US Army Corps
of Engineers

AOP

2002-2003

Northwestern Division
Missouri River Basin
Water Management Division

Missouri River Mainstem System

2002-2003 Annual Operating Plan

Annual Operating Plan Process 50 Years
Serving the Misssouri River Basin

January 2003

DEPARTMENT OF THE ARMY
NORTHWESTERN DIVISION, CORPS OF ENGINEERS
12565 WEST CENTER ROAD
OMAHA, NEBRASKA 68144-3869

REPLY TO
ATTENTION OF:

This Annual Operating Plan (AOP) presents information regarding the Corps of Engineers' operation of the Missouri River Mainstem Reservoir System (System) through December 2003. The information provided in this AOP is based on water management guidelines designed to meet the operational objectives of the existing Missouri River Master Water Control Manual. These guidelines are applied to computer simulations of System operation assuming inflow scenarios based on water supply records from 1898 to 1997. This approach provides a good range of water management simulations for dry, average, and wet conditions.

The AOP provides a framework for the development of detailed monthly, weekly, and daily regulation schedules for the System's six individual dams during the upcoming year to serve its Congressionally authorized project purposes. In addition, 5-year extensions to the AOP water management simulations, through March 2009, are presented to serve as guides for longer range planning. System water management is provided by my staff at the Missouri River Basin Water Management Division, Northwestern Division, U.S. Army Corps of Engineers located in Omaha, Nebraska.

The AOP presents a "steady release" schedule during the nesting season of the interior least tern and piping plover, which are listed for protection under the Endangered Species Act. Under a steady release schedule, enough water would be released to meet minimum navigation flow targets, support river recreation, and meet water quality standards. A release of 30,000 cubic feet per second from Gavins Point Dam, near Yankton, South Dakota, would provide minimum navigation service at least 90 percent of the time between June 15 and August 15. Downstream tributary contributions could provide enough water to allow for lower releases.

The U.S. Fish and Wildlife Service (USFWS) has confirmed to the Corps that steady to declining releases from June 15 through August 15 would comply with the ESA. The Corps is currently consulting with the USFWS on a slightly different plan for the tern and plover nesting season, which is referred to as a "flow-to-target" operation. Under this plan, releases would be gradually increased throughout the nesting season to meet minimum flow targets as the downstream tributaries dry up. The flow-to-target plan simultaneously meets downstream needs and conserves nearly 250,000 acre-feet of water in the three large upstream reservoirs. The outcome of this consultation will assist in determining the final operation during the nesting season.

A draft of this AOP was made available to the public in late September 2002. As part of the Corps' government-to-government consultation on the AOP, two meetings were held at reservations at the request of Tribes with the Three Affiliated Tribes on October 15, 2002 at New Town, North Dakota and the Cheyenne River Sioux Tribe on October 16, 2002 at Eagle Butte, South Dakota. Three fall public meetings on the Draft AOP were held on October 15, 2002 at Bismarck, North Dakota; October 16, 2002 at Omaha, Nebraska; and October 17, 2002 at Jefferson City, Missouri. The primary purposes of these five meetings were to present a synopsis

of the Draft AOP and to allow those in attendance to make comments in person to Corps of Engineers staff. Attendees included representatives from the Tribes, Missouri River Basin states, public and industry interest groups and private citizens. Copies of the comment letters received on the Draft AOP and a report on the comments received at the five meetings are available upon request, as outlined below. A press release announcing the publication of the 2002-2003 AOP was provided on January 15, 2003 and is shown as Exhibit 1.

In addition to the AOP, two separate documents are also available entitled: "System Description and Operation" and "Summary of Actual 2001-2002 Operations." To receive copies of those documents you may contact the Water Management Division at 12565 West Center Road, Omaha, Nebraska 68144-3869, phone (402) 697-2676. Both documents are also available at the "Reports and Publications" link on our web site at: **www.nwd.usace.army.mil/rcc**.

I thank you for your interest in the operation of the System. With your help, I trust we can ensure that the System is operated for all Congressionally authorized project purposes, and meets the contemporary needs of the people who benefit from it.

Sincerely,

David A. Fastabend
Brigadier General, U.S. Army
Division Engineer

MISSOURI RIVER MAINSTEM RESERVOIR SYSTEM

Annual Operating Plan
2002-2003

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ABBREVIATIONS

AOP	-	annual operating plan
ac.ft.	-	acre-feet
AF	-	acre-feet
B	-	Billion
cfs	-	cubic feet per second
COE	-	Corps of Engineers
CY	-	calendar year (January 1 to December 31)
elev	-	elevation
ft	-	feet
FY	-	fiscal year (October 1 to September 30)
GIS	-	Geographic Information System
GWh	-	gigawatt hour
KAF	-	1,000 acre-feet
Kcfs	-	1,000 cubic feet per second
kW	-	kilowatt
kWh	-	kilowatt hour
M	-	million
MAF	-	million acre-feet
MRBA	-	Missouri River Basin Association
MRNRC	-	Missouri River Natural Resources Committee
msl	-	mean sea level
MW	-	megawatt
MWh	-	megawatt hour
plover	-	piping plover
pp	-	powerplant
RCC	-	Reservoir Control Center
RM	-	river mile
tern	-	interior least tern
tw	-	tailwater
USFWS	-	United States Fish and Wildlife Service
USGS	-	United States Geological Survey
yr	-	year

DEFINITION OF TERMS

Acre-foot (AF, ac-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or 325,850 gallons.

Cubic foot per second (cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to approximately 7.48 gallons per second or 448.8 gallons per minute. The volume of water represented by a flow of 1 cubic foot per second for 24 hours is equivalent to 86,400 cubic feet, approximately 1.983 acre-feet, or 646,272 gallons.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment) that passes a given point within a given period of time.

Drainage area of a stream at a specific location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the river above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by drainage system, which consists of a surface stream or body of impounded surface water together with all tributary surface streams and bodies of impounded water.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

Runoff in inches shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

MISSOURI RIVER MAINSTEM RESERVOIR SYSTEM

Annual Operating Plan
2002 - 2003

I. FOREWORD

This Annual Operating Plan (AOP) presents pertinent information and plans for operating the Missouri River Mainstem Reservoir System (System) through December 2003 under widely varying water supply conditions. It provides a framework for the development of detailed monthly, weekly, and daily regulation schedules for the System's six individual dams during the upcoming year to serve the Congressionally authorized project purposes. Regulation is directed by the Missouri River Basin Water Management Division (formerly the Reservoir Control Center), Northwestern Division, U.S. Army Corps of Engineers (Corps). A map of the Missouri River Basin (Basin) is shown on ***Plate 1*** and the summary of engineering data for the six System reservoirs is shown on ***Plate 2***.

This plan may require adjustments when substantial departures from expected runoff occur, to meet emergencies, or to meet the provisions of other applicable law, including the Endangered Species Act (ESA) and the conclusion of ongoing Corps and USFWS consultation under Section 7 of that Act. Results of a 5-year extension to the AOP studies (March 2004 to March 2009) are presented to serve as a guide for Western Area Power Administration's (WAPA) power marketing activities and those other interests that require information on reservoir conditions for long term planning.

Prior to the 1998-1999 AOP, a System description and discussion of the typical operation, a historic summary of the previous year's operation, and the plan for future operation was included in one document. Since the 1998-1999 AOP this information has been published in separate reports available upon request. This document provides the plan for future operation of the System. To receive a copy of either the updated version of the "System Description and Operation," dated Spring 2002, or the "Summary of Actual 2001-2002 Operations," contact the Missouri River Basin Water Management Division at 12565 West Center Road, Omaha, Nebraska 68144-3869, phone (402) 697-2676. Both reports will be available at the "Reports and Publications" link on our web site at: **www.nwd-mr.usace.army.mil/rcc** in early 2003. As the cover reflects, this year represents the 50th year that an AOP has been prepared for the operation of the System. This process has served the Corps and the Basin well as a forum for discussion of the next year's operating plan.

II. PURPOSE AND SCOPE

Beginning in 1953, projected System operation for the year ahead was developed annually as a basis for advance coordination with the various interested Federal, state, and local agencies and private citizens. Also beginning in 1953, a coordinating committee was organized to make recommendations on each upcoming year's System operation. The Coordinating Committee on Missouri River Mainstem Reservoir Operations held meetings semiannually until 1981 and provided recommendations to the Corps. In 1982, the Committee was dissolved because it did not conform to the provisions of the Federal Advisory Committee Act. Since 1982, to continue providing a forum for public participation, one or more open public meetings are held semiannually in the spring and fall. The fall public meeting is conducted to take public input on a draft of the AOP, which typically is published in early October each year. The spring meetings are conducted to update the public on the current hydrologic conditions and projected System operation for the remainder of the year.

The spring public meetings were held in Pierre, South Dakota on April 9, 2002, Omaha, Nebraska on April 10, 2002 and Kansas City, Missouri on April 11, 2002. The attendees were given an update regarding the outlook for 2002 runoff and projected operation for the remainder of 2002. Three fall public meetings on the Draft AOP were held on October 15, 2002 at Bismarck, North Dakota, October 16, 2002 at Omaha, Nebraska and October 17, 2002 at Jefferson City, Missouri. As part of the Corps' government-to-government consultation on the AOP, two meetings were held at reservations at the request of Tribes. One was held at the Three Affiliated Tribes Reservation on October 15, 2002 at New Town, North Dakota and the second was at the Cheyenne River Reservation on October 16, 2002 at Eagle Butte, South Dakota.

Preliminary Draft AOP data was presented to the Missouri River Natural Resources Committee (MRNRC) on August 15, 2002. The MRNRC chose not to provide pre-draft comments.

III. MASTER MANUAL REVIEW AND UPDATE AND ESA CONSULTATIONS

In August 2001, the Corps released the Revised Draft Missouri River Environmental Impact Statement (RDEIS) on the Missouri River Master Water Control Manual Review and Update (Review and Update), which presented the impacts associated with a number of potential Water Control Plan alternatives. The Corps is in the process of re-initiating formal consultation with the Unite States Fish and Wildlife Service (USFWS) on the current Water Control Plan. Completion of formal consultation and a Biological Opinion is anticipated within the 135 days allowed by regulation, which will be followed by completion of the Final Environmental Impact Statement (FEIS) for the Review and Update and preparation of a Record of Decision. Implementation of a revised Water Control Plan is anticipated in 2004.

This AOP presents a "steady-release" schedule during the nesting season of the interior least tern and piping plover. The two birds are listed for protection under the ESA. The System release rate shown of 30,000 cubic per second (cfs) from Gavins Point Dam, near Yankton, South Dakota, would provide minimum navigation service at least 90 percent of the time between June 15 and August 15. Downstream tributary contributions could provide enough water to allow for lower releases. The USFWS has confirmed to the Corps that steady to declining releases from June 15 through August 15 would comply with the ESA.

The Corps is also currently in the process of initiating formal consultation with the USFWS under Section 7 of the ESA on a slightly different plan for the tern and plover nesting season, which is referred to as a "flow-to-target" operation. Under this plan, releases would be gradually increased throughout the nesting season to meet minimum flow targets as the tributaries dry up. Nests threatened by rising water or erosion would be moved to higher ground when possible. Threatened chicks and eggs would be collected by biologists for captive rearing at our "bird house" at Gavins Point Dam and subsequently released. We prefer the flow-to-target plan because it simultaneously meets downstream needs and saves nearly 250,000 acre feet of water in the three biggest reservoirs that could reduce the anticipated decline in the reservoirs by 4 to 18 inches, depending on the contributions by the downstream tributaries. Based on the results of the consultation, the flow-to-target plan could possibly replace the steady-release plan for the 2003 nesting season.

IV. FUTURE WATER SUPPLY - AUGUST 2002 - DECEMBER 2003

Due to continued drought throughout much of the Missouri River Basin, Simulation forecasts for the regulation of the six System reservoirs were updated to reflect December 1 rather than August 1, 2002 conditions. The August 1 forecast of annual runoff above Sioux City, Iowa was 17.0 million acre-feet (MAF), but the December 1 forecast and actual 2002 runoff above Sioux City was 16.0 MAF. The December 1 most likely runoff scenario was used as input to the Basic reservoir regulation Simulation (Simulation) in the AOP studies for December 2002. Normal runoff was used in the Basic Simulation for January and February 2003. Two other runoff scenarios based on the December 1 most likely runoff scenario were developed for the same period. These are the 80 percent and 120 percent of the most likely runoff scenarios, which are input to the 80 percent and 120 percent of Basic Simulations for the December 2002 to February 2003 period.

Simulations for the March 1, 2003 to February 29, 2004 time period use five statistically derived inflow scenarios based on an analysis of water supply records from 1898 to 1997. This approach provides a good range of simulations for dry, average, and wet conditions, and eliminates the need to forecast future precipitation, which is very difficult.

The Upper Decile and Upper Quartile Simulations extend from the end of the 120 percent of Basic Simulation through February 2004. Likewise, the Median Simulation extends from the end of the

Basic Simulation, and the Lower Quartile and Lower Decile Simulations extend from the end of the 80 percent of Basic Simulation through February 2004.

Upper Decile runoff (34.5 MAF) has a 1 in 10 chance of being exceeded, Upper Quartile (30.6 MAF) has a 1 in 4 chance of being exceeded, and Median (24.6 MAF) has a 1 in 2 chance of being exceeded. Lower Quartile runoff (19.5 MAF) has a 1 in 4 chance of the occurrence of less runoff, and Lower Decile (15.5 MAF) has a 1 in 10 chance of the occurrence of less runoff. There is still a 20 percent chance that a runoff condition may occur that has not been simulated; i.e., 10 percent chance runoff could be lower than Lower Decile, and a 10 percent chance runoff could be greater than Upper Decile.

The estimated natural flow 1/ at Sioux City, the corresponding post-1949 water use effects, and the net flow 2/ available above Sioux City are shown in ***Table I,*** where several water supply conditions are quantified for the periods December 2002 through February 2003 and the runoff year March 2003 through February 2004. The natural water supply for CY 2002 (actual January 2002 through November 2002 runoff plus the December 1 most likely runoff scenario is estimated to total approximately 16.0 MAF.

TABLE I
NATURAL AND GROSS WATER SUPPLY AT SIOUX CITY

	Natural 1/	**Post-1949 Depletions**	**Net 2/**
		(Volumes in 1,000 Acre-Feet)	
December through February 2003 (Most Likely Runoff Scenario)			
Basic	2,600	+100	2,700
120% Basic	2,900	+200	3,100
80% Basic	2,000	0	2,000
Runoff Year March 2003 through February 2004 (Statistical Analysis of Past Records)			
Upper Decile	34,500	-2,500	32,000
Upper Quartile	30,600	-2,400	28,200
Median	24,600	-2,600	22,000
Lower Quartile	19,500	-2,400	17,100
Lower Decile	15,500	-2,200	13,300

1/ The word "Natural" is used to designate flows adjusted to the 1949 level of basin development, except that regulation and evaporation effects of the Fort Peck Reservoir have also been eliminated during its period of operation prior to 1949. 2/ The word "Net" represents the total streamflow after deduction of the post-1949 irrigation, upstream storage, and other use effects.

V. ANNUAL OPERATING PLAN FOR 2002-2003

A. General. The anticipated operation described in this AOP is designed to meet the operational objectives presented in the current Missouri River Master Water Control Manual (Master Manual), which was first published in the 1960's. Consideration has been given to all of the authorized project purposes, and to the needs of threatened and endangered (T&E) species, and relies on a wealth of operational experience. Operational experience available for preparation of the 2002-2003 AOP includes 13 years of operation at Fort Peck Reservoir (1940) by itself plus 49 years of System experience as Fort Randall (1953), Garrison (1955), Gavins Point (1955), Oahe (1962), and Big Bend (1964) have been brought progressively into System operation. This operational experience includes lessons learned during the 6 consecutive years of drought of the late1980's through 1992 as well as the high runoff period that followed. Runoff during the period 1993 to 1999 was greater than Upper Quartile level during 5 of those 7 years, including the record 49.0 MAF of runoff in 1997. In addition to the long period of actual operational experience, many background operational studies for the completed System are available for reference.

This operational experience has shown that additional water conservation measures, beyond the specific technical criteria published in the current Master Manual, may be required to meet the operational objectives of the current Master Manual, if System water-in-storage (storage) is below 52 MAF on July 1 of any year. These additional conservation measures may be necessary during drought to offset increased release requirements for water supply due to degradation (lowering) of the channel bed, and to serve navigation, while meeting the Corps' obligations, in consultation with the USFWS, under the ESA. After each runoff year (March 1 through February 28) an analysis is performed to determine how much additional water conservation, if any, is needed to compensate for releases in excess of the specific technical criteria in that runoff year. If additional water conservation measures are called for, they are applied to the next runoff year's operation. Although July 1, 2002 System storage was only 48.8 MAF, no additional System releases were made for any project purpose above the specific technical criteria in the 2001 runoff year. Therefore, no additional conservation measures beyond the specific technical criteria presented in the Master Manual will be implemented in the 2002 runoff year.

Two sets of Simulations for the 2003 runoff year are shown in the final section of this AOP. The first set, studies 4 through 8 assume a steady-release from Gavins Point Dam from mid-May through August to prevent T&E bird species from nesting at low elevations and thereby help protect them from inundation. The Upper Decile and Upper Quartile runoff Simulations shown as studies 4 and 5 have a 27,200 cfs system release to meet minimum service targets from mid-May through August 2003. The Median, Lower Quartile, and Lower Decile Simulations assume a steady 30,000 cfs System release, reflecting continued dry conditions below Gavins Point Dam. System releases shown in previous AOPs were not absolute and adjustments were made as necessary to meet the navigation service level as determined by the March 15 and July 1 System storage checks. The assumption for this AOP is that the 30,000 cfs steady release would not be exceeded, and therefore, target flows may not be met at all

times if extremely dry conditions persist downstream. An analysis of previous drought years indicates a 30,000 cfs Gavins Point Dam release will provide minimum service or greater flows at Kansas City 90 percent of the time. Temporary reductions in releases will be made during this period if significant runoff occurs below the System. Steady-Release Simulations for Median, Lower Quartile, and Lower Decile extensions from March 1, 2004 through March 1, 2009 are shown in studies 9 through 23. The second set of Simulations, studies 24 through 28, assume a flow-to-target regulation that was used during the 2001 and portions of the 2002 T&E bird species nesting season. A flow-to-target regulation would typically result in increased System releases as the T&E nesting season progresses. This is due to reduced tributary inflows downstream as the summer heat builds, evaporation increases and precipitation wanes. Increasing releases as the nesting season progresses can inundate nests and chicks on low-lying habitat. Because fledge ratio (numbers of chicks reared to flight stage) goals for the Missouri River are being met, the Corps is continuing to consult with the USFWS to determine whether under the flow-to-target scenario, low-lying T&E species' nests and chicks at risk of inundation from increasing releases could be moved to higher terrain or a captive rearing facility. Flow-to-target extensions are shown as studies 29 through 43.

System releases during the navigation season except for the mid-May through August Median, Lower Quartile, and Lower Decile Steady-Release Simulations are based on a service level determination in accordance with the March 15 and July 1 storage checks presented in the current Master Manual. Average releases necessary to meet full service flow targets during the navigation season are shown in ***Table II***. Under the Steady-Release Simulation, System release would be set in mid-May to the level expected to be required to meet downstream flow targets through August. This results in releases that exceed the amount necessary to meet downstream flow targets during the early portion of the T&E bird nesting season.

TABLE II
GAVINS POINT RELEASES NEEDED TO MEET
FULL SERVICE FLOW TARGETS
1950 - 1996
(Discharges in 1,000 cfs)

Runoff Scenario	Month Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Average
Median, Upper Quartile, Upper Decile	26.7	28.0	27.9	31.6	33.2	32.6	32.0	31.1	30.4
Lower Quartile, Lower Decile	29.8	31.3	31.2	34.3	34.0	33.5	33.1	31.2	32.3

System releases under the Flow-to-Target Simulation would be set at only the level necessary to meet downstream flow targets. The flow-to-target regulation would conserve more water in the

System, which would keep the lake levels at the upper three System projects at relatively higher levels. Although the maximum mid-May through August flow-to-target release for Median runoff is shown as 27,200 cfs in study 26 and 28,300 cfs in the Lower Quartile and Lower Decile runoff studies 27 and 28, releases could be greater if needed to maintain the appropriate level of downstream flow support. A flow-to-target regulation would conserve approximately 200,000 to 800,000 AF as compared to a steady-release regulation.

The specific technical criteria for the September 1 storage check to determine winter release rates were not used in the Simulations. A minimum release of 13,000 cfs was used for all Simulations for the winter 2002-2003 and the winter 2003-2004. This will provide downstream winter flows sufficient to allow the operation of downstream powerplants, as provided for in the current Master Manual, and is based on past operational experience.

Application of the specific technical criteria for the September 1 storage check would result in winter releases in 2003-2004 for the Upper Decile and Upper Quartile Simulations above the 13,000 cfs level, but System winter releases will be held to 13,000 cfs as a water conservation measure during the current drought.

The 13,000 cfs winter release will reduce System storage an additional 536,000 AF for both the Basic and 80 percent Simulations for winter 2002-2003 compared to the application of the specific technical criteria. Because releases in July and August 2002 were lower than those needed to provide minimum service, 378,000 AF of storage was conserved as compared to regulation under the specific technical criteria. Therefore, the net reduction in storage in the 2002 runoff year, as compared to regulation under the specific technical criteria, is 158,000 AF.

Only the Median, Lower Quartile, and Lower Decile Simulations show System storage below 52 MAF on July 1, 2003. The Simulations for those three runoff scenarios also show that application of the specific technical criteria result in minimum service throughout the 2003 navigation season. Shortening of the 2003 navigation season is therefore the only available option for additional water conservation. If the Simulations verify, the 2003 navigation season would be shortened by 5 days for Median, Lower Quartile and Lower Decile runoff to compensate for the additional water released during the winter 2002-2003. The Upper Quartile and Upper Decile Simulations show that System storage on July 1 will be above 52 MAF, and therefore would follow the specific technical criteria.

