
1962	11	.35	0.	3020.	16477.	290479.	0.	15781.	567.	0.	6164.	0.	5804.	650.
1962	12	.32	0.	-152.	15248.	268941.	680.	15654.	114.	0.	6114.	0.	5964.	650.
1963	1	.30	0.	2594.	13677.	246892.	1908.	15336.	322.	0.	5990.	0.	5890.	650.
1963	2	.28	639.	685.	9782.	232932.	4568.	14065.	265.	0.	5494.	0.	5910.	650.
1963	3	.24	0.	4100.	19685.	200831.	1966.	17052.	575.	4128.	6661.	0.	5804.	4489.
1963	4	.19	0.	3650.	26639.	159288.	0.	17857.	747.	8091.	6975.	0.	5748.	8175.
1963	5	.13	3745.	3502.	37573.	106085.	11579.	18471.	831.	29876.	7215.	0.	5721.	28435.
1963	6	.22	17037.	3369.	1406.	117753.	98346.	19170.	4271.	13454.	7488.	0.	68578.	13162.
1963	7	.18	2159.	5323.	1406.	112589.	0.	21734.	6348.	0.	8489.	0.	41903.	650.
1963	8	.14	0.	6914.	1406.	103675.	0.	21712.	4344.	0.	8481.	0.	17252.	650.
1963	9	.08	584.	3199.	27111.	62496.	0.	17751.	1393.	19426.	6934.	0.	5793.	18716.
1963	10	.03	591.	1786.	28002.	21468.	0.	17243.	884.	9962.	6735.	0.	5705.	9915.
1963	11	.04	2435.	264.	1406.	21639.	22743.	15781.	626.	0.	6164.	0.	13448.	650.
1963	12	.03	2012.	168.	4653.	16864.	3787.	15654.	279.	0.	6114.	0.	5954.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.00	0.	122.	9800.	2818.	0.	15336.	135.	0.	5990.	0.	282.	650.
1964	2	.00	0.	27.	0.	2791.	0.	14065.	2.	0.	5494.	0.	0.	266.
1964	3	.00	965.	68.	0.	3688.	1304.	17052.	0.	4128.	6661.	0.	0.	345.
1964	4	.00	0.	151.	538.	2818.	0.	17857.	0.	8091.	6975.	0.	0.	187.
1964	5	.00	145.	68.	0.	2895.	2318.	18471.	0.	29876.	7215.	0.	0.	1338.
1964	6	.00	2673.	220.	1825.	2818.	2220.	19170.	0.	13454.	7488.	0.	0.	1563.
1964	7	.00	105.	247.	0.	2676.	1749.	21734.	0.	0.	8489.	0.	0.	-211.
1964	8	.01	3302.	349.	0.	5629.	23105.	21712.	197.	0.	8481.	0.	1195.	650.
1964	9	.16	681.	277.	1406.	4034.	170057.	17751.	1111.	19426.	6934.	0.	134370.	18716.
1964	10	.22	7568.	432.	1406.	9169.	226270.	17243.	3465.	0.	6735.	156702.	174673.	146383.
1964	11	.20	8739.	615.	1406.	15294.	4570.	15781.	6957.	0.	6164.	0.	157911.	650.
1964	12	.18	0.	243.	1406.	13051.	0.	15654.	1551.	0.	6114.	0.	142112.	650.
1965	1	.16	508.	133.	1406.	11426.	0.	15336.	2074.	0.	5990.	0.	126108.	650.
1965	2	.15	4438.	-292.	1406.	14157.	0.	14065.	-2567.	0.	5494.	0.	116016.	650.
1965	3	.17	0.	314.	1406.	11843.	39687.	17052.	2131.	4128.	6661.	0.	133797.	4489.
1965	4	.14	6634.	424.	1406.	16054.	0.	17857.	4405.	8091.	6975.	0.	104850.	8175.
1965	5	.30	68285.	-933.	1406.	83271.	131459.	18471.	-2416.	12767.	7215.	17110.	174673.	28435.
1965	6	.30	2048.	2758.	1406.	80561.	44496.	19170.	9509.	9685.	7488.	3768.	174673.	13162.
1965	7	.26	0.	4659.	1406.	73902.	8478.	21734.	13452.	0.	8489.	0.	149372.	650.
1965	8	.22	0.	3989.	1406.	67913.	0.	21712.	10747.	0.	8481.	0.	118318.	650.
1965	9	.16	0.	2961.	1406.	62953.	0.	17751.	7233.	19426.	6934.	0.	75314.	18716.
1965	10	.13	1400.	1045.	1406.	61308.	0.	17243.	2335.	9962.	6735.	0.	47180.	9915.
1965	11	.11	111.	847.	1406.	58572.	1794.	15781.	1714.	0.	6164.	0.	32885.	650.
1965	12	.10	4202.	-395.	1406.	61169.	5880.	15654.	-58.	0.	6114.	0.	24575.	650.
1966	1	.08	0.	-911.	1406.	60080.	0.	15336.	-164.	0.	5990.	0.	10808.	650.
1966	2	.06	2307.	210.	9299.	48949.	0.	14065.	50.	0.	5494.	0.	5992.	650.
1966	3	.03	16.	257.	21389.	18282.	0.	17052.	304.	4128.	6661.	0.	5897.	4489.
1966	4	.05	16583.	329.	1406.	32536.	27683.	17857.	-380.	8091.	6975.	0.	9417.	8175.
1966	5	.26	18314.	-85.	1406.	48935.	206958.	18471.	-3089.	29876.	7215.	0.	172522.	28435.
1966	6	.27	9218.	1167.	1406.	54986.	34719.	19170.	192.	12296.	7488.	1158.	174673.	13162.
1966	7	.23	694.	2322.	1406.	51358.	0.	21734.	6976.	0.	8489.	0.	147369.	650.
1966	8	.22	10761.	2934.	1406.	57185.	5490.	21712.	3248.	0.	8481.	0.	129305.	650.
1966	9	.23	20929.	1579.	1406.	74535.	31194.	17751.	3792.	19426.	6934.	0.	120935.	18716.
1966	10	.19	469.	2502.	1406.	70502.	1424.	17243.	6502.	9962.	6735.	0.	90058.	9915.
1966	11	.16	0.	873.	1406.	67629.	189.	15781.	4865.	0.	6164.	0.	71006.	650.
1966	12	.14	0.	1458.	1406.	64171.	0.	15654.	2673.	0.	6114.	0.	54085.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.12	0.	877.	1406.	61294.	11.	15336.	518.	0.	5990.	0.	39648.	650.
1967	2	.10	146.	340.	1406.	59100.	726.	14065.	1151.	0.	5494.	0.	26563.	650.
1967	3	.08	0.	495.	1406.	56605.	2978.	17052.	1227.	4128.	6661.	0.	8539.	4489.
1967	4	.04	626.	760.	18268.	30486.	5725.	17857.	814.	8091.	6975.	0.	5770.	8175.
1967	5	.00	4246.	295.	22240.	2818.	14105.	18471.	261.	29876.	7215.	0.	0.	24612.
1967	6	.00	0.	230.	0.	2588.	0.	19170.	0.	13454.	7488.	0.	0.	-79.
1967	7	.00	11.	268.	0.	2331.	0.	21734.	0.	0.	8489.	0.	0.	-287.
1967	8	.03	8928.	411.	1406.	8849.	41103.	21712.	117.	0.	8481.	0.	20680.	650.
1967	9	.61	339587.	1918.	1406.	344518.	1392125.	17751.	-5005.	0.	6934.	1207365.	174673.	1123500.
1967	10	.63	24578.	2265.	1406.	364831.	182132.	17243.	578.	0.	6735.	155755.	174673.	145502.
1967	11	.64	13260.	1783.	1406.	374308.	15874.	15781.	4362.	0.	6164.	0.	171810.	650.
1967	12	.64	2223.	1077.	1406.	373453.	23723.	15654.	4195.	0.	6114.	2418.	174673.	2898.
1968	1	.75	95143.	1153.	1406.	465444.	150581.	15336.	-578.	0.	5990.	137228.	174673.	128272.
1968	2	.76	9962.	-1228.	1406.	474634.	28779.	14065.	578.	0.	5494.	15542.	174673.	15104.
1968	3	.75	8635.	413.	1406.	480856.	10619.	17052.	3535.	4128.	6661.	0.	161982.	4489.
1968	4	.74	6405.	1038.	1406.	484223.	10090.	17857.	2964.	8091.	6975.	0.	144566.	8175.
1968	5	.90	110820.	1542.	1406.	591501.	203818.	18471.	385.	0.	7215.	126384.	174673.	118187.
1968	6	.89	7493.	9106.	1406.	587888.	26124.	19170.	2077.	13454.	7488.	0.	167502.	13162.
1968	7	.88	17116.	10512.	1406.	592492.	18890.	21734.	4744.	0.	8489.	0.	161320.	650.
1968	8	.84	391.	11394.	1406.	579489.	4642.	21712.	11013.	0.	8481.	0.	134642.	650.
1968	9	.81	3276.	1385.	1406.	579380.	14343.	17751.	5472.	19426.	6934.	0.	107742.	18716.
1968	10	.78	128.	5975.	1406.	571534.	11916.	17243.	536.	9962.	6735.	0.	93322.	9915.
1968	11	.75	0.	7735.	1406.	561798.	3199.	15781.	4642.	0.	6164.	0.	77504.	650.
1968	12	.73	542.	4510.	1406.	555831.	6309.	15654.	2503.	0.	6114.	0.	67062.	650.
1969	1	.71	77.	2242.	1406.	551666.	2235.	15336.	1797.	0.	5990.	0.	53571.	650.
1969	2	.72	3657.	224.	1406.	553099.	18255.	14065.	-4699.	0.	5494.	0.	63865.	650.
1969	3	.69	171.	5798.	1406.	545472.	703.	17052.	1255.	4128.	6661.	0.	43538.	4489.
1969	4	.67	868.	1774.	1406.	542566.	10353.	17857.	1360.	8091.	6975.	0.	27988.	8175.
1969	5	.64	2122.	-665.	1135.	543739.	25774.	18471.	550.	29876.	7215.	0.	6000.	28435.
1969	6	.59	142.	7797.	25680.	499556.	7705.	19170.	1117.	13454.	7488.	0.	5643.	13162.
1969	7	.55	0.	14303.	15775.	462814.	6979.	21734.	993.	0.	8489.	0.	5670.	650.
1969	8	.50	1233.	12877.	22147.	419666.	243.	21712.	531.	0.	8481.	0.	5816.	650.
1969	9	.45	916.	4089.	29778.	374134.	8103.	17751.	783.	19426.	6934.	0.	5737.	18716.
1969	10	.55	51775.	7602.	1406.	416307.	78055.	17243.	2531.	9962.	6735.	0.	55462.	9915.
1969	11	.63	12341.	5756.	1406.	420892.	71630.	15781.	0.	0.	6164.	0.	112716.	650.
1969	12	.65	3358.	4418.	1406.	417832.	39811.	15654.	2275.	0.	6114.	0.	136004.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN5 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1970	1	.64	1710.	1913.	1406.	415629.	9766.	15336.	-321.	0.	5990.	0.	132160.	650.
1970	2	.63	811.	2857.	1406.	411583.	5172.	14065.	2157.	0.	5494.	0.	122516.	650.
1970	3	.63	6292.	3800.	1406.	412075.	24066.	17052.	2564.	4128.	6661.	0.	124243.	4489.
1970	4	.59	486.	4730.	1406.	405831.	3688.	17857.	3951.	8091.	6975.	0.	99438.	8175.
1970	5	.65	36107.	6150.	1406.	433787.	64168.	18471.	-983.	29876.	7215.	0.	117648.	28435.
1970	6	.73	29094.	10905.	1406.	449976.	157117.	19170.	1925.	0.	7488.	66948.	174673.	62912.
1970	7	.69	1107.	10537.	1406.	438546.	5205.	21734.	10337.	0.	8489.	0.	149213.	650.
1970	8	.66	1899.	8046.	1406.	430399.	12541.	21712.	7666.	0.	8481.	0.	133782.	650.
1970	9	.63	7595.	-9664.	1406.	445658.	185.	17751.	2873.	19426.	6934.	0.	95322.	18716.
1970	10	.62	3504.	5959.	1406.	441203.	22639.	17243.	5287.	9962.	6735.	0.	86875.	9915.
1970	11	.59	396.	5912.	1406.	433688.	1254.	15781.	4336.	0.	6164.	0.	69418.	650.
1970	12	.57	372.	5267.	1406.	426793.	4778.	15654.	2792.	0.	6114.	0.	57155.	650.
1971	1	.54	349.	5408.	1406.	419733.	1278.	15336.	2662.	0.	5990.	0.	41841.	650.
1971	2	.52	33.	4400.	1406.	413366.	511.	14065.	1533.	0.	5494.	0.	28159.	650.
1971	3	.48	0.	8509.	772.	403759.	20.	17052.	1731.	4128.	6661.	0.	6039.	4489.
1971	4	.45	0.	5703.	15358.	376209.	10911.	17857.	544.	8091.	6975.	0.	5816.	8175.
1971	5	.36	0.	6605.	48985.	299924.	54.	18471.	765.	29876.	7215.	0.	5742.	28435.
1971	6	.30	3185.	5110.	33362.	250543.	0.	19170.	727.	13454.	7488.	0.	5753.	13162.
1971	7	.49	5500.	10076.	1406.	243967.	300281.	21734.	11843.	0.	8489.	99191.	174673.	92898.
1971	8	.83	290383.	3477.	1406.	528873.	415914.	21712.	-4235.	0.	8481.	399843.	174673.	372504.
1971	9	.85	23578.	-442.	1406.	550892.	608695.	17751.	-20406.	0.	6934.	593330.	174673.	552447.
1971	10	.98	116320.	1190.	1406.	664022.	830575.	17243.	-578.	0.	6735.	805353.	174673.	749629.
1971	11	.99	15576.	6852.	1406.	670746.	75047.	15781.	6160.	0.	6164.	54512.	174673.	51346.
1971	12	.99	7241.	2554.	1406.	673433.	23125.	15654.	1348.	0.	6114.	7529.	174673.	7652.
1972	1	1.00	4631.	2047.	1406.	674017.	16951.	15336.	1540.	0.	5990.	1481.	174673.	2027.
1972	2	.99	3483.	3324.	1406.	672176.	8422.	14065.	2642.	0.	5494.	0.	167793.	650.
1972	3	.95	1924.	7623.	1406.	664477.	6502.	17052.	5153.	4128.	6661.	0.	149368.	4489.
1972	4	.91	1135.	8305.	1406.	655307.	0.	17857.	2571.	8091.	6975.	0.	122255.	8175.
1972	5	.99	20067.	2021.	1406.	671353.	152097.	18471.	-4428.	0.	7215.	57165.	174673.	53813.
1972	6	.96	2096.	7110.	1406.	664339.	11320.	19170.	3813.	13454.	7488.	0.	150962.	13162.
1972	7	.92	386.	8551.	1406.	654173.	4209.	21734.	5380.	0.	8489.	0.	129463.	650.
1972	8	.90	3247.	9715.	1406.	645706.	19160.	21712.	6785.	0.	8481.	0.	121532.	650.
1972	9	.91	23639.	6997.	1406.	660348.	30552.	17751.	3492.	19426.	6934.	0.	112821.	18716.
1972	10	.87	2430.	8276.	1406.	652502.	4828.	17243.	1879.	9962.	6735.	0.	89970.	9915.
1972	11	.85	1137.	2742.	1406.	648897.	0.	15781.	2287.	0.	6164.	0.	73308.	650.
1972	12	.82	1565.	4467.	1406.	643994.	0.	15654.	2285.	0.	6114.	0.	56775.	650.

CONDITIONAL PROBABILITY MODELING RUNS ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1973	1	.80	2164.	1484.	1406.	642674.	0.	15336.	811.	0.	5990.	0.	42034.	650.
1973	2	.79	3352.	-495.	1406.	644521.	0.	14065.	138.	0.	5494.	0.	29237.	650.
1973	3	.76	2467.	5681.	1406.	639306.	4138.	17052.	1120.	4128.	6661.	0.	12481.	4489.
1973	4	.76	8327.	2218.	3537.	640384.	16349.	17857.	478.	8091.	6975.	0.	5940.	8175.
1973	5	.67	1626.	9732.	44543.	568917.	4294.	18471.	648.	29876.	7215.	0.	5781.	28435.
1973	6	.90	29452.	2082.	1406.	594287.	248540.	19170.	-19848.	0.	7488.	68278.	174673.	64148.
1973	7	1.00	106563.	10369.	8799.	677964.	38985.	21734.	9240.	0.	8489.	16810.	174673.	16284.
1973	8	1.00	22079.	9264.	9009.	677964.	13921.	21712.	2672.	0.	8481.	0.	173218.	650.
1973	9	1.00	45440.	3088.	29774.	677964.	36310.	17751.	-2888.	0.	6934.	30339.	174673.	28865.
1973	10	1.00	87828.	3088.	59572.	677964.	394483.	17243.	-7893.	0.	6735.	434743.	174673.	404961.
1973	11	1.00	15714.	8235.	5258.	677964.	59692.	15781.	6738.	0.	6164.	42431.	174673.	40111.
1973	12	1.00	8399.	8225.	1406.	676138.	19639.	15654.	6628.	0.	6114.	0.	173436.	650.
1974	1	.99	7266.	2058.	2378.	677964.	7505.	15336.	-190.	0.	5990.	0.	168172.	650.
1974	2	.97	5165.	7952.	1406.	673177.	0.	14065.	5690.	0.	5494.	0.	149823.	650.
1974	3	1.00	14442.	3344.	4436.	677964.	37816.	17052.	-2379.	4128.	6661.	0.	173274.	4489.
1974	4	.96	3030.	8960.	1406.	670034.	3992.	17857.	7447.	8091.	6975.	0.	145277.	8175.
1974	5	.92	10227.	7136.	1406.	671125.	17679.	18471.	4014.	29876.	7215.	0.	112000.	28435.
1974	6	.87	3596.	12408.	1406.	660313.	2196.	19170.	2479.	13454.	7488.	0.	80499.	13162.
1974	7	.82	722.	14981.	1406.	644054.	1080.	21734.	7065.	0.	8489.	0.	54186.	650.
1974	8	.92	31134.	6263.	1406.	666925.	83900.	21712.	1843.	0.	8481.	0.	115937.	650.
1974	9	1.00	71154.	7463.	37015.	677964.	121077.	17751.	-1540.	0.	6934.	63718.	174673.	59908.
1974	10	.97	8348.	5404.	2070.	677964.	7271.	17243.	4723.	9962.	6735.	0.	152085.	9915.
1974	11	.98	7564.	2831.	3328.	677964.	17467.	15781.	2445.	0.	6164.	0.	154654.	650.
1974	12	.97	6587.	3345.	2279.	677964.	6655.	15654.	1897.	0.	6114.	0.	146036.	650.
1975	1	.95	6410.	4117.	1612.	677964.	5940.	15336.	1982.	0.	5990.	0.	136270.	650.
1975	2	.96	21313.	4117.	12089.	677964.	5572.	14065.	3377.	0.	5494.	0.	136488.	650.
1975	3	.93	5529.	7699.	1406.	673794.	4898.	17052.	4878.	4128.	6661.	0.	116734.	4489.
1975	4	.89	5538.	7149.	1406.	670183.	5280.	17857.	5009.	8091.	6975.	0.	92463.	8175.
1975	5	.97	55024.	4375.	30136.	677964.	74587.	18471.	3671.	29876.	7215.	0.	145167.	28435.
1975	6	1.00	21938.	7977.	9814.	677964.	108813.	19170.	6545.	0.	7488.	49952.	174673.	47105.
1975	7	1.00	9641.	10020.	1406.	675585.	65134.	21734.	6545.	0.	8489.	38261.	174673.	36233.
1975	8	.98	4389.	11222.	1406.	666751.	13244.	21712.	2997.	0.	8481.	0.	164613.	650.
1975	9	.94	8953.	8360.	1406.	665344.	8359.	17751.	4257.	19426.	6934.	0.	132944.	18716.
1975	10	.90	4208.	8828.	1406.	658724.	3222.	17243.	5973.	9962.	6735.	0.	104394.	9915.
1975	11	.88	3788.	8268.	1406.	652245.	11398.	15781.	4903.	0.	6164.	0.	96514.	650.
1975	12	.86	3601.	4488.	1406.	649358.	0.	15654.	2250.	0.	6114.	0.	80016.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.84	3760.	5714.	1406.	645404.	4060.	15336.	2865.	0.	5990.	0.	67281.	650.
1976	2	.81	2127.	7655.	1406.	637876.	0.	14065.	3320.	0.	5494.	0.	51302.	650.
1976	3	.77	1834.	6617.	1406.	631092.	0.	17052.	2164.	4128.	6661.	0.	29364.	4489.
1976	4	.78	20234.	1971.	1406.	647356.	13739.	17857.	-1312.	8091.	6975.	0.	19872.	8175.
1976	5	.82	59994.	4353.	17598.	677964.	33205.	18471.	46.	29876.	7215.	0.	22280.	28435.
1976	6	.77	6324.	13881.	16269.	647265.	1091.	19170.	1135.	13454.	7488.	0.	5881.	13162.
1976	7	.91	65453.	4368.	21361.	677964.	89824.	21734.	-3618.	0.	8489.	0.	98952.	650.
1976	8	.94	17934.	14925.	2115.	677964.	55173.	21712.	8390.	0.	8481.	0.	126137.	650.
1976	9	1.00	9256.	7462.	1406.	677758.	96730.	17751.	4880.	11884.	6934.	7542.	174673.	18716.
1976	10	1.00	40525.	3345.	25993.	677964.	124642.	17243.	-4043.	0.	6735.	127472.	174673.	119199.
1976	11	1.00	32483.	772.	22293.	677964.	243951.	15781.	-3273.	0.	6164.	253735.	174673.	236624.
1976	12	1.00	21599.	772.	14641.	677964.	97225.	15654.	-2695.	0.	6114.	98907.	174673.	92634.
1977	1	1.00	16730.	-772.	12304.	677964.	35617.	15336.	-385.	0.	5990.	32970.	174673.	31312.
1977	2	1.00	13571.	4375.	6465.	677964.	20144.	14065.	1925.	0.	5494.	10619.	174673.	10525.
1977	3	.99	11776.	6691.	3575.	677964.	14179.	17052.	5053.	4128.	6661.	0.	166194.	4489.
1977	4	1.00	111433.	515.	77976.	677964.	198831.	17857.	3080.	0.	6975.	239299.	174673.	223198.
1977	5	1.00	33294.	5147.	19788.	677964.	66408.	18471.	3465.	0.	7215.	34383.	174673.	32626.
1977	6	.99	12575.	9521.	2147.	677964.	27814.	19170.	6881.	13454.	7488.	0.	165129.	13162.
1977	7	.94	5795.	17596.	1406.	664163.	5700.	21734.	11228.	0.	8489.	0.	139273.	650.
1977	8	.89	2698.	19279.	1406.	645582.	1209.	21712.	10956.	0.	8481.	0.	109220.	650.
1977	9	.82	3541.	14531.	1406.	632592.	527.	17751.	5105.	19426.	6934.	0.	68870.	18716.
1977	10	.79	8591.	10253.	1406.	628930.	3676.	17243.	1919.	9962.	6735.	0.	44828.	9915.
1977	11	.79	9593.	6339.	1406.	630184.	11486.	15781.	2027.	0.	6164.	0.	39912.	650.
1977	12	.77	5980.	7064.	1406.	627100.	3162.	15654.	1915.	0.	6114.	0.	26911.	650.
1978	1	.76	5806.	2190.	1406.	628716.	3460.	15336.	140.	0.	5990.	0.	16301.	650.
1978	2	.74	4363.	2436.	1373.	628690.	2605.	14065.	213.	0.	5494.	0.	6000.	650.
1978	3	.71	3175.	9093.	19150.	595531.	2511.	17052.	721.	4128.	6661.	0.	5759.	4489.
1978	4	.66	2327.	7359.	23691.	556799.	2825.	17857.	499.	8091.	6975.	0.	5828.	8175.
1978	5	.58	2174.	9540.	42783.	488576.	6305.	18471.	852.	29876.	7215.	0.	5716.	28435.
1978	6	.67	61248.	7522.	1406.	540301.	60626.	19170.	1331.	13454.	7488.	0.	33793.	13162.
1978	7	.64	1979.	13814.	1406.	526466.	5918.	21734.	3744.	0.	8489.	0.	15639.	650.
1978	8	.71	53621.	8905.	1406.	569182.	42129.	21712.	2759.	0.	8481.	0.	34703.	650.
1978	9	.75	22565.	3226.	1406.	586521.	49909.	17751.	78.	19426.	6934.	0.	48762.	18716.
1978	10	.71	1915.	7183.	1406.	579253.	704.	17243.	1419.	9962.	6735.	0.	22248.	9915.
1978	11	.69	2640.	2766.	1406.	577127.	5503.	15781.	756.	0.	6164.	0.	12620.	650.
1978	12	.67	2510.	3203.	7427.	565869.	1894.	15654.	376.	0.	6114.	0.	5912.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1979	1	.66	5066.	226.	7793.	559624.	7516.	15336.	-195.	0.	5990.	0.	6079.	650.
1979	2	.65	3035.	1790.	11675.	544262.	2342.	14065.	39.	0.	5494.	0.	5992.	650.
1979	3	.62	11232.	4818.	21345.	520312.	32.	17052.	285.	4128.	6661.	0.	5903.	4489.
1979	4	.67	31868.	1317.	1406.	548863.	40147.	17857.	35.	8091.	6975.	0.	21473.	8175.
1979	5	.64	10600.	5532.	12964.	535489.	20246.	18471.	378.	29876.	7215.	0.	5958.	28435.
1979	6	.87	79525.	6858.	1406.	606156.	162327.	19170.	4978.	13454.	7488.	0.	132089.	13162.
1979	7	.84	9577.	9264.	1406.	604470.	5125.	21734.	1815.	0.	8489.	0.	115071.	650.
1979	8	.80	2451.	12729.	1406.	592192.	4652.	21712.	6454.	0.	8481.	0.	92963.	650.
1979	9	.75	1561.	8619.	1406.	583134.	1445.	17751.	-234.	19426.	6934.	0.	58872.	18716.
1979	10	.70	962.	13107.	1406.	568989.	2473.	17243.	4335.	9962.	6735.	0.	31211.	9915.
1979	11	.68	1113.	7040.	1406.	561062.	0.	15781.	1724.	0.	6164.	0.	15112.	650.
1979	12	.66	2612.	3381.	3029.	555984.	3972.	15654.	498.	0.	6114.	0.	5961.	650.
1980	1	.64	3083.	1333.	15057.	536316.	0.	15336.	-518.	0.	5990.	0.	6199.	650.
1980	2	.61	1479.	3262.	13996.	514623.	0.	14065.	194.	0.	5494.	0.	5936.	650.
1980	3	.57	538.	6743.	21625.	477658.	0.	17052.	576.	4128.	6661.	0.	5804.	4489.
1980	4	.51	246.	9250.	26711.	430658.	0.	17857.	851.	8091.	6975.	0.	5716.	8175.
1980	5	.71	96850.	3299.	1406.	522209.	129578.	18471.	1686.	29876.	7215.	0.	86666.	28435.
1980	6	.69	8591.	15957.	1406.	512843.	30987.	19170.	9210.	13454.	7488.	0.	77224.	13162.
1980	7	.64	9.	17201.	1406.	493652.	3035.	21734.	9384.	0.	8489.	0.	50548.	650.
1980	8	.82	36246.	7038.	1406.	520859.	314054.	21712.	-385.	0.	8481.	170007.	174673.	158757.
1980	9	.81	17144.	7171.	1406.	528832.	20357.	17751.	-936.	19426.	6934.	0.	160194.	18716.
1980	10	.77	9251.	8722.	1406.	527361.	371.	17243.	7584.	9962.	6735.	0.	127182.	9915.
1980	11	.75	820.	2175.	1406.	524006.	735.	15781.	1188.	0.	6164.	0.	112354.	650.
1980	12	.73	735.	3033.	1406.	519708.	4956.	15654.	2612.	0.	6114.	0.	100450.	650.
1981	1	.71	1607.	1296.	1406.	518020.	1363.	15336.	-652.	0.	5990.	0.	88534.	650.
1981	2	.69	822.	2369.	1406.	514473.	1081.	14065.	243.	0.	5494.	0.	76712.	650.
1981	3	.67	1980.	3004.	1406.	511449.	2304.	17052.	999.	4128.	6661.	0.	58243.	4489.
1981	4	.66	20377.	3455.	1406.	526370.	2124.	17857.	2010.	8091.	6975.	0.	33814.	8175.
1981	5	.85	45909.	3113.	1406.	567166.	169403.	18471.	-2111.	29876.	7215.	0.	158386.	28435.
1981	6	1.00	130166.	3900.	10874.	677964.	350103.	19170.	-5390.	0.	7488.	317457.	174673.	295885.
1981	7	1.00	29639.	11837.	12515.	677964.	139864.	21734.	2888.	0.	8489.	127757.	174673.	119464.
1981	8	.98	5895.	10505.	1406.	671354.	16755.	21712.	3947.	0.	8481.	0.	167174.	650.
1981	9	.98	5402.	11672.	1406.	663084.	67608.	17751.	10130.	5218.	6934.	14208.	174673.	18716.
1981	10	1.00	52596.	4375.	23439.	677964.	73254.	17243.	193.	0.	6735.	69296.	174673.	65095.
1981	11	1.00	7109.	6940.	1406.	676133.	43940.	15781.	6160.	0.	6164.	23405.	174673.	22416.
1981	12	.99	5966.	5642.	1406.	674458.	9648.	15654.	3754.	0.	6114.	0.	166319.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN5 ** FINAL **