During the late 1980's to early 1990's drought years, a two-day-down, one-day-up peaking cycle was utilized. This regulation provided for lower flows for two out of three days to conserve water in the System while ensuring that T&E bird species did not nest on low-lying habitat. We have not included a peaking cycle in any of the Simulations because of concerns voiced by the USFWS regarding negative impacts to river fish. Intrasystem releases are adjusted to best serve the multiple-purpose functions of the projects with special emphasis placed on regulation for non-listed fisheries starting in early April and for T&E bird species beginning in early May and continuing through August. System releases for all runoff conditions are at less than full service flows due to low System storage.

A reanalysis of the average monthly Gavins Point releases needed to meet service level target requirements was completed in 1999. The study used the Daily Routing Model (DRM) for the period 1950 to 1996. As part of this study, the relationship between annual runoff upstream of Sioux City and the average Gavins Point Dam release required for the navigation season was analyzed. The study concluded that generally more water was needed downstream to support navigation during years with below normal upper basin runoff than during years with higher upper basin runoff. Therefore, regulation studies since 1999 use two levels of System release requirements; one for Median, Upper Quartile, and Upper Decile runoff scenarios, and another for Lower Quartile and Lower Decile scenarios.

The updated release requirements for full service navigation used in the development of the 2002-2003 AOP are given in ***Table II***. Releases required for minimum service navigation support are 6,000 cfs less than the numbers provided in ***Table II***. A final report detailing the procedures used in this study is available on our web site. As explained previously, the Steady-Release Median, Lower Quartile, and Lower Decile Simulations utilize a 30,000 cfs release from mid-May through August rather than the minimum service releases computed from ***Table II***. This release is higher than the ***Table II*** values and reflects lower downstream tributary flow contributions than was used when the table was prepared.

None of the Simulations reach the desired 57.1 MAF System storage level on March 1, 2004. The Median and above Simulations include releases that provide a steady to rising lake level in the three large upper reservoirs during the spring fish spawn period. Similar regulation in the past has resulted in a higher fish reproduction success. As previously stated, Gavins Point releases will not be cycled to conserve water under any of the five studied runoff scenarios. However, it may be necessary to cycle releases for flood control operations during the T&E species nesting season.

Actual System operation from January 1 through November 30, 2002 and the operating plans for each project for the remainder of 2002 with the Basic Simulation and for CY 2003 using the five runoff scenarios described on page 3 are presented on ***Plates 3 through 8***, inclusive. An exception is the omission of Big Bend, since storage at that project is relatively constant and average monthly releases are essentially the same as those at Oahe. These plates also show, on a condensed scale, actual operations during the period 1953 through 2001.

Plate 9 illustrates for Fort Peck, Garrison, Oahe, and Gavins Point Dams the actual reservoir releases (Regulated Flow) as well as the Missouri River flows (Unregulated Flow) that would have resulted if the reservoirs were not in place during the period January 2001 through November 2002. ***Plate 10*** presents past and simulated gross monthly, average power generation, and gross peaking capability for the System.

B. <u>Operation for the Balance of the 2002 Navigation Season.</u> Gavins Point releases were held to a rate of 25,500 cfs from July 1 through August 14 due to T&E bird species nesting below Fort Randall and Gavins Point Dams. This nesting activity resulted in flows of up to 7,000 cfs less than minimum service being provided at Kansas City and downstream on the Missouri River. After T&E bird species nesting activity concluded, releases were increased from 25,500 cfs to 31,000 cfs by

August 15 to meet downstream minimum service flow requirements. Releases through the fall season were adjusted as needed to provide minimum service (6,000 cfs less than full service) flow support to navigation as computed by the July 1 System storage check. System storage was 48.2 MAF on July 1, 2002, substantially less than the 59.0 MAF minimum storage required to provide full service flows. The current storage is also much less than the 50.5 MAF 1 July check for greater than minimum service flows; therefore, a significant System storage gain will have to occur before a service level greater than minimum service is provided. A full 8-month navigation season was provided in 2002.

System storage declined to 49.3 MAF on December 1 at the close of the 2001 navigation season. The winter of 2001-2002 brought virtually no significant plains snowpack. The mountain snowpack peaked in the reach above Fort Peck at 91 percent of normal on May 11th, which was about 26 days later than normal. The mountain snowpack in the reach between Fort Peck and Garrison peaked at 85 percent of normal on April 22nd. The total runoff for 2002 was 16.0 MAF, the 10th lowest in 105 years of record, and is near a lower decile runoff. January and February were 116 and 85 percent of normal, respectively. March fell to only 41 percent, and April was 60 percent of normal with no plains snowpack to melt. The months of May, June, and July were well below average at 52, 79, and 62 percent of normal, respectively, because of the below normal mountain snowmelt. Runoff for August was 65 percent of normal and September was only 66 percent of normal. October was only 61 percent of normal and November was only 76 percent of normal. The closing dates for ending the 2002 navigation season were November 22 at Sioux City, November 24 at Omaha, November 25 at Nebraska City, November 27 at Kansas City, and December 1 at the mouth of the Missouri River near St. Louis.

Energy generation by the System powerplants for the period August 1 to December 1 was 2.9 billion kilowatt hours (kWh), 0.9 billion kWh below normal.

Fort Peck Dam releases ranged from 4,000 to 9,300 cfs for the remainder of the 2002 navigation season. Fort Peck Lake declined 2.2 feet from elevation 2219.0 feet mean sea level (msl) to 2216.8 feet msl by the end of the navigation season, 17.5 feet lower than the 1967-2001 long-term average.

Garrison Dam releases ranged from 12,800 to 21,700 cfs through the remainder of the 2002 navigation season. The level of Lake Sakakawea declined by 6.8 feet from elevation 1831.4 feet msl to 1824.6 feet msl by November 30, 13.6 feet below the long-term average.

Oahe Dam releases were reduced from an August average of 29,200 cfs to 9,300 cfs in late November as the navigation season ended. Lake Oahe lowered 7.4 feet from an August 1 elevation of 1590.8 feet msl to the November 30 elevation of 1583.4 feet msl, 18.4 feet below the long-term average.

Big Bend Dam releases paralleled those from Oahe. Lake Sharpe generally fluctuated between 1420.0 and 1421.0 feet msl for weekly cycling during high power load periods. Actual elevations ranged from 1419.3 feet msl to 1421.1 feet msl during the period of August through November. Reservoir fluctuations of a foot are scheduled during most weeks in order to follow peaking power

demands. Storage lost during the week is regained during the succeeding weekend period of lower power demands.

Fort Randall Dam releases generally paralleled those from Gavins Point. Lake Francis Case was lowered one month early to elevation 1338.2 feet msl by October 31 to permit the permanent protection of a Native American gravesite located at White Swan. Project personnel requested a further lowering to elevation 1335.0 feet msl by November 11, 2002 to permit placement of rock below the normal annual minimum elevation. The lowering of Lake Francis Case will provide sufficient capacity to store a reasonable level of power releases from Oahe and Big Bend during the winter season.

Gavins Point Dam releases ranged from 25,500 to 31,000 cfs during the remainder of the navigation season. Lewis and Clark Lake rose about 3 feet from elevation 1205.2 to elevation 1208.0 feet msl during the remainder of the navigation season that ended December 1. Prior to 1992, Lewis and Clark Lake was maintained at a target elevation of 1208.0 feet msl from September to mid-February when it was lowered to elevation 1205.0 feet msl, the beginning of the runoff season. The September to mid-February target was lowered to elevation 1207.0 feet msl in 1992 to reduce shoreline erosion and displacement of riprap on the dam. The March-August elevation was raised to elevation 1206.0 feet msl to improve recreational access. After modification of the riprap and coordination with the States of South Dakota and Nebraska, a decision was made to return to the 1208.0 feet msl elevation for the late summer through winter 2001-2002 periods. The State of South Dakota experienced damage to recreation areas last winter and an agreement was reached between the Corps and the State to lower the target elevation by one-half foot to elevation 1207.5 feet msl from late summer through winter 2002-2003.

C. Operating Plan for the Winter of 2002-2003. Due to low System storage, the specific technical criteria presented in the current Master Manual for the September 1 storage check were not used to determine winter 2002-2003 and winter 2003-2004 System releases in the Simulations. At a System storage level of 58.0 MAF or above on September 1, the specific technical criteria calls for a full service release rate for the following winter, and minimum service releases if system storage is at or below 43.0 MAF. Average full and minimum service winter release rates from Fort Randall Dam are 15,000 and 5,000 cfs, respectively. The storage on September 1, 2002 was 46.9 MAF, 11.1 MAF less than the 58.0 MAF required to provide a full service release of 15,000 cfs from Fort Randall Dam. The September 1 storage check specifies a Fort Randall Dam winter release rate of only 7,600 cfs. This corresponds to a Gavins Point Dam winter release of 9,000 cfs, which is much too low based on operational experience with winter ice. Therefore, winter System releases in all Simulations are set to a minimum of 13,000 cfs for the winter of 2002-2003 and the winter of 2003-2004. It may be necessary at times to increase System releases to provide adequate downstream flows if ice jams or blockages form which temporarily restrict flows. These events are expected to occur infrequently and be of short duration based on past experiences. It is anticipated that this year's winter release will be adequate to serve all downstream water intakes except for very short periods that may be impacted below rapidly forming ice jams.

For the winter period from the close of the 2002 navigation season on December 1, 2002 until the opening of the 2003 navigation season on April 1, 2003, operations are expected to be as follows:

Fort Peck Dam releases are expected to average 10,000 cfs in December and 11,000 cfs in January and February. The December release is equal to the 1967-2001 average and the January and February releases are 500 cfs and 1,000 cfs below average, respectively. The Basic Simulation shows Fort Peck Lake will lower 4.6 feet to elevation 2212.2 feet msl by the end of the winter period. Carryover multiple purpose storage in the three large upper reservoirs will be near a balanced condition on March 1, 2003. The lake is expected to rise 1.3 feet to elevation 2213.5 feet msl by March 31, 19.2 feet below normal.

Garrison Dam releases will be adjusted to serve winter power loads and balance System storage. Releases will follow a more typical pattern than last year's record low 13,000 cfs winter release. Releases will be scheduled at 20,000 cfs at the time of normal freeze-in and likely will have to be reduced for a short period to 18,000 cfs during the freeze-in in the Bismarck area in an attempt to not exceed the target 13-foot stage at the Bismarck gage. Flood stage is 16 feet. Garrison Dam releases are expected to average 20,000 cfs at the beginning of the winter period and gradually increase to 23,000 cfs in January and February, 1,200 to 2,500 cfs less than normal. Lake Sakakawea is expected to lower from near elevation 1824.6 feet msl to elevation 1819.5 feet msl by March 1, 18.0 feet below the base of the annual flood control storage zone. The Median Simulation indicates the lake will rise to elevation 1820.8 feet msl by March 31, which would be 14.9 feet below normal.

Oahe Dam releases for the winter season will provide backup for the Fort Randall and Gavins Point Dam releases plus fill the recapture space available in Lake Francis Case consistent with anticipated winter power loads. Monthly average releases may vary substantially with fluctuations in power loads occasioned by weather conditions but, in general, are expected to average between 13,000 and 16,000 cfs. Daily releases will vary widely to best meet power loads. Peak hourly releases, as well as daily energy generation, will be constrained to prevent urban flooding in the Pierre and Fort Pierre areas if severe ice problems develop downstream of Oahe Dam. This potential reduction has been coordinated with the Western Area Power Administration.

The Lake Oahe level is expected to gradually rise from elevation 1583.6 feet msl at the end of the 2002 navigation season to elevation 1589.0 by March 1, then rise to elevation 1592.3 feet msl by the end of March, 14.3 feet below normal.

Lake Sharpe at Big Bend will be maintained in the normal 1420.0 to 1421.0 feet msl range during the winter.

Fort Randall Dam releases will average near 11,000 cfs. Lake Francis Case is expected to rise from 1338.2 feet msl at the end of the 2002 navigation season to near elevation 1350.0 feet msl, the seasonal base of flood control, by March 1. However, if the plains snowpack flood potential downstream of Oahe Dam is quite low at that time, measures will be taken to raise Lake Francis Case to near elevation 1353.0 feet msl by March 1. It is likely that a Lake Francis Case level above

elevation 1353.0 feet msl, to as high as 1355.2, will be reached by the end of the winter period on March 31, if runoff conditions permit. The level of Lake Francis Case above the White River delta near Chamberlain, South Dakota will likely remain at a higher elevation than the lake below the delta from mid-October through December, due to the damming effect of this delta area.

Gavins Point Dam releases were gradually reduced beginning the last week of November to a winter level of 13,000 cfs. These releases should be adequate to maintain water levels necessary during freeze-in for downstream water intakes; however, adjustments to the releases may be required if significant reduction in flows occurs downstream due to ice blockages. Lewis and Clark Lake will generally be near elevation 1207.5 feet msl until late February when it will be lowered to elevation 1206.0 feet msl for controlling spring floods, primarily from the Niobrara River and Ponca Creek along the Fort Randall Dam to Gavins Point Dam reach.

System storage for all five runoff conditions will be substantially below the base of the annual flood control zone by March 1, 2003, the beginning of next year's runoff season.

D. Operations During the 2003 Navigation Season. The Upper Decile, Upper Quartile, Median, Lower Quartile, and Lower Decile runoff scenarios studied for this year's AOP follow the specific technical criteria presented in the current Master Manual for navigation service flow support. The normal 8-month navigation season length is shortened for Median, Lower Quartile, and Lower Decile as shown in ***Table III*** to compensate for the extra water released during winter 2002-2003. Releases from Fort Peck, Garrison, and Fort Randall Dams will follow repetitive daily patterns from early May, at the beginning of the T&E species nesting season, to the end of the nesting in late August. As previously stated, steady System releases for all five runoff scenarios are shown during the tern and plover nesting season (mid-May to the end of August) to keep birds from nesting at low elevations for the Steady-Release Simulations. The Flow-to-Target Simulations follow March 15 and July 1 System storage checks. All runoff scenarios except Lower Quartile and Lower Decile would provide steady to rising pool levels in the spring fish spawn period.

All five runoff scenarios studied for this year's AOP are based on gradually increasing System releases to provide navigation season flow rates at the mouth of the Missouri near St. Louis by April 1, 2003, the normal navigation season opening date. The corresponding dates at upstream locations are: Sioux City, March 23; Omaha, March 25; Nebraska City, March 26; and Kansas City, March 28. The studies illustrated on ***Plates 3 through 8*** and summarized in ***Table III*** are based on providing less than full service flows, a full 8-month season for Upper Decile and Upper Quartile runoff scenarios, and a shortened season for Median, Lower Quartile, and Lower Decile runoff. Upper Decile releases are 6,000 cfs less than full service (minimum service) in the spring and 3,100 cfs less than full service in the summer and fall for the Steady-Release Simulations. July 1 System storage in the Upper Decile Flow-to-Target Simulation specifies 2,800 less than full service in the summer and fall. Releases for Upper Quartile runoff are 6,000 cfs below full service in the spring and 4,500 cfs less than full service during the summer and fall for the Steady-Release Simulation. Summer and fall Upper Quartile flow-to-target releases are 4,200 cfs below full service. Minimum service flows for less than an 8-month navigation season will be provided should Median, Lower Quartile, or Lower Decile runoff occur.

Navigation flow support for the 2003 season will be determined by actual System storage on March 15 and July 1. Gavins Point Dam releases may be quite variable during the 2003 navigation season but are expected to range from 21,000 to 30,000 cfs. Release reductions necessary to minimize downstream flooding are not reflected in these monthly averages but will be instituted as conditions warrant.

Simulated storages and releases for the System and individual reservoirs within the System are shown on ***Plates 3 through 8*** for the Steady-Release Simulations. Flow-to-target plots are not shown because the difference cannot be seen at the scale provided except for the median Gavins Point Dam release shown on ***Plate 4***. Ample storage space exists in the System to control flood inflows under all conditions studied. ***Table III*** summarizes the navigation service support projected for the 2003 navigation season for the Steady-Release and Flow-to-Target Simulations.

The two modified reservoir operations shown in the previous two AOPs cannot be accomplished in 2003 due to low System storage. When System storage recovers sufficiently, both these operations will be pursued based on recommendations presented to the Corps by the USFWS.

The first of these two modified operations are tests of flow modifications for T&E species. When Fort Peck Lake has adequate water above the spillway crest by mid to late May of any year, a T&E flow modification "mini-test" will be conducted in early June to monitor effects of higher spring releases and warmer water released from the spillway. It will also allow for an evaluation of the integrity of the spillway structure if it were used more frequently. Streambank erosion and fishing impacts will also be monitored.

During the Fort Peck "mini-test," which will last about 4 weeks, flows will vary from 8,000 to 15,000 cfs as various combinations of spillway and powerplant releases are monitored. The maximum spillway release of 11,000 cfs will combine with a minimum powerplant release of 4,000 cfs for 6 days. This operation will be timed to avoid lowering the lake during the forage fish spawn. The "mini-test" will not be conducted if sufficient flows will not pass over the spillway crest (elevation 2225 feet msl). A minimum lake elevation of about 2229 feet msl is needed during the test to avoid unstable flows over the spillway. Results of the Simulations show that this elevation will not be achieved in 2003 for any of the five runoff scenarios. A more extensive test with a combined 20,000 to 30,000 cfs release from Fort Peck is scheduled to be conducted beginning in early June in the year following the "mini-test" to determine if warm water releases will benefit the native river fishery. Peak outflows during the full test would be maintained for 2 weeks within the 4-week test period.

TABLE III
NAVIGATION SERVICE SUPPORT
FOR THE 2003 SEASON

STEADY-RELEASE

	Runoff Scenario (MAF)	2003 System Storage March 15 (MAF)	2003 System Storage July 1 (MAF)	Flow Level Above or Below Full Service (in cfs) Spring	Flow Level Above or Below Full Service (in cfs) Summer/Fall	Length of Season (Months)
U.D.	34.5	45.2	54.6	-6,000	-3,100	8
U.Q.	30.6	45.0	52.6	-6,000	-4,500	8
Med	24.6	44.0	49.0	-6,000	-6,000	8 - 5 days
L.Q.	19.5	43.3	46.0	-6,000	-6,000	8 - 5 days
L.D.	15.5	43.1	43.8	-6,000	-6,000	8 - 5 days

FLOW-TO-TARGET

	Runoff Scenario (MAF)	2003 System Storage March 15 (MAF)	2003 System Storage July 1 (MAF)	Flow Level Above or Below Full Service (in cfs) Spring	Flow Level Above or Below Full Service (in cfs) Summer/Fall	Length of Season (Months)
U.D.	34.5	45.2	55.1	-6,000	-2,800	8
U.Q.	30.6	45.0	53.0	-6,000	-4,200	8
Med	24.6	44.0	49.7	-6,000	-6,000	8 - 5 days
L.Q.	19.5	43.3	46.5	-6,000	-6,000	8 - 5 days
L.D.	15.5	43.1	44.3	-6,000	-6,000	8 - 5 days

The second modified operation involves unbalancing the three large upper reservoirs to benefit reservoir fishery and the T&E species as shown on ***Table IV***. AOP studies indicate the large reservoirs will be balanced on March 1, 2003. Should Upper Decile or Upper Quartile runoff occur in 2003, studies indicate Fort Peck Lake will be 4.0 feet above a balanced condition, Lake Sakakawea will be nearly 3.0 feet below a balanced condition, and Lake Oahe will be balanced on March 1, 2004. Reservoir unbalancing is computed based on the percentage of the carryover multiple purpose pool that remains in Fort Peck Lake, Lake Sakakawea, and Lake Oahe. This would permit the Fort Peck Dam T&E flow modification "mini-test" in the spring of 2004, as described in the previous paragraph. Median or lower runoff does not sufficiently refill the reservoirs in 2003 and no unbalancing or "mini-test" would occur in spring 2004. The unbalancing would alternate at each project; high one year, float (normal operation) the next year, and low the third year as shown on ***Table IV***. ***Table V*** shows the lake elevations proposed by the MRNRC at which the unbalancing would be terminated. ***Table V*** indicates that no reservoir unbalancing should occur for any of the five runoff scenarios in 2003. The AOP Extension Simulations shown as studies 9-13 for Median runoff with steady-release indicate no

unbalancing can occur until March 1, 2007 if the ***Table V*** guidelines are followed. Studies 29-33 indicated unbalancing would be possible by March 1, 2006 for Median flow-to-target.

Summary of Reservoir Regulation Activities for T&E Species and Fish Propagation Enhancement

As discussed in the section above, the 2002-2003 AOP includes no provisions for unbalancing the Fort Peck, Garrison, and Oahe reservoirs for any of the runoff scenarios. The criteria for unbalancing are based on recommendations provided by the MRNRC and the USFWS. Under all Simulations, System storage will be below the minimum levels under which unbalancing is recommended by either the MRNRC or the USFWS.

As stated previously, this AOP presents a steady-release schedule during the nesting season of the interior least tern and piping plover. The USFWS has confirmed to the Corps that steady-to-declining releases from June 15 through August 15 would comply with the ESA. The Corps is also currently in the process of initiating formal consultation with the USFWS under Section 7 of the ESA on a flow-to-target operation. Based on the results of the consultation, the flow-to-target plan could possibly replace the steady-release plan for the 2003 nesting season.

TABLE IV
RESERVOIR UNBALANCING SCHEDULE

	Fort Peck		**Garrison**		**Oahe**	
Year	***March 1***	***Rest of Year***	***March 1***	***Rest of Year***	***March 1***	***Rest of year***
1	High	Float	Low	Hold Peak	Raise & hold during spawn	Float
2	Raise & hold during spawn	Float	High	Float	Low	Hold peak
3	Low	Hold peak	Raise & hold during spawn	Float	High	Float

Notes:

Float year: Normal operation, then unbalance 1 foot during low pool years or 3 feet when System storage is near 57.1 MAF on March 1.

Low year: Begin low, then hold peak the remainder of the year.

High year: Begin high, raise and hold pool during spawn, then float.