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1982	1	.97	6079.	5885.	1406.	672652.	8731.	15336.	4859.	0.	5990.	0.	156261.	650.
1982	2	.97	5391.	512.	1406.	675531.	9721.	14065.	-177.	0.	5494.	0.	153499.	650.
1982	3	.95	5040.	5379.	1406.	673193.	9631.	17052.	3546.	4128.	6661.	0.	139810.	4489.
1982	4	.93	4327.	3577.	1406.	671942.	4747.	17857.	2327.	8091.	6975.	0.	117687.	8175.
1982	5	.99	13401.	4616.	1943.	677964.	95645.	18471.	-502.	29876.	7215.	0.	167428.	28435.
1982	6	.95	4917.	11515.	1406.	669366.	14920.	19170.	9828.	13454.	7488.	0.	141302.	13162.
1982	7	.89	2858.	20131.	1406.	650093.	2304.	21734.	12779.	0.	8489.	0.	110499.	650.
1982	8	.84	1687.	17280.	1406.	632500.	3035.	21712.	10241.	0.	8481.	0.	82986.	650.
1982	9	.78	1809.	12632.	1406.	619678.	7407.	17751.	6976.	19426.	6934.	0.	47646.	18716.
1982	10	.78	12674.	243.	1406.	630109.	14384.	17243.	2259.	9962.	6735.	0.	33973.	9915.
1982	11	.76	705.	2678.	1406.	626136.	6182.	15781.	989.	0.	6164.	0.	24790.	650.
1982	12	.74	1341.	5086.	1406.	620392.	4029.	15654.	1014.	0.	6114.	0.	13557.	650.
1983	1	.72	1733.	2878.	8125.	607689.	0.	15336.	446.	0.	5990.	0.	5899.	650.
1983	2	.70	2170.	0.	13623.	590481.	525.	14065.	-39.	0.	5494.	0.	6020.	650.
1983	3	.68	2359.	2311.	13879.	570787.	7519.	17052.	360.	4128.	6661.	0.	5877.	4489.
1983	4	.62	670.	10675.	26527.	523048.	139.	17857.	889.	8091.	6975.	0.	5706.	8175.
1983	5	.54	0.	6892.	44560.	452772.	4561.	18471.	725.	29876.	7215.	0.	5753.	28435.
1983	6	.49	9527.	7415.	32877.	408116.	0.	19170.	0.	13454.	7488.	0.	6006.	13162.
1983	7	.44	321.	8839.	18649.	373071.	3608.	21734.	792.	0.	8489.	0.	5737.	650.
1983	8	.41	39.	8402.	15854.	342156.	6850.	21712.	1082.	0.	8481.	0.	5646.	650.
1983	9	.45	16923.	5847.	1406.	351232.	65388.	17751.	1332.	19426.	6934.	0.	33931.	18716.
1983	10	.44	659.	4140.	1406.	345751.	18722.	17243.	1288.	9962.	6735.	0.	25566.	9915.
1983	11	.42	73.	2906.	1406.	340918.	8509.	15781.	1432.	0.	6164.	0.	18268.	650.
1983	12	.40	49.	3041.	3917.	332355.	0.	15654.	571.	0.	6114.	0.	5959.	650.
1984	1	.38	0.	995.	7768.	320311.	7603.	15336.	-19.	0.	5990.	0.	6013.	650.
1984	2	.36	0.	3537.	12354.	299200.	1996.	14065.	452.	0.	5494.	0.	5846.	650.
1984	3	.32	0.	5189.	19281.	266584.	2538.	17052.	732.	4128.	6661.	0.	5753.	4489.
1984	4	.27	0.	6660.	26830.	221759.	0.	17857.	950.	8091.	6975.	0.	5685.	8175.
1984	5	.19	0.	5286.	42205.	156439.	7077.	18471.	929.	29876.	7215.	0.	5690.	28435.
1984	6	.15	0.	6170.	19841.	122045.	13595.	19170.	759.	13454.	7488.	0.	5742.	13162.
1984	7	.13	19.	4819.	9926.	103125.	12735.	21734.	1000.	0.	8489.	0.	5670.	650.
1984	8	.09	0.	5419.	19568.	69871.	3304.	21712.	1225.	0.	8481.	0.	5605.	650.
1984	9	.02	0.	2637.	36624.	15139.	1469.	17751.	789.	19426.	6934.	0.	5731.	18716.
1984	10	.10	59683.	314.	1406.	72507.	34076.	17243.	-410.	9962.	6735.	0.	14417.	9915.
1984	11	.10	0.	951.	1406.	69557.	12534.	15781.	568.	0.	6164.	0.	12009.	650.
1984	12	.08	0.	486.	4658.	62444.	5161.	15654.	210.	0.	6114.	0.	5963.	650.

CONDITIONAL PROBABILITY MODELING FOR LCC & CCR RUN5 ** FINAL **

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1985	1	.11	27754.	195.	2908.	85866.	12265.	15336.	-255.	0.	5990.	0.	6055.	650.
1985	2	.09	1210.	472.	10284.	71976.	3646.	14065.	-137.	0.	5494.	0.	6057.	650.
1985	3	.09	3654.	450.	1001.	73756.	20293.	17052.	173.	4128.	6661.	0.	5997.	4489.
1985	4	.13	6998.	659.	1406.	78095.	51955.	17857.	-2423.	8091.	6975.	0.	35832.	8175.
1985	5	.19	5492.	1284.	1406.	80303.	96893.	18471.	637.	29876.	7215.	0.	85146.	28435.
1985	6	.22	2759.	-1373.	1406.	82436.	49767.	19170.	1931.	13454.	7488.	0.	101765.	13162.
1985	7	.24	8911.	3919.	1406.	85428.	43836.	21734.	8647.	0.	8489.	0.	116626.	650.
1985	8	.20	687.	5317.	1406.	78797.	1569.	21712.	10026.	0.	8481.	0.	87862.	650.
1985	9	.17	21947.	1514.	1406.	97231.	0.	17751.	3321.	19426.	6934.	0.	48769.	18716.
1985	10	.31	71023.	1220.	1406.	165034.	74059.	17243.	115.	9962.	6735.	0.	96914.	9915.
1985	11	.41	8123.	-988.	1406.	172144.	108345.	15781.	-675.	0.	6164.	16886.	174673.	16354.
1985	12	.40	551.	1547.	1406.	169148.	13395.	15654.	3410.	0.	6114.	0.	170410.	650.
1986	1	.38	1274.	1534.	1406.	166888.	0.	15336.	3437.	0.	5990.	0.	153043.	650.
1986	2	.36	0.	2383.	1406.	162506.	6277.	14065.	1885.	0.	5494.	0.	144776.	650.
1986	3	.32	0.	4252.	1406.	156254.	0.	17052.	6691.	4128.	6661.	0.	118310.	4489.
1986	4	.28	0.	3436.	1406.	150818.	1478.	17857.	5001.	8091.	6975.	0.	90245.	8175.
1986	5	.22	1410.	1130.	1406.	149098.	1039.	18471.	3053.	29876.	7215.	0.	41289.	28435.
1986	6	.27	39629.	-1317.	1406.	188044.	32572.	19170.	1456.	13454.	7488.	0.	41187.	13162.
1986	7	.23	1416.	8194.	1406.	179265.	2372.	21734.	4691.	0.	8489.	0.	18541.	650.
1986	8	.19	1204.	7594.	9415.	159482.	1339.	21712.	1796.	0.	8481.	0.	5787.	650.
1986	9	.14	10707.	5467.	37813.	110934.	0.	17751.	642.	19426.	6934.	0.	5781.	18716.
1986	10	.19	64227.	-566.	15708.	153383.	11889.	17243.	263.	9962.	6735.	0.	5910.	9915.
1986	11	.19	2730.	1249.	984.	153465.	14966.	15781.	77.	0.	6164.	0.	6002.	650.
1986	12	.23	31026.	-1317.	1406.	183808.	22184.	15654.	-233.	0.	6114.	0.	14171.	650.
1987	1	.24	11204.	936.	1406.	192076.	10990.	15336.	229.	0.	5990.	0.	11002.	650.
1987	2	.25	5537.	-1314.	1406.	196927.	14970.	14065.	-630.	0.	5494.	0.	13942.	650.
1987	3	.25	8485.	2544.	1406.	200869.	15039.	17052.	753.	4128.	6661.	0.	8453.	4489.
1987	4	.20	5701.	4400.	23758.	168375.	0.	17857.	371.	8091.	6975.	0.	5891.	8175.
1987	5	.17	17295.	1248.	32465.	138240.	15801.	18471.	-314.	29876.	7215.	0.	6123.	28435.
1987	6	.87	495187.	-2744.	1406.	634171.	131940.	19170.	-4482.	13454.	7488.	0.	111328.	13162.
1987	7	.99	78727.	12418.	15829.	677964.	70508.	21734.	6826.	0.	8489.	0.	169105.	650.
1987	8	.97	20346.	17756.	1821.	677964.	10754.	21712.	12226.	0.	8481.	0.	147742.	650.
1987	9	.94	11981.	10291.	1406.	677654.	18292.	17751.	7743.	19426.	6934.	0.	122519.	18716.
1987	10	.90	6306.	14311.	1406.	667649.	5964.	17243.	4061.	9962.	6735.	0.	98623.	9915.
1987	11	.89	7847.	4827.	1406.	668669.	7328.	15781.	1296.	0.	6164.	0.	90280.	650.
1987	12	.88	8261.	3819.	1406.	671111.	3887.	15654.	2076.	0.	6114.	0.	77843.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1988	1	.87	8310.	4596.	1406.	672825.	2732.	15336.	1701.	0.	5990.	0.	64943.	650.
1988	2	.85	7609.	4094.	1406.	674340.	783.	14065.	1350.	0.	5494.	0.	51717.	650.
1988	3	.82	6073.	6648.	1406.	671766.	921.	17052.	2129.	4128.	6661.	0.	30734.	4489.
1988	4	.79	3392.	6874.	336.	667805.	2546.	17857.	1622.	8091.	6975.	0.	6046.	8175.
1988	5	.71	6383.	5387.	48723.	599493.	0.	18471.	634.	29876.	7215.	0.	5787.	28435.
1988	6	.65	8164.	12383.	33367.	547810.	0.	19170.	798.	13454.	7488.	0.	5731.	13162.
1988	7	.63	23420.	9920.	22647.	529095.	0.	21734.	965.	0.	8489.	0.	5680.	650.
1988	8	.59	5157.	13077.	18367.	495048.	4366.	21712.	1046.	0.	8481.	0.	5655.	650.
1988	9	.53	724.	8195.	29004.	446319.	8559.	17751.	57.	19426.	6934.	0.	5985.	18716.
1988	10	.49	2390.	7385.	22891.	408762.	4748.	17243.	632.	9962.	6735.	0.	5787.	9915.
1988	11	.47	0.	6914.	6782.	392201.	9671.	15781.	694.	0.	6164.	0.	5764.	650.
1988	12	.46	0.	4592.	1406.	385609.	18030.	15654.	403.	0.	6114.	0.	9143.	650.
1989	1	.46	2578.	548.	1406.	385639.	15243.	15336.	168.	0.	5990.	0.	10288.	650.
1989	2	.45	4085.	2182.	6106.	378856.	4197.	14065.	709.	0.	5494.	0.	5816.	650.
1989	3	.43	6267.	5535.	12576.	361699.	9523.	17052.	1088.	4128.	6661.	0.	5647.	4489.
1989	4	.41	11752.	4859.	18305.	342554.	8649.	17857.	977.	8091.	6975.	0.	5675.	8175.
1989	5	.35	7638.	10734.	35248.	289319.	14432.	18471.	1463.	29876.	7215.	0.	5543.	28435.
1989	6	.33	8904.	8518.	11634.	273156.	22324.	19170.	1294.	13454.	7488.	0.	5583.	13162.
1989	7	.33	6907.	10564.	1406.	267499.	31430.	21734.	2292.	0.	8489.	0.	14393.	650.
1989	8	.33	6922.	9406.	1406.	263016.	27912.	21712.	3241.	0.	8481.	0.	18757.	650.
1989	9	.28	154.	7752.	13221.	236611.	13373.	17751.	2422.	19426.	6934.	0.	5753.	18716.
1989	10	.26	1903.	4986.	14377.	213076.	13532.	17243.	693.	9962.	6735.	0.	5764.	9915.
1989	11	.25	1288.	1999.	5538.	204488.	10846.	15781.	535.	0.	6164.	0.	5832.	650.
1989	12	.24	74.	0.	4568.	198064.	11438.	15654.	245.	0.	6114.	0.	5939.	650.

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$	------$
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.035$	.074$	.067$	.068$	.104$	.171$	.171$	.092$	.087$	.063$	.037$	
MAX $	5899.$	7952.$	9093.$	10675.$	12743.$	16821.$	20131.$	19279.$	15741.$	14311.$	8699.$	8225.$	100538.$
MIN $	-6433.$	-3484.$	68.$	-4926.$	-6920.$	-12867.$	-3345.$	349.$	-19300.$	-5147.$	-2443.$	-14138.$	2818.$
MEAN $	1959.$	2072.$	4406.$	3998.$	4088.$	6226.$	10244.$	10214.$	5512.$	5184.$	3745.$	2245.$	59892.$
GMEAN $	734.$	421.$	2955.$	1802.$	981.$	2257.$	7147.$	8164.$	2078.$	2058.$	1998.$	535.$	50644.$
MEDIAN$	2019.$	2056.$	4343.$	3803.$	4193.$	6464.$	10514.$	10849.$	5827.$	5043.$	3212.$	2881.$	64780.$
STDDEV$	2287.7$	2379.2$	2464.7$	3283.4$	3868.9$	5188.5$	5058.0$	4843.5$	6037.6$	4161.3$	2726.0$	3279.8$	24796.0$
SKEW $	-.08$	.02$	.08$	.18$	-.08$	-.14$	-.16$	-.39$	-.16$	.10$	.59$	-.58$	-.59$
CCR RELEASE-ADJ													
PER % $	.041$	.046$	.055$	.098$	.165$	.154$	.094$	.045$	.120$	.102$	.041$	.039$	
MAX $	15812.$	14190.$	21656.$	77976.$	98323.$	395159.$	100312.$	23003.$	74360.$	83719.$	25840.$	16167.$	598743.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	1406.$	984.$	1406.$	13935.$
MEAN $	3671.$	4157.$	5022.$	8879.$	14995.$	13937.$	8509.$	4050.$	10836.$	9279.$	3750.$	3545.$	90627.$
GMEAN $	2003.$	1715.$	1645.$	2995.$	3492.$	2836.$	1906.$	1983.$	2974.$	3281.$	2186.$	2276.$	61178.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	70455.$
STDDEV$	4467.0$	4709.8$	7237.3$	13474.0$	21670.3$	52429.6$	18865.6$	5828.0$	18313.7$	15661.0$	5422.2$	4323.9$	90289.5$
SKEW $	1.52$	1.75$	1.50$	1.66$	1.88$	.72$	1.13$	1.36$	1.54$	1.51$	1.30$	1.48$	.67$
CCR E-O-M													
PER % $	.085$	.084$	.083$	.082$	.082$	.084$	.083$	.083$	.084$	.084$	.084$	.083$	
MAX $	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	8092279.$
MIN $	2741.$	2643.$	2501.$	2368.$	2818.$	2588.$	2331.$	2818.$	4034.$	9169.$	11794.$	2818.$	67681.$
MEAN $	460906.$	458842.$	450768.$	446268.$	445645.$	457970.$	453275.$	450254.$	455757.$	459122.$	455189.$	452048.$	5446045.$
GMEAN $	312204.$	308674.$	302320.$	307783.$	310578.$	315848.$	309051.$	311512.$	333176.$	347682.$	339773.$	318074.$	4152950.$
MEDIAN$	548657.$	558902.$	552168.$	534468.$	528849.$	544056.$	530024.$	536340.$	538302.$	522969.$	523937.$	530246.$	6299898.$
STDDEV$	220302.2$	222250.2$	223396.7$	225298.0$	223291.3$	222680.1$	227354.9$	226738.4$	219294.4$	217765.6$	219228.0$	220802.6$	2544861.0$
SKEW $	-1.19$	-1.35$	-1.36$	-1.17$	-1.12$	-1.16$	-1.01$	-1.14$	-1.13$	-.88$	-.94$	-1.06$	-1.01$
SYSTEM RETURN FLOWS													
PER % $	.072$	.066$	.080$	.084$	.087$	.090$	.103$	.102$	.084$	.081$	.074$	.074$	
MAX $	5990.$	5494.$	6661.$	6975.$	7215.$	7488.$	8489.$	8481.$	6934.$	6735.$	6164.$	6114.$	82740.$
MIN $	5990.$	5494.$	6661.$	6975.$	7215.$	7488.$	8489.$	8481.$	6934.$	6735.$	6164.$	6114.$	82740.$
MEAN $	5990.$	5494.$	6661.$	6975.$	7215.$	7488.$	8489.$	8481.$	6934.$	6735.$	6164.$	6114.$	82740.$

GMEAN $	5990.$	5494.$	6661.$	6975.$	7215.$	7488.$	8489.$	8481.$	6934.$	6735.$	6164.$	6115.$	82740.$
MEDIAN$	5990.$	5494.$	6661.$	6975.$	7215.$	7488.$	8489.$	8481.$	6934.$	6735.$	6164.$	6114.$	82740.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.072$	.066$	.080$	.084$	.087$	.091$	.103$	.103$	.084$	.081$	.075$	.074$	
MAX $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
MIN $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
MEAN $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
GMEAN $	15336.$	14065.$	17052.$	17857.$	18471.$	19171.$	21733.$	21712.$	17751.$	17243.$	15781.$	15654.$	211829.$
MEDIAN$	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	211828.$
STDDEV$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$	.0$
SKEW $	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$	.10$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.028$	.070$	.058$	.045$	.087$	.212$	.192$	.076$	.073$	.084$	.046$	
MAX $	4859.$	5690.$	6691.$	7447.$	7333.$	9828.$	13460.$	12819.$	10208.$	7689.$	6957.$	6628.$	54939.$
MIN $	-6160.$	-6353.$	-2379.$	-5005.$	-5052.$	-19848.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	-2156.$
MEAN $	793.$	749.$	1888.$	1562.$	1210.$	2347.$	5719.$	5202.$	2056.$	1964.$	2281.$	1254.$	27026.$
GMEAN $	151.$	145.$	733.$	527.$	233.$	700.$	2389.$	2655.$	476.$	678.$	896.$	414.$	19058.$
MEDIAN$	511.$	485.$	1482.$	1253.$	841.$	2294.$	6069.$	5141.$	2468.$	1947.$	1573.$	1346.$	25874.$
STDDEV$	1797.3$	1981.2$	1834.2$	2157.5$	2611.1$	4269.1$	4322.9$	3934.8$	4795.2$	3240.0$	2286.3$	2064.9$	14772.6$
SKEW $	.47$	.40$	.67$	.43$	.42$	.04$	-.24$	.05$	-.26$	.02$	.93$	-.13$	.23$
LCC RELEASE													
PER % $	.000$	.000$	.058$	.106$	.358$	.154$	.000$	.000$	.218$	.105$	.000$	.000$	
MAX $	0.$	0.$	4128.$	8091.$	29876.$	13454.$	0.$	0.$	19426.$	9962.$	0.$	0.$	84939.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	12220.$
MEAN $	0.$	0.$	4055.$	7369.$	24866.$	10723.$	0.$	0.$	15142.$	7294.$	0.$	0.$	69448.$
GMEAN $	1.$	1.$	3558.$	3623.$	7649.$	2063.$	1.$	1.$	2691.$	846.$	1.$	1.$	64520.$
MEDIAN$	0.$	0.$	4128.$	8091.$	29876.$	13454.$	0.$	0.$	19426.$	9962.$	0.$	0.$	80314.$
STDDEV$	.0$	.0$	546.7$	2307.3$	10571.6$	5326.9$	.0$	.0$	7794.4$	4411.7$	.0$	.0$	20398.8$
SKEW $	.10$	.10$	-.40$	-.94$	-1.42$	-1.54$	.10$	.10$	-1.65$	-1.81$	.10$	.10$	-1.60$
LCC UNCTRL SPILLS													
PER % $	.037$	.025$	.010$	.030$	.093$	.187$	.096$	.047$	.230$	.192$	.045$	.010$	
MAX $	216606.$	277392.$	144169.$	239299.$	469091.$	1545671.$	387699.$	399843.$	1207365.$	805353.$	253735.$	98907.$	2196405.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	9726.$	6638.$	2574.$	7841.$	24684.$	49544.$	25423.$	12419.$	61086.$	50941.$	11934.$	2736.$	265546.$

GMEAN $	4.$	3.$	1.$	3.$	9.$	13.$	9.$	3.$	17.$	22.$	7.$	2.$	1579.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	61182.$
STDDEV$	35757.5$	37229.6$	19092.6$	34736.0$	81216.0$	212574.0$	74170.1$	58256.2$	190283.4$	139443.7$	41534.8$	14244.2$	466380.0$
SKEW $	.82$	.53$	.40$	.68$	.91$	.70$	1.03$	.64$	.96$	1.10$	.86$	.58$	1.31$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													
PER % $	.081$	.076$	.068$	.066$	.076$	.090$	.094$	.090$	.091$	.093$	.090$	.084$	
MAX $	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	1979946.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	1195.$	0.$	5675.$	5764.$	2115.$	25527.$
MEAN $	82488.$	76783.$	69177.$	66617.$	77074.$	91675.$	95745.$	91130.$	92604.$	93762.$	90813.$	85354.$	1013221.$
GMEAN $	30583.$	24313.$	23745.$	23693.$	23294.$	31868.$	36202.$	53316.$	47159.$	57338.$	51499.$	46081.$	758038.$
MEDIAN$	77907.$	70289.$	60806.$	55121.$	49610.$	86399.$	104725.$	107728.$	92822.$	92007.$	88505.$	78749.$	1111538.$
STDDEV$	66220.3$	65233.2$	62344.6$	60375.7$	69773.1$	67912.8$	65083.9$	62315.8$	64989.6$	66243.5$	66747.8$	65352.3$	553750.8$
SKEW $	.21$	.30$	.40$	.57$	1.18$	.23$	-.41$	-.80$	-.01$	.08$	.10$	.30$	-.53$
TOTAL INFLOW TO THE BAY													
PER % $	.031$	.021$	.021$	.046$	.145$	.177$	.076$	.038$	.225$	.173$	.037$	.010$	
MAX $	202094.$	258625.$	134727.$	223198.$	436905.$	1438124.$	361210.$	372504.$	1123500.$	749629.$	236624.$	92634.$	2061821.$
MIN $	274.$	266.$	210.$	187.$	1338.$	-79.$	-287.$	650.$	15065.$	9915.$	650.$	650.$	42199.$
MEAN $	9684.$	6803.$	6665.$	14533.$	45866.$	56057.$	24249.$	12200.$	71477.$	54808.$	11749.$	3194.$	317286.$
GMEAN $	1100.$	888.$	4314.$	8764.$	31754.$	15543.$	1203.$	974.$	28826.$	18473.$	1320.$	827.$	183081.$
MEDIAN$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	127421.$
STDDEV$	33257.5$	34627.2$	17285.6$	30880.2$	69367.1$	195584.1$	68993.4$	54178.3$	172577.3$	127246.6$	38627.4$	13247.1$	420535.8$
SKEW $	.81$	.53$	.38$	.62$	.75$	.66$	1.03$	.64$	.92$	1.06$	.86$	.58$	1.35$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.072$	.065$	.080$	.083$	.087$	.088$	.100$	.105$	.085$	.083$	.076$	.076$	
MAX $	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
MIN $	2764.$	261.$	490.$	344.$	824.$	0.$	0.$	20193.$	13283.$	16036.$	14677.$	14558.$	101414.$
MEAN $	13926.$	12424.$	15318.$	16073.$	16656.$	16966.$	19273.$	20193.$	16451.$	16036.$	14677.$	14558.$	192551.$
GMEAN $	13672.$	11080.$	14180.$	15027.$	15955.$	13966.$	15861.$	20193.$	16445.$	16036.$	14677.$	14558.$	191292.$
MEDIAN$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
STDDEV$	1793.6$	2764.6$	2807.3$	2785.8$	2568.4$	3638.2$	3996.1$	.0$	427.1$	.0$	.0$	.0$	18390.8$
SKEW $	-.56$	-.71$	-.58$	-.58$	-.61$	-.71$	-.70$	.10$	-.40$	.10$	.10$	.10$	-.73$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