TABLE V
MRNRC RECOMMENDED
RESERVOIR ELEVATION GUIDELINES
FOR UNBALANCING

	Fort Peck	**Garrison**	**Oahe**
Implement unbalancing if March 1 reservoir elevation is above this level.	2234 feet msl	1837.5 feet msl	1607.5 feet msl
Implement unbalancing if March 1 reservoir elevation is in this range **and** the pool is expected to raise more than 3 feet after March 1.	2227-2234 feet msl	1827-1837.5 feet msl	1600-1607.5 feet msl
Scheduling Criteria	Avoid lake level decline during spawn period which ranges from April 15 – May 30	Schedule after spawn period of April 20 – May 20	Schedule after spawn period of April 8 – May 15

Also, as previously stated, the Corps is in the process of re-initiating formal consultation with the USFWS on the current Water Control Plan. Completion of formal consultation and a Biological Opinion is anticipated within the 135 days allowed by regulation, which will be followed by completion of the Final Environmental Impact Statement (FEIS) for the Review and Update and preparation of a Record of Decision. Implementation of a revised Water Control Plan is anticipated in 2004. In addition to water management, other activities are also being undertaken by the Corps to assist in the survival of the endangered species on the Missouri River. Habitat creation for terns, plovers and pallid sturgeon, pallid sturgeon hatchery propagation, and a variety of studies are examples of some of these activities. A complete discussion of these activities can be found in the report entitled "Annual Report for the Missouri River Biological Opinion for 2001" prepared by the Omaha District, U.S. Army Corps of Engineers.

Fort Peck releases during the bird nesting season will range from 8,000 cfs for Upper Decile runoff to 10,000 cfs for Median and below runoff. This regulation should result in habitat conditions for nesting terns and plovers similar to what was available in 2002.

If flood flows enter the Missouri River below the project during the nesting season, hourly releases will be lowered to no less than 3,000 cfs in order to keep traditional riverine fish rearing areas continuously inundated while helping to lower river stages at downstream nesting sites. April releases should be adequate for trout spawning below the project. A rising pool in the April-to-May sport fish spawning season will be dependent upon the ever-changing daily inflow pattern to the reservoir but appears possible with all AOP Simulations. The T&E flow modification "mini-test" will not be run under

any runoff scenario. Fort Peck Lake must be at elevation 2229 msl to allow releases through the spillway.

Garrison Dam releases will be reduced during the tern and plover nesting season under all runoff scenarios. The reductions will be in the 500 to 1,000 cfs range. Hourly peaking will be limited to no more than 30,000 cfs for 6 hours if the daily average release is lower than 28,000 cfs. This will limit peak stages below the project for nesting birds.

Lake Sakakawea elevations will not reach levels considered necessary for optimum fish spawning during the month of May for any of the runoff scenarios. In addition to the runoff conditions, the actual timing of the rise in lake elevation will be dependent upon the pattern of inflow at that time.

Oahe Dam releases in the spring and summer will back up those from Gavins Point Dam. Oahe Reservoir elevation in the spring will be steady or rising given Median or higher runoff. The actual timing of the rise in lake elevation will be dependent upon the pattern of inflow at that time. Under all AOP Simulations, the Oahe pool will fall during the summer.

Fort Randall Dam will be operated to provide for a pool elevation near 1355 feet msl during the fish spawn period, provided water can be supplied from other reservoirs for downstream uses, and the lake will not be drawn down below elevation 1337.5 feet msl in the fall to ensure adequate supply for water intakes. Hourly releases from Fort Randall Dam during the 2003 nesting season will be limited to 37,000 cfs. Daily average flows may be increased every third day to preserve the capability of increasing releases later in the summer if conditions turn dry.

Gavins Point Dam. Under the steady-release plan, Gavins Point Dam releases will be increased in May for all runoff scenarios when terns and plovers begin to initiate nesting. The release rate will be no more than 30,000 cfs, but could be set at a lower level, based on an assessment in mid-May of flows needed to support the service level targets in August. This will result in steady flows during the nesting season. Based on 2002 nesting season results, it is anticipated that sufficient habitat will be available above the release rates to provide for successful nesting. The resulting steady release prevents inundation of nests and chicks. Cycling releases every third day is not planned during the 2003 nesting season except during downstream flood control operations. If the results of ESA consultation allows for the replacement of the steady-release plan with the flow-to-target regulation, releases will be set to meet the specified navigation service level with increases made as necessary during the T&E bird species nesting season.

The Gavins Point pool will be operated near 1206.0 feet msl in the spring and early summer with variations day to day due to rainfall runoff. Greater fluctuations occur in the river, increasing the risk of nest inundation in the upper end of the Gavins Point pool. Several factors contribute to the increased risk of nest inundation in the upper end of the Gavins Point pool. First, because there are greater numbers of T&E species nesting below the Gavins Point Dam project that must be preserved, Gavins Point Dam releases are restricted during the nesting season. Second, unexpected rainfall runoff between Fort Randall Dam and Gavins Point Dam can result in sudden pool rises because the Gavins Point

project has a smaller storage capacity than the other System reservoirs. Third, the operation of Gavins Point for downstream flood control may necessitate sudden release reductions to prevent downstream bird losses. And finally, high releases required in wet years make nest inundation more likely. When combined, all these factors make it difficult and sometimes impossible to prevent inundation of nests in the upper end of Lewis and Clark Lake. The pool will be increased to elevation 1207.5 feet msl following the nesting season.

VI. SUMMARY OF RESULTS EXPECTED IN 2002-2003

With System operations in accordance with the 2002-2003 AOP outlined in the preceding pages, the following results can be expected.

A. Flood Control. All runoff scenarios studied will begin next year's runoff season on March 1, 2003, substantially below the desired 57.1 MAF base of annual flood control and multiple use zone. Therefore, the entire System flood control zone plus an additional 13.5 to 14.6 MAF of the carryover multiple use zone will be available to store runoff. The System will be available to significantly reduce peak discharges for all floods that may originate above the System.

Remaining storage in the carryover multiple use zone will be adequate to provide support for all of the other multiple purposes of the System, although recreation access may be difficult at some locations for the lower runoff scenarios.

B. Water Supply and Water Quality Control. Although below normal winter releases are being provided for all five runoff scenarios, all water supply and water quality requirements on the Missouri River both below Gavins Point Dam and between System reservoirs should be met for all flow conditions studied. It is possible with the low winter releases that ice formation or ice jams may temporarily reduce river stages to levels below which some intakes can draw water. Therefore, during severe cold spells, experience has shown that for brief periods it may be necessary to increase Gavins Point releases to help alleviate water supply problems.

C. Irrigation. Scheduled releases from the System reservoirs will be ample to meet the volumes of flow required for irrigation diversions from the Missouri River. Some access problems may be experienced, however, if drought conditions persist. Tributary irrigation water usage is fully accounted for in the estimates of water supply.

D. Navigation. Service to navigation in 2003 would be scheduled below full service flow support for all five runoff scenarios. Reductions below full service for the Steady-Release and Flow-to-Target Simulations are shown in ***Table III***. Although these Simulations provide a comparison of typical flow support under varying runoff conditions that cover 80 percent of the historic runoff conditions, the actual rate of flow support for the 2003 navigation season will be based on actual System storage on March 15 and July 1, 2003.

Upper Decile and Upper Quartile Simulations show an 8-month navigation season. The Median, Lower Quartile and Lower Decile Simulations shorten the season 5 days. The anticipated service level and season length for all runoff conditions simulated are shown in ***Table III***.

E. Power. ***Tables VI*** and ***VII*** give the estimated monthly System load requirements and hydropower supply of the Eastern Division, Pick-Sloan Missouri Basin Program (P-S MBP), from December 2002 through December 2003. Estimates of monthly peak demands and energy include customer requirements for firm, short-term firm, summer firm, peaking, and various other types of power sales, System losses, and the effects of diversity. Also included in the estimated requirements are deliveries of power to the Western Division, P-S MBP, to help meet its firm power commitments.

F. Recreation, Fish and Wildlife. The basic operations of the System will continue to provide recreation and fish and wildlife opportunities in the project areas and along the Missouri River as well as other benefits of a managed system. Special operational adjustments incorporating specific objectives for these purposes will be accomplished whenever possible. Conditions should be favorable for the many visitors who enjoy the camping, boating, fishing, hunting, swimming, picnicking, and other recreational activities associated with the System reservoirs and for increasing usage of the regulated reaches of the Missouri River downstream of the reservoirs.

Boat ramps that were lowered and low water ramps that were constructed during the drought of the late 1980's to early 1990's should be adequate to provide lake access next year even under the Lower Decile runoff scenario. However, boat ramps in a few areas where the ramps could not be extended may become unusable. This will affect the normal use patterns, as visitors will have to seek out areas with usable boat ramps. Boat ramp elevations for Fort Peck, Garrison, Oahe and Fort Randall Reservoirs were added in 2001 to the Missouri River Basin Water Management Division web site at: www.nwd-mr.usace.army.mil/rcc.

The effects of the simulated System operation during 2002-2003 on fish and wildlife are included in the section entitled, "Summary of Reservoir Regulation Activities for T&E Species and Fish Propagation Enhancement."

TABLE VI

PEAKING CAPABILITY AND SALES (Steady Release Regulation)

(1,000 kW at plant)

	Estimated Committed Sales*	Expected C of E Capability					Expected Bureau Capability**					Expected Total System Capability				
2002		120%	Basic	80%			120%	Basic	80%			120%	Basic	80%		
Aug	2133															
Sep	1475															
Oct	1400															
Nov	1783															
Dec	1965	1993	1989	1989			190	181	170			2183	2170	2159		
2003																
Jan	2214	2016	2007	2007			185	178	167			2201	2185	2174		
Feb	1837	2034	2018	2018			183	177	164			2217	2195	2182		
		U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med	L.Q.	L.D.
Mar	1678	2106	2099	2082	2064	2061	192	192	182	163	163	2298	2291	2264	2227	2224
Apr	1480	2130	2118	2091	2063	2058	195	195	190	164	164	2325	2313	2281	2227	2222
May	1385	2153	2134	2100	2064	2051	201	203	199	174	174	2354	2337	2299	2238	2225
Jun	1660	2194	2169	2128	2087	2057	211	212	207	182	182	2405	2381	2335	2269	2239
Jul	2276	2209	2181	2129	2081	2044	213	213	209	184	180	2422	2394	2338	2265	2224
Aug	2124	2205	2175	2113	2061	2020	209	209	206	182	176	2414	2384	2319	2243	2196
Sep	1475	2201	2172	2108	2051	2007	208	208	206	184	178	2409	2380	2314	2235	2185
Oct	1400	2191	2161	2093	2019	1974	207	207	208	187	180	2398	2368	2301	2206	2154
Nov	1769	2160	2128	2062	1993	1947	206	206	204	187	179	2366	2334	2266	2180	2126
Dec	1960	2147	2114	2038	1974	1919	200	200	198	185	177	2347	2314	2236	2159	2096

* Estimated sales, including system reserves. Power in addition to hydro production needed for these load requirements wil be obtained from other power systems by interchange or purchase.

** Total output of Canyon Ferry and 1/2 of the output of Yellowtail powerplant.

TABLE VI

PEAKING CAPABILITY AND SALES (Flow to Target Regulation)

(1,000 kW at plant)

	Estimated Committed Sales*	Expected C of E Capability					Expected Bureau Capability**					Expected Total System Capability				
2002		120%	Basic	80%			120%	Basic	80%			120%	Basic	80%		
Aug	2133															
Sep	1475															
Oct	1400															
Nov	1783															
Dec	1965	1993	1989	1989			190	181	170			2183	2170	2159		
2003																
Jan	2214	2016	2007	2007			185	178	167			2201	2185	2174		
Feb	1837	2034	2018	2018			183	177	164			2217	2195	2182		
		U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med	L.Q.	L.D.
Mar	1678	2106	2099	2082	2064	2061	192	192	182	163	163	2298	2291	2264	2227	2224
Apr	1480	2130	2118	2091	2063	2058	195	195	190	164	164	2325	2313	2281	2227	2222
May	1385	2156	2137	2103	2066	2054	201	203	199	174	174	2357	2340	2302	2240	2228
Jun	1660	2203	2178	2140	2094	2066	211	212	207	182	182	2414	2390	2347	2276	2248
Jul	2276	2216	2189	2144	2090	2054	213	213	209	184	180	2429	2402	2353	2274	2234
Aug	2124	2208	2181	2132	2071	2032	209	209	206	182	176	2417	2390	2338	2253	2208
Sep	1475	2204	2177	2126	2062	2020	208	208	206	184	178	2412	2385	2332	2246	2198
Oct	1400	2193	2165	2111	2031	1987	207	207	208	187	180	2400	2372	2319	2218	2167
Nov	1769	2161	2132	2079	2005	1960	206	206	204	187	179	2367	2338	2283	2192	2139
Dec	1960	2148	2118	2055	1987	1931	200	200	198	185	177	2348	2318	2253	2172	2108

* Estimated sales, including system reserves. Power in addition to hydro production needed for these load requirements wil be obtained from other power systems by interchange or purchase.

** Total output of Canyon Ferry and 1/2 of the output of Yellowtail powerplant.

TABLE VII
ENERGY GENERATION AND SALES (Steady Release Regulation)
(Million kWh at plant)

2002	Estimated Committed Sales*	Expected C of E Generation 120%	Basic	80%	Expected Bureau Generation ** 120%	Basic	80%	Expected Total System Generation 120%	Basic	80%
Aug	829									
Sep	714									
Oct	722									
Nov	774									
Dec	910	515	519	527	59	48	41	574	567	568
2003										
Jan	896	588	578	566	58	48	37	646	626	603
Feb	850	526	519	517	51	43	32	577	562	549

		U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med	L.Q.	L.D.
Mar	785	391	420	435	480	488	68	70	48	38	38	459	490	483	518	526
Apr	737	479	502	555	631	623	77	77	44	36	36	556	579	599	667	659
May	685	642	660	720	783	774	108	102	47	40	40	750	762	767	823	814
Jun	745	717	740	819	832	816	118	122	53	54	54	835	862	872	886	870
Jul	829	802	819	904	909	889	143	131	77	52	51	945	950	981	961	940
Aug	835	821	831	867	899	877	99	93	73	51	50	920	924	940	950	927
Sep	713	744	725	692	672	680	95	88	70	49	48	839	813	762	721	728
Oct	720	606	582	556	558	568	93	89	69	49	48	699	671	625	607	616
Nov	774	651	532	451	471	469	89	85	79	52	45	740	617	530	523	514
Dec	884	593	589	566	586	543	91	91	80	53	46	684	680	646	639	589
CY TOT	9453	7560	7514	7662	7904	7810	1090	1057	731	543	525	8650	8571	8393	8447	8335

* Estimated sales including system reserves and losses. Power in addition to hydro production needed for these load requirements will be obtained from other systems by interchange or purchase.
** Total output Canyon Ferry and 1/2 output of Yellowtail powerplant.

TABLE VII
ENERGY GENERATION AND SALES (Flow to Target Regulation)
(Million kWh at plant)

2002	Estimated Committed Sales*	Expected C of E Generation 120%	Basic	80%	Expected Bureau Generation ** 120%	Basic	80%	Expected Total System Generation 120%	Basic	80%
Aug	829									
Sep	714									
Oct	722									
Nov	774									
Dec	910	515	519	527	59	48	41	574	567	568
2003										
Jan	896	588	578	566	58	48	37	646	626	603
Feb	850	526	519	517	51	43	32	577	562	549

		U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med.	L.Q.	L.D.	U.D.	U.Q.	Med	L.Q.	L.D.
Mar	785	391	420	435	480	488	68	70	48	38	38	459	490	483	518	526
Apr	737	479	502	551	631	623	77	77	44	36	36	556	579	595	667	659
May	685	585	603	613	715	715	108	102	47	40	40	693	705	660	755	755
Jun	745	606	630	633	720	714	118	122	53	54	54	724	752	686	774	768
Jul	829	843	824	796	862	851	143	131	77	52	51	986	955	873	914	902
Aug	835	890	867	822	845	828	99	93	73	51	50	989	960	895	896	878
Sep	713	749	722	694	687	687	95	88	70	49	48	844	810	764	736	735
Oct	720	606	581	546	569	560	93	89	69	49	48	699	670	615	618	608
Nov	774	552	531	448	477	466	89	85	79	52	45	641	616	527	529	511
Dec	884	589	590	570	588	545	91	91	80	53	46	680	681	650	641	591
CY TOT	9453	7404	7384	7205	7657	7560	1090	1057	731	543	525	8494	8441	7936	8200	8085

* Estimated sales including system reserves and losses. Power in addition to hydro production needed for these load requirements will be obtained from other systems by interchange or purchase.
** Total output Canyon Ferry and 1/2 output of Yellowtail powerplant.

G. System Storage. System storage totaled 42.7 MAF on December 31, 2002, exactly the same as occurred on December 31, 1992, which was near the end of the last drought. This year-end storage is 6.2 MAF less than the 48.9 MAF experienced on December 31, 2001, and 12.6 MAF less than the 1967 to 2001 average. Since the System first filled to normal operating levels in 1967, the lowest end-of-December storage was 40.9 MAF in 1990. The previous lowest storage prior to the 1988-1992 drought was 50.9 MAF in 1981. The end-of-year storages have ranged from a maximum of 60.9 MAF, which occurred in 1975, to the 1990 minimum of 40.9 MAF. Total System storage on December 31, 2003 is presented in ***Table VIII***.

H. Summary of Water Use by Functions. Anticipated water use in CY 2002, under the Basic Simulation, is shown in ***Tables IX and X***. Actual water use data for CY 2001 are included for information and comparison.

Under the simulated operations, estimated water use in CY 2003, which will be subject to reappraisal next year, also is shown in ***Table IX*** for the Steady-Release Simulations and in ***Table X*** for the Flow-to-Target Simulations. Note that System releases are lower for the Flow-to-Target Simulation since no additional releases are made for T&E bird species.

TABLE VIII
ANTICIPATED DECEMBER 31, 2003 STORAGE IN SYSTEM

STEADY-RELEASE SIMULATIONS

Water Supply Condition	Total (12/31/03)	Above Minimum Pools 1/	Unfilled Carryover Storage 2/	Total Change CY 2003
		(Volumes in 1,000 Acre-Feet)		
Upper Decile	55,100	37,000	2,000	12,100
Upper Quartile	52,200	34,100	4,900	9,200
Median	46,200	28,100	10,900	3,400
Lower Quartile	41,200	23,100	15,900	-1,500
Lower Decile	38,000	19,900	19,100	-4,700

FLOW-TO-TARGET SIMULATIONS

Water Supply Condition	Total (12/31/03)	Above Minimum Pools 1/	Unfilled Carryover Storage 2/	Total Change CY 2003/3
		(Volumes in 1,000 Acre-Feet)		
Upper Decile	55,200	37,100	1,900	12,200
Upper Quartile	52,500	34,400	4,600	9,500
Median	47,300	29,200	9,800	4,500
Lower Quartile	41,800	23,700	15,300	-900
Lower Decile	38,600	20,500	18,500	-4,100

1/ Net usable storage above 18.1 MAF System minimum pool level established for power, recreation, irrigation diversions, and other purposes.

2/ System base of flood control zone containing 57.1 MAF.

3/ Less storage is saved than is indicated for Median, Lower Quartile, and Lower Decile Flow-to-Target Simulations compared to Steady-Release Simulations due to differences in mid-May through August releases.

TABLE IX
MISSOURI RIVER MAINSTEM SYSTEM
WATER USE FOR CALENDAR YEARS 2001, 2002, AND 2003 ABOVE SIOUX CITY, IOWA
in Million Acre-Feet (MAF)

				Steady-Release Simulations for Calendar Year 2003				
		CY 2001 Actual	CY 2002 Basic Simulation	Upper Decile	Upper Quartile	Median	Lower Quartile	Lower Decile
Upstream Depletions	(1)							
Irrigation, Tributary Reservoir Evaporation & Other Uses		2.0	2.0					
Tributary Reservoir Storage Change		- 0.1	- 0.4					
Total Upstream Depletions		1.9	1.6	2.6	2.5	3.0	2.6	2.2
System Reservoir Evaporation	(2)	2.7	2.1	1.1	1.1	1.6	1.8	1.7
Sioux City Flows								
Navigation Season								
Unregulated Flood Inflows Between Gavins Point & Sioux City	(3)	0.0	0.0					
Navigation Service Requirement		14.6	15.2	15.1	14.2	13.0	13.0	12.9
Supplementary Releases								
T&E Species	(4)	0.0	-0.4	0.6	0.5	0.5	0.2	0.2
Flood Evacuation	(5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-navigation Season								
Flows		3.8	3.5	3.3	3.3	3.1	3.4	3.2
Flood Evacuation Releases	(6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
System Storage Change		- 0.5	- 6.0	11.8	9.0	3.4	- 1.5	-4.7
Total		22.5	16.0	34.5	30.6	24.6	19.5	15.5
Project Releases								
Fort Peck		4.3	4.8	5.1	5.3	6.0	5.7	5.8
Garrison		9.6	11.8	14.0	14.0	13.8	13.8	13.4
Oahe		11.2	14.9	12.6	13.0	13.8	15.1	15.2
Big Bend		10.5	14.0	12.6	12.9	13.7	15.0	15.1
Fort Randall		12.0	15.2	13.8	13.8	14.4	15.1	15.1
Gavins Point		13.9	16.0	15.8	15.6	15.7	16.2	16.2

(1) Tributary uses, above the 1949 level of development including agricultural depletions and tributary storage effects.
(2) Net evaporation is shown for 2003.
(3) Incremental inflows to reach which exceed those usable in support of navigation at the target level, even if Gavins Point Dam releases were held to as low as 6,000 cfs.
(4) Increased releases required to maintain navigation release flexibility during the T&E species nesting season. During 2002, releases fell below minimum service support flows because of T&E nesting resulting in a negative value instead of zero.
(5) Includes flood control releases for flood control storage evacuation and releases used to extend the navigation season beyond the normal December 1 closing date at the mouth of the Missouri River.
(6) Releases for flood control storage evacuation in excess of a 15,000 cfs Fort Randall Dam release.

TABLE X
MISSOURI RIVER MAINSTEM SYSTEM
WATER USE FOR CALENDAR YEARS 2001, 2002, AND 2003 ABOVE SIOUX CITY, IOWA
in Million Acre-Feet (MAF)

				Flow-to-Target Simulations for Calendar Year 2003				
		CY 2001 Actual	CY 2002 Basic Simulation	Upper Decile	Upper Quartile	Median	Lower Quartile	Lower Decile
Upstream Depletions	(1)							
Irrigation, Tributary Reservoir Evaporation & Other Uses		2.0	2.0					
Tributary Reservoir Storage Change		- 0.1	- 0.4					
Total Upstream Depletions		1.9	1.6	2.7	2.6	2.8	2.4	2.1
System Reservoir Evaporation	(2)	2.7	2.1	1.2	1.2	1.5	1.7	1.5
Sioux City Flows								
Navigation Season								
Unregulated Flood Inflows Between Gavins Point & Sioux City	(3)	0.0	0.0					
Navigation Service Requirement		14.6	15.2	15.1	14.0	12.4	12.9	12.7
Supplementary Releases								
T&E Species	(4)	0.0	-0.4	0.0	0.0	0.0	0.0	0.0
Flood Evacuation	(5)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Non-navigation Season Flows		3.8	3.5	3.3	3.3	3.4	3.4	3.3
Flood Evacuation Releases	(6)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
System Storage Change		- 0.5	- 6.0	12.2	9.5	4.5	-0.9	-4.1
Total		22.5	16.0	34.5	30.6	24.6	19.5	15.5
Project Releases								
Fort Peck		4.3	4.8	5.1	5.3	5.6	5.6	5.7
Garrison		9.6	11.8	14.0	13.9	13.3	13.6	13.2
Oahe		11.2	14.9	12.5	12.7	12.6	14.5	14.5
Big Bend		10.5	14.0	12.4	12.6	12.5	14.3	14.4
Fort Randall		12.0	15.2	13.6	13.5	13.3	14.5	14.5
Gavins Point		13.9	16.0	15.7	15.3	14.6	15.6	15.6

(1) Tributary uses, above the 1949 level of development including agricultural depletions and tributary storage effects.
(2) Net evaporation is shown for 2003.
(3) Incremental inflows to reach which exceed those usable in support of navigation at the target level, even if Gavins Point Dam releases were held to as low as 6,000 cfs.
(4) Increased releases required to maintain navigation release flexibility during the T&E species nesting season. During 2002, releases fell below minimum service support flows because of T&E nesting resulting in a negative value instead of zero.
(5) Includes flood control releases for flood control storage evacuation and releases used to extend the navigation season beyond the normal December 1 closing date at the mouth of the Missouri River.
(6) Releases for flood control storage evacuation in excess of a 15,000 cfs Fort Randall Dam release.

VII. TENTATIVE PROJECTION OF OPERATIONS THROUGH MARCH 2009

The 5-year extension to the AOP (March 2004 to March 2009) has been prepared to serve as a guide for Western Area Power Association's (WAPA) marketing activities and to provide data to allow basin interests to conduct long term planning. As discussed in Section IV, Chapter A, adjustments to the specific technical criteria presented in the existing Master Manual are necessary to continue to meet the operational objectives of the existing Master Manual during drought periods. This is due to increased release requirements for water supply during low runoff periods. The specific details of these adjustments are not certain, absent the completion of review of possible options by the Tribes, Missouri River Basin Association, the MRNRC, and any other interested parties.

The navigation service level and season length criteria described in Section IV, Chapter A were applied to the extensions. Two sets of Simulations, Steady-Release and Flow-to-Target, are shown as studies 9-23 and 35-43 with pertinent data in graphical form on ***Plates 11*** and ***12***. The minimum winter release of 13,000 cfs for downstream water supply discussed in Section IV is shown in the Lower Quartile and Lower Decile extensions and for Median Steady-Release. System storage recovers sufficiently in the Median Flow-to-Target Simulations to provide a 17,000 cfs release during winter 2007-2008 and 2008-2009. For any given year, when July 1 System storage is less than 52 MAF and the previous winter's System release is in excess of the September 1 storage check, the extra water released is recovered by shortening the navigation season. This difference is limited to 3,000 cfs during the winter months (13,000 cfs current water supply minimum compared to a 10,000 cfs practical open water minimum assumed by the existing Master Manual). The extra water released from mid-May through August by the Steady-Release Lower Quartile and Lower Decile Extension Simulations is compensated with a further shortening of the navigation season the following year. Navigation service support and season length, end of year system storage, and the winter release rate for the extensions are shown on ***Table XI.***

TABLE XI
NAVIGATION SERVICE SUPPORT

	2004		2005		2006		2007		2008	
	Steady Release	Flow to Target	Steady Release	Flow to Target	Steady Release	Flow to Target	Steady Release	Flow to Target	Steady Release	Flow to Target
MEDIAN										
Flow Level Below Full Service (kcfs) Spring	-5.0	-4.1	-2.7	-1.8	-1.1	-0.2	-0.2	0	0	0
Summer/Fall	-4.6	-3.6	-2.7	-1.6	-1.4	-0.3	-0.6	0	0	0
Season Length (Months)	8	8	8	8	8	8	8	8	8	8
Dec 31 Storage (MAF)	49.5	50.8	51.7	53.0	53.1	54.3	54.0	55.2	54.4	55.3
Winter Release (kcfs)	13.0	13.0	13.0	13.0	13.0	13.0	13.0	17.0	13.0	17.0
LOWER QUARTILE										
Flow Level Below Full Service (kcfs) Spring	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-5.8	-5.1	-4.7
Summer/Fall	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-5.4	-4.9
Season Length (Months)	8-20 days	8-16 days	8-24 days	8-16 days	8-24 days	8-16 days	8-24 days	8-16 days	8-24 days	8-14 days
Dec 31 Storage (MAF)	41.6	42.7	42.9	43.6	44.6	45.2	46.2	46.8	48.4	48.5
Winter Release (kcfs)	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
LOWER DECILE										
Flow Level Below Full Service (kcfs) Spring	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
Summer/Fall	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0	-6.0
Season Length (Months)	8-38 days	8-24 days	8-53 days	8-37 days	8-69 days	8-46 days	8-53 days	8-46 days	8-53 days	8-46 days
Dec 31 Storage (MAF)	35.0	35.3	33.9	33.9	34.0	33.4	34.3	33.7	34.7	34.0
Winter Release (kcfs)	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0

A. Median Runoff – Steady-Release. System storage would begin in March 2004 at 46.4 MAF and would rise to 54.5 MAF by March 2009. Winter System releases remain at 13,000 cfs throughout the study period. Fort Peck Lake, Lake Sakakawea, and Lake Oahe rise to the elevations described in ***Table V*** that permit unbalancing by March 1, 2007. This follows the pattern of "high," "float," "low" described in ***Table IV***. The amount of unbalancing was generally 4 feet at Fort Peck Lake and 3 feet at Lakes Sakakawea and Oahe. Fort Peck releases were set at 12,800 cfs in June 2006, reflecting the "mini-test" described in Section IV, Chapter D. The full test, in which up to 19,000 cfs would be spilled for 5 days, is shown in June 2007. An 8-month navigation season is shown. Full service flows are not provided until 2008.

TABLE XII
MARCH 1 RESERVOIR UNBALANCING, AOP EXTENSIONS

STEADY-RELEASE SIMULATIONS (Feet)

Year	Fort Peck	Garrison	Oahe
2007	+4.3	-3.0	0.0
2008	0.0	+3.0	-3.0
2009	-4.3	0.0	+3.0

B. Median Runoff – Flow-to-Target. System storage would begin in March 2004 at 47.6 MAF and would rise to 55.0 MAF by March 2009. Winter releases remain at 13,000 cfs through winter 2006-2007, then rise to 17,000 cfs for winter 2007-2008 and 2008-2009. Reservoir unbalancing is initiated by March 1, 2006, one year earlier than the Steady-Release Simulation. The Fort Peck "mini-test" and full test are also accomplished one year earlier compared to the Steady-Release Simulation, in 2005 and 2006, respectively. Full service flows are provided in 2007 and 2008.

TABLE XIII
MARCH 1 RESERVOIR UNBALANCING, AOP EXTENSIONS

FLOW-TO-TARGET SIMULATIONS (Feet)

Year	Fort Peck	Garrison	Oahe
2006	0.0	+3.0	-3.0
2007	-3.5	-0.8	+3.0
2008	+4.2	-3.0	0.0
2009	0.0	+3.0	-3.0

C. Lower Quartile Runoff – Steady-Release. System storage begins the period at 40.9 MAF and rises to 48.4 MAF by March 2009 with navigation service levels increasing from minimum service to 900 cfs above minimum service during the simulation period. The navigation season is shortened 20 days in 2004 and 24 days from 2005 through 2008. A 13,000 cfs winter release is shown for the entire study period. Since the upper three reservoirs do not refill under Lower Quartile and Lower Decile runoff, their percent of remaining carryover multiple use storage is balanced each March 1.

D. Lower Quartile Runoff – Flow-to-Target. System storage begins the period at 41.5 MAF and rises to 48.5 MAF by March 2009 with navigation service levels increasing from minimum service to 1,100 cfs above minimum service during the simulation period. The navigation season is shortened 16 days from 2004 through 2007 and 14 days in 2008. A 13,000 cfs winter release is shown for the entire study period.

E. Lower Decile Runoff – Steady-Release. System storage begins the period at 37.5 MAF and falls to 34.7 MAF by March 2009. The navigation season is shortened 38 days in 2004, 53 days in 2005, 2007, and 2008 and 69 days in 2006. System storage recovers sufficiently after the 69-day shortening in 2006 to permit the lesser 53-day shortening in 2007 and 2008. Service level is minimum service, 2003 through 2007. A 13,000 cfs winter release is shown for the entire study period.

F. Lower Decile Runoff – Flow-to-Target. System storage begins the period at 38.2 MAF and falls to 34.0 MAF by March 2009. The navigation season is shortened 24 days in 2004, 37 days in 2005, and 46 days in 2006, 2007, and 2008. A 13,000 cfs winter release is shown for the entire study period.

Plate 11 presents System storage, Gavins Point, and System peaking capability for Median, Lower Quartile, and Lower Decile for both sets of guidelines, for the period 2004 through March 2009. Peak power, or peaking capability, is the amount of power available when all powerplants are operating at maximum.

Plate 12 presents reservoir elevations for Fort Peck, Garrison, Oahe, and Fort Randall for Median, Lower Quartile, and Lower Decile for the period 2004 through March 2009.

A Summary of Engineering Data for the System is shown on **Plate 2**.

MISSOURI RIVER BASIN

PLATE 1

Summary of Engineering Data -- Missouri River Mainstem System

Item No.	Subject	Fort Peck Lake	Garrison Dam - Lake Sakakawea	Oahe Dam - Lake Oahe
1	Location of Dam	Near Glasgow, Montana	Near Garrison, ND	Near Pierre, SD
2	River Mile - 1960 Mileage	Mile 1771.5	Mile 1389.9	Mile 1072.3
3	Total & incremental drainage areas in square miles	57,500	181,400 (2) 123,900	243,490 (1) 62,090
4	Approximate length of full reservoir (in valley miles)	134, ending near Zortman, MT	178, ending near Trenton, ND	231, ending near Bismarck, ND
5	Shoreline in miles (3)	1520 (elevation 2234)	1340 (elevation 1837.5)	2250 (elevation 1607.5)
6	Average total & incremental inflow in cfs	10,200	25,600 15,400	28,900 3,300
7	Max. discharge of record near damsite in cfs	137,000 (June 1953)	348,000 (April 1952)	440,000 (April 1952)
8	Construction started - calendar yr.	1933	1946	1948
9	In operation (4) calendar yr.	1940	1955	1962
	Dam and Embankment			
10	Top of dam, elevation in feet msl	2280.5	1875	1660
11	Length of dam in feet	21,026 (excluding spillway)	11,300 (including spillway)	9,300 (excluding spillway)
12	Damming height in feet (5)	220	180	200
13	Maximum height in feet (5)	250.5	210	245
14	Max. base width, total & w/o berms in feet	3500, 2700	3400, 2050	3500, 1500
15	Abutment formations (under dam & embankment)	Bearpaw shale and glacial fill	Fort Union clay shale	Pierre shale
16	Type of fill	Hydraulic & rolled earth fill	Rolled earth filled	Rolled earth fill & shale berms
17	Fill quantity, cubic yards	125,628,000	66,500,000	55,000,000 & 37,000,000
18	Volume of concrete, cubic yards	1,200,000	1,500,000	1,045,000
19	Date of closure	24 June 1937	15 April 1953	3 August 1958
	Spillway Data			
20	Location	Right bank - remote	Left bank - adjacent	Right bank - remote
21	Crest elevation in feet msl	2225	1825	1596.5
22	Width (including piers) in feet	820 gated	1336 gated	456 gated
23	No., size and type of gates	16 - 40' x 25' vertical lift gates	28 - 40' x 29' Tainter	8 - 50' x 23.5' Tainter
24	Design discharge capacity, cfs	275,000 at elev 2253.3	827,000 at elev 1858.5	304,000 at elev 1644.4
25	Discharge capacity at maximum operating pool in cfs	230,000	660,000	80,000
	Reservoir Data (6)			
26	Max. operating pool elev. & area	2250 msl 246,000 acres	1854 msl 380,000 acres	1620 msl 374,000 acres
27	Max. normal op. pool elev. & area	2246 msl 240,000 acres	1850 msl 364,000 acres	1617 msl 360,000 acres
28	Base flood control elev & area	2234 msl 212,000 acres	1837.5 msl 307,000 acres	1607.5 msl 312,000 acres
29	Min. operating pool elev. & area	2160 msl 90,000 acres	1775 msl 128,000 acres	1540 msl 117,000 acres
	Storage allocation & capacity			
30	Exclusive flood control	2250-2246 975,000 a.f.	1854-1850 1,489,000 a.f.	1620-1617 1,102,000 a.f.
31	Flood control & multiple use	2246-2234 2,717,000 a.f.	1850-1837.5 4,222,000 a.f.	1617-1607.5 3,201,000 a.f.
32	Carryover multiple use	2234-2160 10,785,000 a.f.	1837.5-1775 13,130,000 a.f.	1607.5-1540 13,461,000 a.f.
33	Permanent	2160-2030 4,211,000 a.f.	1775-1673 4,980,000 a.f.	1540-1415 5,373,000 a.f.
34	Gross	2250-2030 18,688,000 a.f.	1854-1673 23,821,000 a.f.	1620-1415 23,137,000 a.f.
35	Reservoir filling initiated	November 1937	December 1953	August 1958
36	Initially reached min. operating pool	27 May 1942	7 August 1955	3 April 1962
37	Estimated annual sediment inflow	18,100 a.f. 1030 yrs.	25,900 a.f. 920 yrs.	19,800 a.f. 1170 yrs.
	Outlet Works Data			
38	Location	Right bank	Right Bank	Right Bank
39	Number and size of conduits	2 - 24' 8" diameter (nos. 3 & 4)	1 - 26' dia. and 2 - 22' dia.	6 - 19.75' dia. upstream, 18.25' dia. downstream
40	Length of conduits in feet (8)	No. 3 - 6,615, No. 4 - 7,240	1529	3496 to 3659
41	No., size, and type of service gates	1 - 28' dia. cylindrical gate 6 ports, 7.6' x 8.5' high (net opening) in each control shaft	1 - 18' x 24.5' Tainter gate per conduit for fine regulation	1 - 13' x 22' per conduit, vertical lift, 4 cable suspension and 2 hydraulic suspension (fine regulation)
42	Entrance invert elevation (msl)	2095	1672	1425
43	Avg. discharge capacity per conduit & total	Elev. 2250 22,500 cfs - 45,000 cfs	Elev. 1854 30,400 cfs - 98,000 cfs	Elev. 1620 18,500 cfs - 111,000 cfs
44	Present tailwater elevation (ft msl)	2032-2036 5,000 - 35,000 cfs	1670-1680 15,000- 60,000 cfs	1423-1428 20,000-55,000 cfs
	Power Facilities and Data			
45	Avg. gross head available in feet (14)	194	161	174
46	Number and size of conduits	No. 1-24'8" dia., No. 2-22'4" dia.	5 - 29' dia., 25' penstocks	7 - 24' dia., imbedded penstocks
47	Length of conduits in feet (8)	No. 1 - 5,653, No. 2 - 6,355	1829	From 3,280 to 4,005
48	Surge tanks	PH#1: 3-40' dia., PH#2: 2-65' dia.	65' dia. - 2 per penstock	70' dia., 2 per penstock
49	No., type and speed of turbines	5 Francis, PH#1-2: 128.5 rpm, 1-164 rpm , PH#2-2: 128.6 rpm	5 Francis, 90 rpm	7 Francis, 100 rpm
50	Discharge cap. at rated head in cfs	PH#1, units 1&3 170', 2-140' 8,800 cfs, PH#2-4&5 170'-7,200 cfs	150' 41,000 cfs	185' 54,000 cfs
51	Generator nameplate rating in kW	1&3: 43,500; 2: 18,250; 4&5: 40,000	3 - 109,250, 2 - 95,000	112,290
52	Plant capacity in kW	185,250	517,750	786,030
53	Dependable capacity in kW (9)	181,000	388,000	534,000
54	Avg. annual energy, million kWh (12)	1,142	2,429	2,867
55	Initial generation, first and last unit	July 1943 - June 1961	January 1956 - October 1960	April 1962 - June 1963
56	Estimated cost September 1999 completed project (13)	$158,428,000	$305,274,000	$346,521,000

Summary of Engineering Data -- Missouri River Mainstem System

Big Bend Dam - Lake Sharpe	Fort Randall Dam - Lake Francis Case	Gavins Point Dam - Lewis & Clark Lake	Total	Item No.	Remarks
21 miles upstream Chamberlain, SD	Near Lake Andes, SD	Near Yankton, SD		1	(1) Includes 4,280 square miles of non-contributing areas.
Mile 987.4	Mile 880.0	Mile 811.1		2	
249,330 (1) 5,840	263,480 (1) 14,150	279,480 (1) 16,000		3	
80, ending near Pierre, SD	107, ending at Big Bend Dam	25, ending near Niobrara, NE	755 miles	4	(2) Includes 1,350 square miles of non-contributing areas.
200 (elevation 1420)	540 (elevation 1350)	90 (elevation 1204.5)	5,940 miles	5	(3) With pool at base of flood control.
28,900	30,000 1,100	32,000 2,000		6	
440,000 (April 1952)	447,000 (April 1952)	480,000 (April 1952)		7	(4) Storage first available for regulation of flows.
1959	1946	1952		8	(5) Damming height is height from low water to maximum operating pool. Maximum height is from average streambed to top of dam.
1964	1953	1955		9	
1440	1395	1234		10	
10,570 (including spillway)	10,700 (including spillway)	8,700 (including spillway)	71,596	11	(6) Based on latest available storage data.
78	140	45	863 feet	12	
95	165	74		13	(7) River regulation is attained by flows over low-crested spillway and through turbines.
1200, 700	4300, 1250	850, 450		14	
Pierre shale & Niobrara chalk	Niobrara chalk	Niobrara chalk & Carlile shale		15	(8) Length from upstream face of outlet or to spiral case.
Rolled earth, shale, chalk fill	Rolled earth fill & chalk berms	Rolled earth & chalk fill		16	
17,000,000	28,000,000 & 22,000,000	7,000,000	358,128,000 cu. yds	17	(9) Based on 8th year (1961) of drought drawdown (From study 8-83-1985).
540,000	961,000	308,000	5,554,000 cu. yds.	18	
24 July 1963	20 July 1952	31 July 1955		19	
Left bank - adjacent	Left bank - adjacent	Right bank - adjacent		20	(10) Affected by level of Lake Francis case. Applicable to pool at elevation 1350.
1385	1346	1180		21	
376 gated	1000 gated	664 gated		22	(11) Spillway crest.
8 - 40' x 38' Tainter	21 - 40' x 29' Tainter	14 - 40' x 30' Tainter		23	(12) 1967-2001 Average
390,000 at elev 1433.6	620,000 at elev 1379.3	584,000 at elev 1221.4		24	(13) Source: Annual Report on Civil Works Activities of the Corps of Engineers. Extract Report Fiscal Year 1999.
270,000	508,000	345,000		25	
1423 msl 61,000 acres	1375 msl 102,000 acres	1210 msl 31,000 acres	1,194,000 acres	26	(14) Based on Study 8-83-1985
1422 msl 60,000 acres	1365 msl 95,000 acres	1208 msl 28,000 acres	1,147,000 acres	27	
1420 msl 57,000 acres	1350 msl 77,000 acres	1204.5 msl 24,000 acres	989,000 acres	28	
1415 msl 51,000 acres	1320 msl 38,000 acres	1204.5 msl 24,000 acres	450,000 acres	29	
1423-1422 60,000 a.f.	1375-1365 985,000 a.f.	1210-1208 59,000 a.f.	4,670,000 a.f.	30	
1422-1420 117,000 a.f.	1365-1350 1,309,000 a.f.	1208-1204.5 90,000 a.f.	11,656,000 a.f.	31	
	1350-1320 1,607,000 a.f.		38,983,000 a.f.	32	
1420-1345 1,682,000 a.f.	1320-1240 1,517,000 a.f.	1204.5-1160 321,000 a.f.	18,084,000 a.f.	33	
1423-1345 1,859,000 a.f.	1375-1240 5,418,000 a.f.	1210-1160 470,000 a.f.	73,393,000 a.f.	34	
November 1963	January 1953	August 1955		35	
25 March 1964	24 November 1953	22 December 1955		36	
4,300 a.f. 430 yrs.	18,300 a.f. 250 yrs.	2,600 a.f. 180 yrs.	92,500 a.f.	37	
	Left Bank			38	
None (7)	4 - 22' diameter	None (7)		39	
	1013			40	
	2 - 11' x 23' per conduit, vertical lift, cable suspension			41	
1385 (11)	1229	1180 (11)		42	
	Elev 1375			43	
	32,000 cfs - 128,000 cfs				
1351-1355(10) 25,000-100,000 cfs	1228-1239 5,000-60,000 cfs	1155-1163 15,000-60,000 cfs		44	
70	117	48	764 feet	45	
None: direct intake	8 - 28' dia., 22' penstocks	None: direct intake		46	
	1,074		55,083	47	
None	59' dia, 2 per alternate penstock	None		48	
8 Fixed blade, 81.8 rpm	8 Francis, 85.7 rpm	3 Kaplan, 75 rpm	36 units	49	
67' 103,000 cfs	112' 44,500 cfs	48' 36,000 cfs		50	
3 - 67,276, 5 - 58,500	40,000	44,100		51	
494,320	320,000	132,300	2,435,650 kw	52	
497,000	293,000	74,000	1,967,000 kw	53	Corps of Engineers, U.S. Army
1,041	1,843	754	10,077 million kWh	54	Compiled by
October 1964 - July 1966	March 1954 - January 1956	September 1956 - January 1957	July 1943 - July 1966	55	Northwestern Division
				56	Missouri River Region
$107,498,000	$199,066,000	$49,617,000	$1,166,404,000		May 2001