	-------CHOKE CANYON RESERVOIR--------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*	
YEAR$	INFLOW$	EVAP$	CCRREL$	EOM$	INFLOW$	DEMM$	EVAP$	LCCREL$	RETURN$	SPILL$	EOM$	CALALLEN$
1934$	94138.$	75070.$	34145.$	648462.$	323703.$	211828.$	32871.$	84939.$	82740.$	91466.$	111418.$	171856.$
1935$	899837.$	18638.$	598743.$	677964.$	1971228.$	211828.$	26778.$	12220.$	82740.$	2196405.$	161439.$	2061821.$
1936$	282578.$	46320.$	166090.$	677964.$	749398.$	211828.$	24767.$	33267.$	82740.$	583360.$	172033.$	581262.$
1937$	66555.$	84041.$	95594.$	524499.$	128035.$	211828.$	19240.$	84939.$	82740.$	0.$	79655.$	86793.$
1938$	95147.$	92507.$	16872.$	503138.$	325114.$	211828.$	50383.$	76847.$	82740.$	51172.$	23319.$	126858.$
1939$	76749.$	70262.$	72326.$	406744.$	269616.$	211828.$	31774.$	84939.$	82740.$	0.$	36720.$	86793.$
1940$	208894.$	55091.$	17261.$	535993.$	779993.$	211828.$	34828.$	71485.$	82740.$	341011.$	161368.$	391421.$
1941$	446252.$	34096.$	197599.$	667069.$	994963.$	211828.$	17663.$	14091.$	82740.$	902623.$	136878.$	860344.$
1942$	342179.$	55206.$	205547.$	661656.$	945113.$	211828.$	22928.$	55550.$	82740.$	825936.$	141908.$	827582.$
1943$	71937.$	87847.$	28632.$	605018.$	161056.$	211828.$	28830.$	84939.$	82740.$	0.$	5999.$	86793.$
1944$	131110.$	67663.$	68584.$	570905.$	630193.$	211828.$	35222.$	65512.$	82740.$	250863.$	121925.$	302029.$
1945$	107492.$	82883.$	16872.$	571514.$	447692.$	211828.$	50912.$	66885.$	82740.$	101464.$	137346.$	164364.$
1946$	323039.$	54059.$	122209.$	666655.$	1010103.$	211828.$	30808.$	17171.$	82740.$	796423.$	145661.$	764443.$
1947$	36172.$	87607.$	16872.$	591220.$	279647.$	211828.$	48349.$	64341.$	82740.$	25178.$	71886.$	91052.$
1948$	42109.$	78696.$	131157.$	368066.$	115220.$	211828.$	15637.$	84939.$	82740.$	0.$	5859.$	86793.$
1949$	218812.$	48843.$	40268.$	480756.$	757726.$	211828.$	39989.$	33517.$	82740.$	351250.$	115846.$	365634.$
1950$	20676.$	84772.$	35427.$	366265.$	188694.$	211828.$	37397.$	84939.$	82740.$	0.$	5804.$	86793.$
1951$	153199.$	59120.$	93360.$	327543.$	338469.$	211828.$	30399.$	84939.$	82740.$	0.$	110467.$	86793.$
1952$	32784.$	60778.$	72979.$	195737.$	143335.$	211828.$	24092.$	84939.$	82740.$	0.$	5923.$	86793.$
1953$	256286.$	33751.$	106885.$	266232.$	468874.$	211828.$	15601.$	55550.$	82740.$	111805.$	157508.$	163441.$
1954$	34820.$	67485.$	16872.$	209567.$	226784.$	211828.$	54939.$	84939.$	82740.$	0.$	49459.$	86793.$
1955$	39869.$	39214.$	145835.$	2818.$	116167.$	211828.$	12580.$	84939.$	82740.$	0.$	2115.$	86793.$
1956$	53601.$	4932.$	33042.$	4740.$	123426.$	211828.$	2726.$	84939.$	82740.$	0.$	5930.$	42199.$
1957$	423638.$	40099.$	13935.$	368504.$	1248395.$	211828.$	36717.$	27156.$	82740.$	795654.$	159219.$	772433.$
1958$	465123.$	51314.$	73357.$	677964.$	1254231.$	211828.$	20478.$	70848.$	82740.$	994890.$	174673.$	998936.$
1959$	129998.$	88932.$	34620.$	669784.$	357269.$	211828.$	39851.$	74976.$	82740.$	70135.$	159810.$	142753.$
1960$	92022.$	59855.$	16872.$	677950.$	415631.$	211828.$	16162.$	84939.$	82740.$	104711.$	174673.$	184174.$
1961$	120225.$	76308.$	66714.$	626968.$	243964.$	211828.$	46392.$	84939.$	82740.$	78959.$	63233.$	160225.$
1962$	9206.$	87992.$	196307.$	268941.$	55431.$	211828.$	12241.$	84939.$	82740.$	0.$	5964.$	86793.$
1963$	29202.$	35554.$	172744.$	16864.$	144897.$	211828.$	20885.$	84939.$	82740.$	0.$	5954.$	86793.$
1964$	24178.$	2818.$	17787.$	13051.$	431593.$	211828.$	13418.$	74976.$	82740.$	156702.$	142112.$	171187.$
1965$	87626.$	15509.$	16872.$	61169.$	231794.$	211828.$	48559.$	64061.$	82740.$	20878.$	24575.$	86793.$
1966$	79291.$	12635.$	44748.$	64171.$	307657.$	211828.$	24971.$	83781.$	82740.$	1158.$	54085.$	86793.$
1967$	393605.$	10719.$	51756.$	373453.$	1678502.$	211828.$	8218.$	55550.$	82740.$	1365538.$	174673.$	1311412.$
1968$	259911.$	53534.$	16872.$	555831.$	489310.$	211828.$	37872.$	55062.$	82740.$	279154.$	67062.$	318621.$
1969$	76660.$	66215.$	104356.$	417832.$	269846.$	211828.$	8494.$	84939.$	82740.$	0.$	136004.$	86793.$
1970$	89373.$	56413.$	16872.$	426793.$	310579.$	211828.$	42585.$	71485.$	82740.$	66948.$	57155.$	136543.$
1971$	462165.$	59443.$	109726.$	673433.$	2266411.$	211828.$	2094.$	55550.$	82740.$	1959758.$	174673.$	1882036.$
1972$	65740.$	71179.$	16872.$	643994.$	254041.$	211828.$	33399.$	55062.$	82740.$	58646.$	56775.$	113548.$
1973$	333411.$	62971.$	167522.$	676138.$	836351.$	211828.$	-2156.$	42096.$	82740.$	592601.$	173436.$	598069.$

1974$	169235.$	82145.$	59941.$	677964.$	306638.$	211828.$	33494.$	65512.$	82740.$	63718.$	146036.$	127984.$
1975$	150332.$	86621.$	64899.$	649358.$	306447.$	211828.$	52387.$	71485.$	82740.$	88213.$	80016.$	156319.$
1976$	281523.$	71836.$	127300.$	677964.$	759640.$	211828.$	7859.$	67434.$	82740.$	487658.$	174673.$	524035.$
1977$	235577.$	100538.$	130690.$	627100.$	388753.$	211828.$	53169.$	46971.$	82740.$	317270.$	26911.$	346543.$
1978$	164323.$	77238.$	104266.$	565869.$	184389.$	211828.$	12888.$	84939.$	82740.$	0.$	5912.$	86793.$
1979$	159602.$	74681.$	66649.$	555984.$	250277.$	211828.$	20110.$	84939.$	82740.$	0.$	5961.$	86793.$
1980$	174992.$	85184.$	88637.$	519708.$	504073.$	211828.$	31447.$	84939.$	82740.$	170007.$	100450.$	244900.$
1981$	307468.$	68106.$	59482.$	674458.$	877447.$	211828.$	22171.$	47314.$	82740.$	552123.$	166319.$	565276.$
1982$	60229.$	89532.$	17409.$	620392.$	180736.$	211828.$	54140.$	84939.$	82740.$	0.$	13557.$	86793.$
1983$	34523.$	63345.$	182227.$	332355.$	115821.$	211828.$	8879.$	84939.$	82740.$	0.$	5959.$	86793.$
1984$	59702.$	42462.$	201867.$	62444.$	102088.$	211828.$	7185.$	84939.$	82740.$	0.$	5963.$	86793.$
1985$	159109.$	14216.$	26847.$	169148.$	476023.$	211828.$	24771.$	84939.$	82740.$	16886.$	170410.$	102497.$
1986$	153623.$	32038.$	75168.$	183808.$	94116.$	211828.$	28757.$	84939.$	82740.$	0.$	14171.$	86793.$
1987$	676877.$	68491.$	85121.$	671111.$	305473.$	211828.$	30156.$	84939.$	82740.$	0.$	77843.$	86793.$
1988$	71622.$	90064.$	187743.$	385609.$	52356.$	211828.$	12032.$	84939.$	82740.$	0.$	9143.$	86793.$
1989$	58472.$	67083.$	125791.$	198064.$	182899.$	211828.$	15128.$	84939.$	82740.$	0.$	5939.$	86793.$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	85282.$	1082.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	171856.$
1935$	650.$	650.$	4489.$	8175.$	103531.$	1438124.$	82003.$	90779.$	307520.$	24599.$	650.$	650.$	2061821.$
1936$	650.$	650.$	4489.$	8175.$	28435.$	19251.$	299220.$	650.$	73767.$	141117.$	4208.$	650.$	581262.$
1937$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1938$	28124.$	650.$	4489.$	20766.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	126858.$
1939$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1940$	650.$	650.$	4489.$	8175.$	28435.$	94214.$	204039.$	20838.$	18716.$	9915.$	650.$	650.$	391421.$
1941$	650.$	17513.$	4489.$	74876.$	436905.$	98228.$	59814.$	650.$	156003.$	9915.$	650.$	650.$	860344.$
1942$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	361210.$	650.$	393002.$	15859.$	650.$	650.$	827582.$
1943$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1944$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	233952.$	9915.$	650.$	650.$	302029.$
1945$	650.$	650.$	4489.$	16437.$	28435.$	13162.$	650.$	650.$	18716.$	79224.$	650.$	650.$	164364.$
1946$	650.$	650.$	4489.$	8175.$	28435.$	79958.$	650.$	650.$	168824.$	470661.$	650.$	650.$	764443.$
1947$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	4909.$	650.$	18716.$	9915.$	650.$	650.$	91052.$
1948$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1949$	650.$	650.$	4489.$	76330.$	151846.$	39497.$	55084.$	7156.$	18716.$	9915.$	650.$	650.$	365634.$
1950$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1951$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1952$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1953$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	66337.$	25841.$	13751.$	650.$	163441.$
1954$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1955$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1956$	274.$	271.$	210.$	1474.$	10910.$	2118.$	12.$	650.$	15065.$	9915.$	650.$	650.$	42199.$
1957$	409.$	310.$	4489.$	8175.$	326740.$	343483.$	650.$	650.$	18716.$	43929.$	24230.$	650.$	772433.$
1958$	202094.$	258625.$	134727.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	170851.$	161880.$	971.$	998936.$
1959$	6616.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	59910.$	650.$	650.$	142753.$
1960$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	57111.$	41571.$	184174.$
1961$	27994.$	46739.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	160225.$
1962$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1963$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1964$	650.$	266.$	345.$	187.$	1338.$	1563.$	-211.$	650.$	18716.$	146383.$	650.$	650.$	171187.$
1965$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1966$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1967$	650.$	650.$	4489.$	8175.$	24612.$	-79.$	-287.$	650.$	1123500.$	145502.$	650.$	2898.$	1311412.$
1968$	128272.$	15104.$	4489.$	8175.$	118187.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	318621.$
1969$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1970$	650.$	650.$	4489.$	8175.$	28435.$	62912.$	650.$	650.$	18716.$	9915.$	650.$	650.$	136543.$
1971$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	92898.$	372504.$	552447.$	749629.$	51346.$	7652.$	1882036.$
1972$	2027.$	650.$	4489.$	8175.$	53813.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	113548.$
1973$	650.$	650.$	4489.$	8175.$	28435.$	64148.$	16284.$	650.$	28865.$	404961.$	40111.$	650.$	598069.$
1974$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	59908.$	9915.$	650.$	650.$	127984.$

1975$	650.$	650.$	4489.$	8175.$	28435.$	47105.$	36233.$	650.$	18716.$	9915.$	650.$	650.$	156319.$
1976$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	119199.$	236624.$	92634.$	524035.$
1977$	31312.$	10525.$	4489.$	223198.$	32626.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	346543.$
1978$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1979$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1980$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	158757.$	18716.$	9915.$	650.$	650.$	244900.$
1981$	650.$	650.$	4489.$	8175.$	28435.$	295885.$	119464.$	650.$	18716.$	65095.$	22416.$	650.$	565276.$
1982$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1983$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1984$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1985$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	16354.$	650.$	102497.$
1986$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1987$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1988$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$
1989$	650.$	650.$	4489.$	8175.$	28435.$	13162.$	650.$	650.$	18716.$	9915.$	650.$	650.$	86793.$

CONDITIONAL PROBABILITY MODELING RUN5 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1935$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1936$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1937$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1938$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1939$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1940$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1941$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1942$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1943$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1944$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1945$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1946$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1947$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1948$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1949$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1950$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1951$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1952$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1953$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1954$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1955$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1956$	2764.$	447.$	490.$	2966.$	6601.$	2958.$	6441.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1957$	6895.$	1759.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	13283.$	16036.$	14677.$	14558.$	101414.$
1958$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	178310.$
1959$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1960$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1961$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1962$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1963$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1964$	14263.$	261.$	976.$	344.$	824.$	2210.$	1626.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1965$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	102476.$
1966$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1967$	14263.$	13081.$	15859.$	16607.$	14871.$	0.$	0.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1968$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	156652.$
1969$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1970$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1971$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1972$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1973$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1974$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$

1975$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1976$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1977$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1978$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1979$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1980$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1981$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1982$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1983$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1984$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1985$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1986$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1987$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1988$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$
1989$	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	197000.$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

LAKE CORPUS CHRISTI
CHOKE CANYON RESERVOIR

IBANK :	1
IBEG :	1934
IEND :	1989
ISKIP :	0
LONGPR :	1
MODE :	1
KSIM :	31
KZONE :	0
FLIMIT :	.05
RTNFLW :	.36
ALOSS :	.93
DEMAND :	197000.
REQREL :	2000.
BEDEMM :	97270.
TOTCAP :	852637.
TOT5 :	852637.
TOT4 :	852637.
TOT3 :	707689.
TOT2 :	341055.
LCCMAX :	174673.
LCC76 :	6006.
LCCMIN :	0.
CCRMAX :	677964.
CCR155 :	2818.
CCRMIN :	2818.

DEMDIS :		.0724	.0664	.0805	.0843	.0872	.0905	.1026	.1025	.0838	.0814	.0745	.0739
RELES1 V	.50	3221.	3221.	6764.	9340.	22546.	12883.	3221.	3221.	16104.	10307.	3221.	3221.
TRIGGERS		1.00	1.00	.83	.40								
MEDIAN V	.30	2500.	2500.	2500.	3200.	4400.	4000.	2500.	2500.	4500.	3000.	2500.	2500.
******** INPUT REDUCTIONS ********													
REDUK1 V	.50	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
REDUK2 V	.40	.05	.05	.10	.10	.10	.10	.10	.10	.10	.10	.05	.05
REDUK3 V	.30	.10	.10	.20	.20	.20	.20	.20	.20	.20	.20	.10	.10
******** COMPUTED REDUCTION MULTIPLIERS ********													
REDUC1 V	.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
REDUC2 V	.40	.95	.95	.90	.90	.90	.90	.90	.90	.90	.90	.95	.95
REDUC3 V	.30	.90	.90	.80	.80	.80	.80	.80	.80	.80	.80	.90	.90

MODE= 1

ZONE$	PERCENT OF TIME WHICH VOLUME RULES APPLY				
	V50$	V40$	V30$	V20$	V0$
1	.01$	.00$	.09$	.10$	.89$
2	.01$	.00$	.09$	.10$	.89$
3	.01$	.00$	.09$	.10$	.89$
4	.01$	.00$	.09$	.10$	.89$
5	.01$	.00$	.09$	.10$	.89$
6	.01$	.00$	.09$	.10$	.89$
7	.01$	.00$	.09$	.10$	.89$
8	.01$	.00$	.11$	.13$	.86$
9	.01$	.00$	.13$	.15$	.83$
10	.01$	.00$	.16$	.19$	.79$
11	.01$	.00$	.20$	.23$	.75$
12	.01$	.00$	.25$	.30$	.67$
13	.01$	.00$	.32$	.53$	.44$
14	.01$	.00$	.70$	.70$	.27$
15	.01$	.00$	.81$	.78$	.17$
16	.01$	.00$	.89$	.84$	.10$
17	.02$	.00$	.93$	.88$	.06$
18	.02$	.00$	.96$	.89$	.02$
19	.02$	.00$	.97$	.89$	.01$
20	.03$	.00$	.96$	.88$	.01$
21	.04$	.00$	.96$	.86$	.00$
22	.04$	.00$	.96$	.83$	.00$
23	.05$	.00$	.95$	.79$	.00$
24	.06$	.00$	.94$	.74$	.00$
25	.08$	.00$	.92$	.55$	.00$
26	.09$	.00$	.91$	.36$	.00$
27	.10$	.00$	.90$	.24$	.00$
28	.13$	.00$	.87$	.17$	.00$
29	.15$	.00$	.85$	.11$	.00$
30	.18$	.00$	.82$	.10$	.00$
31	.26$	.00$	.74$	.10$	.00$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

START$ ZONE$	NUM $ FAIL$	NUM $ RELEASE$	NUM $ SPILL$	PROB $ FAIL$	PROB $ RELEASE$	PROB $ SPILL$
1$	206$	5$	95$	.307$	.007$	.141$
2$	103$	5$	99$	.153$	.007$	.147$
3$	37$	5$	112$	.055$	.007$	.167$
4$	15$	5$	121$	.022$	.007$	.180$
5$	3$	5$	139$	.004$	.007$	.207$
6$	1$	5$	152$	.001$	.007$	.226$
7$	0$	5$	169$	.000$	.007$	.251$
8$	0$	5$	172$	.000$	.007$	.256$
9$	0$	6$	172$	.000$	.009$	.256$
10$	0$	7$	172$	.000$	.010$	.256$
11$	0$	8$	172$	.000$	.012$	.256$
12$	0$	10$	172$	.000$	.015$	.256$
13$	0$	19$	168$	.000$	.028$	.250$
14$	0$	38$	159$	.000$	.057$	.237$
15$	0$	58$	158$	.000$	.086$	.235$
16$	0$	85$	157$	.000$	.126$	.234$
17$	0$	92$	158$	.000$	.137$	.235$
18$	0$	94$	158$	.000$	.140$	.235$
19$	0$	98$	158$	.000$	.146$	.235$
20$	0$	99$	159$	.000$	.147$	.237$
21$	0$	98$	160$	.000$	.146$	.238$
22$	0$	98$	160$	.000$	.146$	.238$
23$	0$	98$	160$	.000$	.146$	.238$
24$	0$	98$	160$	.000$	.146$	.238$
25$	0$	98$	160$	.000$	.146$	.238$
26$	0$	99$	160$	.000$	.147$	.238$
27$	0$	99$	160$	.000$	.147$	.238$
28$	0$	98$	162$	.000$	.146$	.241$
29$	0$	98$	165$	.000$	.146$	.246$
30$	0$	99$	169$	.000$	.147$	.251$
31$	0$	99$	168$	.000$	.147$	.250$

ENDING ZONE

START ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
2$	5$	4$	4$	2$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
3$	5$	6$	5$	5$	4$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
4$	3$	3$	4$	4$	5$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
5$	4$	4$	2$	3$	3$	3$	7$	4$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
6$	4$	3$	4$	5$	5$	6$	6$	9$	7$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
7$	3$	5$	4$	3$	4$	4$	4$	4$	5$	6$	4$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
8$	5$	2$	4$	4$	3$	3$	4$	3$	5$	4$	7$	4$	1$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
9$	2$	4$	4$	5$	6$	5$	5$	5$	4$	6$	4$	7$	4$	2$	0$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
10$	5$	5$	5$	5$	5$	6$	6$	5$	3$	3$	6$	6$	8$	7$	3$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
11$	2$	1$	1$	1$	1$	1$	1$	5$	6$	4$	3$	4$	4$	4$	7$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
12$	1$	2$	2$	2$	2$	2$	2$	2$	4$	6$	4$	3$	4$	6$	4$	7$	6$	2$	0$	1$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$
13$	2$	2$	2$	2$	2$	2$	2$	2$	2$	3$	6$	4$	4$	2$	7$	3$	5$	5$	2$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$	0$
14$	1$	1$	1$	1$	1$	1$	1$	1$	2$	2$	2$	8$	4$	5$	2$	6$	4$	5$	8$	3$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$	0$
15$	3$	2$	2$	2$	2$	2$	2$	1$	1$	2$	2$	1$	7$	4$	3$	2$	5$	5$	2$	6$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$	0$
16$	2$	3$	2$	2$	2$	2$	2$	2$	1$	1$	2$	1$	1$	6$	4$	3$	2$	4$	5$	3$	5$	4$	1$	0$	1$	0$	0$	0$	0$	0$	0$
17$	1$	1$	2$	2$	2$	2$	2$	3$	2$	1$	2$	3$	1$	1$	6$	5$	3$	2$	4$	4$	3$	5$	5$	2$	0$	1$	0$	0$	0$	0$	0$
18$	0$	0$	0$	0$	0$	0$	0$	1$	3$	3$	0$	1$	3$	1$	1$	5$	7$	4$	2$	4$	5$	3$	5$	4$	2$	0$	1$	0$	0$	0$	0$
19$	1$	1$	1$	1$	1$	1$	1$	0$	1$	2$	3$	0$	1$	3$	1$	1$	3$	7$	5$	3$	4$	5$	2$	6$	4$	2$	1$	1$	1$	0$	0$
20$	2$	2$	2$	2$	2$	2$	2$	2$	0$	1$	2$	3$	0$	1$	3$	1$	1$	2$	7$	4$	2$	4$	5$	2$	6$	5$	1$	1$	1$	0$	0$
21$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	2$	3$	0$	1$	3$	2$	1$	1$	8$	4$	3$	4$	4$	2$	5$	5$	2$	1$	0$	0$

22$	2$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	0$	1$	3$	4$	0$	1$	2$	2$	1$	0$	8$	3$	3$	4$	4$	3$	5$	5$				
23$	5$	0$	0$	0$	0$	0$	0$	0$	1$	2$	1$	2$	1$	0$	2$	4$	1$	1$	2$	3$	1$	0$	8$	3$	4$	5$	4$	4$	4$				
24$	6$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	1$	1$	0$	2$	3$	1$	1$	1$	3$	1$	0$	8$	2$	3$	4$	3$	5$				
25$	5$	1$	1$	1$	1$	1$	1$	1$	0$	0$	0$	2$	1$	1$	1$	0$	2$	3$	1$	1$	2$	3$	1$	1$	8$	5$	4$	6$	4$				
26$	7$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	1$	2$	2$	0$	2$	3$	1$	0$	2$	3$	2$	2$	6$	5$	3$	6$				
27$	2$	0$	0$	0$	0$	0$	0$	0$	0$	1$	0$	0$	0$	2$	0$	1$	2$	0$	2$	3$	1$	0$	2$	1$	1$	1$	5$	4$	2$				
28$	7$	0$	0$	0$	0$	0$	0$	0$	0$	0$	1$	1$	1$	1$	3$	1$	2$	3$	1$	3$	5$	3$	2$	4$	3$	3$	3$	7$	8$				
29$	9$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	1$	1$	3$	2$	3$	5$	4$	3$	5$	5$	6$	6$	8$			
30$	8$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	1$	2$	1$	1$	2$	2$	3$	5$	6$	5$	6$	6$	7$	7$				
31$	3$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	0$	2$	2$	2$	2$	2$	2$	2$	3$	3$	3$	3$	3$				

TRANSITION MATRIX

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0893$	.0714$	.0714$	.0357$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0893$	.1071$	.0893$	.0893$	.0714$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0536$	.0536$	.0714$	.0714$	.0893$	.1250$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0714$	.0714$	.0357$	.0536$	.0536$	.0536$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0714$	.0536$	.0714$	.0893$	.0893$	.1071$	.1250$	.0714$	.0357$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0536$	.0893$	.0714$	.0536$	.0714$	.0714$	.0714$	.1607$	.1250$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0893$	.0357$	.0714$	.0714$	.0536$	.0536$	.0714$	.0714$	.0893$	.1071$	.0714$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0357$	.0714$	.0714$	.0893$	.1071$	.0893$	.0893$	.0893$	.0714$	.1250$	.0714$	.0179$	.0000$	.0179$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0893$	.0893$	.0893$	.0893$	.0893$	.1071$	.1071$	.0893$	.0714$	.1071$	.0714$	.1250$	.0714$	.0357$	.0000$	.0000$	.0179$	.0000$	.0000$	.0000$
11$	.0357$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0893$	.0536$	.0536$	.1071$	.1071$	.1429$	.1250$	.0536$	.0179$	.0000$	.0179$	.0000$	.0000$
12$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0893$	.1071$	.0714$	.0536$	.0714$	.0714$	.0714$	.1250$	.0714$	.0179$	.0000$	.0179$	.0000$
13$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0714$	.1071$	.0714$	.0536$	.0714$	.1071$	.0714$	.1250$	.0714$	.0179$	.0000$	.0179$
14$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0357$	.0536$	.1071$	.0714$	.0714$	.0357$	.1250$	.0536$	.0893$	.0893$	.0357$
15$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0357$	.0357$	.0357$	.1429$	.0714$	.0893$	.0357$	.1071$	.0714$	.0893$	.1429$	.0536$
16$	.0357$	.0536$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0179$	.0357$	.0357$	.0179$	.1250$	.0714$	.0536$	.0357$	.0893$	.0893$	.0357$	.1071$
17$	.0179$	.0179$	.0357$	.0357$	.0357$	.0357$	.0357$	.0536$	.0357$	.0179$	.0357$	.0179$	.0179$	.1071$	.0714$	.0536$	.0357$	.0714$	.0893$	.0536$
18$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0536$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.1071$	.0893$	.0536$	.0357$	.0714$
19$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.0893$	.1250$	.0714$	.0357$
20$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.0536$	.1250$	.0893$
21$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0179$	.0179$	.0357$	.1250$
22$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0000$	.0179$	.0357$	.0536$	.0000$	.0179$	.0536$	.0357$	.0179$	.0179$	.1429$
23$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0357$	.0179$	.0357$	.0000$	.0179$	.0536$	.0714$	.0000$	.0179$	.0357$	.0357$	.0179$
24$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0000$	.0357$	.0714$	.0179$	.0179$	.0357$	.0536$	.0179$
25$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$	.0179$
26$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0179$	.0000$	.0357$	.0536$	.0179$	.0179$	.0357$
27$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0357$	.0357$	.0000$	.0357$	.0536$	.0179$	.0000$
28$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0179$	.0179$	.0179$	.0179$	.0536$	.0179$	.0357$	.0000$	.0357$	.0536$	.0179$
29$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0179$	.0179$	.0536$	.0357$	.0536$
30$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0179$	.0357$	.0179$	.0179$	.0357$	.0357$	.0357$
31$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0357$	.0357$	.0357$	.0357$