System Storage

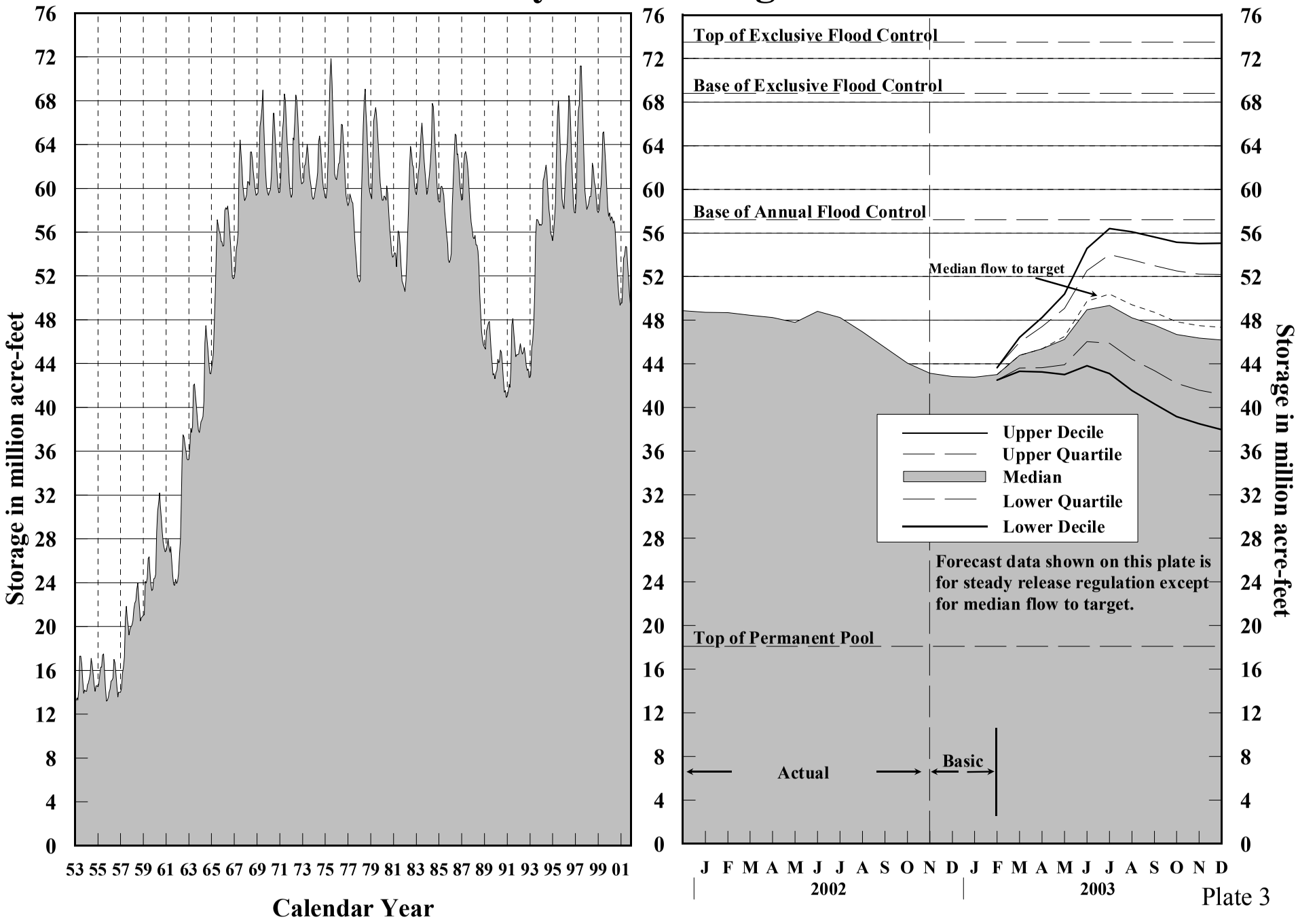


Plate 3

Gavins Point Releases

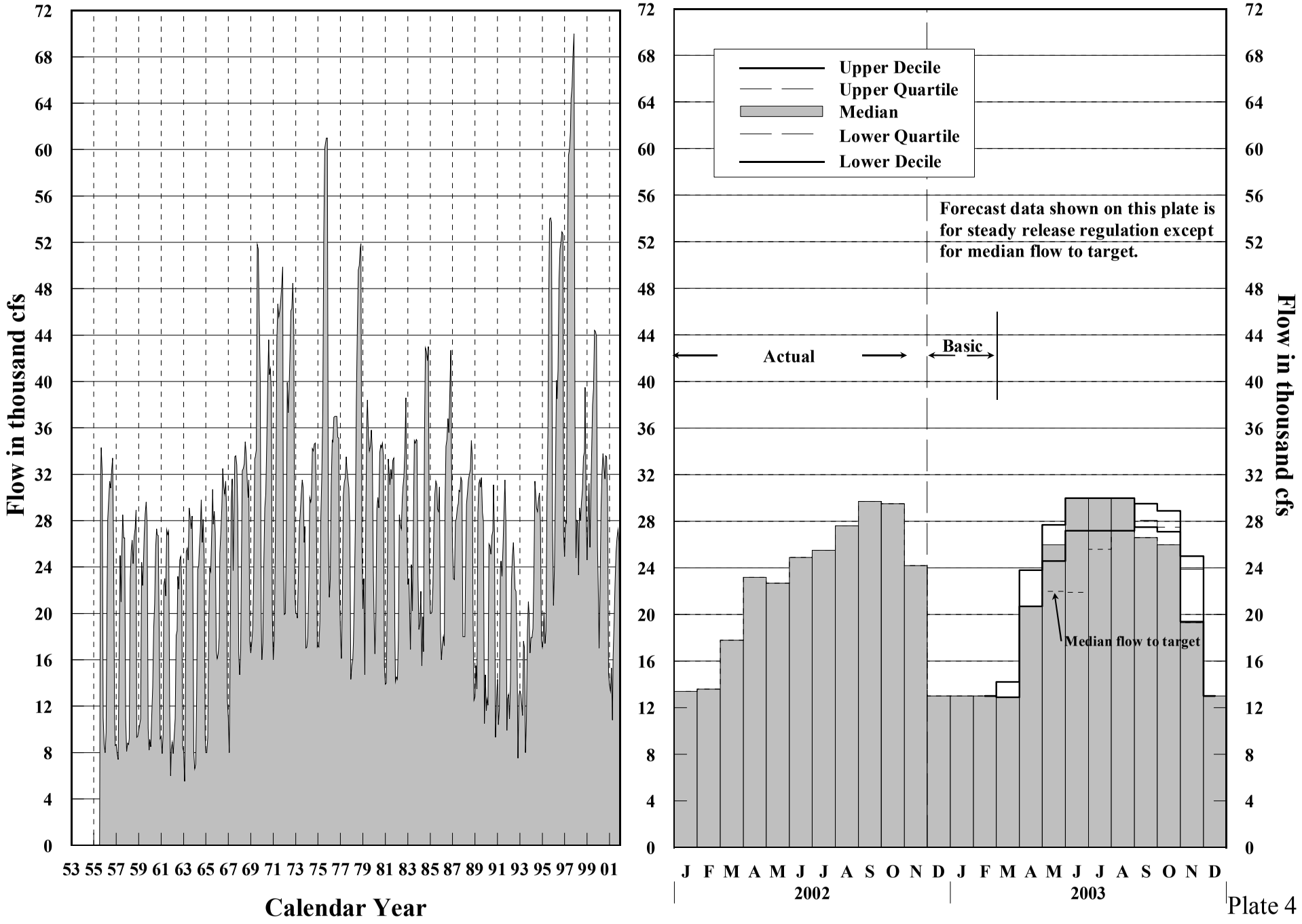
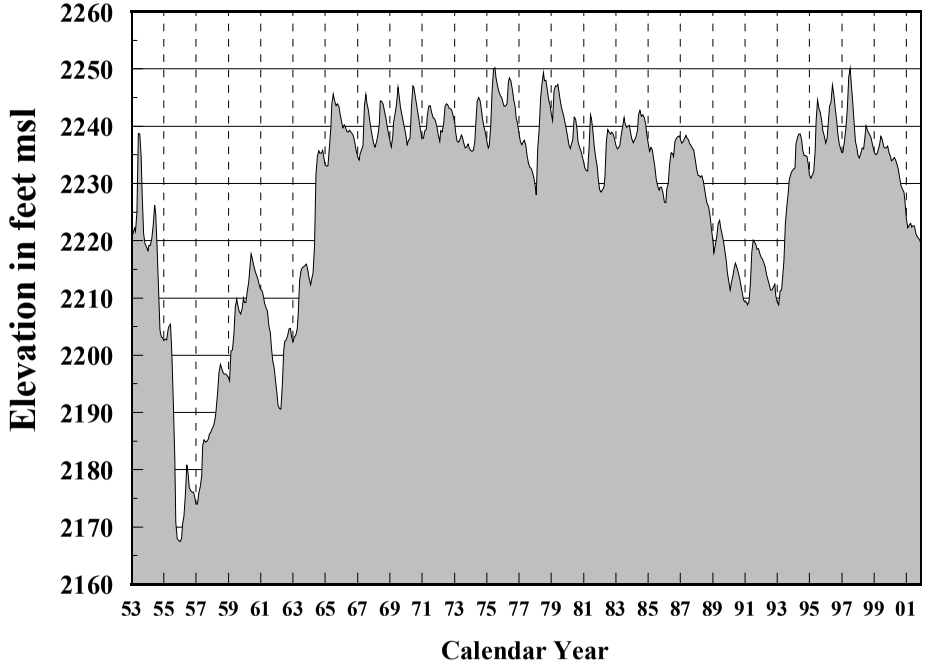
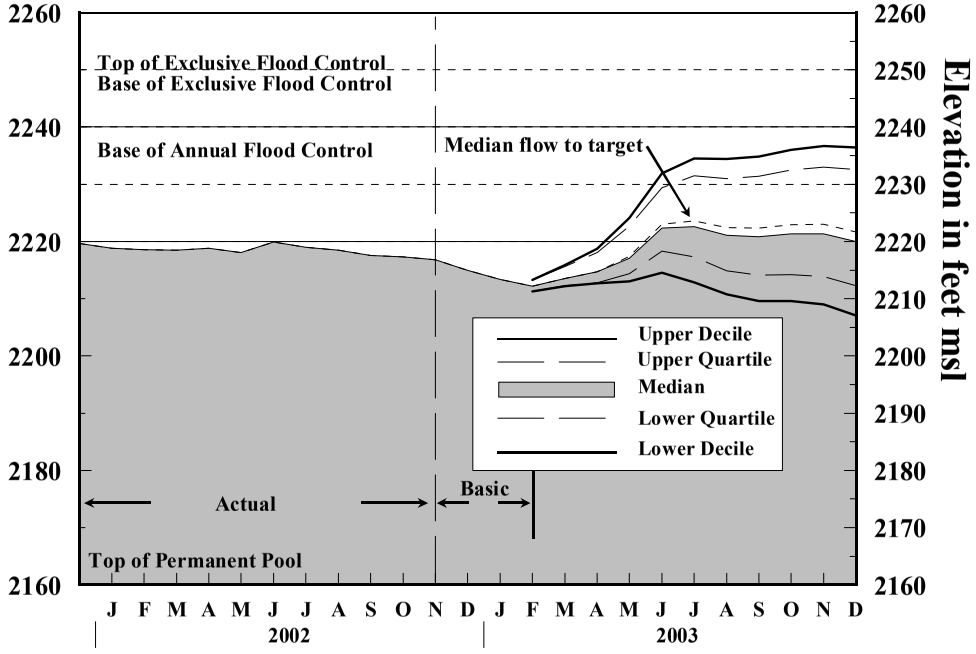
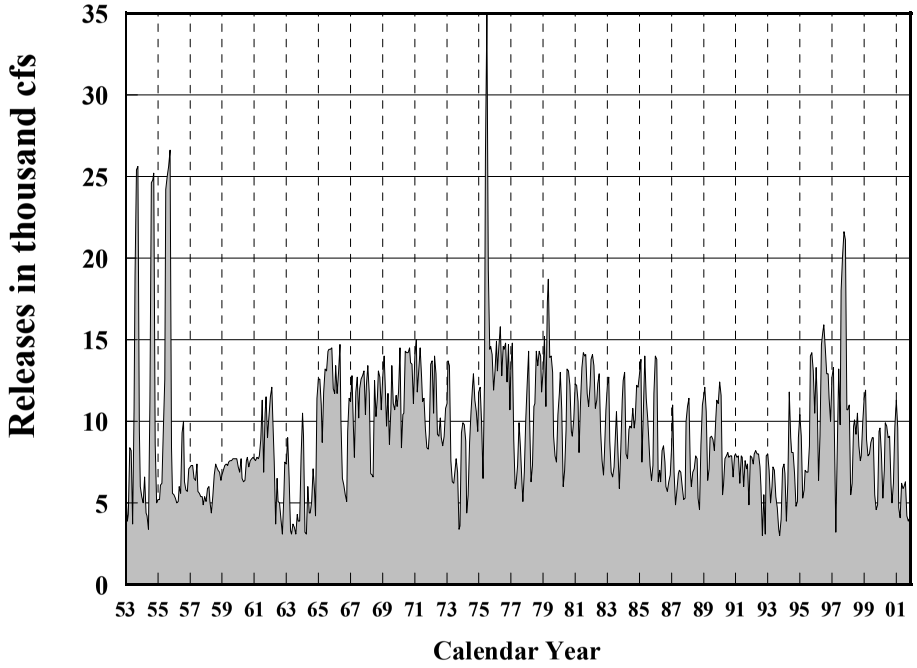


Plate 4

Fort Peck
Elevations and Releases







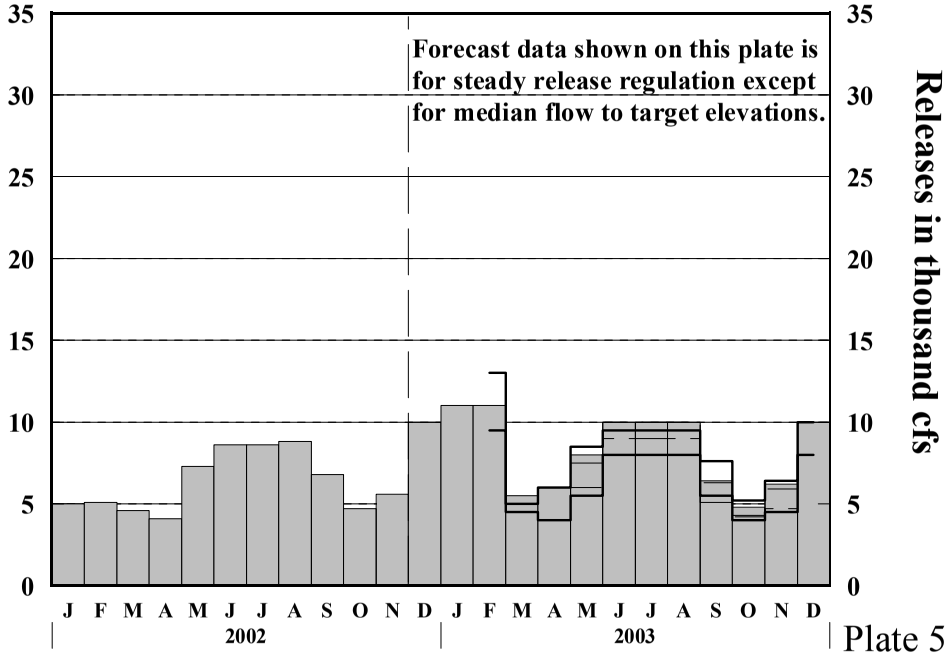
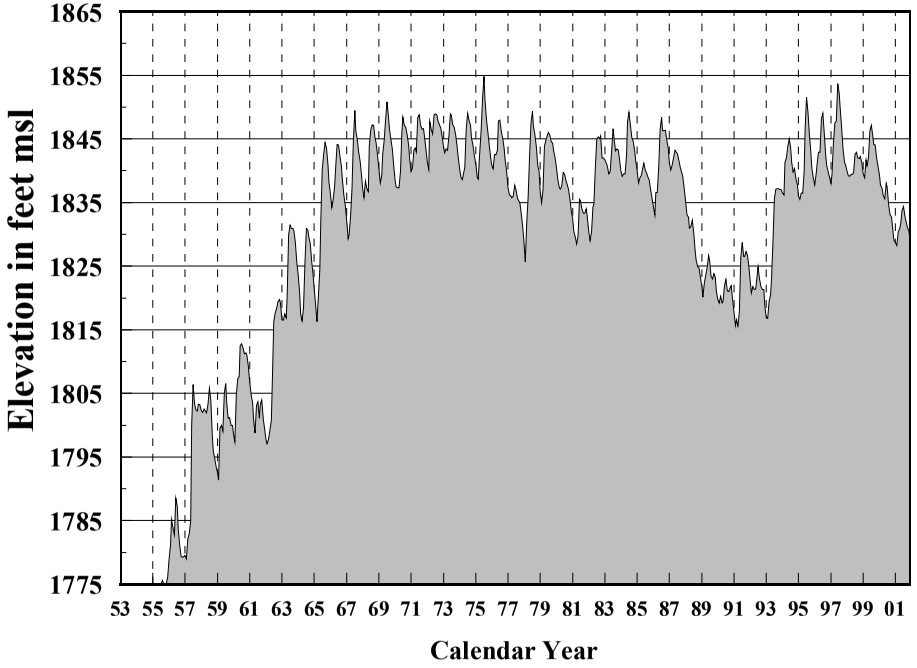
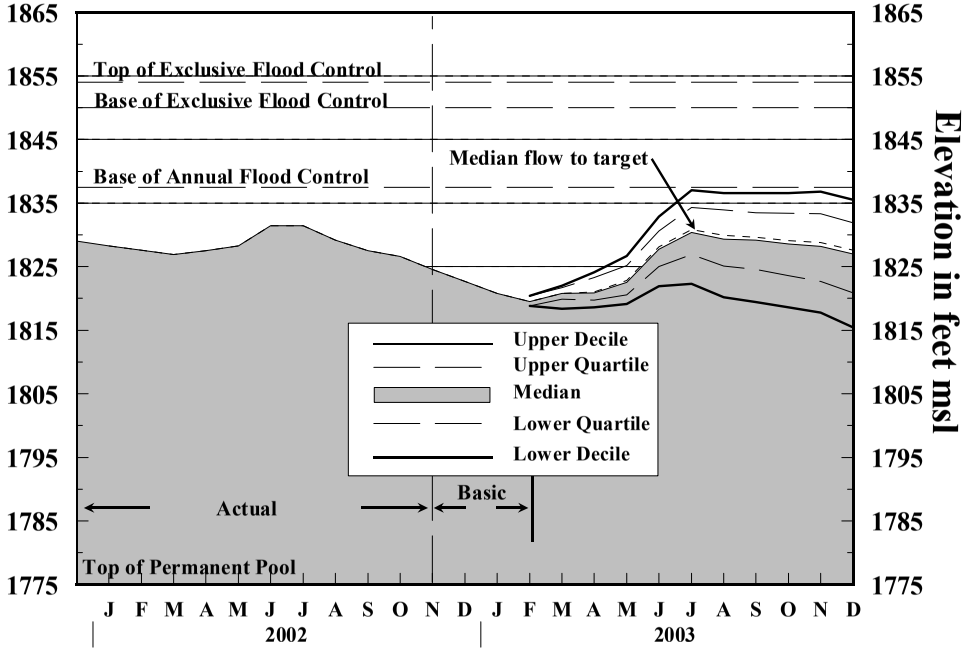
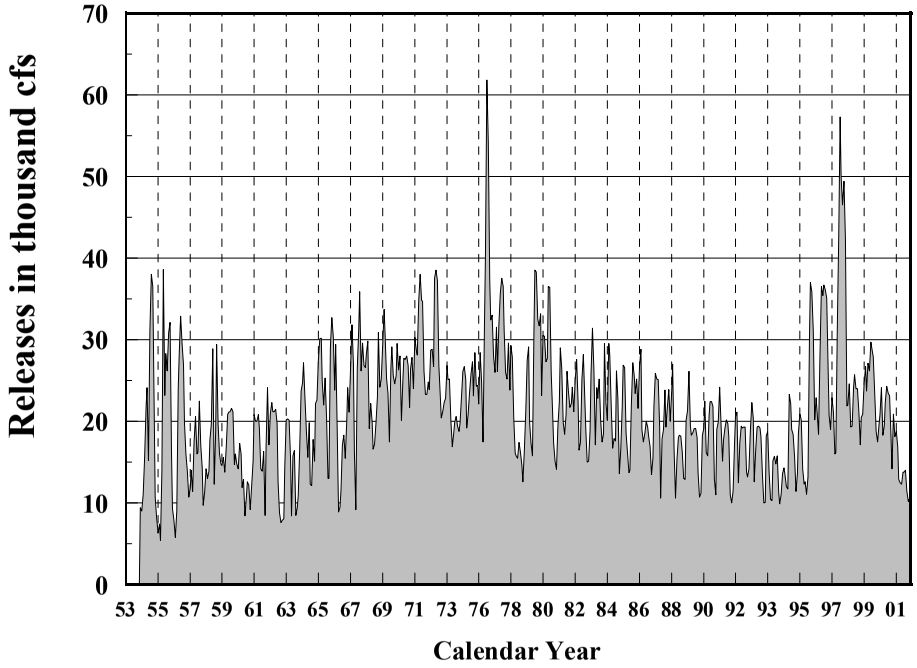


Plate 5

Garrison
Elevations and Releases







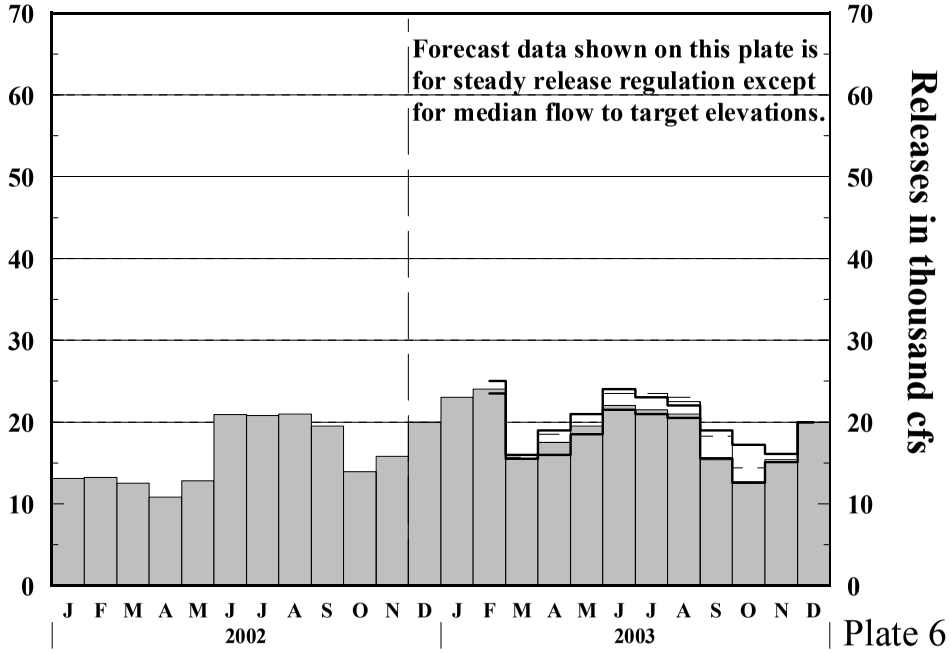
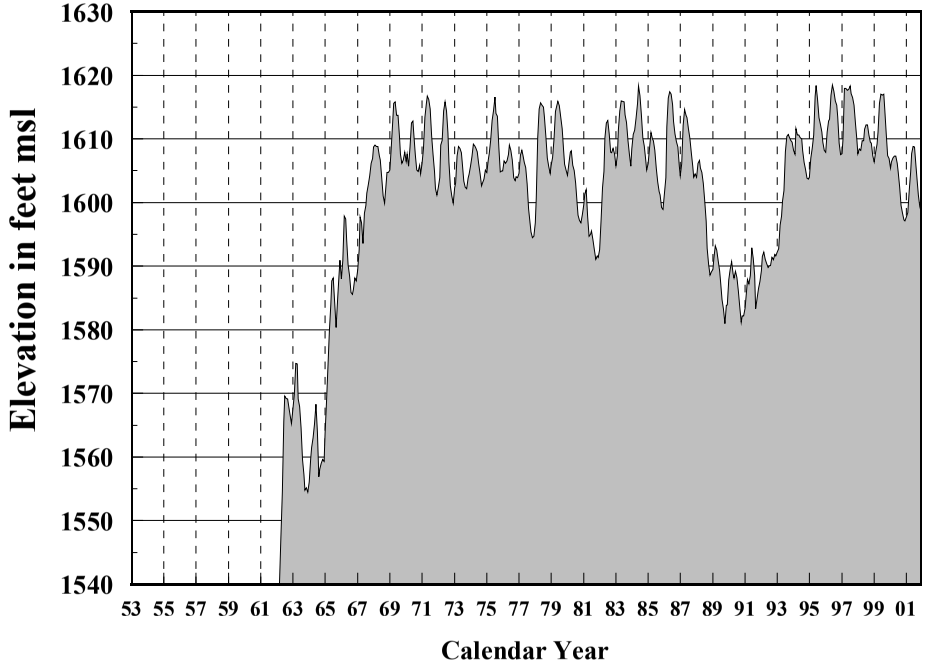
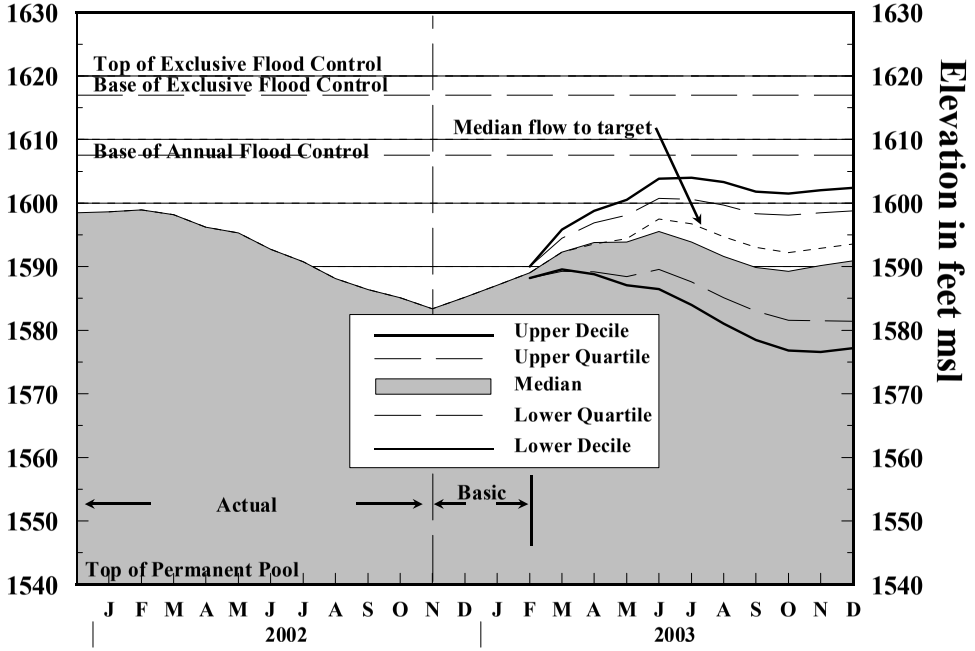
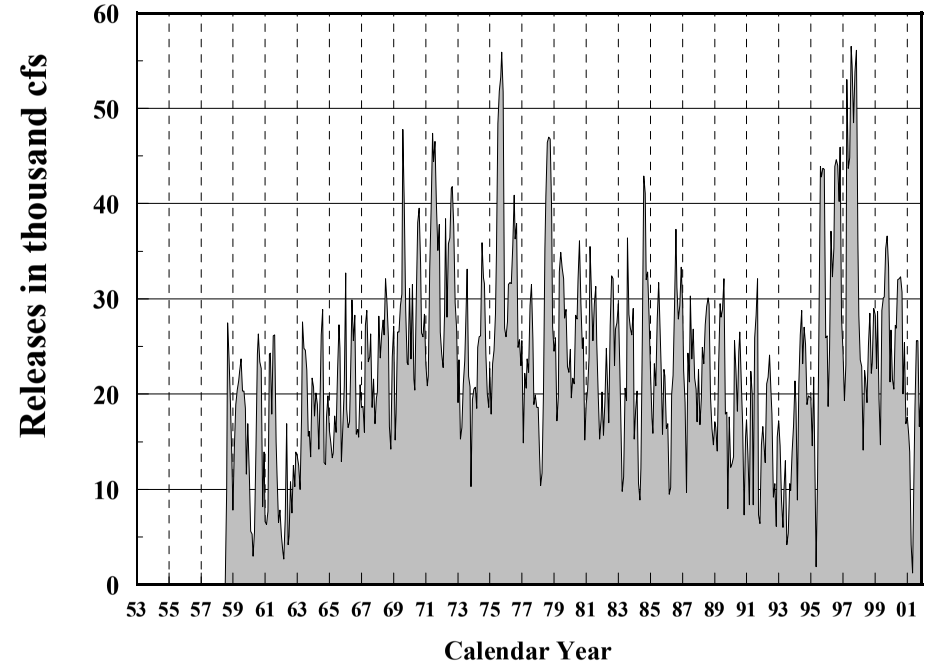


Plate 6

Oahe
Elevations and Releases







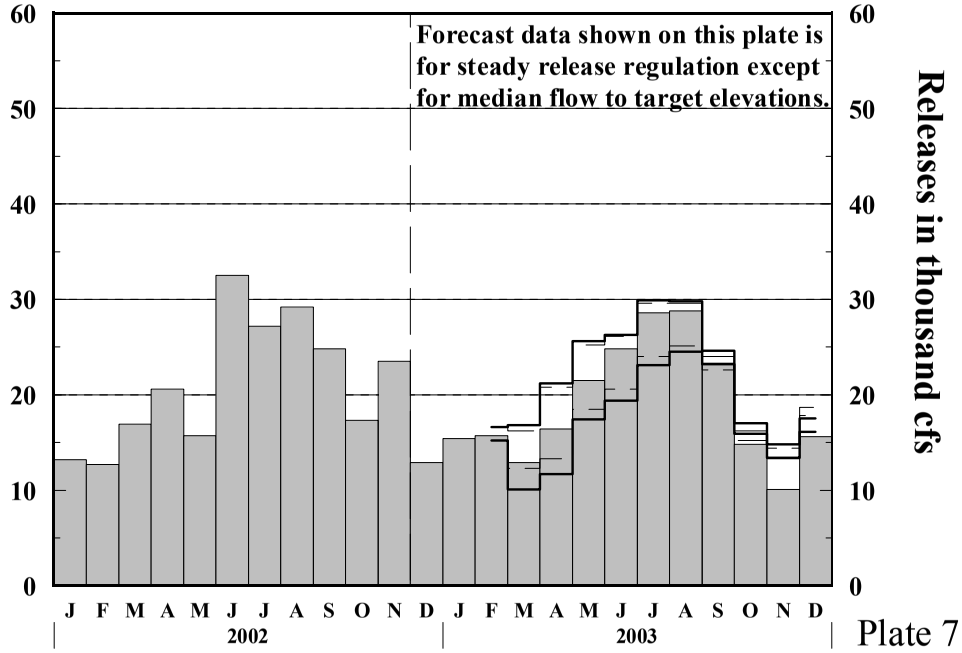
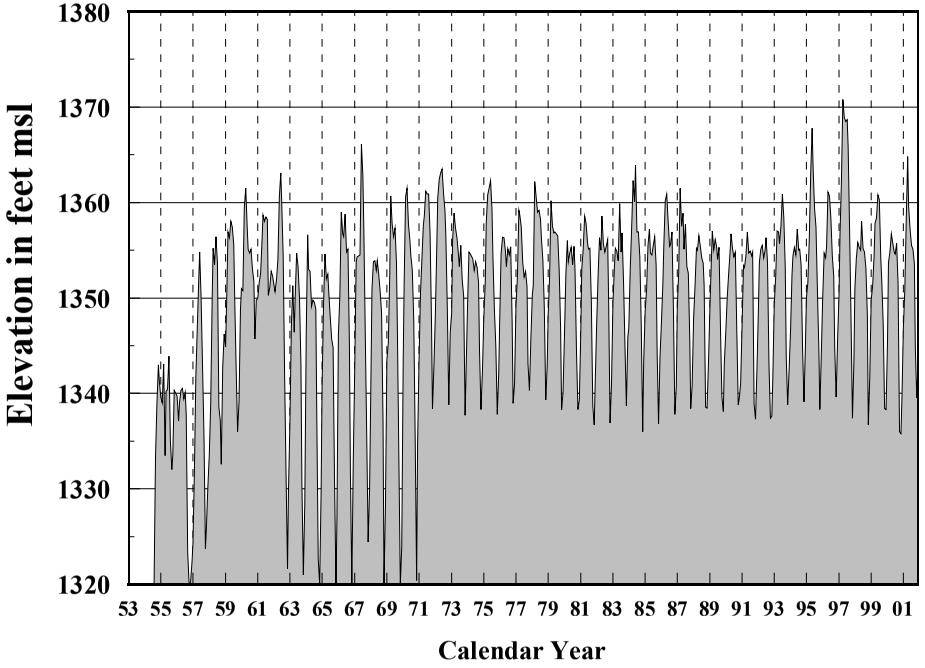
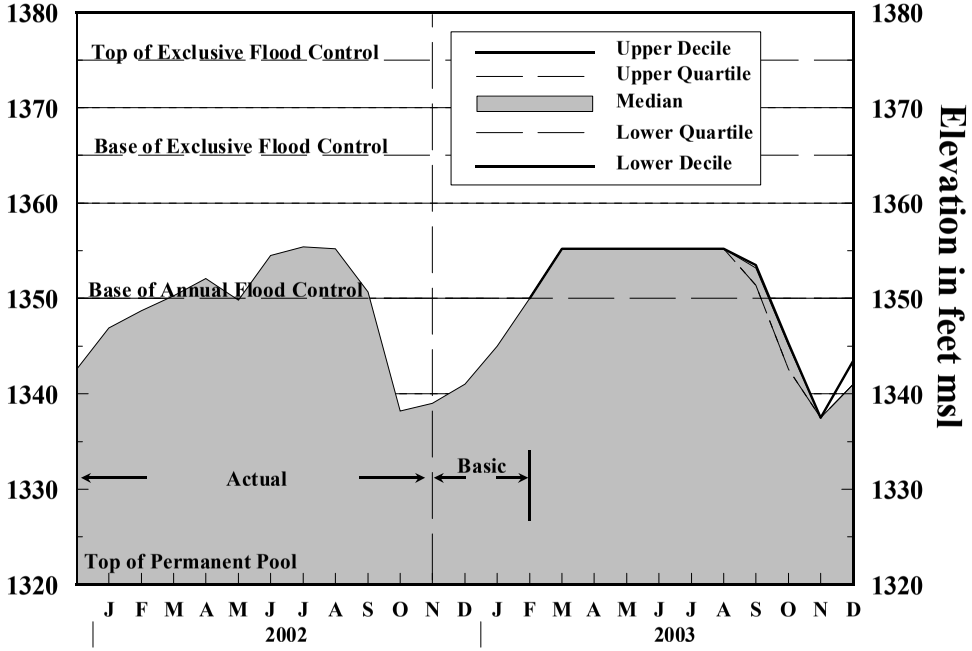
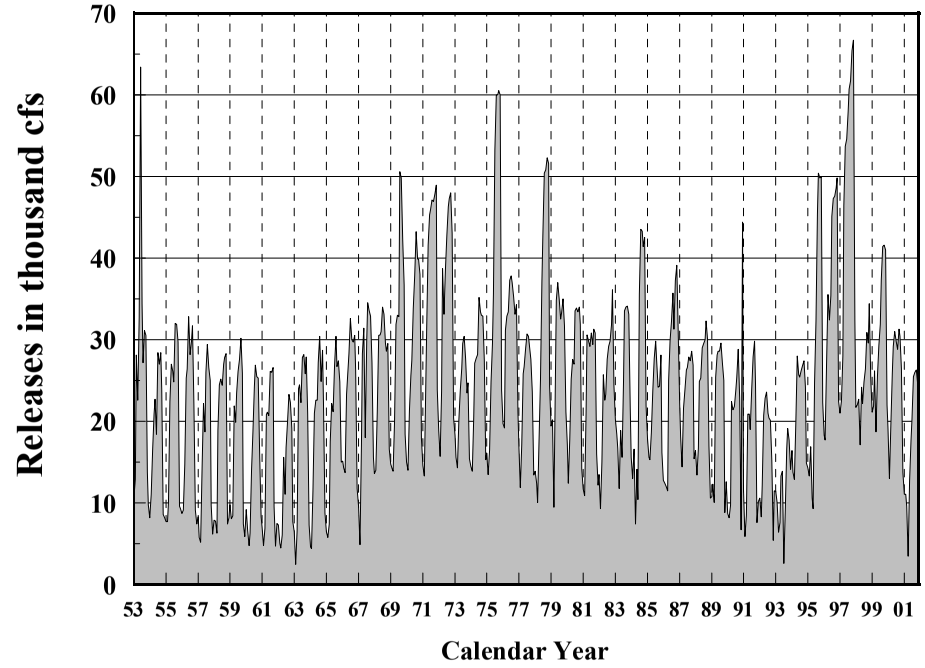