TRANSITION MATRIX

S/E ZONE $	21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
2$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
3$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
4$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
5$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
6$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
7$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
8$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
9$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
10$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
11$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
12$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
13$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
14$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
15$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
16$	.0893$	.0714$	.0179$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$	.0000$
17$	.0536$	.0893$	.0893$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$	.0000$
18$	.0893$	.0536$	.0893$	.0714$	.0357$	.0000$	.0179$	.0000$	.0000$	.0000$	.0000$
19$	.0714$	.0893$	.0357$	.1071$	.0714$	.0357$	.0179$	.0179$	.0000$	.0000$	.0000$
20$	.0357$	.0714$	.0893$	.0357$	.1071$	.0893$	.0179$	.0179$	.0179$	.0179$	.0179$
21$	.0714$	.0536$	.0714$	.0714$	.0357$	.0893$	.0893$	.0357$	.0179$	.0000$	.0000$
22$	.1429$	.0536$	.0536$	.0714$	.0714$	.0536$	.0893$	.0893$	.0357$	.0357$	.0357$
23$	.0000$	.1429$	.0536$	.0714$	.0893$	.0714$	.0714$	.0714$	.0893$	.0714$	.0714$
24$	.0179$	.0000$	.1429$	.0357$	.0536$	.0714$	.0536$	.0893$	.1071$	.1429$	.1429$
25$	.0536$	.0179$	.0179$	.1429$	.0893$	.0714$	.1071$	.0714$	.0893$	.0536$	.0714$
26$	.0357$	.0536$	.0357$	.0357$	.1071$	.0893$	.0536$	.1071$	.1250$	.1250$	.1071$
27$	.0000$	.0357$	.0179$	.0179$	.0179$	.0893$	.0714$	.0357$	.0357$	.0536$	.0536$
28$	.0536$	.0357$	.0714$	.0536$	.0536$	.0536$	.1250$	.1429$	.1250$	.1429$	.1429$
29$	.0893$	.0714$	.0536$	.0893$	.0893$	.1071$	.1071$	.1429$	.1607$	.1607$	.1607$
30$	.0536$	.0893$	.1071$	.0893$	.1071$	.1071$	.1250$	.1250$	.1429$	.1250$	.1250$
31$	.0357$	.0357$	.0357$	.0536$	.0536$	.0536$	.0536$	.0536$	.0536$	.0714$	.0714$

STEADY STATE TABLE

S/E ZONE $	1$	2$	3$	4$	5$	6$	7$	8$	9$	10$	11$	12$	13$	14$	15$	16$	17$	18$	19$	20$
1$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$
2$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$
3$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$
4$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
5$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$
6$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$
7$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$
8$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$
9$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$
10$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$
11$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$
12$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
13$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$
14$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$
15$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$
16$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$
17$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$
18$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$
19$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$
20$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$
21$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$
22$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$
23$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$
24$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$
25$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$
26$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$
27$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$
28$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$
29$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$
30$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$
31$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$

STEADY STATE TABLE

S/E ZONE	$ 21$	22$	23$	24$	25$	26$	27$	28$	29$	30$	31$
1$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$	.0003$
2$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$	.0006$
3$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$	.0012$
4$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$	.0027$
5$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$	.0038$
6$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$
7$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$	.0075$
8$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$	.0100$
9$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$	.0138$
10$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$	.0195$
11$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$	.0178$
12$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$	.0242$
13$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$	.0240$
14$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$	.0305$
15$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$	.0286$
16$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$	.0295$
17$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$	.0351$
18$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$	.0373$
19$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$	.0417$
20$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$	.0450$
21$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$	.0427$
22$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$	.0485$
23$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$	.0568$
24$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$	.0602$
25$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$	.0526$
26$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$	.0600$
27$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$	.0310$
28$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$	.0715$
29$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$	.0799$
30$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$	.0778$
31$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$	.0383$

**** PROBABILITIES ****

ZONE $	STEADY STATE$	FAILURE $	PRODUCT
1$	.000286$	.306548$	.000088$
2$	.000634$	.153274$	.000097$
3$	.001222$	.055060$	.000067$
4$	.002661$	.022321$	.000059$
5$	.003753$	.004464$	.000017$
6$	.007484$	.001488$	.000011$
7$	.007499$	.000000$	.000000$
8$	.010050$	.000000$	.000000$
9$	.013821$	.000000$	.000000$
10$	.019511$	.000000$	.000000$
11$	.017817$	.000000$	.000000$
12$	.024207$	.000000$	.000000$
13$	.023955$	.000000$	.000000$
14$	.030483$	.000000$	.000000$
15$	.028568$	.000000$	.000000$
16$	.029476$	.000000$	.000000$
17$	.035119$	.000000$	.000000$
18$	.037345$	.000000$	.000000$
19$	.041697$	.000000$	.000000$
20$	.045008$	.000000$	.000000$
21$	.042740$	.000000$	.000000$
22$	.048471$	.000000$	.000000$
23$	.056751$	.000000$	.000000$
24$	.060246$	.000000$	.000000$
25$	.052647$	.000000$	.000000$
26$	.060022$	.000000$	.000000$
27$	.030997$	.000000$	.000000$
28$	.071527$	.000000$	.000000$
29$	.079944$	.000000$	.000000$
30$	.077763$	.000000$	.000000$
31$	.038297$	.000000$	.000000$

$PROBABILITY OF FAILURE=$ .03$ PER CENT

$AT ANNUAL DEMAND=$ 197000.$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1934	1	1.00	12609.	-6433.	13387.	677964.	87176.	15336.	-5775.	0.	5135.	91002.	174673.	89766.
1934	2	1.00	4803.	5395.	1406.	675372.	16187.	14065.	3064.	0.	4709.	464.	174673.	5141.
1934	3	.98	1467.	4346.	1406.	670493.	4204.	15347.	2980.	0.	5525.	0.	161956.	5525.
1934	4	1.00	16227.	-772.	6698.	677964.	26969.	16071.	1693.	0.	5786.	3186.	174673.	8749.
1934	5	.95	865.	10471.	1406.	666358.	4153.	18471.	6533.	14168.	6184.	0.	141060.	19360.
1934	6	.90	1183.	16821.	1406.	648720.	2162.	17253.	9615.	248.	6211.	0.	117513.	6442.
1934	7	.90	16866.	12949.	1406.	650636.	23466.	19560.	5786.	0.	7042.	0.	117038.	7042.
1934	8	.88	1553.	15328.	1406.	634861.	29031.	19541.	8237.	0.	7035.	0.	119697.	7035.
1934	9	.87	1344.	10239.	1406.	623966.	15995.	15976.	3354.	2474.	5751.	0.	115294.	8052.
1934	10	.85	7420.	9913.	1406.	619473.	12435.	15519.	6017.	0.	5587.	0.	107599.	5587.
1934	11	.96	23635.	-2443.	1406.	643551.	89980.	14992.	-2401.	0.	5397.	11721.	174673.	16298.
1934	12	.96	6166.	-744.	1406.	648462.	11945.	14871.	1904.	0.	5354.	0.	171249.	5354.
1935	1	.94	1264.	4465.	1406.	643261.	4187.	14570.	1480.	0.	5245.	0.	160792.	5245.
1935	2	.96	9795.	0.	1406.	651056.	18047.	13362.	2186.	0.	4810.	0.	164696.	4810.
1935	3	.96	3229.	3736.	1406.	648549.	18557.	15347.	-1501.	0.	5525.	0.	170813.	5525.
1935	4	.97	9227.	3240.	1406.	652536.	61121.	16071.	3658.	0.	5786.	38938.	174673.	41998.
1935	5	1.00	124713.	772.	69254.	677964.	130464.	16624.	4043.	0.	5985.	179052.	174673.	172503.
1935	6	1.00	549238.	-12867.	395159.	677964.	1181981.	19170.	-1155.	0.	6418.	1559100.	174673.	1456381.
1935	7	1.00	69573.	13381.	39503.	677964.	79910.	21734.	10203.	0.	7276.	87476.	174673.	88629.
1935	8	1.00	30233.	18270.	8410.	677964.	122344.	21712.	12128.	0.	7269.	96913.	174673.	97399.
1935	9	1.00	82634.	-19300.	71659.	677964.	287015.	17751.	-8470.	0.	5943.	347126.	174673.	328770.
1935	10	1.00	12480.	6176.	4432.	677964.	52953.	17243.	4428.	0.	5773.	35714.	174673.	38987.
1935	11	.98	3349.	4366.	1406.	674947.	3268.	15781.	4067.	0.	5284.	0.	159499.	5284.
1935	12	.99	4102.	-3602.	3295.	677964.	11381.	14871.	-2923.	0.	5354.	0.	162226.	5354.
1936	1	.97	3472.	3598.	1406.	675838.	3273.	14570.	1949.	0.	5245.	0.	150387.	5245.
1936	2	.95	2342.	3840.	1406.	672340.	0.	13362.	2168.	0.	4810.	0.	136263.	4810.
1936	3	.96	2240.	3568.	1406.	669012.	23443.	15347.	331.	0.	5525.	0.	145434.	5525.
1936	4	.93	3434.	6338.	1406.	664108.	4210.	16071.	2448.	0.	5786.	0.	132530.	5786.
1936	5	1.00	16544.	-6920.	6754.	677964.	105293.	16624.	-5583.	0.	5985.	53176.	174673.	55439.
1936	6	1.00	22817.	-772.	16583.	677964.	40085.	19170.	4043.	0.	6418.	33430.	174673.	37508.
1936	7	1.00	139880.	6176.	93994.	677964.	253210.	21734.	4428.	0.	7276.	321043.	174673.	305846.
1936	8	.96	2539.	13270.	1406.	665233.	3925.	21712.	5804.	0.	7269.	0.	152487.	7269.
1936	9	1.00	25384.	4612.	5653.	677964.	130406.	15976.	-1925.	0.	5751.	97348.	174673.	96285.
1936	10	1.00	51271.	6176.	31702.	677964.	151548.	17243.	5005.	0.	5773.	161002.	174673.	155505.
1936	11	1.00	7547.	3603.	2773.	677964.	20875.	15781.	4041.	0.	5284.	3826.	174673.	8842.
1936	12	1.00	5108.	2831.	1601.	677964.	13130.	15654.	1717.	0.	5241.	0.	172033.	5241.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1937	1	.99	3734.	2572.	1406.	677126.	6686.	14570.	1308.	0.	5245.	0.	164248.	5245.
1937	2	.97	2762.	4360.	1406.	673529.	2524.	13362.	2499.	0.	4810.	0.	152316.	4810.
1937	3	.95	3279.	4341.	1406.	670467.	1962.	15347.	2686.	0.	5525.	0.	137651.	5525.
1937	4	.91	1792.	9620.	1406.	660639.	8.	16071.	5654.	0.	5786.	0.	117340.	5786.
1937	5	.88	1215.	7024.	1406.	652830.	1488.	16624.	4491.	5686.	5985.	0.	93432.	11273.
1937	6	.86	8179.	11957.	1406.	647052.	12459.	17253.	4863.	248.	6211.	0.	84932.	6442.
1937	7	.82	725.	12819.	1406.	632958.	1064.	19560.	5236.	0.	7042.	0.	62606.	7042.
1937	8	.79	70.	14794.	1406.	616234.	14593.	19541.	5316.	0.	7035.	0.	53748.	7035.
1937	9	.75	1317.	14542.	1406.	601009.	3016.	15976.	4515.	2474.	5751.	0.	35205.	8052.
1937	10	.71	1130.	11272.	1406.	588867.	758.	15519.	2569.	0.	5587.	0.	19281.	5587.
1937	11	.69	337.	6958.	2553.	578614.	0.	14992.	871.	0.	5397.	0.	5971.	5397.
1937	12	.84	42015.	-15937.	1406.	634566.	83477.	14871.	-4649.	0.	5354.	0.	80631.	5354.
1938	1	1.00	48364.	3259.	1406.	677671.	140974.	14570.	2499.	0.	5245.	31269.	174673.	34326.
1938	2	.98	1687.	3336.	1406.	674022.	4416.	13362.	1880.	0.	4810.	0.	165253.	4810.
1938	3	.96	2043.	6628.	1406.	667437.	620.	15347.	4233.	0.	5525.	0.	147698.	5525.
1938	4	1.00	27871.	2831.	10203.	677964.	82600.	16071.	3080.	0.	5786.	46677.	174673.	49195.
1938	5	1.00	9357.	6948.	1694.	677964.	38619.	18471.	3273.	0.	6184.	13097.	174673.	18364.
1938	6	.95	622.	15020.	1406.	661566.	0.	19170.	8401.	25.	6418.	0.	148483.	6442.
1938	7	.89	430.	18958.	1406.	641038.	0.	19560.	12076.	0.	7042.	0.	118252.	7042.
1938	8	.90	0.	12734.	1406.	626304.	46564.	19541.	6611.	0.	7035.	0.	140070.	7035.
1938	9	.86	194.	12059.	1406.	612439.	2376.	15976.	6173.	2474.	5751.	0.	119229.	8052.
1938	10	.82	0.	12587.	1406.	597852.	0.	15519.	6746.	0.	5587.	0.	98371.	5587.
1938	11	.79	121.	8200.	1406.	587773.	990.	14992.	3279.	0.	5397.	0.	82495.	5397.
1938	12	.78	4458.	0.	1406.	590231.	7955.	14871.	-964.	0.	5354.	0.	77949.	5354.
1939	1	.76	1354.	1866.	1406.	587719.	0.	14570.	1132.	0.	5245.	0.	63653.	5245.
1939	2	.74	560.	3717.	1406.	582562.	0.	13362.	1915.	0.	4810.	0.	49782.	4810.
1939	3	.71	438.	7146.	1406.	573854.	0.	15347.	2225.	0.	5525.	0.	33616.	5525.
1939	4	.68	0.	10477.	1406.	561377.	0.	16071.	2179.	0.	5786.	0.	16772.	5786.
1939	5	.78	9108.	7686.	1406.	560799.	112167.	16624.	3887.	5686.	5985.	0.	104148.	11273.
1939	6	.82	6915.	5647.	1406.	560067.	54993.	17253.	3139.	248.	6211.	0.	139906.	6442.
1939	7	.84	24844.	13620.	1406.	569291.	31150.	19560.	9737.	0.	7042.	0.	143165.	7042.
1939	8	.82	6245.	8876.	1406.	564660.	13545.	19541.	7813.	0.	7035.	0.	130762.	7035.
1939	9	.84	15530.	7063.	1406.	571127.	31365.	15976.	3847.	2474.	5751.	0.	141236.	8052.
1939	10	.84	10489.	9371.	1406.	570245.	26396.	15519.	6943.	0.	5587.	0.	146576.	5587.
1939	11	.81	755.	4554.	1406.	564446.	0.	14992.	3723.	0.	5397.	0.	129267.	5397.
1939	12	.79	511.	3395.	1406.	559563.	0.	14871.	2093.	0.	5354.	0.	113709.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1940	1	.77	735.	2927.	1406.	555371.	0.	14570.	1516.	0.	5245.	0.	99029.	5245.
1940	2	.75	1819.	2691.	1406.	552500.	24.	13362.	1790.	0.	4810.	0.	85307.	4810.
1940	3	.74	595.	4907.	1406.	546188.	16816.	15347.	2460.	0.	5525.	0.	85722.	5525.
1940	4	.86	28596.	4726.	1406.	568058.	101394.	16071.	4282.	0.	5786.	0.	168169.	5786.
1940	5	.88	14953.	3437.	1406.	577575.	77491.	16624.	4428.	0.	5985.	45654.	174673.	48443.
1940	6	.96	67988.	-2153.	1406.	645715.	197347.	17253.	-963.	0.	6211.	182462.	174673.	175901.
1940	7	1.00	48402.	12368.	2661.	677964.	246918.	19560.	7893.	0.	7042.	222126.	174673.	213619.
1940	8	1.00	18758.	13124.	3961.	677964.	51639.	21712.	9626.	0.	7269.	24262.	174673.	29833.
1940	9	.97	632.	15524.	1406.	661072.	15999.	17751.	9028.	2268.	5943.	0.	163031.	8052.
1940	10	.96	3712.	5783.	1406.	657000.	16213.	15519.	2188.	0.	5587.	0.	162943.	5587.
1940	11	.98	9671.	2767.	1406.	661904.	28780.	14992.	1504.	0.	5397.	1959.	174673.	7219.
1940	12	1.00	13033.	-1270.	1406.	674207.	27372.	14871.	-578.	0.	5354.	14484.	174673.	18824.
1941	1	1.00	12759.	1287.	5424.	677964.	7077.	14570.	1524.	0.	5245.	0.	171080.	5245.
1941	2	1.00	42641.	-772.	30519.	677964.	50648.	13362.	-1733.	0.	4810.	65945.	174673.	66140.
1941	3	1.00	10490.	257.	7194.	677964.	10128.	17052.	-193.	0.	5709.	462.	174673.	6139.
1941	4	1.00	84973.	-5147.	63354.	677964.	106142.	17857.	-4043.	0.	5979.	152563.	174673.	147863.
1941	5	1.00	138576.	-1287.	98323.	677964.	414688.	18471.	-4428.	0.	6184.	493496.	174673.	465136.
1941	6	1.00	20955.	2831.	12741.	677964.	124998.	19170.	193.	0.	6418.	118351.	174673.	116485.
1941	7	1.00	6123.	6935.	1406.	675152.	89720.	21734.	5775.	0.	7276.	63617.	174673.	66440.
1941	8	.96	4517.	13491.	1406.	664178.	8278.	19541.	8543.	0.	7035.	0.	156273.	7035.
1941	9	1.00	111498.	1029.	67968.	677964.	160639.	15976.	3850.	0.	5751.	187906.	174673.	180504.
1941	10	1.00	10138.	4889.	3690.	677964.	21300.	17243.	2695.	0.	5773.	5052.	174673.	10471.
1941	11	.97	2006.	5896.	1406.	672074.	1318.	15781.	4050.	0.	5284.	0.	157565.	5284.
1941	12	.95	1576.	4581.	1406.	667069.	27.	14871.	1722.	0.	5354.	0.	142405.	5354.
1942	1	.92	1126.	5307.	1406.	660887.	0.	14570.	2869.	0.	5245.	0.	126372.	5245.
1942	2	.91	1403.	252.	1406.	660039.	960.	13362.	-601.	0.	4810.	0.	115977.	4810.
1942	3	.88	884.	8266.	1406.	650656.	0.	15347.	4120.	0.	5525.	0.	97916.	5525.
1942	4	.87	5209.	3489.	1406.	650376.	8594.	16071.	2190.	0.	5786.	0.	89655.	5786.
1942	5	.86	10165.	4743.	1406.	653797.	16997.	16624.	2716.	5686.	5985.	0.	83031.	11273.
1942	6	.83	417.	11180.	1406.	641034.	6330.	17253.	4169.	248.	6211.	0.	69096.	6442.
1942	7	1.00	176276.	-3345.	100312.	677964.	468366.	19560.	-6545.	0.	7042.	450087.	174673.	425622.
1942	8	1.00	10632.	5147.	3856.	677964.	17450.	21712.	2663.	0.	7269.	0.	171604.	7269.
1942	9	1.00	104488.	-1287.	74360.	677964.	388926.	15976.	1155.	0.	5751.	440611.	174673.	415520.
1942	10	1.00	28353.	5919.	15771.	677964.	31445.	17243.	3658.	0.	5773.	26316.	174673.	30247.
1942	11	.97	1946.	8699.	1406.	669211.	5453.	15781.	5717.	0.	5284.	0.	160034.	5284.
1942	12	.94	1280.	6835.	1406.	661656.	592.	14871.	4478.	0.	5354.	0.	142683.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1943	1	.92	1459.	2769.	1406.	658346.	938.	14570.	647.	0.	5245.	0.	129810.	5245.
1943	2	.90	1172.	6758.	1406.	650761.	16.	13362.	3437.	0.	4810.	0.	114433.	4810.
1943	3	.87	1770.	5716.	1406.	644814.	1688.	15347.	2620.	0.	5525.	0.	99560.	5525.
1943	4	.84	945.	9119.	1406.	634641.	0.	16071.	4513.	0.	5786.	0.	80381.	5786.
1943	5	.81	3573.	5138.	1406.	631075.	3225.	16624.	1582.	5686.	5985.	0.	61119.	11273.
1943	6	.92	30515.	6424.	1406.	653167.	88193.	17253.	3878.	248.	6211.	0.	129340.	6442.
1943	7	.93	27087.	11577.	1406.	666676.	19459.	19560.	6236.	0.	7042.	0.	124409.	7042.
1943	8	.87	0.	18805.	1406.	645871.	0.	19541.	9778.	0.	7035.	0.	96495.	7035.
1943	9	.88	2130.	3467.	1406.	642534.	33410.	15976.	1091.	2474.	5751.	0.	111770.	8052.
1943	10	.85	443.	12757.	1406.	628221.	8233.	15519.	6505.	0.	5587.	0.	99386.	5587.
1943	11	.84	2333.	2675.	1406.	625879.	3745.	14992.	906.	0.	5397.	0.	88638.	5397.
1943	12	.82	510.	2666.	1406.	621723.	2149.	14871.	122.	0.	5354.	0.	77200.	5354.
1944	1	.81	990.	-1451.	1406.	622164.	7001.	14570.	-348.	0.	5245.	0.	71386.	5245.
1944	2	.79	440.	3137.	1406.	617468.	0.	13362.	1307.	0.	4810.	0.	58123.	4810.
1944	3	.79	3183.	722.	1406.	617928.	12904.	15347.	515.	0.	5525.	0.	56571.	5525.
1944	4	.76	866.	9576.	1406.	607218.	0.	16071.	3079.	0.	5786.	0.	38826.	5786.
1944	5	.90	71463.	-1236.	1406.	677917.	69153.	16624.	-761.	5686.	5985.	0.	87835.	11273.
1944	6	1.00	13089.	10808.	1570.	677964.	169816.	17253.	7504.	0.	6211.	59543.	174673.	61587.
1944	7	.94	1564.	19055.	1406.	658473.	1607.	21734.	12101.	0.	7276.	0.	143852.	7276.
1944	8	.94	8715.	8536.	1406.	656652.	22563.	19541.	3836.	0.	7035.	0.	144444.	7035.
1944	9	.98	19295.	10822.	1406.	663125.	336315.	15976.	5005.	0.	5751.	284037.	174673.	269906.
1944	10	.96	9430.	11340.	1406.	659215.	6750.	15519.	7882.	0.	5587.	0.	159429.	5587.
1944	11	.94	483.	2008.	1406.	655689.	2318.	14992.	1225.	0.	5397.	0.	146936.	5397.
1944	12	.93	1592.	751.	1406.	654530.	1766.	14871.	331.	0.	5354.	0.	134905.	5354.
1945	1	.91	5035.	4502.	1406.	653063.	2032.	14570.	2626.	0.	5245.	0.	121148.	5245.
1945	2	.91	9141.	2255.	1406.	657949.	9109.	13362.	1331.	0.	4810.	0.	116970.	4810.
1945	3	.91	2032.	3760.	1406.	654221.	18645.	15347.	2203.	0.	5525.	0.	119471.	5525.
1945	4	1.00	26463.	3541.	1406.	675143.	117552.	16071.	1132.	0.	5786.	46553.	174673.	49080.
1945	5	.98	340.	11691.	1406.	661792.	38546.	16624.	7700.	0.	5985.	15627.	174673.	20518.
1945	6	.99	16638.	6837.	1406.	669593.	36009.	17253.	5775.	0.	6211.	14386.	174673.	19590.
1945	7	.95	1845.	12627.	1406.	656812.	1799.	19560.	8080.	0.	7042.	0.	150237.	7042.
1945	8	.90	0.	14427.	1406.	640384.	0.	19541.	6432.	0.	7035.	0.	125670.	7035.
1945	9	.85	948.	12975.	1406.	626358.	0.	15976.	7468.	2474.	5751.	0.	101158.	8052.
1945	10	.98	44421.	4462.	1406.	664317.	224000.	15519.	3273.	0.	5587.	133100.	174673.	129370.
1945	11	.95	307.	8300.	1406.	654323.	0.	14992.	6017.	0.	5397.	0.	155070.	5397.
1945	12	.92	322.	4987.	1406.	647658.	0.	14871.	2711.	0.	5354.	0.	138893.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI----------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1946	1	.91	560.	248.	1406.	645970.	1610.	14570.	-320.	0.	5245.	0.	127659.	5245.
1946	2	.89	298.	2228.	1406.	642040.	0.	13362.	749.	0.	4810.	0.	114954.	4810.
1946	3	.87	2074.	6647.	1406.	635466.	8898.	15347.	3646.	0.	5525.	0.	106265.	5525.
1946	4	.89	15960.	4438.	1406.	644988.	26930.	16071.	2400.	0.	5786.	0.	116129.	5786.
1946	5	.98	18011.	-1500.	1406.	662499.	149199.	16624.	385.	0.	5985.	69365.	174673.	70495.
1946	6	.99	14147.	7084.	1406.	667562.	119961.	17253.	3465.	0.	6211.	100648.	174673.	99814.
1946	7	.93	0.	17579.	1406.	647983.	1314.	19560.	10300.	0.	7042.	0.	147533.	7042.
1946	8	1.00	43717.	8598.	3612.	677964.	51900.	19541.	6658.	0.	7035.	2173.	174673.	9056.
1946	9	1.00	106530.	2316.	73262.	677964.	197402.	17751.	-385.	0.	5943.	244709.	174673.	233523.
1946	10	1.00	118574.	-515.	83719.	677964.	446756.	17243.	-2118.	0.	5773.	515350.	174673.	485049.
1946	11	.98	2060.	6407.	1406.	671617.	5146.	15781.	3901.	0.	5284.	0.	161543.	5284.
1946	12	.95	1108.	4070.	1406.	666655.	987.	14871.	2626.	0.	5354.	0.	146439.	5354.
1947	1	.95	1450.	-1268.	1406.	667374.	5394.	14570.	-502.	0.	5245.	0.	139172.	5245.
1947	2	.92	476.	5559.	1406.	660290.	0.	13362.	3297.	0.	4810.	0.	123919.	4810.
1947	3	.90	1384.	5772.	1406.	653903.	2610.	15347.	3052.	0.	5525.	0.	109536.	5525.
1947	4	.89	598.	3991.	1406.	648510.	16828.	16071.	1406.	0.	5786.	0.	110293.	5786.
1947	5	.98	10242.	0.	1406.	656752.	149170.	16624.	-578.	0.	5985.	64463.	174673.	65935.
1947	6	.97	13468.	11789.	1406.	656431.	28981.	17253.	7850.	0.	6211.	5283.	174673.	11125.
1947	7	.96	6218.	17928.	1406.	642721.	46450.	19560.	12128.	0.	7042.	16168.	174673.	22078.
1947	8	.95	1442.	10080.	1406.	632083.	25071.	19541.	4786.	0.	7035.	2150.	174673.	9034.
1947	9	.90	0.	15741.	1406.	614342.	0.	15976.	10686.	163.	5751.	0.	149254.	5903.
1947	10	.86	0.	10483.	1406.	601859.	0.	15519.	6464.	0.	5587.	0.	128678.	5587.
1947	11	.84	789.	5658.	1406.	594990.	5143.	14992.	1515.	0.	5397.	0.	118720.	5397.
1947	12	.82	105.	1875.	1406.	591220.	0.	14871.	711.	0.	5354.	0.	104544.	5354.
1948	1	.79	0.	3963.	1406.	585258.	0.	14570.	1967.	0.	5245.	0.	89413.	5245.
1948	2	.77	135.	0.	1406.	583393.	0.	13362.	244.	0.	4810.	0.	77213.	4810.
1948	3	.75	0.	5080.	1406.	576312.	0.	15347.	1902.	0.	5525.	0.	61369.	5525.
1948	4	.72	0.	6866.	1406.	567446.	0.	16071.	2358.	0.	5786.	0.	44346.	5786.
1948	5	.68	0.	8826.	1406.	556620.	0.	16624.	2192.	5686.	5985.	0.	21249.	11273.
1948	6	.64	1169.	11813.	3496.	541003.	0.	17253.	1304.	248.	6211.	0.	5940.	6442.
1948	7	.72	26585.	11794.	1406.	553794.	73915.	19560.	2942.	0.	7042.	0.	58758.	7042.
1948	8	.68	0.	15096.	1406.	536699.	5896.	19541.	5716.	0.	7035.	0.	40803.	7035.
1948	9	.65	0.	7444.	1406.	527255.	8132.	15976.	1159.	2474.	5751.	0.	30732.	8052.
1948	10	.67	14220.	5684.	1406.	533791.	22665.	15519.	1695.	0.	5587.	0.	37589.	5587.
1948	11	.65	0.	5898.	1406.	525892.	4379.	14992.	1615.	0.	5397.	0.	26767.	5397.
1948	12	.62	0.	4553.	1406.	519339.	233.	14871.	948.	0.	5354.	0.	12586.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1949	1	.60	0.	859.	7937.	507191.	133.	14570.	108.	0.	5245.	0.	5978.	5245.
1949	2	.59	6427.	212.	10105.	499031.	3285.	13362.	0.	0.	4810.	0.	6006.	4810.
1949	3	.75	23421.	4480.	1406.	515972.	131112.	15347.	1729.	0.	5525.	0.	121448.	5525.
1949	4	.90	76290.	-5167.	1406.	595430.	159940.	16071.	-5005.	0.	5786.	97055.	174673.	96047.
1949	5	.91	14887.	8479.	1406.	599837.	216641.	16624.	7123.	0.	5985.	194300.	174673.	186684.
1949	6	.96	47734.	5550.	1406.	640021.	78380.	17253.	5390.	0.	6211.	57142.	174673.	59354.
1949	7	.96	14473.	9383.	1406.	643111.	85019.	19560.	6160.	0.	7042.	60705.	174673.	63497.
1949	8	.95	5632.	13777.	1406.	632966.	36875.	19541.	9616.	0.	7035.	9124.	174673.	15520.
1949	9	.91	0.	13349.	1406.	617617.	3989.	15976.	8705.	0.	5751.	0.	155387.	5751.
1949	10	.93	17238.	1455.	1406.	631400.	20834.	15519.	1430.	0.	5587.	0.	160679.	5587.
1949	11	.91	1798.	6330.	1406.	624869.	10173.	14992.	5790.	0.	5397.	0.	151476.	5397.
1949	12	.92	10912.	-488.	1406.	634268.	11345.	14871.	519.	0.	5354.	0.	148837.	5354.
1950	1	.89	49.	5126.	1406.	627191.	1710.	14570.	2319.	0.	5245.	0.	135065.	5245.
1950	2	.87	0.	3395.	1406.	621796.	685.	13362.	2322.	0.	4810.	0.	121472.	4810.
1950	3	.84	0.	8176.	1406.	611619.	917.	15347.	4529.	0.	5525.	0.	103919.	5525.
1950	4	.81	171.	5716.	1406.	604074.	3477.	16071.	3518.	0.	5786.	0.	89212.	5786.
1950	5	.84	11295.	4756.	1406.	608613.	41642.	16624.	3413.	5686.	5985.	0.	106537.	11273.
1950	6	.92	9116.	6439.	1406.	609290.	105877.	17253.	5762.	0.	6211.	15884.	174673.	20983.
1950	7	.88	45.	12544.	1406.	594791.	10350.	19560.	8404.	0.	7042.	0.	158465.	7042.
1950	8	.83	0.	15118.	1406.	577673.	0.	19541.	10499.	0.	7035.	0.	129831.	7035.
1950	9	.80	0.	11204.	1406.	564469.	8312.	15976.	7520.	2474.	5751.	0.	113579.	8052.
1950	10	.77	0.	11709.	1406.	550760.	15724.	15519.	6822.	0.	5587.	0.	108368.	5587.
1950	11	.74	0.	8880.	1406.	539880.	0.	14992.	4998.	0.	5397.	0.	89784.	5397.
1950	12	.71	0.	7031.	1406.	530849.	0.	14871.	3706.	0.	5354.	0.	72612.	5354.
1951	1	.68	0.	5663.	1406.	523185.	0.	14570.	2497.	0.	5245.	0.	56952.	5245.
1951	2	.66	0.	2381.	1406.	518805.	229.	13362.	1368.	0.	4810.	0.	43857.	4810.
1951	3	.64	0.	4519.	1406.	512286.	793.	15347.	1251.	0.	5525.	0.	29457.	5525.
1951	4	.61	0.	7892.	1406.	502394.	1008.	16071.	1650.	0.	5786.	0.	14150.	5786.
1951	5	.69	60288.	3277.	1406.	557405.	41567.	16624.	1329.	5686.	5985.	0.	33483.	11273.
1951	6	.83	35876.	6403.	1406.	584878.	110767.	17253.	3311.	248.	6211.	0.	124844.	6442.
1951	7	.78	0.	16775.	1406.	566103.	0.	19560.	9535.	0.	7042.	0.	97154.	7042.
1951	8	.72	0.	18872.	1406.	545231.	0.	19541.	9852.	0.	7035.	0.	69167.	7035.
1951	9	.90	50417.	-1142.	1406.	594790.	168500.	15976.	505.	0.	5751.	45445.	174673.	48015.
1951	10	.89	6225.	7967.	1406.	591048.	13728.	15519.	6732.	0.	5587.	0.	167557.	5587.
1951	11	.87	393.	4428.	1406.	585013.	1571.	14992.	2521.	0.	5397.	0.	153020.	5397.
1951	12	.84	0.	5782.	1406.	577232.	306.	14871.	3842.	0.	5354.	0.	136019.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1952	1	.81	0.	5960.	1406.	569272.	922.	14570.	3697.	0.	5245.	0.	120080.	5245.
1952	2	.80	6769.	2513.	1406.	571528.	6813.	13362.	2181.	0.	4810.	0.	112755.	4810.
1952	3	.77	1633.	5927.	1406.	565234.	0.	15347.	3921.	0.	5525.	0.	94893.	5525.
1952	4	.77	6853.	4770.	1406.	565317.	9761.	16071.	1531.	0.	5786.	0.	88458.	5786.
1952	5	.77	13278.	5470.	1406.	571125.	21222.	16624.	4545.	5686.	5985.	0.	84230.	11273.
1952	6	.82	4251.	10243.	1406.	563132.	73717.	17253.	6507.	248.	6211.	0.	135345.	6442.
1952	7	.79	0.	11914.	1406.	549218.	10726.	19560.	5242.	0.	7042.	0.	122675.	7042.
1952	8	.73	0.	18526.	1406.	528692.	198.	19541.	10865.	0.	7035.	0.	93872.	7035.
1952	9	.72	0.	5000.	1406.	521692.	17513.	15976.	-2101.	2474.	5751.	0.	96442.	8052.
1952	10	.69	0.	11611.	1406.	508081.	0.	15519.	6231.	0.	5587.	0.	76099.	5587.
1952	11	.67	0.	1279.	1406.	504802.	979.	14992.	563.	0.	5397.	0.	62929.	5397.
1952	12	.65	0.	2122.	1406.	500680.	1484.	14871.	1209.	0.	5354.	0.	49738.	5354.
1953	1	.62	0.	5904.	1406.	492776.	2080.	14570.	2135.	0.	5245.	0.	36520.	5245.
1953	2	.60	0.	2513.	1406.	488262.	968.	13362.	606.	0.	4810.	0.	24926.	4810.
1953	3	.58	0.	6032.	1406.	480231.	1254.	15347.	1053.	0.	5525.	0.	11185.	5525.
1953	4	.57	446.	5569.	1406.	473108.	12888.	16071.	700.	0.	5786.	0.	8708.	5786.
1953	5	.65	31122.	5205.	1406.	497025.	68114.	16624.	1937.	5686.	5985.	0.	53980.	11273.
1953	6	.60	0.	14216.	1406.	480809.	0.	17253.	4873.	248.	6211.	0.	33012.	6442.
1953	7	.56	5.	15594.	1406.	463220.	48.	19560.	2976.	0.	7042.	0.	11929.	7042.
1953	8	.58	12604.	6110.	1406.	467713.	33348.	19541.	44.	0.	7035.	0.	27099.	7035.
1953	9	.96	180066.	5829.	1406.	639950.	268221.	15976.	6292.	0.	5751.	97311.	174673.	96250.
1953	10	.99	30721.	-1753.	1406.	670425.	47881.	15519.	-5005.	0.	5587.	38774.	174673.	41646.
1953	11	.98	1255.	7350.	1406.	662330.	33853.	14992.	5390.	0.	5397.	14877.	174673.	19232.
1953	12	.95	67.	5279.	1406.	655118.	219.	14871.	3141.	0.	5354.	0.	158286.	5354.
1954	1	.93	14.	4742.	1406.	648390.	1499.	14570.	2933.	0.	5245.	0.	143688.	5245.
1954	2	.90	0.	7917.	1406.	638473.	1373.	13362.	4797.	0.	4810.	0.	128307.	4810.
1954	3	.87	0.	9297.	1406.	627176.	1263.	15347.	5131.	0.	5525.	0.	110498.	5525.
1954	4	.85	6098.	5104.	1406.	626170.	5848.	16071.	2456.	0.	5786.	0.	99224.	5786.
1954	5	.82	6606.	8244.	1406.	622532.	3015.	16624.	4102.	5686.	5985.	0.	77233.	11273.
1954	6	.86	19590.	10445.	1406.	629676.	48472.	17253.	3801.	248.	6211.	0.	105809.	6442.
1954	7	.92	932.	16188.	1406.	612421.	138607.	19560.	11302.	0.	7042.	40287.	174673.	44508.
1954	8	.87	0.	17995.	1406.	592425.	1101.	19541.	11643.	0.	7035.	0.	145996.	7035.
1954	9	.82	0.	13928.	1406.	576498.	3468.	15976.	7293.	2474.	5751.	0.	125127.	8052.
1954	10	.80	1103.	8923.	1406.	566678.	10715.	15519.	3283.	0.	5587.	0.	118446.	5587.
1954	11	.79	477.	5665.	1406.	559490.	11152.	14992.	3319.	0.	5397.	0.	112692.	5397.
1954	12	.76	0.	7853.	1406.	549637.	271.	14871.	4457.	0.	5354.	0.	95041.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1955	1	.73	0.	3558.	1406.	544079.	526.	14570.	2118.	0.	5245.	0.	80285.	5245.
1955	2	.72	1446.	2656.	1406.	540869.	6468.	13362.	1872.	0.	4810.	0.	72925.	4810.
1955	3	.69	0.	8571.	1406.	530298.	791.	15347.	4300.	0.	5525.	0.	55475.	5525.
1955	4	.65	0.	10423.	1406.	517875.	102.	16071.	3727.	0.	5786.	0.	37185.	5786.
1955	5	.66	28501.	8493.	1406.	535883.	15534.	16624.	3105.	5686.	5985.	0.	28709.	11273.
1955	6	.64	2412.	16351.	1406.	519944.	15543.	17253.	3895.	248.	6211.	0.	24262.	6442.
1955	7	.59	97.	18404.	555.	500848.	3804.	19560.	2902.	0.	7042.	0.	6159.	7042.
1955	8	.56	3584.	14585.	13403.	470782.	6838.	19541.	1246.	0.	7035.	0.	5613.	7035.
1955	9	.56	1509.	9779.	1406.	460512.	25937.	15976.	86.	2474.	5751.	0.	14419.	8052.
1955	10	.57	2320.	12272.	1406.	448561.	38360.	15519.	2526.	0.	5587.	0.	36141.	5587.
1955	11	.54	0.	7551.	1406.	439010.	1284.	14992.	2094.	0.	5397.	0.	21744.	5397.
1955	12	.52	0.	5501.	1406.	431509.	980.	14871.	968.	0.	5354.	0.	8290.	5354.
1956	1	.49	0.	3852.	11645.	411092.	968.	14570.	474.	0.	5245.	0.	5860.	5245.
1956	2	.46	0.	4849.	13327.	387286.	481.	13362.	466.	0.	4810.	0.	5840.	4810.
1956	3	.43	0.	6991.	15289.	358546.	655.	15347.	661.	0.	5525.	0.	5775.	5525.
1956	4	.40	0.	6536.	11894.	335091.	4634.	16071.	355.	0.	5786.	0.	5877.	5786.
1956	5	.40	3515.	6373.	1406.	330233.	18578.	14777.	506.	0.	5320.	0.	10578.	5320.
1956	6	.37	907.	10311.	8752.	308381.	2948.	15336.	1238.	0.	5521.	0.	5703.	5521.
1956	7	.34	2952.	12663.	11744.	281965.	6926.	17387.	1435.	0.	6259.	0.	5551.	6259.
1956	8	.33	17679.	12878.	7166.	276572.	11600.	17370.	1390.	0.	6253.	0.	5558.	6253.
1956	9	.35	16880.	8944.	1406.	282508.	27107.	14201.	1646.	0.	5112.	0.	18224.	5112.
1956	10	.38	11668.	5665.	1406.	286512.	36895.	13794.	1738.	0.	4966.	0.	40992.	4966.
1956	11	.36	0.	5189.	1406.	279323.	1378.	14203.	2204.	0.	5113.	0.	27369.	5113.
1956	12	.35	0.	3015.	1406.	274308.	11256.	14089.	749.	0.	5072.	0.	25194.	5072.
1957	1	.33	0.	4174.	1406.	268134.	553.	13803.	1199.	0.	4969.	0.	12151.	4969.
1957	2	.31	0.	2194.	4956.	258891.	1891.	12659.	420.	0.	4557.	0.	5919.	4557.
1957	3	.32	4752.	2457.	1406.	259185.	24663.	13642.	684.	0.	4911.	0.	17662.	4911.
1957	4	.53	77221.	-471.	1406.	334877.	110808.	14286.	-2245.	0.	5143.	0.	117836.	5143.
1957	5	.76	141326.	-188.	1406.	474391.	478579.	16624.	-2310.	0.	5985.	403147.	174673.	380912.
1957	6	.87	101364.	7569.	1406.	566186.	402936.	17253.	3080.	0.	6211.	384008.	174673.	363339.
1957	7	.81	35.	17984.	1406.	546237.	2993.	19560.	13523.	0.	7042.	0.	145989.	7042.
1957	8	.76	0.	16944.	1406.	527293.	354.	19541.	11219.	0.	7035.	0.	116988.	7035.
1957	9	.85	32902.	6180.	1406.	552015.	106256.	15976.	4465.	0.	5751.	27063.	174673.	30920.
1957	10	.91	54599.	4828.	1406.	599786.	78496.	15519.	6160.	0.	5587.	58223.	174673.	59734.
1957	11	.92	8838.	-1660.	1406.	608284.	38190.	14992.	-1540.	0.	5397.	26144.	174673.	29711.
1957	12	.90	2601.	4281.	1406.	604605.	2676.	14871.	3888.	0.	5354.	0.	159996.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1958	1	1.00	100716.	-4011.	22051.	677964.	239830.	14570.	-6160.	0.	5245.	238795.	174673.	227324.
1958	2	1.00	111709.	-4117.	81426.	677964.	283699.	14065.	-6353.	0.	4709.	357412.	174673.	337103.
1958	3	1.00	23248.	4375.	13268.	677964.	166446.	17052.	2503.	0.	5709.	160159.	174673.	154657.
1958	4	.97	3004.	5133.	1406.	673835.	1525.	17857.	4753.	0.	5979.	0.	154994.	5979.
1958	5	.99	14420.	2831.	5245.	677964.	31400.	16624.	3240.	5686.	5985.	0.	166088.	11273.
1958	6	1.00	50387.	11580.	27281.	677964.	5901.	17253.	7986.	248.	6211.	0.	173783.	6442.
1958	7	.99	15530.	18975.	1406.	672519.	102371.	19560.	14246.	0.	7042.	69081.	174673.	71287.
1958	8	.93	20.	19168.	1406.	651371.	0.	19541.	13273.	0.	7035.	0.	143265.	7035.
1958	9	1.00	53205.	-3603.	21241.	677964.	25250.	15976.	-7566.	0.	5751.	4199.	174673.	9656.
1958	10	1.00	43294.	-5147.	34054.	677964.	217084.	17243.	-5968.	0.	5773.	239502.	174673.	228510.
1958	11	1.00	41388.	4632.	25840.	677964.	167157.	15781.	3850.	0.	5284.	173365.	174673.	166513.
1958	12	1.00	8202.	2831.	3776.	677964.	13568.	15654.	1345.	0.	5241.	345.	174673.	5562.
1959	1	.99	2750.	5899.	1406.	672815.	23618.	15336.	3273.	0.	5135.	6415.	174673.	11101.
1959	2	.99	1409.	-1791.	1406.	674015.	3436.	13362.	-3065.	0.	4810.	0.	169218.	4810.
1959	3	.96	590.	8900.	1406.	663705.	6481.	15347.	5604.	0.	5525.	0.	156154.	5525.
1959	4	.93	415.	5287.	1406.	656833.	0.	16071.	3553.	0.	5786.	0.	137936.	5786.
1959	5	.90	1411.	5751.	1406.	650493.	4796.	16624.	4300.	5686.	5985.	0.	117528.	11273.
1959	6	.90	23818.	7283.	1406.	665028.	7775.	17253.	3941.	248.	6211.	0.	105267.	6442.
1959	7	.93	22218.	15983.	1406.	669263.	45138.	19560.	9287.	0.	7042.	0.	122964.	7042.
1959	8	.89	374.	14366.	1406.	653271.	9454.	19541.	5321.	0.	7035.	0.	108962.	7035.
1959	9	.85	1472.	12661.	1406.	640082.	2280.	15976.	6271.	2474.	5751.	0.	87928.	8052.
1959	10	1.00	69467.	4339.	19154.	677964.	231751.	15519.	2118.	0.	5587.	146524.	174673.	141854.
1959	11	.99	5459.	5397.	1406.	676026.	15880.	15781.	5289.	0.	5284.	0.	170889.	5284.
1959	12	.97	615.	4857.	1406.	669784.	6660.	14871.	3497.	0.	5354.	0.	160587.	5354.
1960	1	.96	712.	3300.	1406.	665196.	6637.	14570.	1597.	0.	5245.	0.	152463.	5245.
1960	2	.95	933.	3282.	1406.	660847.	6094.	13362.	1201.	0.	4810.	0.	145400.	4810.
1960	3	.93	556.	4019.	1406.	655383.	4774.	15347.	1969.	0.	5525.	0.	134264.	5525.
1960	4	.90	3919.	6498.	1406.	650805.	0.	16071.	3791.	0.	5786.	0.	115808.	5786.
1960	5	.86	697.	8928.	1406.	640574.	0.	16624.	3913.	5686.	5985.	0.	90990.	11273.
1960	6	.87	8139.	8867.	1406.	637846.	36056.	17253.	4470.	248.	6211.	0.	106481.	6442.
1960	7	.86	2007.	9788.	1406.	628065.	21907.	19560.	7917.	0.	7042.	0.	102316.	7042.
1960	8	.90	23250.	5645.	1406.	643669.	46113.	19541.	2878.	0.	7035.	0.	127416.	7035.
1960	9	.89	1645.	13024.	1406.	630290.	22454.	15976.	5649.	2474.	5751.	0.	127177.	8052.
1960	10	.98	26393.	-3467.	1406.	658150.	140197.	15519.	-6738.	0.	5587.	85327.	174673.	84940.
1960	11	.99	17115.	2276.	1406.	670989.	78733.	14992.	1348.	0.	5397.	63799.	174673.	64731.
1960	12	1.00	6656.	-2305.	1406.	677950.	52666.	14871.	-5583.	0.	5354.	44783.	174673.	47002.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1961	1	1.00	4864.	772.	2867.	677964.	42256.	14570.	385.	0.	5245.	30169.	174673.	33302.
1961	2	1.00	16221.	257.	2867.	677964.	51823.	14065.	-578.	0.	4709.	49558.	174673.	50798.
1961	3	.98	2221.	6152.	1406.	672033.	9629.	17052.	4843.	0.	5709.	0.	163813.	5709.
1961	4	.98	13295.	3593.	2651.	677964.	8815.	16071.	3408.	0.	5786.	0.	155800.	5786.
1961	5	.93	0.	12743.	1406.	663221.	0.	16624.	8293.	5686.	5985.	0.	126602.	11273.
1961	6	1.00	76005.	6176.	38726.	677964.	55645.	17253.	3462.	0.	6211.	25336.	174673.	29774.
1961	7	.98	4774.	11006.	1406.	669732.	22418.	21734.	7857.	0.	7276.	0.	168907.	7276.
1961	8	.97	1034.	12874.	1406.	655892.	32464.	19541.	8950.	0.	7035.	0.	174285.	7035.
1961	9	.94	0.	11697.	1406.	642195.	3812.	15976.	5656.	2474.	5751.	0.	155398.	8052.
1961	10	.92	897.	7380.	1406.	633713.	13017.	15519.	7679.	0.	5587.	0.	146623.	5587.
1961	11	.90	514.	734.	1406.	631493.	4065.	14992.	1488.	0.	5397.	0.	135614.	5397.
1961	12	.88	400.	2925.	1406.	626968.	20.	14871.	2468.	0.	5354.	0.	119701.	5354.
1962	1	.85	889.	3880.	1406.	621977.	0.	14570.	2689.	0.	5245.	0.	103848.	5245.
1962	2	.82	517.	6502.	1406.	613992.	0.	13362.	3765.	0.	4810.	0.	88127.	4810.
1962	3	.79	242.	7396.	1406.	604838.	0.	15347.	3666.	0.	5525.	0.	70520.	5525.
1962	4	.77	273.	5203.	1406.	597908.	0.	16071.	1395.	0.	5786.	0.	54460.	5786.
1962	5	.72	814.	12162.	1406.	584560.	0.	16624.	3591.	5686.	5985.	0.	29964.	11273.
1962	6	.74	6471.	4411.	1406.	584620.	34565.	17253.	1163.	248.	6211.	0.	47271.	6442.
1962	7	.69	0.	19724.	1406.	562896.	0.	19560.	5560.	0.	7042.	0.	23557.	7042.
1962	8	.64	0.	17431.	4388.	539223.	0.	19541.	2504.	0.	7035.	0.	5899.	7035.
1962	9	.63	0.	7026.	1406.	530197.	20186.	15976.	621.	2474.	5751.	0.	8420.	8052.
1962	10	.59	0.	10752.	13933.	499626.	0.	15519.	1148.	0.	5587.	0.	5686.	5587.
1962	11	.56	0.	3962.	15678.	473364.	0.	14992.	567.	0.	5397.	0.	5804.	5397.
1962	12	.54	0.	-203.	14465.	452991.	680.	14871.	114.	0.	5354.	0.	5964.	5354.
1963	1	.51	0.	3569.	12910.	431057.	1908.	14570.	322.	0.	5245.	0.	5890.	5245.
1963	2	.50	639.	967.	9078.	417815.	4568.	13362.	265.	0.	4810.	0.	5910.	4810.
1963	3	.47	0.	6019.	13851.	392094.	1966.	15347.	575.	0.	5525.	0.	5804.	5525.
1963	4	.43	0.	5775.	16762.	362475.	0.	16071.	747.	0.	5786.	0.	5748.	5786.
1963	5	.41	3745.	6429.	11535.	343382.	11579.	16624.	831.	5686.	5985.	0.	5721.	11273.
1963	6	.51	17037.	6888.	1406.	351531.	98346.	17253.	4956.	248.	6211.	0.	83015.	6442.
1963	7	.47	2159.	10655.	1406.	341035.	0.	19560.	7409.	0.	7042.	0.	57452.	7042.
1963	8	.42	0.	14096.	1406.	324939.	0.	19541.	6169.	0.	7035.	0.	33148.	7035.
1963	9	.39	584.	7544.	1406.	315979.	0.	15976.	2210.	2474.	5751.	0.	13894.	8052.
1963	10	.36	591.	6570.	6966.	300091.	0.	13794.	1334.	0.	4966.	0.	5732.	4966.
1963	11	.37	2435.	1577.	1406.	298950.	22743.	14203.	665.	0.	5113.	0.	15013.	5113.
1963	12	.36	2012.	1101.	1578.	297616.	3787.	14089.	294.	0.	5072.	0.	5995.	5072.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*----------LAKE CORPUS CHRISTI----------*						*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1964	1	.33	0.	1385.	13948.	276391.	0.	13803.	210.	0.	4969.	0.	5930.	4969.
1964	2	.31	0.	1033.	12771.	257191.	0.	12659.	58.	0.	4557.	0.	5985.	4557.
1964	3	.29	965.	2102.	12590.	238146.	1304.	13642.	359.	0.	4911.	0.	5877.	4911.
1964	4	.26	0.	4468.	14847.	212559.	0.	14286.	663.	0.	5143.	0.	5776.	5143.
1964	5	.23	145.	2083.	12690.	192570.	2318.	14777.	0.	0.	5320.	0.	6006.	5320.
1964	6	.20	2673.	6518.	13798.	169098.	2220.	15336.	1016.	0.	5521.	0.	5671.	5521.
1964	7	.17	105.	6884.	16396.	138996.	1749.	17387.	654.	0.	6259.	0.	5775.	6259.
1964	8	.17	3302.	5706.	1406.	134592.	23105.	17370.	1965.	0.	6253.	0.	10951.	6253.
1964	9	.35	681.	3773.	1406.	129500.	170057.	14201.	1258.	0.	5112.	0.	166955.	5112.
1964	10	.36	7568.	4295.	1406.	130773.	226270.	13794.	3465.	0.	4966.	202699.	174673.	193476.
1964	11	.34	8739.	3497.	1406.	134015.	4570.	14203.	6980.	0.	5113.	0.	159466.	5113.
1964	12	.32	0.	1229.	1406.	130787.	0.	14089.	1568.	0.	5072.	0.	145216.	5072.
1965	1	.30	508.	745.	1406.	128550.	0.	13803.	2113.	0.	4969.	0.	130706.	4969.
1965	2	.30	4438.	-1591.	1406.	132579.	0.	12659.	-2639.	0.	4557.	0.	122093.	4557.
1965	3	.32	0.	1686.	1406.	128893.	39687.	13642.	2239.	0.	4911.	0.	147305.	4911.
1965	4	.31	6634.	2147.	1406.	131379.	0.	14286.	4855.	0.	5143.	0.	129571.	5143.
1965	5	.44	68285.	-2064.	1406.	199728.	131459.	14777.	-2695.	0.	5320.	75681.	174673.	75703.
1965	6	.43	2048.	4822.	1406.	194954.	44496.	15336.	9626.	0.	5521.	20940.	174673.	24995.
1965	7	.40	0.	8241.	1406.	184713.	8478.	17387.	13575.	0.	6259.	0.	153595.	6259.
1965	8	.35	0.	7187.	1406.	175525.	0.	17370.	11079.	0.	6253.	0.	126552.	6253.
1965	9	.32	0.	5437.	1406.	168088.	0.	14201.	8000.	0.	5112.	0.	105757.	5112.
1965	10	.30	1400.	1964.	1406.	165524.	0.	13794.	2895.	0.	4966.	0.	90474.	4966.
1965	11	.28	111.	1619.	1406.	162016.	1794.	14203.	2795.	0.	5113.	0.	76676.	5113.
1965	12	.28	4202.	-755.	1406.	164973.	5880.	14089.	-115.	0.	5072.	0.	69988.	5072.
1966	1	.26	0.	-1734.	1406.	164707.	0.	13803.	-436.	0.	4969.	0.	58028.	4969.
1966	2	.25	2307.	433.	1406.	164580.	0.	12659.	190.	0.	4557.	0.	46585.	4557.
1966	3	.23	16.	754.	1406.	161842.	0.	13642.	1195.	0.	4911.	0.	33154.	4911.
1966	4	.26	16583.	1207.	1406.	175218.	27683.	14286.	-1259.	0.	5143.	0.	49216.	5143.
1966	5	.43	18314.	-231.	1406.	191763.	206958.	14777.	-4153.	0.	5320.	72283.	174673.	72543.
1966	6	.44	9218.	2744.	1406.	196237.	34719.	15336.	193.	0.	5521.	20596.	174673.	24675.
1966	7	.40	694.	5350.	1406.	189581.	0.	17387.	7041.	0.	6259.	0.	151651.	6259.
1966	8	.39	10761.	6610.	1406.	191732.	5490.	17370.	3349.	0.	6253.	0.	137828.	6253.
1966	9	.42	20929.	3157.	1406.	207504.	31194.	14201.	4181.	0.	5112.	0.	152046.	5112.
1966	10	.39	469.	4806.	1406.	201167.	1424.	15519.	7837.	0.	5587.	0.	131521.	5587.
1966	11	.36	0.	1698.	1406.	197469.	189.	14203.	6085.	0.	5113.	0.	112827.	5113.
1966	12	.34	0.	2872.	1406.	192597.	0.	14089.	3402.	0.	5072.	0.	96743.	5072.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------*				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
			INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1967	1	.32	0.	1771.	1406.	188826.	11.	13803.	761.	0.	4969.	0.	83596.	4969.
1967	2	.30	146.	701.	1406.	186271.	726.	12659.	2113.	0.	4557.	0.	70957.	4557.
1967	3	.28	0.	1042.	1406.	183228.	2978.	13642.	3353.	0.	4911.	0.	58346.	4911.
1967	4	.27	626.	1949.	1406.	179905.	5725.	14286.	3555.	0.	5143.	0.	47637.	5143.
1967	5	.27	4246.	1598.	1406.	180554.	14105.	14777.	1881.	0.	5320.	0.	46490.	5320.
1967	6	.23	0.	6979.	1406.	171575.	0.	15336.	4477.	0.	5521.	0.	28082.	5521.
1967	7	.20	11.	8388.	1406.	161198.	0.	17387.	2841.	0.	6259.	0.	9261.	6259.
1967	8	.23	8928.	5470.	1406.	162656.	41103.	17370.	188.	0.	6253.	0.	34212.	6253.
1967	9	.79	339587.	2838.	1406.	497405.	1392125.	14201.	-5005.	0.	5112.	1243875.	174673.	1161916.
1967	10	.81	24578.	2773.	1406.	517210.	182132.	15519.	578.	0.	5587.	167442.	174673.	161308.
1967	11	.82	13260.	2166.	1406.	526304.	15874.	14992.	4369.	0.	5397.	0.	172592.	5397.
1967	12	.82	2223.	1305.	1406.	525222.	23723.	14871.	4215.	0.	5354.	3962.	174673.	9039.
1968	1	.93	95143.	1372.	1406.	616993.	150581.	14570.	-578.	0.	5245.	137995.	174673.	133580.
1968	2	.94	9962.	-1451.	1406.	626406.	28779.	13362.	578.	0.	4810.	16245.	174673.	19919.
1968	3	.94	8635.	488.	1406.	632553.	10619.	15347.	3579.	0.	5525.	0.	167772.	5525.
1968	4	.93	6405.	1225.	1406.	635733.	10090.	16071.	3107.	0.	5786.	0.	160090.	5786.
1968	5	1.00	110820.	1801.	46952.	677964.	203818.	16624.	385.	0.	5985.	213492.	174673.	204532.
1968	6	.99	7493.	10006.	1406.	673451.	26124.	19170.	2118.	0.	6418.	6217.	174673.	12200.
1968	7	.99	17116.	11539.	1406.	677028.	18890.	19560.	4911.	0.	7042.	0.	170498.	7042.
1968	8	.95	391.	12478.	1406.	662941.	4642.	19541.	11524.	0.	7035.	0.	145481.	7035.
1968	9	.94	3276.	1515.	1406.	662702.	14343.	15976.	6048.	2474.	5751.	0.	136732.	8052.
1968	10	.92	128.	6534.	1406.	654296.	11916.	15519.	644.	0.	5587.	0.	133891.	5587.
1968	11	.89	0.	8462.	1406.	643834.	3199.	14992.	5755.	0.	5397.	0.	117749.	5397.
1968	12	.87	542.	4934.	1406.	637443.	6309.	14871.	3125.	0.	5354.	0.	107468.	5354.
1969	1	.85	77.	2453.	1406.	633067.	2235.	14570.	2274.	0.	5245.	0.	94266.	5245.
1969	2	.87	3657.	245.	1406.	634479.	18255.	13362.	-5996.	0.	4810.	0.	106561.	4810.
1969	3	.84	171.	6345.	1406.	626305.	703.	15347.	1725.	0.	5525.	0.	91598.	5525.
1969	4	.83	868.	1941.	1406.	623233.	10353.	16071.	2497.	0.	5786.	0.	84789.	5786.
1969	5	.84	2122.	-727.	1406.	624082.	25774.	16624.	1734.	5686.	5985.	0.	87924.	11273.
1969	6	.80	142.	8677.	1406.	613546.	7705.	17253.	7284.	248.	6211.	0.	72250.	6442.
1969	7	.76	0.	16373.	1406.	595174.	6979.	19560.	5966.	0.	7042.	0.	55108.	7042.
1969	8	.72	1233.	15135.	1406.	579272.	243.	19541.	2372.	0.	7035.	0.	34844.	7035.
1969	9	.70	916.	5060.	1406.	573129.	8103.	15976.	2436.	2474.	5751.	0.	23467.	8052.
1969	10	.82	51775.	9610.	1406.	613293.	78055.	15519.	4034.	0.	5587.	0.	83375.	5587.
1969	11	.89	12341.	7200.	1406.	616434.	71630.	14992.	0.	0.	5397.	0.	141419.	5397.
1969	12	.91	3358.	5517.	1406.	612275.	39811.	14871.	2618.	0.	5354.	0.	165147.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1970	1	.91	1710.	2390.	1406.	609595.	9766.	14570.	-368.	0.	5245.	0.	162117.	5245.
1970	2	.89	811.	3570.	1406.	604836.	5172.	13362.	2490.	0.	4810.	0.	152843.	4810.
1970	3	.90	6292.	4747.	1406.	604381.	24066.	15347.	3006.	0.	5525.	0.	159962.	5525.
1970	4	.87	486.	5908.	1406.	596959.	3688.	16071.	4834.	0.	5786.	0.	144150.	5786.
1970	5	.94	36107.	7641.	1406.	623424.	64168.	16624.	-1305.	0.	5985.	14046.	174673.	19048.
1970	6	.95	29094.	13420.	1406.	637099.	157117.	17253.	1925.	0.	6211.	139345.	174673.	135802.
1970	7	.91	1107.	12931.	1406.	623275.	5205.	19560.	10385.	0.	7042.	0.	151339.	7042.
1970	8	.88	1899.	9877.	1406.	613297.	12541.	19541.	7781.	0.	7035.	0.	137963.	7035.
1970	9	.88	7595.	-11851.	1406.	630743.	185.	15976.	3085.	2474.	5751.	0.	118019.	8052.
1970	10	.87	3504.	7301.	1406.	624946.	22639.	15519.	6134.	0.	5587.	0.	120411.	5587.
1970	11	.84	396.	7244.	1406.	616098.	1254.	14992.	5196.	0.	5397.	0.	102883.	5397.
1970	12	.82	372.	6460.	1406.	608010.	4778.	14871.	3394.	0.	5354.	0.	90802.	5354.
1971	1	.79	349.	6640.	1406.	599718.	1278.	14570.	3626.	0.	5245.	0.	75291.	5245.
1971	2	.77	33.	5408.	1406.	592344.	511.	13362.	2552.	0.	4810.	0.	61293.	4810.
1971	3	.73	0.	10465.	1406.	579879.	20.	15347.	4136.	0.	5525.	0.	43237.	5525.
1971	4	.71	0.	7122.	1406.	570756.	10911.	16071.	2161.	0.	5786.	0.	37321.	5786.
1971	5	.67	0.	8859.	1406.	559897.	54.	16624.	2169.	5686.	5985.	0.	14302.	11273.
1971	6	.64	3185.	7593.	10090.	541136.	0.	17253.	1119.	248.	6211.	0.	5772.	6442.
1971	7	.83	5500.	15814.	1406.	528822.	300281.	19560.	11904.	0.	7042.	101322.	174673.	101271.
1971	8	1.00	290383.	4842.	95888.	677964.	415914.	19541.	-4235.	0.	7035.	496496.	174673.	468777.
1971	9	1.00	23578.	-515.	16937.	677964.	608695.	17751.	-20406.	0.	5943.	626019.	174673.	588141.
1971	10	1.00	116320.	1287.	80868.	677964.	830575.	17243.	-578.	0.	5773.	894778.	174673.	837917.
1971	11	1.00	15576.	6948.	6066.	677964.	75047.	15781.	6160.	0.	5284.	59171.	174673.	60313.
1971	12	1.00	7241.	2573.	3281.	677964.	23125.	15654.	1348.	0.	5241.	9405.	174673.	13987.
1972	1	1.00	4631.	2059.	1808.	677964.	16951.	15336.	1540.	0.	5135.	1883.	174673.	6886.
1972	2	.99	3483.	3341.	1406.	676106.	8422.	14065.	2642.	0.	4709.	0.	167793.	4709.
1972	3	.97	1924.	7662.	1406.	668367.	6502.	15347.	5218.	0.	5525.	0.	155136.	5525.
1972	4	.93	1135.	8338.	1406.	659164.	0.	16071.	2705.	0.	5786.	0.	137766.	5786.
1972	5	1.00	20067.	2030.	1406.	675201.	152097.	16624.	-4428.	0.	5985.	98713.	174673.	97788.
1972	6	.98	2096.	7146.	1406.	668151.	11320.	17253.	3939.	0.	6211.	0.	166206.	6211.
1972	7	.94	386.	8585.	1406.	657952.	4209.	19560.	5796.	0.	7042.	0.	146465.	7042.
1972	8	.93	3247.	9753.	1406.	649446.	19160.	19541.	7408.	0.	7035.	0.	140082.	7035.
1972	9	.95	23639.	7024.	1406.	664061.	30552.	15976.	4014.	2474.	5751.	0.	149576.	8052.
1972	10	.93	2430.	8307.	1406.	656184.	4828.	15519.	2339.	0.	5587.	0.	137953.	5587.
1972	11	.91	1137.	2753.	1406.	652568.	0.	14992.	2957.	0.	5397.	0.	121410.	5397.
1972	12	.88	1565.	4485.	1406.	647649.	0.	14871.	2993.	0.	5354.	0.	104951.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*						
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1973	1	.86	2164.	1490.	1406.	646323.	0.	14570.	1188.	0.	5245.	0.	90600.	5245.
1973	2	.85	3352.	-497.	1406.	648172.	0.	13362.	246.	0.	4810.	0.	78398.	4810.
1973	3	.83	2467.	5703.	1406.	642936.	4138.	15347.	2838.	0.	5525.	0.	65757.	5525.
1973	4	.84	8327.	2230.	1406.	647032.	16349.	16071.	1968.	0.	5786.	0.	65473.	5786.
1973	5	.80	1626.	10126.	1406.	636532.	4294.	16624.	3415.	5686.	5985.	0.	45447.	11273.
1973	6	.98	29452.	2240.	1406.	661744.	248540.	17253.	-23871.	0.	6211.	127090.	174673.	124405.
1973	7	1.00	106563.	10808.	55913.	677964.	38985.	19560.	9240.	0.	7042.	66098.	174673.	68512.
1973	8	1.00	22079.	9264.	9009.	677964.	13921.	21712.	2672.	0.	7269.	0.	173218.	7269.
1973	9	1.00	45440.	3088.	29774.	677964.	36310.	15976.	-2888.	0.	5751.	49066.	174673.	51383.
1973	10	1.00	87828.	3088.	59572.	677964.	394483.	17243.	-7893.	0.	5773.	444705.	174673.	419349.
1973	11	1.00	15714.	8235.	5258.	677964.	59692.	15781.	6738.	0.	5284.	42431.	174673.	44744.
1973	12	1.00	8399.	8225.	1406.	676138.	19639.	15654.	6628.	0.	5241.	0.	173436.	5241.
1974	1	.99	7266.	2058.	2378.	677964.	7505.	14570.	-190.	0.	5245.	0.	168939.	5245.
1974	2	.97	5165.	7952.	1406.	673177.	0.	13362.	5717.	0.	4810.	0.	151266.	4810.
1974	3	1.00	14442.	3344.	4436.	677964.	37816.	15347.	-2425.	0.	5525.	5923.	174673.	11033.
1974	4	.97	3030.	8960.	1406.	670034.	3992.	17857.	7622.	0.	5979.	0.	154592.	5979.
1974	5	.96	10227.	7136.	1406.	671125.	17679.	16624.	4465.	5686.	5985.	0.	146901.	11273.
1974	6	.93	3596.	12408.	1406.	660313.	2196.	17253.	3088.	248.	6211.	0.	129914.	6442.
1974	7	.88	722.	14981.	1406.	644054.	1080.	19560.	9281.	0.	7042.	0.	103558.	7042.
1974	8	.98	31134.	6263.	1406.	666925.	83900.	19541.	2404.	0.	7035.	0.	166919.	7035.
1974	9	1.00	71154.	7463.	37015.	677964.	121077.	15976.	-1540.	0.	5751.	133428.	174673.	129839.
1974	10	.99	8348.	5404.	2070.	677964.	7271.	17243.	4824.	0.	5773.	0.	161947.	5773.
1974	11	.99	7564.	2831.	3328.	677964.	17467.	14992.	2558.	0.	5397.	0.	165192.	5397.
1974	12	.98	6587.	3345.	2279.	677964.	6655.	14871.	1992.	0.	5354.	0.	157263.	5354.
1975	1	.97	6410.	4117.	1612.	677964.	5940.	14570.	2091.	0.	5245.	0.	148154.	5245.
1975	2	.97	21313.	4117.	12089.	677964.	5572.	13362.	3578.	0.	4810.	0.	148875.	4810.
1975	3	.95	5529.	7699.	1406.	673794.	4898.	15347.	5257.	0.	5525.	0.	134575.	5525.
1975	4	.93	5538.	7149.	1406.	670183.	5280.	16071.	5642.	0.	5786.	0.	119548.	5786.
1975	5	1.00	55024.	4375.	30136.	677964.	74587.	16624.	4451.	0.	5985.	22837.	174673.	27223.
1975	6	1.00	21938.	7977.	9814.	677964.	108813.	19170.	6545.	0.	6418.	92886.	174673.	92803.
1975	7	1.00	9641.	10020.	1406.	675585.	65134.	21734.	6545.	0.	7276.	38261.	174673.	42859.
1975	8	.98	4389.	11222.	1406.	666751.	13244.	19541.	3011.	0.	7035.	0.	166771.	7035.
1975	9	.96	8953.	8360.	1406.	665344.	8359.	15976.	4481.	2474.	5751.	0.	153605.	8052.
1975	10	.93	4208.	8828.	1406.	658724.	3222.	15519.	6808.	0.	5587.	0.	135907.	5587.
1975	11	.92	3788.	8268.	1406.	652245.	11398.	14992.	5782.	0.	5397.	0.	127937.	5397.
1975	12	.89	3601.	4488.	1406.	649358.	0.	14871.	2664.	0.	5354.	0.	111808.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI------------------------*--B & E--*							
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1976	1	.87	3760.	5714.	1406.	645404.	4060.	14570.	3415.	0.	5245.	0.	99289.	5245.
1976	2	.85	2127.	7655.	1406.	637876.	0.	13362.	4046.	0.	4810.	0.	83287.	4810.
1976	3	.82	1834.	6617.	1406.	631092.	0.	15347.	3338.	0.	5525.	0.	66007.	5525.
1976	4	.84	20234.	1971.	1406.	647356.	13739.	16071.	-2797.	0.	5786.	0.	67878.	5786.
1976	5	.91	59994.	4353.	17598.	677964.	33205.	16624.	121.	5686.	5985.	0.	96249.	11273.
1976	6	.87	6324.	14063.	1406.	668225.	1091.	17253.	4067.	248.	6211.	0.	77177.	6442.
1976	7	1.00	65453.	4375.	36091.	677964.	89824.	19560.	-5989.	0.	7042.	14848.	174673.	20851.
1976	8	1.00	17934.	14925.	2115.	677964.	55173.	21712.	11551.	0.	7269.	24025.	174673.	29613.
1976	9	1.00	9256.	7462.	1406.	677758.	96730.	17751.	5390.	0.	5943.	72727.	174673.	73579.
1976	10	1.00	40525.	3345.	25993.	677964.	124642.	15519.	-4043.	0.	5587.	139159.	174673.	135005.
1976	11	1.00	32483.	772.	22293.	677964.	243951.	15781.	-3273.	0.	5284.	253735.	174673.	241257.
1976	12	1.00	21599.	772.	14641.	677964.	97225.	15654.	-2695.	0.	5241.	98907.	174673.	97225.
1977	1	1.00	16730.	-772.	12304.	677964.	35617.	15336.	-385.	0.	5135.	32970.	174673.	35796.
1977	2	1.00	13571.	4375.	6465.	677964.	20144.	14065.	1925.	0.	4709.	10619.	174673.	14584.
1977	3	.99	11776.	6691.	3575.	677964.	14179.	17052.	5096.	0.	5709.	0.	170279.	5709.
1977	4	1.00	111433.	515.	77976.	677964.	198831.	16071.	3080.	0.	5786.	253261.	174673.	241318.
1977	5	1.00	33294.	5147.	19788.	677964.	66408.	18471.	3465.	0.	6184.	58787.	174673.	60856.
1977	6	1.00	12575.	9521.	2147.	677964.	27814.	19170.	7073.	0.	6418.	3693.	174673.	9852.
1977	7	.95	5795.	17596.	1406.	664163.	5700.	21734.	11703.	0.	7276.	0.	148342.	7276.
1977	8	.90	2698.	19279.	1406.	645582.	1209.	19541.	11518.	0.	7035.	0.	119898.	7035.
1977	9	.86	3541.	14531.	1406.	632592.	527.	15976.	5661.	2474.	5751.	0.	97720.	8052.
1977	10	.84	8591.	10253.	1406.	628930.	3676.	15519.	2414.	0.	5587.	0.	84870.	5587.
1977	11	.83	9593.	6339.	1406.	630184.	11486.	14992.	3133.	0.	5397.	0.	79637.	5397.
1977	12	.81	5980.	7064.	1406.	627100.	3162.	14871.	3414.	0.	5354.	0.	65920.	5354.
1978	1	.80	5806.	2190.	1406.	628716.	3460.	14570.	320.	0.	5245.	0.	55897.	5245.
1978	2	.79	4363.	2436.	1406.	628643.	2605.	13362.	648.	0.	4810.	0.	45898.	4810.
1978	3	.77	3175.	9216.	1406.	620602.	2511.	15347.	2794.	0.	5525.	0.	31674.	5525.
1978	4	.74	2327.	7697.	1406.	613231.	2825.	16071.	1380.	0.	5786.	0.	18454.	5786.
1978	5	.71	2174.	10455.	4893.	597990.	6305.	16624.	1464.	5686.	5985.	0.	5877.	11273.
1978	6	.82	61248.	8477.	1406.	648761.	60626.	17253.	1684.	248.	6211.	0.	48724.	6442.
1978	7	.78	1979.	15547.	1406.	633193.	5918.	19560.	5472.	0.	7042.	0.	31015.	7042.
1978	8	.85	53621.	10006.	1406.	674808.	42129.	19541.	4072.	0.	7035.	0.	50937.	7035.
1978	9	.90	22565.	3603.	11112.	677964.	49909.	15976.	115.	2474.	5751.	0.	93393.	8052.
1978	10	.88	1915.	7936.	1406.	669943.	704.	15519.	2580.	0.	5587.	0.	77405.	5587.
1978	11	.86	2640.	3051.	1406.	667533.	5503.	14992.	2164.	0.	5397.	0.	67158.	5397.
1978	12	.84	2510.	3547.	1406.	664496.	1894.	14871.	1484.	0.	5354.	0.	54102.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	*-----CHOKE CANYON RESERVOIR----------* INFLOW	EVAP	CCRREL	EOM	*----------LAKE CORPUS CHRISTI----------* INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	*--B & E--* CALALLEN
1979	1	.84	5066.	253.	1406.	667309.	7516.	14570.	-952.	0.	5245.	0.	49407.	5245.
1979	2	.83	3035.	2029.	1406.	666315.	2342.	13362.	166.	0.	4810.	0.	39627.	4810.
1979	3	.81	11232.	5589.	1406.	669958.	32.	15347.	941.	0.	5525.	0.	24777.	5525.
1979	4	.87	31868.	1544.	15690.	677964.	40147.	16071.	83.	0.	5786.	0.	64459.	5786.
1979	5	.87	10600.	6433.	2929.	677964.	20246.	16624.	1195.	5686.	5985.	0.	64129.	11273.
1979	6	1.00	79525.	7720.	50479.	677964.	162327.	17253.	7933.	0.	6211.	76827.	174673.	77661.
1979	7	.98	9577.	10020.	1406.	675521.	5125.	21734.	2217.	0.	7276.	0.	157254.	7276.
1979	8	.94	2451.	13731.	1406.	662241.	4652.	19541.	8013.	0.	7035.	0.	135758.	7035.
1979	9	.91	1561.	9288.	1406.	652514.	1445.	15976.	-311.	2474.	5751.	0.	120470.	8052.
1979	10	.87	962.	14125.	1406.	637351.	2473.	15519.	7500.	0.	5587.	0.	101330.	5587.
1979	11	.84	1113.	7587.	1406.	628878.	0.	14992.	4570.	0.	5397.	0.	83175.	5397.
1979	12	.82	2612.	3649.	1406.	625841.	3972.	14871.	1998.	0.	5354.	0.	71683.	5354.
1980	1	.81	3083.	1457.	1406.	625467.	0.	14570.	-2903.	0.	5245.	0.	61423.	5245.
1980	2	.79	1479.	3633.	1406.	621313.	0.	13362.	987.	0.	4810.	0.	48479.	4810.
1980	3	.76	538.	7696.	1406.	612155.	0.	15347.	2310.	0.	5525.	0.	32228.	5525.
1980	4	.72	246.	10932.	1406.	599469.	0.	16071.	2273.	0.	5786.	0.	15289.	5786.
1980	5	.95	96850.	3965.	10116.	677964.	129578.	16624.	2285.	5686.	5985.	0.	130388.	11273.
1980	6	.94	8591.	18890.	1406.	665665.	30987.	17253.	11985.	248.	6211.	0.	133295.	6442.
1980	7	.88	9.	20273.	1406.	643401.	3035.	19560.	12763.	0.	7042.	0.	105413.	7042.
1980	8	.99	36246.	8275.	1406.	669372.	314054.	19541.	-385.	0.	7035.	227044.	174673.	218185.
1980	9	1.00	17144.	8434.	1406.	676082.	20357.	15976.	-963.	0.	5751.	6749.	174673.	12028.
1980	10	.97	9251.	10248.	1406.	673085.	371.	15519.	8300.	0.	5587.	0.	152632.	5587.
1980	11	.95	820.	2551.	1406.	669354.	735.	14992.	1351.	0.	5397.	0.	138430.	5397.
1980	12	.93	735.	3551.	1406.	664538.	4956.	14871.	3002.	0.	5354.	0.	126919.	5354.
1981	1	.91	1607.	1516.	1406.	662629.	1363.	14570.	-753.	0.	5245.	0.	115871.	5245.
1981	2	.90	822.	2771.	1406.	658681.	1081.	13362.	283.	0.	4810.	0.	104713.	4810.
1981	3	.88	1980.	3513.	1406.	655148.	2304.	15347.	1191.	0.	5525.	0.	91885.	5525.
1981	4	.87	20377.	4037.	1406.	669488.	2124.	16071.	2925.	0.	5786.	0.	76419.	5786.
1981	5	1.00	45909.	3603.	23783.	677964.	169403.	16624.	-2954.	0.	5985.	75575.	174673.	76269.
1981	6	1.00	130166.	4117.	88612.	677964.	350103.	19170.	-5390.	0.	6418.	424910.	174673.	401584.
1981	7	1.00	29639.	11837.	12515.	677964.	139864.	21734.	2888.	0.	7276.	127757.	174673.	126091.
1981	8	.98	5895.	10505.	1406.	671354.	16755.	21712.	3947.	0.	7269.	0.	167174.	7269.
1981	9	.98	5402.	11672.	1406.	663084.	67608.	15976.	10203.	0.	5751.	32862.	174673.	36313.
1981	10	1.00	52596.	4375.	23439.	677964.	73254.	15519.	193.	0.	5587.	80982.	174673.	80900.
1981	11	1.00	7109.	6940.	1406.	676133.	43940.	15781.	6160.	0.	5284.	23405.	174673.	27050.
1981	12	.99	5966.	5642.	1406.	674458.	9648.	14871.	3760.	0.	5354.	0.	167096.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