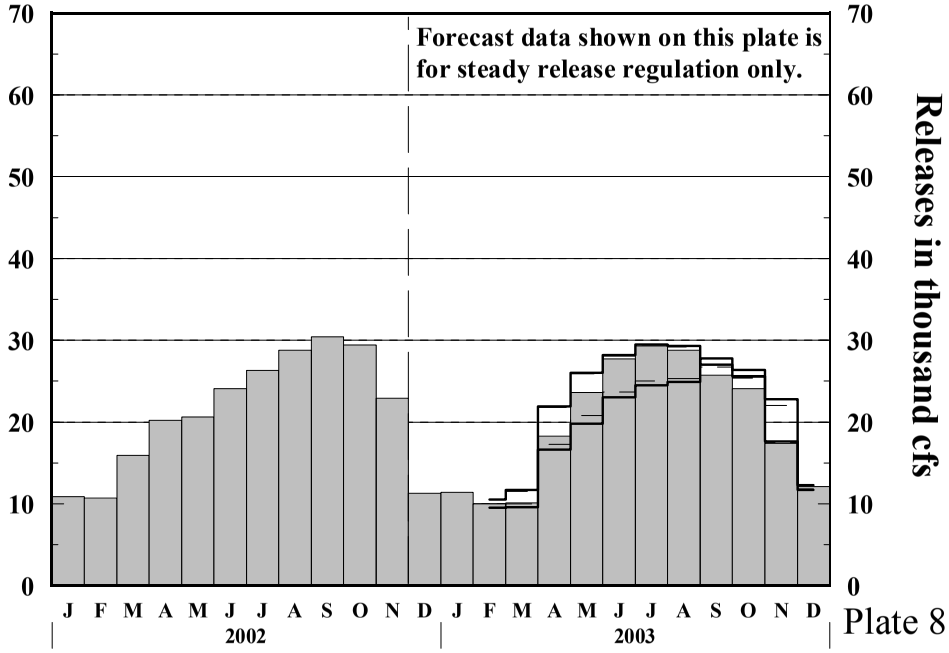
Plate 7

Fort Randall
Elevations and Releases



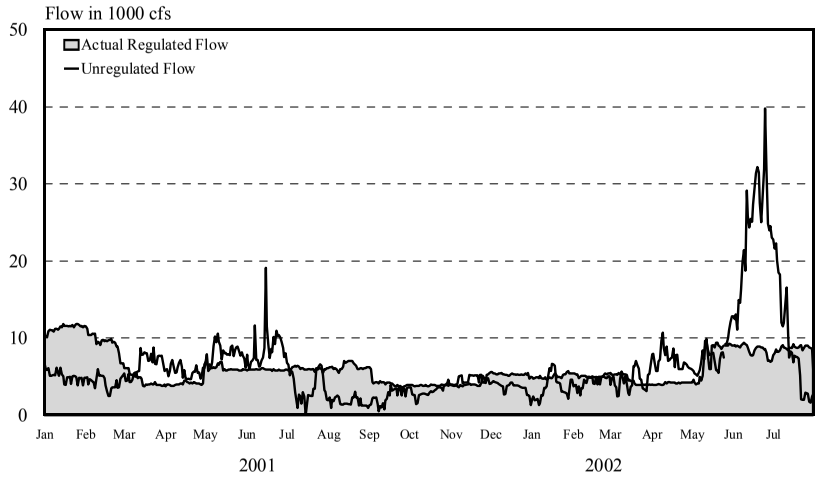




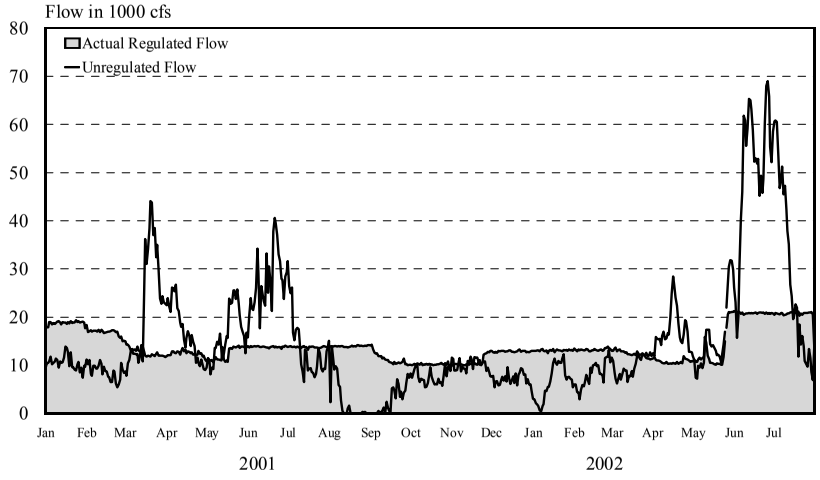


Reservoir Release and Unregulated Flow

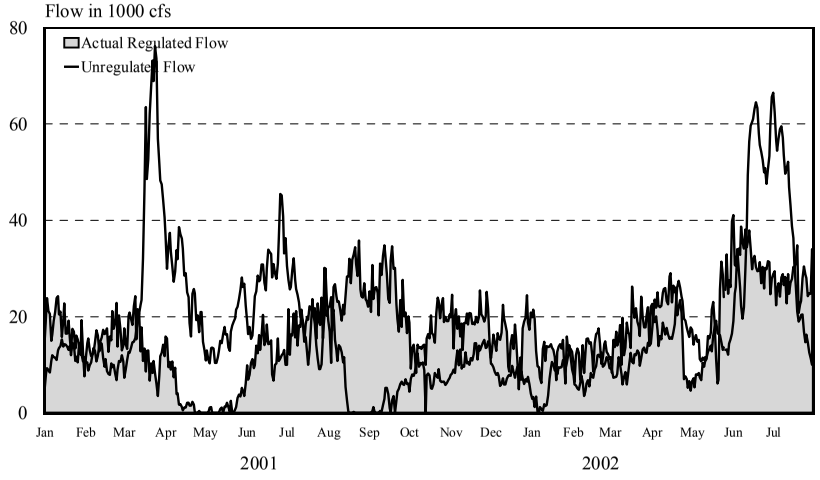
Fort Peck



Garrison



Oahe



Gavins Point

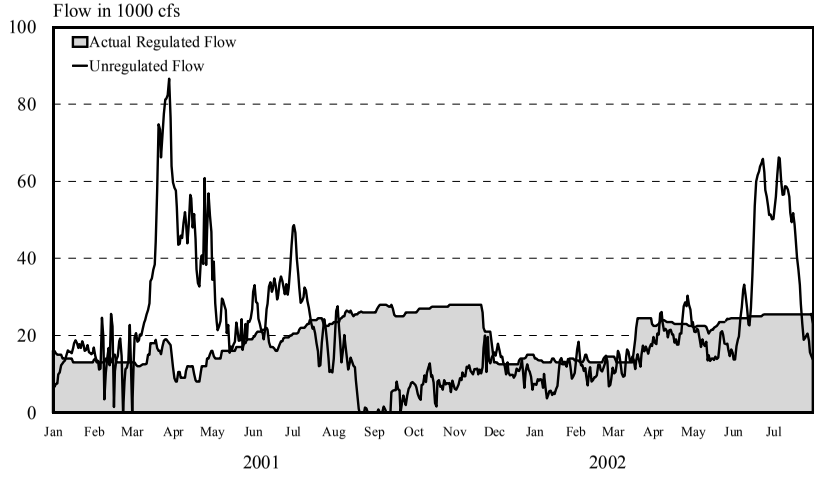


Plate 9

System Gross Capability and Average Monthly Generation

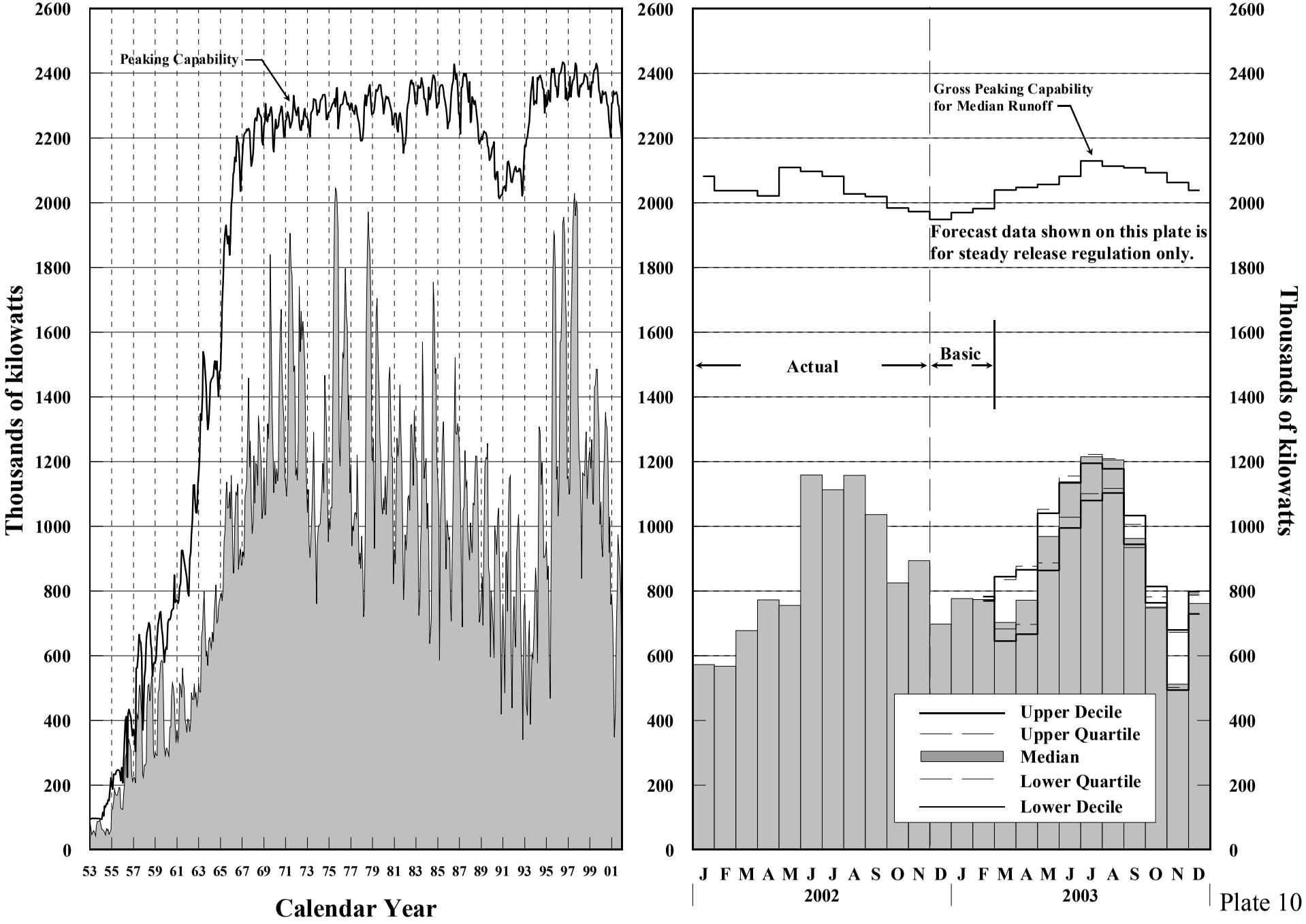


Plate 10

Tentative Five Year Extensions of 2002-2003 AOP

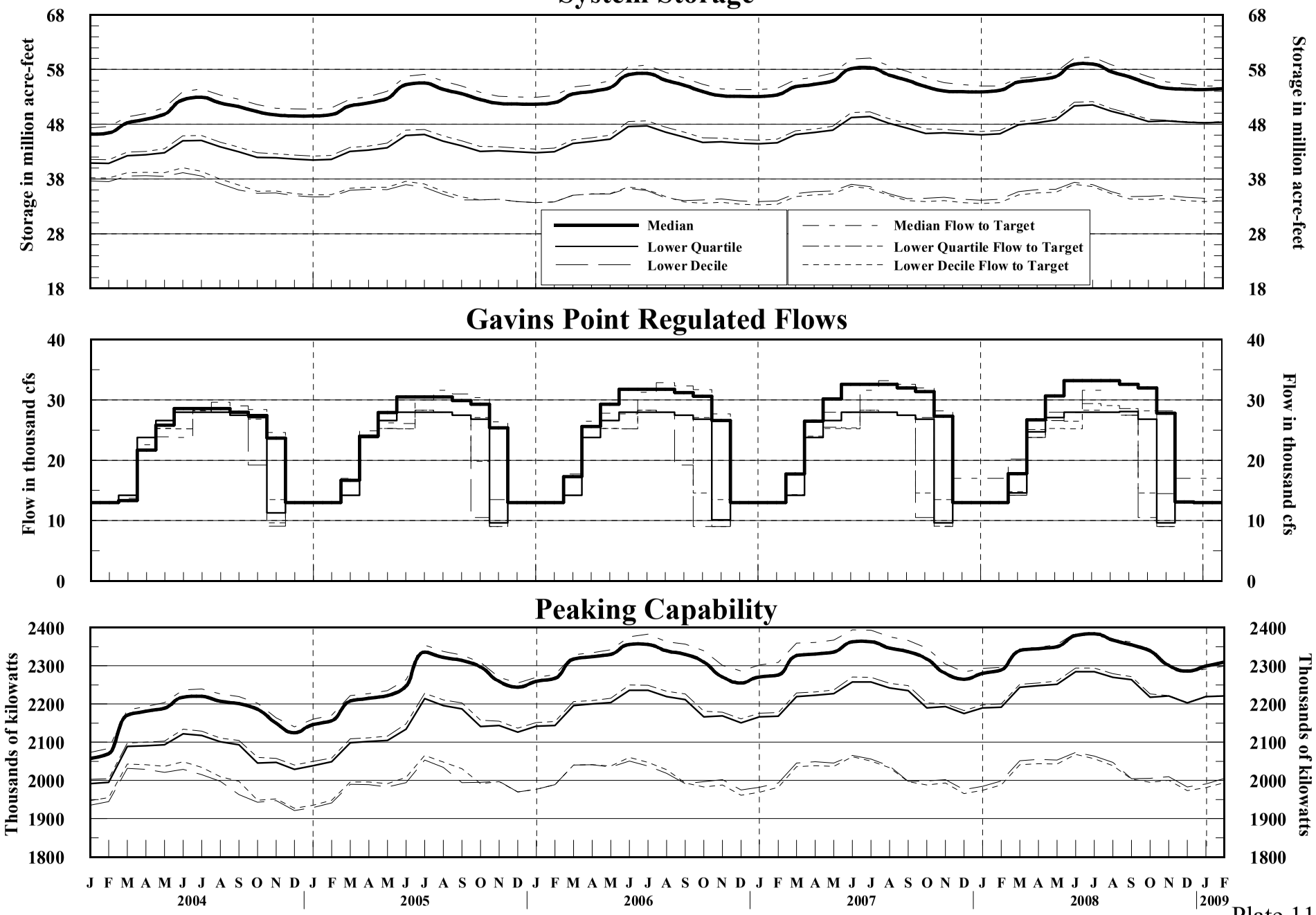


Plate 11

Tentative Five Year Extensions of 2002-2003 AOP

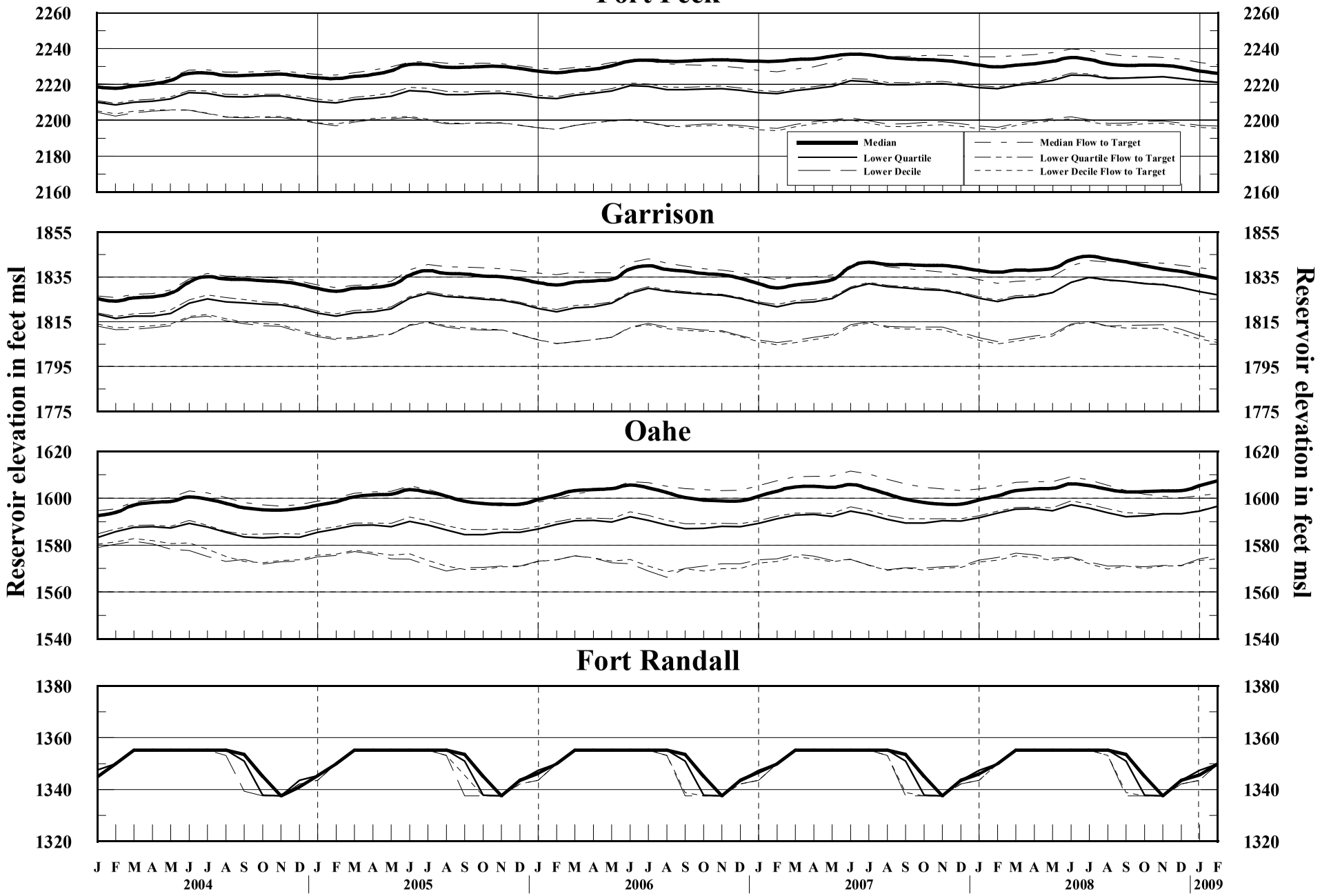


Plate 12

News Release

US Army Corps of Engineers
Northwestern Division
Public Affairs Office

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Omaha, Nebraska 68144-3869

Phone: (402) 697-2552
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Date: Jan. 15, 2003

OMAHA – The Army Corps of Engineers will release its 2003 Annual Operating Plan for the Missouri River reservoir system by the end of January.

It will describe how releases from the system of reservoirs will be managed throughout the year. Given low water levels in the reservoirs due to the current drought, the plan will provide only minimum flows for navigation. It is anticipated that the season will be shortened by five days in November. A final determination of the length of the shortening will be made after the water-in-storage check on March 1.

The AOP will present a "steady release" schedule during the nesting season of the interior least tern and piping plover. The two birds are listed for protection under the Endangered Species Act.

Enough water would be released to meet minimum navigation flow targets, support river recreation and meet water quality standards. A release rate of 30,000 cubic per second (cfs) from Gavins Point Dam, near Yankton, S.D., would provide minimum navigation service at least 90 percent of the time between June 15 and August 15. Downstream tributary contributions could provide enough water to allow for lower releases.

The U.S. Fish and Wildlife Service has confirmed to the Corps that steady to declining releases from June 15 through August 15 would comply with the Endangered Species Act.

The Corps informed the USFWS that it prefers a slightly different plan for the tern and plover nesting season, which is referred to as a "flow-to-target" operation. Under this plan, releases would be gradually increased throughout the nesting season to meet minimum flow targets as the tributaries dry up. Nests threatened by rising water or erosion would be moved to higher ground when possible.

Threatened chicks and eggs would be collected by biologists for captive rearing at the Corps' "bird house" at Gavins Point and subsequently released.

"We prefer the 'flow to target' option because it simultaneously meets downstream needs and saves nearly 250,000 acre feet of water in the three biggest reservoirs," said Brig. Gen. David Fastabend, Northwestern Division Engineer. "That could reduce the anticipated decline in the reservoirs by 4 to 18 inches, depending on the contributions by the downstream tributaries," he said.

The Corps and the USFWS have agreed to consult on the flow-to-target plan to see if it could possibly replace the steady release plan for the 2003 nesting season.

"We will await the results of our consultation with the USFWS before the operation during the nesting season is finalized, said General Fastabend."

The final Annual Operating Plan will be published late this month. Copies will be provided to an extensive mailing list. It will also be available at www.nwd.usace.army.mil or by writing to: Water Management Division, 12565 West Center Road, Omaha, NE 68144.

	30NOV02 INI-SUM	31DEC	2002 31JAN	28FEB
--FORT PECK--				
NAT INFLOW	960	280	315	365
DEPLETION	-205	-72	-84	-49
EVAPORATION	41	41		
MOD INFLOW	1124	311	399	414
RELEASE	1902	615	676	611
STOR CHANGE	-778	-304	-277	-197
STORAGE	11715	11411	11134	10937
ELEV FTMSL	2216.8	2215.0	2213.4	2212.2
DISCH KCFS	5.6	10.0	11.0	11.0
POWER				
AVE POWER MW		126	134	133
PEAK POW MW		145	143	142
ENERGY GWH	283.4	93.9	100.0	89.6
--GARRISON--				
NAT INFLOW	840	220	260	360
DEPLETION	21	-18	7	32
CHAN STOR	-57	-46	-11	0
EVAPORATION	46	46		
REG INFLOW	2618	761	919	939
RELEASE	3909	1230	1402	1277
STOR CHANGE	-1291	-469	-483	-338
STORAGE	14442	13973	13490	13151
ELEV FTMSL	1824.6	1822.7	1820.8	1819.5
DISCH KCFS	18.0	20.0	22.8	23.0
POWER				
AVE POWER MW		228	256	255
PEAK POW MW		334	329	325
ENERGY GWH	531.8	169.6	190.6	171.7
--OAHE--				
NAT INFLOW	100		10	90
DEPLETION	61	13	18	30
CHAN STOR	-25	-10	-14	-1
EVAPORATION	41	41		
REG INFLOW	3882	1166	1380	1336
RELEASE	2611	793	945	872
STOR CHANGE	1272	373	435	464
STORAGE	12495	12868	13303	13767
ELEV FTMSL	1583.6	1585.2	1587.1	1589.0
DISCH KCFS	23.5	12.9	15.4	15.7
POWER				
AVE POWER MW		147	177	183
PEAK POW MW		596	606	616
ENERGY GWH	363.8	109.4	131.6	122.8
--BIG BEND--				
EVAPORATION	11	11		
REG INFLOW	2599	782	945	872
RELEASE	2629	812	945	872
STORAGE	1712	1682	1682	1682
ELEV FTMSL	1420.5	1420.0	1420.0	1420.0
DISCH KCFS	21.2	13.2	15.4	15.7
POWER				
AVE POWER MW		67	76	75
PEAK POW MW		538	538	529
ENERGY GWH	156.4	49.5	56.2	50.6
--FORT RANDALL--				
NAT INFLOW	90	20	20	50
DEPLETION	9	3	3	3
EVAPORATION	10	10		
REG INFLOW	2700	819	962	919
RELEASE	1951	695	701	555
STOR CHANGE	749	124	261	364
STORAGE	2375	2499	2760	3124
ELEV FTMSL	1338.9	1341.0	1345.0	1350.0
DISCH KCFS	22.9	11.3	11.4	10.0
POWER				
AVE POWER MW		84	87	80
PEAK POW MW		299	318	338
ENERGY GWH	181.4	62.7	65.0	53.7
--GAVINS POINT--				
NAT INFLOW	305	80	100	125
DEPLETION	11	10	1	
CHAN STOR	24	21	0	3
EVAPORATION	4	4		
REG INFLOW	2264	782	800	683
RELEASE	2318	797	800	722
STOR CHANGE	-54	-15		-39
STORAGE	412	397	397	358
ELEV FTMSL	1208.0	1207.5	1207.5	1206.0
DISCH KCFS	24.2	13.0	13.0	13.0
POWER				
AVE POWER MW		46	46	46
PEAK POW MW		78	78	76
ENERGY GWH	99.5	34.3	34.4	30.8
--GAVINS POINT - SIOUX CITY--				
NAT INFLOW	150	30	35	85
DEPLETION	36	11	12	13
REGULATED FLOW AT SIOUX CITY				
KAF	2432	816	823	794
KCFS		13.3	13.4	14.3
--TOTAL--				
NAT INFLOW	2445	630	740	1075
DEPLETION	-67	-53	-43	29
CHAN STOR	-58	-35	-25	2
EVAPORATION	154	154		
STORAGE	43151	42830	42765	43019
SYSTEM POWER				
AVE POWER MW		698	776	773
PEAK POW MW		1991	2012	2025
ENERGY GWH	1616.3	519.5	577.7	519.1
DAILY GWH		16.8	18.6	18.5