			-----CHOKE CANYON RESERVOIR----------				*--------------------LAKE CORPUS CHRISTI-------------------------*							*--B & E--*
YEAR	MTH	VOL	INFLOW	EVAP	CCRREL	EOM	INFLOW	DEMM	EVAP	LCCREL	RETURN	SPILL	EOM	CALALLEN
1982	1	.97	6079.	5885.	1406.	672652.	8731.	14570.	4883.	0.	5245.	0.	157780.	5245.
1982	2	.97	5391.	512.	1406.	675531.	9721.	13362.	-178.	0.	4810.	0.	155723.	4810.
1982	3	.96	5040.	5379.	1406.	673193.	9631.	15347.	3631.	0.	5525.	0.	147783.	5525.
1982	4	.95	4327.	3577.	1406.	671942.	4747.	16071.	2479.	0.	5786.	0.	135385.	5786.
1982	5	1.00	13401.	4616.	1943.	677964.	95645.	16624.	-575.	0.	5985.	36564.	174673.	39989.
1982	6	.97	4917.	11515.	1406.	669366.	14920.	19170.	10432.	25.	6418.	0.	161371.	6442.
1982	7	.92	2858.	20131.	1406.	650093.	2304.	19560.	14129.	0.	7042.	0.	131392.	7042.
1982	8	.86	1687.	17280.	1406.	632500.	3035.	19541.	11439.	0.	7035.	0.	104853.	7035.
1982	9	.83	1809.	12632.	1406.	619678.	7407.	15976.	8327.	2474.	5751.	0.	86889.	8052.
1982	10	.84	12674.	243.	1406.	630109.	14384.	15519.	3670.	0.	5587.	0.	83491.	5587.
1982	11	.82	705.	2678.	1406.	626136.	6182.	14992.	2014.	0.	5397.	0.	74073.	5397.
1982	12	.80	1341.	5086.	1406.	620392.	4029.	14871.	2658.	0.	5354.	0.	61979.	5354.
1983	1	.78	1733.	2892.	1406.	617232.	0.	14570.	1564.	0.	5245.	0.	47251.	5245.
1983	2	.77	2170.	0.	1406.	617402.	525.	13362.	-157.	0.	4810.	0.	35977.	4810.
1983	3	.75	2359.	2404.	1406.	615357.	7519.	15347.	1187.	0.	5525.	0.	28368.	5525.
1983	4	.72	670.	11447.	1406.	602580.	139.	16071.	2096.	0.	5786.	0.	11746.	5786.
1983	5	.68	0.	7704.	12771.	576709.	4561.	16624.	1002.	5686.	5985.	0.	5766.	11273.
1983	6	.65	9527.	8625.	17741.	552375.	0.	17253.	0.	248.	6211.	0.	6006.	6442.
1983	7	.62	321.	10549.	16475.	518711.	3608.	19560.	792.	0.	7042.	0.	5737.	7042.
1983	8	.58	39.	10200.	13682.	489087.	6850.	19541.	1082.	0.	7035.	0.	5646.	7035.
1983	9	.64	16923.	7140.	1406.	496870.	65388.	15976.	1763.	2474.	5751.	0.	52227.	8052.
1983	10	.64	659.	5044.	1406.	490485.	18722.	15519.	2101.	0.	5587.	0.	54736.	5587.
1983	11	.62	73.	3550.	1406.	485009.	8509.	14992.	2811.	0.	5397.	0.	46848.	5397.
1983	12	.60	49.	3735.	1406.	479323.	0.	14871.	1330.	0.	5354.	0.	32052.	5354.
1984	1	.59	0.	1239.	1406.	476084.	7603.	14570.	-59.	0.	5245.	0.	26551.	5245.
1984	2	.57	0.	4518.	1406.	469566.	1996.	13362.	1082.	0.	4810.	0.	15508.	4810.
1984	3	.54	0.	6906.	4329.	456501.	2538.	15347.	1164.	0.	5525.	0.	5864.	5525.
1984	4	.50	0.	9490.	16849.	423044.	0.	16071.	957.	0.	5786.	0.	5685.	5786.
1984	5	.47	0.	8494.	16167.	391553.	7077.	16624.	929.	5686.	5985.	0.	5690.	11273.
1984	6	.44	0.	11459.	4779.	373296.	13595.	17253.	759.	248.	6211.	0.	5804.	6442.
1984	7	.42	19.	10059.	7695.	352309.	12735.	19560.	1004.	0.	7042.	0.	5670.	7042.
1984	8	.38	0.	12767.	17396.	314796.	3304.	19541.	1225.	0.	7035.	0.	5605.	7035.
1984	9	.34	0.	9474.	13647.	285909.	1469.	14201.	789.	0.	5112.	0.	5731.	5112.
1984	10	.43	59683.	1135.	1406.	342457.	34076.	13794.	-558.	0.	4966.	0.	27977.	4966.
1984	11	.43	0.	2550.	1406.	337907.	12534.	14992.	926.	0.	5397.	0.	25999.	5397.
1984	12	.41	0.	1350.	1406.	334557.	5161.	14871.	373.	0.	5354.	0.	17322.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1985	1	.44	27754.	516.	1406.	359795.	12265.	14570.	-524.	0.	5245.	0.	16947.	5245.
1985	2	.43	1210.	1228.	1406.	357777.	3646.	13362.	-235.	0.	4810.	0.	8872.	4810.
1985	3	.44	3654.	1226.	1406.	358205.	20293.	15347.	284.	0.	5525.	0.	14939.	5525.
1985	4	.49	6998.	1757.	1406.	361446.	51955.	16071.	-3633.	0.	5786.	0.	55862.	5786.
1985	5	.58	5492.	3346.	1406.	361592.	96893.	16624.	775.	5686.	5985.	0.	131076.	11273.
1985	6	.62	2759.	-3535.	1406.	365886.	49767.	17253.	2539.	248.	6211.	0.	162209.	6442.
1985	7	.63	8911.	9907.	1406.	362890.	43836.	19560.	11563.	0.	7042.	1655.	174673.	8581.
1985	8	.58	687.	13434.	1406.	348143.	1569.	19541.	13318.	0.	7035.	0.	144789.	7035.
1985	9	.57	21947.	3668.	1406.	364421.	0.	15976.	4748.	2474.	5751.	0.	122997.	8052.
1985	10	.71	71023.	2419.	1406.	431025.	74059.	15519.	175.	0.	5587.	8096.	174673.	13116.
1985	11	.72	8123.	-1767.	1406.	438915.	108345.	14992.	-770.	0.	5397.	95529.	174673.	94239.
1985	12	.71	551.	2756.	1406.	434710.	13395.	14871.	3416.	0.	5354.	0.	171187.	5354.
1986	1	.69	1274.	2742.	1406.	431242.	0.	14570.	3454.	0.	5245.	0.	154570.	5245.
1986	2	.67	0.	4279.	1406.	424964.	6277.	13362.	1901.	0.	4810.	0.	146990.	4810.
1986	3	.64	0.	7691.	1406.	415272.	0.	15347.	6860.	0.	5525.	0.	126188.	5525.
1986	4	.60	0.	6264.	1406.	407009.	1478.	16071.	5348.	0.	5786.	0.	107653.	5786.
1986	5	.57	1410.	2071.	1406.	404347.	1039.	16624.	3635.	5686.	5985.	0.	84152.	11273.
1986	6	.64	39629.	-2321.	1406.	444298.	32572.	17253.	2412.	248.	6211.	0.	98217.	6442.
1986	7	.59	1416.	13983.	1406.	429731.	2372.	19560.	10087.	0.	7042.	0.	72348.	7042.
1986	8	.55	1204.	13316.	1406.	415619.	1339.	19541.	6039.	0.	7035.	0.	49513.	7035.
1986	9	.52	10707.	10872.	1406.	413453.	0.	15976.	2565.	2474.	5751.	0.	29903.	8052.
1986	10	.59	64227.	-1194.	1406.	476874.	11889.	15519.	795.	0.	5587.	0.	26885.	5587.
1986	11	.59	2730.	2473.	1406.	475131.	14966.	14992.	223.	0.	5397.	0.	28042.	5397.
1986	12	.64	31026.	-2514.	1406.	506671.	22184.	14871.	-517.	0.	5354.	0.	37277.	5354.
1987	1	.64	11204.	1712.	1406.	514163.	10990.	14570.	483.	0.	5245.	0.	34621.	5245.
1987	2	.66	5537.	-2371.	1406.	520071.	14970.	13362.	-1364.	0.	4810.	0.	38999.	4810.
1987	3	.66	8485.	4545.	1406.	522011.	15039.	15347.	1806.	0.	5525.	0.	38291.	5525.
1987	4	.63	5701.	8213.	1406.	517499.	0.	16071.	1018.	0.	5786.	0.	22608.	5786.
1987	5	.64	17295.	2605.	1406.	530189.	15801.	16624.	-728.	5686.	5985.	0.	18233.	11273.
1987	6	1.00	495187.	-3860.	246944.	677964.	131940.	17253.	-8085.	0.	6211.	213028.	174673.	204327.
1987	7	1.00	78727.	12609.	46481.	677964.	70508.	21734.	8085.	0.	7276.	87170.	174673.	88344.
1987	8	.97	20346.	17756.	1821.	677964.	10754.	21712.	12519.	0.	7269.	0.	153017.	7269.
1987	9	.97	11981.	10291.	1406.	677654.	18292.	15976.	8291.	2474.	5751.	0.	145974.	8052.
1987	10	.94	6306.	14311.	1406.	667649.	5964.	15519.	4720.	0.	5587.	0.	133106.	5587.
1987	11	.93	7847.	4827.	1406.	668669.	7328.	14992.	1558.	0.	5397.	0.	125290.	5397.
1987	12	.92	8261.	3819.	1406.	671111.	3887.	14871.	2508.	0.	5354.	0.	113203.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR

YEAR	MTH	VOL	CHOKE CANYON RESERVOIR INFLOW	CHOKE CANYON RESERVOIR EVAP	CHOKE CANYON RESERVOIR CCRREL	CHOKE CANYON RESERVOIR EOM	LAKE CORPUS CHRISTI INFLOW	LAKE CORPUS CHRISTI DEMM	LAKE CORPUS CHRISTI EVAP	LAKE CORPUS CHRISTI LCCREL	LAKE CORPUS CHRISTI RETURN	LAKE CORPUS CHRISTI SPILL	LAKE CORPUS CHRISTI EOM	B & E CALALLEN
1988	1	.91	8310.	4596.	1406.	672825.	2732.	14570.	2071.	0.	5245.	0.	100701.	5245.
1988	2	.89	7609.	4094.	1406.	674340.	783.	13362.	1682.	0.	4810.	0.	87846.	4810.
1988	3	.87	6073.	6648.	1406.	671766.	921.	15347.	3321.	0.	5525.	0.	71505.	5525.
1988	4	.85	3392.	6867.	1406.	666291.	2546.	16071.	4276.	0.	5786.	0.	55110.	5786.
1988	5	.82	6383.	5571.	1406.	665103.	0.	16624.	2683.	5686.	5985.	0.	31522.	11273.
1988	6	.79	8164.	13611.	1406.	657655.	0.	17253.	2047.	248.	6211.	0.	13380.	6442.
1988	7	.77	23420.	11260.	13321.	650867.	0.	19560.	1430.	0.	7042.	0.	5710.	7042.
1988	8	.73	5157.	14950.	16168.	618075.	4366.	19541.	1048.	0.	7035.	0.	5656.	7035.
1988	9	.70	724.	9512.	10277.	594669.	8559.	15976.	57.	2474.	5751.	0.	5985.	8052.
1988	10	.68	2390.	8811.	11205.	572309.	4748.	15519.	632.	0.	5587.	0.	5787.	5587.
1988	11	.66	0.	8391.	5993.	555393.	9671.	14992.	694.	0.	5397.	0.	5765.	5397.
1988	12	.65	0.	5590.	1406.	547803.	18030.	14871.	419.	0.	5354.	0.	9910.	5354.
1989	1	.66	2578.	668.	1406.	547713.	15243.	14570.	180.	0.	5245.	0.	11810.	5245.
1989	2	.64	4085.	2665.	4007.	543433.	4197.	13362.	762.	0.	4810.	0.	5889.	4810.
1989	3	.63	6267.	6833.	6674.	533373.	9523.	15347.	1093.	0.	5525.	0.	5647.	5525.
1989	4	.62	11752.	6119.	8427.	527019.	8649.	16071.	977.	0.	5786.	0.	5675.	5786.
1989	5	.60	7638.	14226.	9211.	507328.	14432.	16624.	1463.	5686.	5985.	0.	5543.	11273.
1989	6	.60	8904.	11912.	1406.	502320.	22324.	17253.	1634.	248.	6211.	0.	10139.	6442.
1989	7	.60	6907.	14980.	1406.	492247.	31430.	19560.	3040.	0.	7042.	0.	20375.	7042.
1989	8	.60	6922.	13367.	1406.	483802.	27912.	19541.	4094.	0.	7035.	0.	26058.	7035.
1989	9	.57	154.	11351.	1406.	470606.	13373.	15976.	3573.	2474.	5751.	0.	18813.	8052.
1989	10	.56	1903.	7751.	1406.	462758.	13532.	15519.	1509.	0.	5587.	0.	16724.	5587.
1989	11	.55	1288.	3242.	1406.	458804.	10846.	14992.	1031.	0.	5397.	0.	12953.	5397.
1989	12	.55	74.	0.	1406.	456878.	11438.	14871.	406.	0.	5354.	0.	10520.	5354.

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
CCR INFLOW													
PER % $	.041$	.033$	.019$	.067$	.138$	.213$	.098$	.072$	.147$	.121$	.029$	.023$	
MAX $	100716.$	111709.$	23421.$	111433.$	141326.$	549238.$	176276.$	290383.$	339587.$	118574.$	41388.$	42015.$	899837.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	9206.$
MEAN $	7467.$	5922.$	3475.$	12127.$	24794.$	38373.$	17652.$	12951.$	26430.$	21747.$	5146.$	4145.$	180229.$
GMEAN $	415.$	676.$	379.$	1017.$	4459.$	6717.$	1197.$	610.$	1608.$	3779.$	594.$	393.$	118723.$
MEDIAN$	1455.$	1753.$	1879.$	3413.$	10235.$	9167.$	2509.$	2619.$	4472.$	8470.$	1543.$	1453.$	125112.$
STDDEV$	19054.0$	15765.2$	5088.5$	22749.1$	35835.6$	97008.0$	34778.2$	39227.9$	54928.5$	29191.4$	8120.4$	7469.8$	171567.3$
SKEW $	.95$	.79$	.94$	1.15$	1.22$	.90$	1.31$	.79$	1.20$	1.36$	1.33$	1.08$	.96$
CCR EVAP LOSS													
PER % $	.033$	.033$	.072$	.067$	.068$	.106$	.173$	.170$	.093$	.085$	.061$	.037$	
MAX $	6640.$	7952.$	10465.$	11447.$	14226.$	18890.$	20273.$	19279.$	15741.$	14311.$	8880.$	8225.$	118143.$
MIN $	-6433.$	-4117.$	257.$	-5167.$	-6920.$	-12867.$	-3345.$	4842.$	-19300.$	-5147.$	-2443.$	-15937.$	18638.$
MEAN $	2432.$	2457.$	5307.$	4951.$	4999.$	7784.$	12769.$	12546.$	6856.$	6293.$	4486.$	2737.$	73617.$
GMEAN $	1039.$	594.$	4363.$	2552.$	1344.$	3191.$	10473.$	11765.$	2799.$	2705.$	2639.$	704.$	69522.$
MEDIAN$	2512.$	2585.$	5710.$	5168.$	5142.$	7849.$	12618.$	13293.$	7462.$	6176.$	4491.$	3370.$	76673.$
STDDEV$	2499.3$	2587.8$	2450.6$	3533.8$	4168.8$	5606.0$	4483.2$	4097.6$	6304.8$	4394.5$	2806.8$	3655.0$	21680.1$
SKEW $	-.10$	-.15$	-.49$	-.18$	-.10$	-.03$	.10$	-.55$	-.29$	.08$	.00$	-.52$	-.42$
CCR RELEASE-ADJ													
PER % $	.039$	.060$	.034$	.071$	.104$	.231$	.118$	.060$	.114$	.109$	.036$	.026$	
MAX $	22051.$	81426.$	15289.$	77976.$	98323.$	395159.$	100312.$	95888.$	74360.$	83719.$	25840.$	14641.$	598743.$
MIN $	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	555.$	1406.$	1406.$	1406.$	1406.$	1406.$	16872.$
MEAN $	3038.$	4629.$	2630.$	5511.$	8104.$	17920.$	9156.$	4642.$	8835.$	8468.$	2783.$	2007.$	77724.$
GMEAN $	1957.$	2139.$	1855.$	2223.$	2919.$	3015.$	2632.$	2150.$	2626.$	2743.$	1820.$	1624.$	43793.$
MEDIAN$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	1406.$	31084.$
STDDEV$	4217.1$	11441.0$	3309.0$	13284.0$	17038.3$	61691.8$	20491.7$	12870.2$	18807.7$	17714.9$	4619.8$	2460.4$	101668.3$
SKEW $	1.16$	.85$	1.11$	.93$	1.18$	.80$	1.13$	.75$	1.19$	1.20$	.89$	.73$	1.38$
CCR E-O-M													
PER % $	.084$	.083$	.083$	.082$	.084$	.084$	.083$	.082$	.083$	.084$	.083$	.083$	
MAX $	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	677964.$	8102185.$
MIN $	128550.$	132579.$	128893.$	131379.$	180554.$	169098.$	138996.$	134592.$	129500.$	130773.$	134015.$	130787.$	1936922.$
MEAN $	573241.$	570121.$	564549.$	563885.$	572152.$	577250.$	569110.$	562913.$	569918.$	573327.$	570028.$	568580.$	6835075.$
GMEAN $	545797.$	542171.$	535800.$	535540.$	546403.$	549777.$	538908.$	531710.$	543181.$	547387.$	543972.$	542161.$	6543545.$
MEDIAN$	627953.$	627524.$	623453.$	618232.$	627579.$	646384.$	641879.$	632733.$	625162.$	628575.$	626008.$	626405.$	7583786.$
STDDEV$	139436.4$	140965.3$	142324.5$	142245.6$	139435.9$	142031.1$	146275.5$	148633.3$	138780.0$	136219.9$	136613.9$	137336.7$	1609753.0$
SKEW $	-1.18$	-1.22$	-1.24$	-1.15$	-1.19$	-1.46$	-1.49$	-1.41$	-1.19$	-1.22$	-1.23$	-1.26$	-1.40$
SYSTEM RETURN FLOWS													
PER % $	.075$	.069$	.079$	.083$	.086$	.089$	.101$	.101$	.082$	.080$	.077$	.077$	
MAX $	5245.$	4810.$	5709.$	5979.$	6184.$	6418.$	7276.$	7269.$	5943.$	5773.$	5397.$	5354.$	70818.$
MIN $	4969.$	4557.$	4911.$	5143.$	5320.$	5521.$	6259.$	6253.$	5112.$	4966.$	5113.$	5072.$	63197.$
MEAN $	5212.$	4779.$	5483.$	5739.$	5940.$	6183.$	7014.$	6999.$	5700.$	5561.$	5349.$	5318.$	69277.$

GMEAN $	5212.$	4778.$	5480.$	5735.$	5936.$	6179.$	7009.$	6994.$	5696.$	5557.$	5349.$	5318.$	69254.$
MEDIAN$	5245.$	4810.$	5525.$	5786.$	5985.$	6211.$	7042.$	7035.$	5751.$	5587.$	5397.$	5354.$	69727.$
STDDEV$	81.3$	75.1$	185.3$	191.5$	200.7$	220.5$	252.4$	247.2$	210.7$	198.3$	86.4$	83.6$	1747.0$
SKEW $	-1.20$	-1.26$	-.67$	-.74$	-.67$	-.39$	-.33$	-.44$	-.73$	-.39$	-1.66$	-1.26$	-.77$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
SYSTEM DEMM													
PER % $	.075$	.069$	.079$	.082$	.085$	.090$	.102$	.101$	.082$	.081$	.078$	.077$	
MAX $	15336.$	14065.$	17052.$	17857.$	18471.$	19170.$	21734.$	21712.$	17751.$	17243.$	15781.$	15654.$	205629.$
MIN $	13803.$	12659.$	13642.$	14286.$	14777.$	15336.$	17387.$	17370.$	14201.$	13794.$	14203.$	14089.$	175546.$
MEAN $	14556.$	13362.$	15316.$	16008.$	16591.$	17390.$	19754.$	19657.$	15944.$	15642.$	15077.$	14871.$	194169.$
GMEAN $	14553.$	13359.$	15301.$	15993.$	16575.$	17365.$	19723.$	19630.$	15925.$	15618.$	15071.$	14868.$	194067.$
MEDIAN$	14570.$	13362.$	15347.$	16071.$	16624.$	17253.$	19560.$	19541.$	15976.$	15519.$	14992.$	14871.$	193687.$
STDDEV$	307.1$	297.2$	682.9$	671.9$	739.8$	948.7$	1108.0$	1039.6$	786.1$	853.3$	413.2$	330.8$	6193.4$
SKEW $	-.13$	.00$	-.13$	-.28$	-.13$	.43$	.53$	.34$	-.12$	.43$	.61$	.00$	.23$
LCC INFLOW													
PER % $	.033$	.022$	.025$	.047$	.140$	.171$	.097$	.063$	.186$	.147$	.048$	.022$	
MAX $	239830.$	283699.$	166446.$	198831.$	478579.$	1181981.$	468366.$	415914.$	1392125.$	830575.$	243951.$	97225.$	2266411.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	52356.$
MEAN $	15943.$	10883.$	12294.$	23079.$	68236.$	83599.$	47427.$	30670.$	90828.$	71990.$	23298.$	10640.$	488886.$
GMEAN $	650.$	425.$	1149.$	886.$	11297.$	9980.$	4471.$	3075.$	8185.$	7909.$	2842.$	1106.$	338523.$
MEDIAN$	2158.$	1944.$	2794.$	4691.$	28587.$	34642.$	9414.$	11177.$	19239.$	15969.$	5843.$	4001.$	309118.$
STDDEV$	41944.8$	38284.7$	28030.6$	42635.9$	94769.5$	169672.4$	86079.8$	68981.8$	209662.4$	139297.6$	43510.1$	18503.3$	464243.8$
SKEW $	.99$	.70$	1.02$	1.29$	1.26$	.87$	1.32$	.85$	1.02$	1.21$	1.20$	1.08$	1.16$
LCC EVAP LOSS													
PER % $	.029$	.029$	.072$	.062$	.051$	.094$	.200$	.180$	.076$	.080$	.081$	.047$	
MAX $	4883.$	5717.$	6860.$	7622.$	8293.$	11985.$	14246.$	13318.$	10686.$	8300.$	6980.$	6628.$	64519.$
MIN $	-6160.$	-6353.$	-2425.$	-5005.$	-5583.$	-23871.$	-6545.$	-4235.$	-20406.$	-7893.$	-3273.$	-5583.$	281.$
MEAN $	985.$	998.$	2486.$	2128.$	1759.$	3258.$	6919.$	6222.$	2637.$	2759.$	2795.$	1612.$	34558.$
GMEAN $	198.$	265.$	1415.$	969.$	375.$	1407.$	4419.$	3480.$	604.$	923.$	1243.$	572.$	29299.$
MEDIAN$	1253.$	1142.$	2481.$	2379.$	1909.$	3839.$	7225.$	6104.$	3464.$	2638.$	2676.$	1813.$	32504.$
STDDEV$	1978.1$	2153.6$	1804.4$	2391.4$	2953.8$	5085.2$	4519.1$	4171.2$	5101.6$	3732.1$	2348.9$	2176.1$	15078.6$
SKEW $	-.41$	-.20$	.01$	-.31$	-.15$	-.34$	-.20$	.08$	-.49$	.10$	.15$	-.28$	.41$
LCC RELEASE													
PER % $	.000$	.000$	.000$	.000$	.701$	.024$	.000$	.000$	.275$	.000$	.000$	.000$	
MAX $	0.$	0.$	0.$	0.$	14168.$	248.$	0.$	0.$	2474.$	0.$	0.$	0.$	16889.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	0.$	0.$	0.$	0.$	3604.$	125.$	0.$	0.$	1413.$	0.$	0.$	0.$	5142.$
GMEAN $	1.$	1.$	1.$	1.$	194.$	18.$	1.$	1.$	95.$	1.$	1.$	1.$	874.$
MEDIAN$	0.$	0.$	0.$	0.$	5686.$	137.$	0.$	0.$	2474.$	0.$	0.$	0.$	5934.$
STDDEV$	.0$	.0$	.0$	.0$	3106.5$	123.1$	.0$	.0$	1218.2$	.0$	.0$	.0$	3731.4$
SKEW $	.10$	.10$	.10$	.10$	-2.01$	-.29$	.10$	.10$	-2.61$	.10$	.10$	.10$	-.64$
LCC UNCTRL SPILLS													
PER % $	.031$	.027$	.009$	.034$	.118$	.197$	.095$	.047$	.211$	.181$	.041$	.009$	
MAX $	238795.$	357412.$	160159.$	253261.$	493496.$	1559100.$	450087.$	496496.$	1243875.$	894778.$	253735.$	98907.$	2344319.$
MIN $	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
MEAN $	10187.$	8933.$	2974.$	11397.$	39274.$	65734.$	31566.$	15753.$	70366.$	60406.$	13749.$	3069.$	333410.$

GMEAN $	4.$	3.$	2.$	4.$	44.$	74.$	23.$	4.$	33.$	40.$	9.$	3.$	7107.$
MEDIAN$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	105826.$
STDDEV$	38161.9$	48265.7$	21209.4$	41281.8$	92706.6$	218750.9$	80341.9$	72556.7$	198239.5$	151856.7$	43085.6$	14376.8$	508936.8$
SKEW $	.80$	.56$	.42$	.83$	1.27$	.90$	1.18$	.65$	1.06$	1.19$	.96$	.64$	1.34$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
STATISTICS FOR SIMULATION RUN

YEAR	JAN	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
LCC E-O-M													$
PER % $	.081$	.075$	.070$	.069$	.080$	.092$	.090$	.085$	.092$	.093$	.089$	.084$	
MAX $	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	174673.$	2040738.$
MIN $	5860.$	5840.$	5647.$	5675.$	5543.$	5671.$	5551.$	5558.$	5731.$	5686.$	5765.$	5964.$	150145.$
MEAN $	103930.$	96149.$	90297.$	89298.$	103000.$	117983.$	116326.$	110005.$	118547.$	120191.$	114651.$	107745.$	1288120.$
GMEAN $	77251.$	67665.$	63544.$	60816.$	69038.$	81777.$	80465.$	77345.$	90386.$	94180.$	87538.$	81401.$	1098507.$
MEDIAN$	109859.$	105637.$	93389.$	88835.$	100198.$	137626.$	144920.$	130296.$	131955.$	134899.$	128602.$	113456.$	1420125.$
STDDEV$	56025.0$	56626.9$	56190.9$	57539.9$	64053.6$	63172.7$	61421.3$	59231.8$	57618.5$	56379.5$	57111.1$	55960.4$	537899.9$
SKEW $	-.32$	-.50$	-.17$	.02$	.13$	-.93$	-1.40$	-1.03$	-.70$	-.78$	-.73$	-.31$	-.74$
TOTAL INFLOW TO THE BAY													
PER % $	.038$	.034$	.021$	.043$	.119$	.176$	.095$	.056$	.189$	.161$	.047$	.021$	
MAX $	227324.$	337103.$	154657.$	241318.$	465136.$	1456381.$	425622.$	468777.$	1161916.$	837917.$	241257.$	97225.$	2250885.$
MIN $	4969.$	4557.$	4911.$	5143.$	5320.$	5521.$	6259.$	6253.$	5112.$	4966.$	5113.$	5072.$	64983.$
MEAN $	14687.$	13086.$	8249.$	16338.$	45816.$	67432.$	36370.$	21649.$	72454.$	61739.$	18136.$	8173.$	384130.$
GMEAN $	7010.$	5910.$	5892.$	7690.$	20649.$	16022.$	13525.$	9035.$	16749.$	14076.$	8168.$	6125.$	223061.$
MEDIAN$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	179903.$
STDDEV$	35492.5$	44877.4$	19756.3$	38418.3$	84859.5$	203447.8$	74767.3$	67494.5$	183868.6$	141273.1$	40058.8$	13362.9$	472063.7$
SKEW $	.80$	.55$	.41$	.82$	1.22$	.90$	1.18$	.65$	1.05$	1.19$	.95$	.63$	1.30$
SUPPLY DELIVERED TO CALALLEN													
PER % $	.075$	.069$	.079$	.082$	.085$	.090$	.102$	.101$	.082$	.081$	.078$	.077$	
MAX $	14263.$	13081.$	15859.$	16607.$	17178.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	14558.$	191235.$
MIN $	12837.$	11773.$	12687.$	13286.$	13743.$	14263.$	16170.$	16154.$	13207.$	12829.$	13209.$	13102.$	163258.$
MEAN $	13537.$	12427.$	14244.$	14887.$	15430.$	16173.$	18371.$	18281.$	14828.$	14547.$	14021.$	13830.$	180578.$
GMEAN $	13534.$	12424.$	14230.$	14874.$	15414.$	16149.$	18343.$	18256.$	14810.$	14525.$	14016.$	13827.$	180483.$
MEDIAN$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
STDDEV$	285.6$	276.4$	635.1$	624.9$	688.0$	882.3$	1030.4$	966.9$	731.1$	793.6$	384.3$	307.6$	5759.8$
SKEW $	-.13$	.00$	-.13$	-.28$	-.13$	.43$	.53$	.34$	-.12$	.43$	.61$	.00$	.23$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
ANNUAL SUMMARY$

YEAR$	CHOKE CANYON RESERVOIR INFLOW$	CHOKE CANYON RESERVOIR EVAP$	CHOKE CANYON RESERVOIR CCRREL$	CHOKE CANYON RESERVOIR EOM$	LAKE CORPUS CHRISTI INFLOW$	LAKE CORPUS CHRISTI DEMM$	LAKE CORPUS CHRISTI EVAP$	LAKE CORPUS CHRISTI LCCREL$	LAKE CORPUS CHRISTI RETURN$	LAKE CORPUS CHRISTI SPILL$	LAKE CORPUS CHRISTI EOM$	B & E CALALLEN$
1934$	94138.$	75070.$	34145.$	648462.$	323703.$	197004.$	41006.$	16889.$	69715.$	106373.$	171249.$	184349.$
1935$	899837.$	18638.$	598743.$	677964.$	1971228.$	204237.$	28143.$	0.$	70668.$	2344319.$	162226.$	2250885.$
1936$	282578.$	46320.$	166090.$	677964.$	749398.$	203245.$	24427.$	0.$	70363.$	669825.$	172033.$	693300.$
1937$	66555.$	84322.$	18019.$	634566.$	128035.$	193687.$	35360.$	8408.$	69727.$	0.$	80631.$	77547.$
1938$	95147.$	102559.$	25956.$	590231.$	325114.$	197451.$	57288.$	2499.$	70134.$	91043.$	77949.$	157128.$
1939$	76749.$	83417.$	16872.$	559563.$	269616.$	193687.$	48633.$	8408.$	69727.$	0.$	113709.$	77547.$
1940$	208894.$	64831.$	20682.$	674207.$	779993.$	197633.$	43175.$	2268.$	70154.$	490948.$	174673.$	528844.$
1941$	446252.$	33991.$	294837.$	667069.$	994963.$	205629.$	17958.$	0.$	70818.$	1087393.$	142405.$	1082094.$
1942$	342179.$	55206.$	205547.$	661656.$	945113.$	198372.$	26589.$	5934.$	70034.$	917014.$	142683.$	928376.$
1943$	71937.$	87870.$	16872.$	621723.$	161056.$	193687.$	41316.$	8408.$	69727.$	0.$	77200.$	77547.$
1944$	131110.$	74069.$	17036.$	654530.$	630193.$	195860.$	41675.$	5686.$	69962.$	343580.$	134905.$	394780.$
1945$	107492.$	90364.$	16872.$	647658.$	447692.$	193687.$	54748.$	2474.$	69727.$	209667.$	138893.$	267018.$
1946$	323039.$	57600.$	173248.$	666655.$	1010103.$	197975.$	31308.$	0.$	69992.$	932246.$	146439.$	936981.$
1947$	36172.$	87607.$	16872.$	591220.$	279647.$	193687.$	50815.$	163.$	69727.$	88063.$	104544.$	151777.$
1948$	42109.$	87017.$	18962.$	519339.$	115220.$	193687.$	24045.$	8408.$	69727.$	0.$	12586.$	77547.$
1949$	218812.$	58219.$	32102.$	634268.$	757726.$	193687.$	41564.$	0.$	69727.$	418326.$	148837.$	458770.$
1950$	20676.$	100096.$	16872.$	530849.$	188694.$	193687.$	63812.$	8160.$	69727.$	15884.$	72612.$	92088.$
1951$	153199.$	82816.$	16872.$	577232.$	338469.$	193687.$	44394.$	5934.$	69727.$	45445.$	136019.$	117510.$
1952$	32784.$	85336.$	16872.$	500680.$	143335.$	193687.$	44392.$	8408.$	69727.$	0.$	49738.$	77547.$
1953$	256286.$	77848.$	16872.$	655118.$	468874.$	193687.$	24143.$	5934.$	69727.$	150961.$	158286.$	215640.$
1954$	34820.$	116301.$	16872.$	549637.$	226784.$	193687.$	64519.$	8408.$	69727.$	40287.$	95041.$	115014.$
1955$	39869.$	118143.$	28018.$	431509.$	116167.$	193687.$	28840.$	8408.$	69727.$	0.$	8290.$	77547.$
1956$	53601.$	87266.$	86846.$	274308.$	123426.$	180507.$	12861.$	0.$	64983.$	0.$	25194.$	64983.$
1957$	423638.$	64292.$	20422.$	604605.$	1248395.$	188726.$	38543.$	0.$	67941.$	898586.$	159996.$	903626.$
1958$	465123.$	52646.$	238400.$	677964.$	1254231.$	201177.$	25149.$	5934.$	69963.$	1242859.$	174673.$	1231341.$
1959$	129998.$	88932.$	34620.$	669784.$	357269.$	195243.$	49386.$	8408.$	69503.$	152939.$	160587.$	219556.$
1960$	92022.$	59855.$	16872.$	677950.$	415631.$	193687.$	22412.$	8408.$	69727.$	193909.$	174673.$	257883.$
1961$	120225.$	76308.$	66714.$	626968.$	243964.$	198269.$	53911.$	8160.$	70045.$	105062.$	119701.$	175342.$
1962$	9206.$	98246.$	59711.$	452991.$	55431.$	193687.$	26784.$	8408.$	69727.$	0.$	5964.$	77547.$
1963$	29202.$	71190.$	79710.$	297616.$	144897.$	190391.$	25777.$	8408.$	68541.$	0.$	5995.$	76360.$
1964$	24178.$	42971.$	104069.$	130787.$	431593.$	175546.$	18196.$	0.$	63197.$	202699.$	145216.$	251706.$
1965$	87626.$	29440.$	16872.$	164973.$	231794.$	175546.$	51727.$	0.$	63197.$	96621.$	69988.$	153054.$
1966$	79291.$	27667.$	16872.$	192597.$	307657.$	177270.$	27625.$	0.$	63817.$	92879.$	96743.$	150195.$
1967$	393605.$	36980.$	16872.$	525222.$	1678502.$	178842.$	23323.$	0.$	64383.$	1415279.$	174673.$	1380593.$
1968$	259911.$	58903.$	62418.$	637443.$	489310.$	195604.$	41195.$	2474.$	69934.$	373949.$	107468.$	420007.$
1969$	76660.$	77828.$	16872.$	612275.$	269846.$	193687.$	26944.$	8408.$	69727.$	0.$	165147.$	77547.$
1970$	89373.$	69638.$	16872.$	608010.$	310579.$	193687.$	46558.$	2474.$	69727.$	153391.$	90802.$	214682.$
1971$	462165.$	77037.$	221567.$	677964.$	2266411.$	198758.$	9955.$	5934.$	69879.$	2187191.$	174673.$	2109486.$
1972$	65740.$	71483.$	17274.$	647649.$	254041.$	195157.$	37124.$	2474.$	69516.$	100596.$	104951.$	165371.$
1973$	333411.$	64000.$	169368.$	676138.$	836351.$	199154.$	281.$	5686.$	69922.$	729391.$	173436.$	753543.$

1974$	169235.$	82145.$	59941.$	677964.$	306638.$	197197.$	37796.$	5934.$	70106.$	139351.$	157263.$	205221.$
1975$	150332.$	86621.$	64899.$	649358.$	306447.$	197777.$	56854.$	2474.$	70169.$	153984.$	111808.$	215675.$
1976$	281523.$	72024.$	127168.$	677964.$	759640.$	199205.$	13133.$	5934.$	69927.$	603402.$	174673.$	636610.$
1977$	235577.$	100538.$	130690.$	627100.$	388753.$	202800.$	58096.$	2474.$	70341.$	359329.$	65920.$	406818.$
1978$	164323.$	84160.$	30065.$	664496.$	184389.$	193687.$	24177.$	8408.$	69727.$	0.$	54102.$	77547.$
1979$	159602.$	81967.$	81752.$	625841.$	250277.$	195860.$	33352.$	8160.$	69962.$	76827.$	71683.$	149001.$
1980$	174992.$	99905.$	25582.$	664538.$	504073.$	193687.$	41006.$	5934.$	69727.$	233793.$	126919.$	292674.$
1981$	307468.$	70525.$	159597.$	674458.$	877447.$	200738.$	22453.$	0.$	70290.$	765491.$	167096.$	782197.$
1982$	60229.$	89532.$	17409.$	620392.$	180736.$	195604.$	62908.$	2499.$	69934.$	36564.$	61979.$	106263.$
1983$	34523.$	73290.$	71918.$	479323.$	115821.$	193687.$	15571.$	8408.$	69727.$	0.$	32052.$	77547.$
1984$	59702.$	79441.$	87894.$	334557.$	102088.$	190188.$	8590.$	5934.$	68468.$	0.$	17322.$	73986.$
1985$	159109.$	34956.$	16872.$	434710.$	476023.$	193687.$	31656.$	8408.$	69727.$	105279.$	171187.$	175457.$
1986$	153623.$	57662.$	16872.$	506671.$	94116.$	193687.$	42803.$	8408.$	69727.$	0.$	37277.$	77547.$
1987$	676877.$	74458.$	307900.$	671111.$	305473.$	198032.$	30809.$	8160.$	70197.$	300198.$	113203.$	356970.$
1988$	71622.$	99901.$	66805.$	547803.$	52356.$	193687.$	20359.$	8408.$	69727.$	0.$	9910.$	77547.$
1989$	58472.$	93113.$	39567.$	456878.$	182899.$	193687.$	19761.$	8408.$	69727.$	0.$	10520.$	77547.$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
TOTAL FLOW TO THE BAY IN ACRE-FEET

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	89766.$	5141.$	5525.$	8749.$	19360.$	6442.$	7042.$	7035.$	8052.$	5587.$	16298.$	5354.$	184349.$
1935$	5245.$	4810.$	5525.$	41998.$	172503.$	1456381.$	88629.$	97399.$	328770.$	38987.$	5284.$	5354.$	2250885.$
1936$	5245.$	4810.$	5525.$	5786.$	55439.$	37508.$	305846.$	7269.$	96285.$	155505.$	8842.$	5241.$	693300.$
1937$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1938$	34326.$	4810.$	5525.$	49195.$	18364.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	157128.$
1939$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1940$	5245.$	4810.$	5525.$	5786.$	48443.$	175901.$	213619.$	29833.$	8052.$	5587.$	7219.$	18824.$	528844.$
1941$	5245.$	66140.$	6139.$	147863.$	465136.$	116485.$	66440.$	7035.$	180504.$	10471.$	5284.$	5354.$	1082094.$
1942$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	425622.$	7269.$	415520.$	30247.$	5284.$	5354.$	928376.$
1943$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1944$	5245.$	4810.$	5525.$	5786.$	11273.$	61587.$	7276.$	7035.$	269906.$	5587.$	5397.$	5354.$	394780.$
1945$	5245.$	4810.$	5525.$	49080.$	20518.$	19590.$	7042.$	7035.$	8052.$	129370.$	5397.$	5354.$	267018.$
1946$	5245.$	4810.$	5525.$	5786.$	70495.$	99814.$	7042.$	9056.$	233523.$	485049.$	5284.$	5354.$	936981.$
1947$	5245.$	4810.$	5525.$	5786.$	65935.$	11125.$	22078.$	9034.$	5903.$	5587.$	5397.$	5354.$	151777.$
1948$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1949$	5245.$	4810.$	5525.$	96047.$	186684.$	59354.$	63497.$	15520.$	5751.$	5587.$	5397.$	5354.$	458770.$
1950$	5245.$	4810.$	5525.$	5786.$	11273.$	20983.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	92088.$
1951$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	48015.$	5587.$	5397.$	5354.$	117510.$
1952$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1953$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	96250.$	41646.$	19232.$	5354.$	215640.$
1954$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	44508.$	7035.$	8052.$	5587.$	5397.$	5354.$	115014.$
1955$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1956$	5245.$	4810.$	5525.$	5786.$	5320.$	5521.$	6259.$	6253.$	5112.$	4966.$	5113.$	5072.$	64983.$
1957$	4969.$	4557.$	4911.$	5143.$	380912.$	363339.$	7042.$	7035.$	30920.$	59734.$	29711.$	5354.$	903626.$
1958$	227324.$	337103.$	154657.$	5979.$	11273.$	6442.$	71287.$	7035.$	9656.$	228510.$	166513.$	5562.$	1231341.$
1959$	11101.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	141854.$	5284.$	5354.$	219556.$
1960$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	84940.$	64731.$	47002.$	257883.$
1961$	33302.$	50798.$	5709.$	5786.$	11273.$	29774.$	7276.$	7035.$	8052.$	5587.$	5397.$	5354.$	175342.$
1962$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1963$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	4966.$	5113.$	5072.$	76360.$
1964$	4969.$	4557.$	4911.$	5143.$	5320.$	5521.$	6259.$	6253.$	5112.$	193476.$	5113.$	5072.$	251706.$
1965$	4969.$	4557.$	4911.$	5143.$	75703.$	24995.$	6259.$	6253.$	5112.$	4966.$	5113.$	5072.$	153054.$
1966$	4969.$	4557.$	4911.$	5143.$	72543.$	24675.$	6259.$	6253.$	5112.$	5587.$	5113.$	5072.$	150195.$
1967$	4969.$	4557.$	4911.$	5143.$	5320.$	5521.$	6259.$	6253.$	1161916.$	161308.$	5397.$	9039.$	1380593.$
1968$	133580.$	19919.$	5525.$	5786.$	204532.$	12200.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	420007.$
1969$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1970$	5245.$	4810.$	5525.$	5786.$	19048.$	135802.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	214682.$
1971$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	101271.$	468777.$	588141.$	837917.$	60313.$	13987.$	2109486.$
1972$	6886.$	4709.$	5525.$	5786.$	97788.$	6211.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	165371.$
1973$	5245.$	4810.$	5525.$	5786.$	11273.$	124405.$	68512.$	7269.$	51383.$	419349.$	44744.$	5241.$	753543.$
1974$	5245.$	4810.$	11033.$	5979.$	11273.$	6442.$	7042.$	7035.$	129839.$	5773.$	5397.$	5354.$	205221.$

1975$	5245.$	4810.$	5525.$	5786.$	27223.$	92803.$	42859.$	7035.$	8052.$	5587.$	5397.$	5354.$	215675.$
1976$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	20851.$	29613.$	73579.$	135005.$	241257.$	97225.$	636610.$
1977$	35796.$	14584.$	5709.$	241318.$	60856.$	9852.$	7276.$	7035.$	8052.$	5587.$	5397.$	5354.$	406818.$
1978$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1979$	5245.$	4810.$	5525.$	5786.$	11273.$	77661.$	7276.$	7035.$	8052.$	5587.$	5397.$	5354.$	149001.$
1980$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	218185.$	12028.$	5587.$	5397.$	5354.$	292674.$
1981$	5245.$	4810.$	5525.$	5786.$	76269.$	401584.$	126091.$	7269.$	36313.$	80900.$	27050.$	5354.$	782197.$
1982$	5245.$	4810.$	5525.$	5786.$	39989.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	106263.$
1983$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1984$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	5112.$	4966.$	5397.$	5354.$	73986.$
1985$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	8581.$	7035.$	8052.$	13116.$	94239.$	5354.$	175457.$
1986$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1987$	5245.$	4810.$	5525.$	5786.$	11273.$	204327.$	88344.$	7269.$	8052.$	5587.$	5397.$	5354.$	356970.$
1988$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$
1989$	5245.$	4810.$	5525.$	5786.$	11273.$	6442.$	7042.$	7035.$	8052.$	5587.$	5397.$	5354.$	77547.$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
TOTAL SUPPLY DELIVERED TO CALALLEN

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	14263.$	13081.$	14273.$	14946.$	17178.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	183214.$
1935$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	20212.$	20193.$	16509.$	16036.$	14677.$	13830.$	189941.$
1936$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	20212.$	20193.$	14858.$	16036.$	14677.$	14558.$	189018.$
1937$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1938$	13550.$	12427.$	14273.$	14946.$	17178.$	17829.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	183630.$
1939$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1940$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	20193.$	16509.$	14432.$	13943.$	13830.$	183799.$
1941$	13550.$	12427.$	15859.$	16607.$	17178.$	17829.$	20212.$	18173.$	14858.$	16036.$	14677.$	13830.$	191235.$
1942$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	20193.$	14858.$	16036.$	14677.$	13830.$	184486.$
1943$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1944$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	20212.$	18173.$	14858.$	14432.$	13943.$	13830.$	182150.$
1945$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1946$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	16509.$	16036.$	14677.$	13830.$	184117.$
1947$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1948$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1949$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1950$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1951$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1952$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1953$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1954$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1955$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1956$	13550.$	12427.$	14273.$	14946.$	13743.$	14263.$	16170.$	16154.$	13207.$	12829.$	13209.$	13102.$	167872.$
1957$	12837.$	11773.$	12687.$	13286.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	175515.$
1958$	13550.$	13081.$	15859.$	16607.$	15461.$	16046.$	18191.$	18173.$	14858.$	16036.$	14677.$	14558.$	187095.$
1959$	14263.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	14677.$	13830.$	181576.$
1960$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1961$	13550.$	13081.$	15859.$	14946.$	15461.$	16046.$	20212.$	18173.$	14858.$	14432.$	13943.$	13830.$	184390.$
1962$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1963$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	12829.$	13209.$	13102.$	177064.$
1964$	12837.$	11773.$	12687.$	13286.$	13743.$	14263.$	16170.$	16154.$	13207.$	12829.$	13209.$	13102.$	163258.$
1965$	12837.$	11773.$	12687.$	13286.$	13743.$	14263.$	16170.$	16154.$	13207.$	12829.$	13209.$	13102.$	163258.$
1966$	12837.$	11773.$	12687.$	13286.$	13743.$	14263.$	16170.$	16154.$	13207.$	14432.$	13209.$	13102.$	164861.$
1967$	12837.$	11773.$	12687.$	13286.$	13743.$	14263.$	16170.$	16154.$	13207.$	14432.$	13943.$	13830.$	166323.$
1968$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	181912.$
1969$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1970$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1971$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	16509.$	16036.$	14677.$	14558.$	184845.$
1972$	14263.$	13081.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	181496.$
1973$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	20193.$	14858.$	16036.$	14677.$	14558.$	185213.$
1974$	13550.$	12427.$	14273.$	16607.$	15461.$	16046.$	18191.$	18173.$	14858.$	16036.$	13943.$	13830.$	183393.$

1975$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	20212.$	18173.$	14858.$	14432.$	13943.$	13830.$	183933.$
1976$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	20193.$	16509.$	14432.$	14677.$	14558.$	185261.$
1977$	14263.$	13081.$	15859.$	14946.$	17178.$	17829.$	20212.$	18173.$	14858.$	14432.$	13943.$	13830.$	188604.$
1978$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1979$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	20212.$	18173.$	14858.$	14432.$	13943.$	13830.$	182150.$
1980$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1981$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	20212.$	20193.$	14858.$	14432.$	14677.$	13830.$	186686.$
1982$	13550.$	12427.$	14273.$	14946.$	15461.$	17829.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	181912.$
1983$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1984$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	13207.$	12829.$	13943.$	13830.$	176874.$
1985$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1986$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1987$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	20212.$	20193.$	14858.$	14432.$	13943.$	13830.$	184169.$
1988$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$
1989$	13550.$	12427.$	14273.$	14946.$	15461.$	16046.$	18191.$	18173.$	14858.$	14432.$	13943.$	13830.$	180129.$

CONDITIONAL PROBABILITY MODELING RUN6 ** FINAL **
FOR LCC & CCR
SUMMARY : SPILL BANKING

YEAR	JAN$	FEB$	MAR$	APR$	MAY$	JUN$	JUL$	AUG$	SEP$	OCT$	NOV$	DEC$	ANNUAL
1934$	0.$	91002.$	464.$	0.$	3186.$	0.$	0.$	0.$	0.$	0.$	0.$	11721.$	106373.$
1935$	0.$	0.$	0.$	0.$	38938.$	179052.$	1559100.$	87476.$	96913.$	347126.$	35714.$	0.$	2344319.$
1936$	0.$	0.$	0.$	0.$	0.$	53176.$	33430.$	321043.$	0.$	97348.$	161002.$	3826.$	669825.$
1937$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1938$	0.$	31269.$	0.$	0.$	46677.$	13097.$	0.$	0.$	0.$	0.$	0.$	0.$	91043.$
1939$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1940$	0.$	0.$	0.$	0.$	0.$	45654.$	182462.$	222126.$	24262.$	0.$	0.$	1959.$	476463.$
1941$	14484.$	0.$	65945.$	462.$	152563.$	493496.$	118351.$	63617.$	0.$	187906.$	5052.$	0.$	1101878.$
1942$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	450087.$	0.$	440611.$	26316.$	0.$	917014.$
1943$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1944$	0.$	0.$	0.$	0.$	0.$	0.$	59543.$	0.$	0.$	284037.$	0.$	0.$	343580.$
1945$	0.$	0.$	0.$	0.$	46553.$	15627.$	14386.$	0.$	0.$	0.$	133100.$	0.$	209667.$
1946$	0.$	0.$	0.$	0.$	0.$	69365.$	100648.$	0.$	2173.$	244709.$	515350.$	0.$	932246.$
1947$	0.$	0.$	0.$	0.$	0.$	64463.$	5283.$	16168.$	2150.$	0.$	0.$	0.$	88063.$
1948$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1949$	0.$	0.$	0.$	0.$	97055.$	194300.$	57142.$	60705.$	9124.$	0.$	0.$	0.$	418326.$
1950$	0.$	0.$	0.$	0.$	0.$	0.$	15884.$	0.$	0.$	0.$	0.$	0.$	15884.$
1951$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	45445.$	0.$	0.$	45445.$
1952$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1953$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	97311.$	38774.$	14877.$	150961.$
1954$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	40287.$	0.$	0.$	0.$	0.$	40287.$
1955$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1956$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1957$	0.$	0.$	0.$	0.$	0.$	403147.$	384008.$	0.$	0.$	27063.$	58223.$	26144.$	898586.$
1958$	0.$	238795.$	357412.$	160159.$	0.$	0.$	0.$	69081.$	0.$	4199.$	239502.$	173365.$	1242514.$
1959$	345.$	6415.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	146524.$	0.$	153284.$
1960$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	85327.$	63799.$	149126.$
1961$	44783.$	30169.$	49558.$	0.$	0.$	0.$	25336.$	0.$	0.$	0.$	0.$	0.$	149845.$
1962$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1963$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1964$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	202699.$	0.$	202699.$
1965$	0.$	0.$	0.$	0.$	0.$	75681.$	20940.$	0.$	0.$	0.$	0.$	0.$	96621.$
1966$	0.$	0.$	0.$	0.$	0.$	72283.$	20596.$	0.$	0.$	0.$	0.$	0.$	92879.$
1967$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	1243875.$	167442.$	0.$	1411317.$
1968$	3962.$	137995.$	16245.$	0.$	0.$	213492.$	6217.$	0.$	0.$	0.$	0.$	0.$	377911.$
1969$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1970$	0.$	0.$	0.$	0.$	0.$	14046.$	139345.$	0.$	0.$	0.$	0.$	0.$	153391.$
1971$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	101322.$	496496.$	626019.$	894778.$	59171.$	2177787.$
1972$	9405.$	1883.$	0.$	0.$	0.$	98713.$	0.$	0.$	0.$	0.$	0.$	0.$	110001.$
1973$	0.$	0.$	0.$	0.$	0.$	0.$	127090.$	66098.$	0.$	49066.$	444705.$	42431.$	729391.$
1974$	0.$	0.$	0.$	5923.$	0.$	0.$	0.$	0.$	0.$	133428.$	0.$	0.$	139351.$

1975$	0.$	0.$	0.$	0.$	0.$	22837.$	92886.$	38261.$	0.$	0.$	0.$	0.$	153984.$
1976$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	14848.$	24025.$	72727.$	139159.$	253735.$	504495.$
1977$	98907.$	32970.$	10619.$	0.$	253261.$	58787.$	3693.$	0.$	0.$	0.$	0.$	0.$	458236.$
1978$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1979$	0.$	0.$	0.$	0.$	0.$	0.$	76827.$	0.$	0.$	0.$	0.$	0.$	76827.$
1980$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	227044.$	6749.$	0.$	0.$	233793.$
1981$	0.$	0.$	0.$	0.$	0.$	75575.$	424910.$	127757.$	0.$	32862.$	80982.$	23405.$	765491.$
1982$	0.$	0.$	0.$	0.$	0.$	36564.$	0.$	0.$	0.$	0.$	0.$	0.$	36564.$
1983$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1984$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1985$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	1655.$	0.$	0.$	8096.$	95529.$	105279.$
1986$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1987$	0.$	0.$	0.$	0.$	0.$	0.$	213028.$	87170.$	0.$	0.$	0.$	0.$	300198.$
1988$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$
1989$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$	0.$