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--FORT PECK--			
NAT INFLOW 1152	336	378	438
DEPLETION -382	-127	-150	-105
EVAPORATION 31	31		
MOD INFLOW 1503	432	528	543
RELEASE 2105	615	769	722
STOR CHANGE -602	-183	-241	-179
STORAGE 11715	11532	11292	11113
ELEV FTMSL 2216.8	2215.7	2214.3	2213.3
DISCH KCFS 5.6	10.0	12.5	13.0
POWER			
AVE POWER MW	126	145	143
PEAK POW MW	146	144	143
ENERGY GWH 298.1	94.1	107.7	96.3
--GARRISON--			
NAT INFLOW 1008	264	312	432
DEPLETION 38	-12	12	38
CHAN STOR -78	-46	-26	-5
EVAPORATION 35	35		
REG INFLOW 2963	810	1042	1111
RELEASE 4038	1230	1476	1333
STOR CHANGE -1076	-420	-434	-222
STORAGE 14442	14022	13589	13366
ELEV FTMSL 1824.6	1822.9	1821.2	1820.4
DISCH KCFS 18.0	20.0	24.0	24.0
POWER			
AVE POWER MW	228	270	268
PEAK POW MW	335	330	327
ENERGY GWH 550.3	169.7	200.8	179.8
--OAHE--			
NAT INFLOW 120		12	108
DEPLETION 61	13	18	30
CHAN STOR -30	-10	-20	
EVAPORATION 31	31		
REG INFLOW 4037	1176	1450	1411
RELEASE 2529	773	912	845
STOR CHANGE 1508	403	538	566
STORAGE 12495	12898	13437	14003
ELEV FTMSL 1583.6	1585.4	1587.7	1590.0
DISCH KCFS 23.5	12.6	14.8	15.2
POWER			
AVE POWER MW	143	171	178
PEAK POW MW	597	609	621
ENERGY GWH 353.3	106.6	127.2	119.4
--BIG BEND--			
EVAPORATION 9	9		
REG INFLOW 2520	764	912	845
RELEASE 2550	794	912	845
STORAGE 1712	1682	1682	1682
ELEV FTMSL 1420.5	1420.0	1420.0	1420.0
DISCH KCFS 21.2	12.9	14.8	15.2
POWER			
AVE POWER MW	65	73	73
PEAK POW MW	538	538	529
ENERGY GWH 151.7	48.4	54.3	49.0
--FORT RANDALL--			
NAT INFLOW 108	24	24	60
DEPLETION 9	3	3	3
EVAPORATION 8	8		
REG INFLOW 2642	808	933	902
RELEASE 1893	683	683	528
STOR CHANGE 749	125	250	374
STORAGE 2375	2500	2750	3124
ELEV FTMSL 1338.9	1341.0	1344.8	1350.0
DISCH KCFS 22.9	11.1	11.1	9.5
POWER			
AVE POWER MW	83	85	76
PEAK POW MW	299	317	338
ENERGY GWH 175.9	61.6	63.3	51.0
--GAVINS POINT--			
NAT INFLOW 366	96	120	150
DEPLETION 11	10	1	
CHAN STOR 25	22		3
EVAPORATION 3	3		
REG INFLOW 2269	787	802	681
RELEASE 2323	802	802	720
STOR CHANGE -54	-15		-39
STORAGE 412	397	397	358
ELEV FTMSL 1208.0	1207.5	1207.5	1206.0
DISCH KCFS 24.2	13.0	13.0	13.0
POWER			
AVE POWER MW	46	46	46
PEAK POW MW	78	78	76
ENERGY GWH 99.7	34.5	34.4	30.7
--GAVINS POINT - SIOUX CITY--			
NAT INFLOW 180	36	42	102
DEPLETION 36	11	12	13
REGULATED FLOW AT SIOUX CITY			
KAF 2467	827	832	809
KCFS	13.4	13.5	14.6
--TOTAL--			
NAT INFLOW 2934	756	888	1290
DEPLETION -227	-102	-104	-21
CHAN STOR -83	-35	-46	-2
EVAPORATION 116	116		
STORAGE 43151	43032	43146	43646
SYSTEM POWER			
AVE POWER MW	692	790	783
PEAK POW MW	1993	2016	2034
ENERGY GWH 1629.0	515.0	587.8	526.2
DAILY GWH	16.6	19.0	18.8

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--FORT PECK--				
NAT INFLOW	768	224	252	292
DEPLETION	-96	-83	-19	6
EVAPORATION	51	51		
MOD INFLOW	813	256	271	286
RELEASE	1745	615	603	528
STOR CHANGE	-932	-359	-332	-242
STORAGE	11715	11356	11025	10783
ELEV FTMSL	2216.8	2214.7	2212.8	2211.3
DISCH KCFS	5.6	10.0	9.8	9.5
POWER				
AVE POWER MW		126	123	118
PEAK POW MW		144	142	141
ENERGY GWH	264.8	93.8	91.4	79.6
--GARRISON--				
NAT INFLOW	672	176	208	288
DEPLETION	-50	-39	-14	3
CHAN STOR	-41	-46	2	3
EVAPORATION	58	58		
REG INFLOW	2368	726	827	816
RELEASE	3832	1230	1353	1250
STOR CHANGE	-1464	-504	-526	-434
STORAGE	14442	13938	13412	12978
ELEV FTMSL	1824.6	1822.6	1820.5	1818.8
DISCH KCFS	18.0	20.0	22.0	22.5
POWER				
AVE POWER MW		228	247	249
PEAK POW MW		334	328	323
ENERGY GWH	520.6	169.5	183.7	167.4
--OAHE--				
NAT INFLOW	80		8	72
DEPLETION	61	13	18	30
CHAN STOR	-22	-10	-10	-2
EVAPORATION	51	51		
REG INFLOW	3778	1156	1333	1289
RELEASE	2699	822	956	920
STOR CHANGE	1079	333	376	369
STORAGE	12495	12828	13205	13574
ELEV FTMSL	1583.6	1585.0	1586.7	1588.2
DISCH KCFS	23.5	13.4	15.6	16.6
POWER				
AVE POWER MW		152	179	192
PEAK POW MW		595	604	612
ENERGY GWH	375.3	113.3	132.9	129.0
--BIG BEND--				
EVAPORATION	14	14		
REG INFLOW	2685	808	956	920
RELEASE	2715	838	956	920
STORAGE	1712	1682	1682	1682
ELEV FTMSL	1420.5	1420.0	1420.0	1420.0
DISCH KCFS	21.2	13.6	15.6	16.6
POWER				
AVE POWER MW		69	77	79
PEAK POW MW		538	538	529
ENERGY GWH	161.4	51.1	56.9	53.4
--FORT RANDALL--				
NAT INFLOW	72	16	16	40
DEPLETION	9	3	3	3
EVAPORATION	13	13		
REG INFLOW	2765	838	969	957
RELEASE	2016	713	719	583
STOR CHANGE	749	125	250	374
STORAGE	2375	2500	2750	3124
ELEV FTMSL	1338.9	1341.0	1344.8	1350.0
DISCH KCFS	22.9	11.6	11.7	10.5
POWER				
AVE POWER MW		87	90	84
PEAK POW MW		300	317	338
ENERGY GWH	187.3	64.4	66.7	56.3
--GAVINS POINT--				
NAT INFLOW	244	64	80	100
DEPLETION	11	10	1	
CHAN STOR	23	21	0	2
EVAPORATION	5	5		
REG INFLOW	2266	783	798	685
RELEASE	2320	798	798	724
STOR CHANGE	-54	-15		-39
STORAGE	412	397	397	358
ELEV FTMSL	1208.0	1207.5	1207.5	1206.0
DISCH KCFS	24.2	13.0	13.0	13.0
POWER				
AVE POWER MW		46	46	46
PEAK POW MW		78	78	76
ENERGY GWH	99.6	34.4	34.3	30.9
--GAVINS POINT - SIOUX CITY--				
NAT INFLOW	120	24	28	68
DEPLETION	36	11	12	13
REGULATED FLOW AT SIOUX CITY				
KAF	2404	811	814	779
KCFS		13.2	13.2	14.0
--TOTAL--				
NAT INFLOW	1956	504	592	860
DEPLETION	-29	-85	1	55
CHAN STOR	-41	-36	-8	3
EVAPORATION	192	192		
STORAGE	43151	42701	42470	42499
SYSTEM POWER				
AVE POWER MW		708	761	769
PEAK POW MW		1989	2007	2018
ENERGY GWH	1609.0	526.5	565.9	516.6
DAILY GWH		17.0	18.3	18.5

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--FORT PECK--																
NAT INFLOW 9600	319	149	192	797	1604	2491	1219	456	379	531	210	98	112	346	297	400
DEPLETION 268	-31	-15	-19	69	291	489	164	-96	-105	-51	-20	-9	-11	-116	-150	-122
EVAPORATION 312							20	65	82	72	17	8	9	38		
MOD INFLOW 9020	351	164	210	728	1313	2002	1035	487	402	510	213	99	113	424	447	522
RELEASE 4597	149	56	71	238	338	476	492	492	327	245	118	55	95	492	492	460
STOR CHANGE 4423	202	108	139	490	975	1526	543	-5	75	265	94	44	18	-68	-45	62
STORAGE 11113	11315	11423	11562	12052	13027	14553	15096	15091	15166	15431	15525	15569	15587	15519	15474	15536
ELEV FTMSL 2213.3	2214.5	2215.1	2215.9	2218.7	2224.1	2231.9	2234.5	2234.4	2234.8	2236.0	2236.5	2236.7	2236.7	2236.4	2236.2	2236.5
DISCH KCFS 13.0	5.0	4.0	4.0	4.0	5.5	8.0	8.0	8.0	5.5	4.0	4.0	4.0	6.0	8.0	8.0	8.0
POWER																
AVE POWER MW	63	51	51	51	72	107	109	109	75	55	55	55	83	110	110	110
PEAK POW MW	144	145	146	149	155	161	163	163	163	164	164	164	164	164	164	164
ENERGY GWH 751.4	22.7	8.5	11.0	37.0	53.5	77.0	80.9	81.2	54.2	40.6	19.7	9.2	15.8	81.8	81.7	76.4
--GARRISON--																
NAT INFLOW 14199	515	240	309	1376	1934	3530	2647	841	574	652	260	121	139	278	348	434
DEPLETION 1213	33	16	20	9	268	919	545	53	-121	-3	-98	-46	-52	-132	-116	-83
CHAN STOR 54	85	11			-16	-26			25	15		0	-20	-20		
EVAPORATION 336							22	70	89	78	19	9	10	40		
REG INFLOW 17301	716	291	360	1605	1988	3061	2572	1209	958	837	457	213	256	842	956	977
RELEASE 13886	476	208	268	1071	1291	1339	1353	1322	952	843	408	190	286	1230	1383	1265
STOR CHANGE 3415	240	83	93	534	697	1722	1219	-113	6	-6	49	23	-30	-388	-428	-288
STORAGE 13366	13607	13689	13782	14316	15013	16735	17955	17842	17848	17842	17892	17915	17885	17497	17069	16781
ELEV FTMSL 1820.4	1821.3	1821.6	1822.0	1824.1	1826.7	1832.9	1837.0	1836.6	1836.6	1836.6	1836.8	1836.9	1836.8	1835.5	1834.0	1833.0
DISCH KCFS 24.0	16.0	15.0	15.0	18.0	21.0	22.5	22.0	21.5	16.0	13.7	13.7	13.7	18.0	20.0	22.5	22.0
POWER																
AVE POWER MW	179	169	169	205	242	267	270	267	199	171	171	171	224	247	275	267
PEAK POW MW	330	331	332	338	346	364	376	375	375	375	375	376	375	372	367	364
ENERGY GWH 2026.0	64.6	28.4	36.6	147.3	180.0	192.0	200.6	198.4	143.2	127.0	61.5	28.7	43.0	183.9	204.8	186.0
--OAHE--																
NAT INFLOW 3850	559	261	335	474	347	881	297	123	163	102	109	51	58	22	10	59
DEPLETION 570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR 11	38	5	0	-13	-13	-6	2	2	23	10	0	0	-18	-8	-10	2
EVAPORATION 325							22	69	86	74	18	8	9	39		
REG INFLOW 16853	1051	463	590	1487	1563	2093	1492	1288	1029	888	498	232	315	1193	1368	1302
RELEASE 12490	254	158	211	694	1069	1156	1423	1508	1467	976	469	218	194	1079	945	670
STOR CHANGE 4363	797	305	378	793	494	938	69	-220	-437	-89	29	14	121	114	423	632
STORAGE 14003	14800	15105	15483	16276	16771	17708	17778	17558	17120	17032	17061	17075	17196	17311	17734	18366
ELEV FTMSL 1590.0	1593.2	1594.4	1595.8	1598.8	1600.5	1603.8	1604.0	1603.3	1601.8	1601.5	1601.6	1601.6	1602.0	1602.4	1603.9	1606.0
DISCH KCFS 15.2	8.5	11.4	11.8	11.7	17.4	19.4	23.1	24.5	24.6	15.9	15.8	15.7	12.2	17.5	15.4	11.6
POWER																
AVE POWER MW	102	137	144	143	216	244	293	310	310	199	198	197	154	221	194	149
PEAK POW MW	637	643	650	664	674	691	692	688	680	678	679	679	681	684	691	702
ENERGY GWH 1896.5	36.6	23.0	31.0	103.0	160.4	175.8	218.1	230.8	223.1	148.2	71.2	33.1	29.5	164.2	144.7	103.7
--BIG BEND--																
EVAPORATION 71							5	15	19	16	4	2	2	9		
REG INFLOW 12419	254	158	211	694	1069	1156	1418	1493	1448	960	465	216	192	1070	945	670
RELEASE 12419	254	158	211	694	1069	1156	1418	1493	1448	960	465	216	192	1070	945	670
STORAGE 1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL 1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS 15.2	8.5	11.4	11.8	11.7	17.4	19.4	23.1	24.3	24.3	15.6	15.6	15.6	12.1	17.4	15.4	11.6
POWER																
AVE POWER MW	40	53	55	55	81	91	108	114	115	77	79	78	61	86	75	56
PEAK POW MW	517	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH 717.7	14.6	9.0	12.0	39.3	60.5	65.5	80.3	84.6	83.1	57.1	28.3	13.2	11.7	64.0	55.7	38.9
--FORT RANDALL--																
NAT INFLOW 1501	190	89	114	298	159	224	111	72	92	60	5	2	3	23	10	49
DEPLETION 80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION 82							6	19	24	19	4	2	2	8		
REG INFLOW 13759	443	246	325	988	1219	1368	1505	1531	1510	1001	465	216	193	1083	952	716
RELEASE 13759	152	112	325	988	1219	1368	1505	1531	1654	1626	779	364	215	717	695	512
STOR CHANGE 0	291	134					0	0	-144	-625	-314	-147	-22	366	257	204
STORAGE 3124	3415	3549	3549	3549	3549	3549	3549	3549	3405	2780	2466	2319	2297	2663	2920	3124
ELEV FTMSL 1350.0	1353.6	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.3	1340.4	1337.9	1337.5	1343.5	1347.2	1350.0
DISCH KCFS 9.5	5.1	8.1	18.2	16.6	19.8	23.0	24.5	24.9	27.8	26.4	26.2	26.2	13.5	11.7	11.3	8.9
POWER																
AVE POWER MW	42	68	154	141	168	194	206	210	232	212	198	192	99	87	89	72
PEAK POW MW	350	355	355	355	355	355	355	355	349	319	297	285	284	311	328	338
ENERGY GWH 1363.5	15.3	11.5	33.3	101.3	124.7	139.6	153.5	156.1	167.1	157.7	71.4	32.2	18.9	65.0	65.8	50.0
--GAVINS POINT--																
NAT INFLOW 2252	107	50	64	246	319	281	211	170	135	157	60	28	32	95	106	191
DEPLETION 114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR 0	8	-6	-19	3	-6	-6	-3	-1	-5	3	0	0	23	3	1	4
EVAPORATION 26							2	5	7	6	1	1	1	3		
REG INFLOW 15871	268	156	370	1232	1513	1619	1672	1685	1781	1777	833	389	267	802	800	707
RELEASE 15871	268	156	370	1232	1513	1619	1672	1672	1755	1777	833	389	267	802	800	746
STOR CHANGE								13	26							-39
STORAGE 358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL 1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS 13.0	9.0	11.3	20.7	20.7	24.6	27.2	27.2	27.2	29.5	28.9	28.0	28.0	16.8	13.0	13.0	13.0
POWER																
AVE POWER MW	32	40	71	71	84	93	93	93	102	101	98	98	59	46	46	46
PEAK POW MW	114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH 664.5	11.4	6.6	15.4	51.4	62.7	66.8	69.0	69.3	73.1	75.1	35.3	16.5	11.4	34.4	34.4	31.8
--GAVINS POINT - SIOUX CITY--																
NAT INFLOW 3100	195	91	117	1006	553	318	246	184	127	66	26	12	14	30	12	105
DEPLETION 241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																
KAF 18730	456	245	483	2218	2032	1908	1882	1823	1860	1834	854	398	278	821	800	838
KCFS	15.3	17.6	27.1	37.3	33.0	32.1	30.6	29.7	31.3	29.8	28.7	28.7	17.5	13.3	13.0	14.6
--TOTAL--																
NAT INFLOW 34502	1885	879	1131	4197	4916	7725	4731	1846	1470	1568	670	312	357	794	783	1238
DEPLETION 2486	30	14	18	152	683	1593	940	105	-179	-49	-105	-49	-56	-213	-235	-164
CHAN STOR 66	132	10	-19	-10	-35	-38	-1	1	42	27	0	0	-14	-25	-10	7
EVAPORATION 1151							76	243	305	265	63	29	33	137		
STORAGE 43646	45176	45806	46416	48233	50400	54586	56417	56093	55619	55164	55023	54957	55045	55069	55277	55847
SYSTEM POWER																
AVE POWER MW	459	518	645	666	863	995	1079	1103	1033	814	798	791	679	798	789	700
PEAK POW MW	2092	2097	2106	2130	2153	2194	2209	2205	2201	2191	2170	2159	2160	2147	2167	2174
ENERGY GWH 7419.5	165.1	87.0	139.3	479.2	641.8	716.6	802.4	820.5	743.8	605.8	287.3	132.9	130.4	593.4	587.2	486.9
DAILY GWH	11.0	12.4	15.5	16.0	20.7	23.9	25.9	26.5	24.8	19.5	19.2	19.0	16.3	19.1	18.9	16.8

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 29FEB

28FEB03			2003								2004					
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	8901	296	138	178	739	1487	2309	1130	423	351	492	195	91	104	321	276	371
DEPLETION	215	-31	-15	-19	69	291	489	139	-95	-105	-73	-27	-12	-14	-125	-150	-107
EVAPORATION	330							19	62	79	69	32	15	17	37		
MOD INFLOW	8356	328	153	196	670	1196	1820	972	456	377	496	190	89	101	409	426	478
RELEASE	4869	149	56	71	238	369	536	553	553	303	259	125	58	95	492	523	489
STOR CHANGE	3487	179	97	125	432	827	1284	418	-98	75	237	65	30	6	-83	-97	-11
STORAGE	11113	11292	11389	11514	11946	12773	14058	14476	14378	14453	14690	14754	14784	14790	14707	14611	14600
ELEV FTMSL	2213.3	2214.3	2214.9	2215.6	2218.1	2222.7	2229.4	2231.5	2231.0	2231.4	2232.5	2232.8	2233.0	2233.0	2232.6	2232.2	2232.1
DISCH KCFS	13.0	5.0	4.0	4.0	4.0	6.0	9.0	9.0	9.0	5.1	4.2	4.2	4.2	6.0	8.0	8.5	8.5
POWER																	
AVE POWER MW		63	51	51	51	78	120	121	122	69	57	57	57	82	109	115	115
PEAK POW MW		144	145	145	148	153	159	160	160	160	161	161	161	162	161	161	161
ENERGY GWH	788.8	22.7	8.5	11.0	36.9	58.1	86.1	90.2	90.5	49.6	42.5	20.6	9.6	15.7	80.8	85.8	80.2
--GARRISON--																	
NAT INFLOW	12901	482	225	289	1250	1723	3207	2405	764	522	593	236	110	126	260	316	394
DEPLETION	1206	34	16	20	9	310	907	514	51	-121	-2	-94	-44	-50	-138	-120	-87
CHAN STOR	48	85	11			-21	-31			39	9			-18	-20	-5	0
EVAPORATION	354							21	68	85	74	34	16	18	39		
REG INFLOW	16258	682	275	340	1479	1761	2804	2423	1199	900	788	421	197	235	831	954	970
RELEASE	13890	476	208	268	1071	1261	1339	1353	1322	1015	827	400	187	286	1230	1383	1265
STOR CHANGE	2368	206	67	72	408	500	1465	1071	-123	-116	-38	21	10	-51	-399	-430	-296
STORAGE	13366	13572	13639	13711	14119	14619	16085	17155	17032	16916	16878	16899	16909	16858	16459	16029	15734
ELEV FTMSL	1820.4	1821.2	1821.4	1821.7	1823.3	1825.2	1830.6	1834.3	1833.9	1833.5	1833.4	1833.4	1833.5	1833.3	1831.9	1830.4	1829.3
DISCH KCFS	24.0	16.0	15.0	15.0	18.0	20.5	22.5	22.0	21.5	17.1	13.4	13.4	13.4	18.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		179	169	169	204	235	263	265	262	208	164	164	164	219	242	269	261
PEAK POW MW		330	331	331	336	342	357	368	367	366	365	366	366	365	361	357	354
ENERGY GWH	1995.1	64.5	28.4	36.5	146.8	174.5	189.7	197.4	195.1	149.9	122.1	59.1	27.6	42.0	179.9	200.2	181.6
--OAHE--																	
NAT INFLOW	3200	460	214	276	394	285	749	246	103	135	85	91	42	48	18	5	49
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	11	38	5	0	-14	-11	-9	2	2	19	16	0		-20	-9	-11	2
EVAPORATION	340							21	66	82	71	32	15	17	37		
REG INFLOW	16192	952	417	530	1406	1472	1959	1442	1271	1065	864	457	213	296	1191	1363	1292
RELEASE	12927	434	70	249	792	1140	1228	1477	1541	1430	933	451	209	198	1093	948	734
STOR CHANGE	3264	518	347	282	614	332	731	-35	-269	-365	-69	6	5	98	98	414	557
STORAGE	14003	14521	14868	15150	15764	16096	16827	16792	16522	16158	16089	16095	16099	16198	16296	16710	17267
ELEV FTMSL	1590.0	1592.1	1593.5	1594.5	1596.9	1598.1	1600.7	1600.6	1599.7	1598.3	1598.1	1598.1	1598.1	1598.5	1598.8	1600.3	1602.3
DISCH KCFS	15.2	14.6	5.1	13.9	13.3	18.5	20.6	24.0	25.1	24.0	15.2	15.2	15.0	12.5	17.8	15.4	12.8
POWER																	
AVE POWER MW		173	61	168	162	227	255	299	311	296	187	187	185	154	219	191	160
PEAK POW MW		631	638	643	655	661	675	674	669	662	661	661	661	663	665	672	683
ENERGY GWH	1928.7	62.2	10.2	36.2	116.5	169.1	183.9	222.5	231.3	213.3	139.0	67.2	31.1	29.5	163.1	142.4	111.4
--BIG BEND--																	
EVAPORATION	78							5	15	19	16	7	3	4	9		
REG INFLOW	12850	434	70	249	792	1140	1228	1473	1526	1411	916	444	205	194	1084	948	734
RELEASE	12850	434	70	249	792	1140	1228	1473	1526	1411	916	444	205	194	1084	948	734
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	15.2	14.6	5.1	13.9	13.3	18.5	20.6	23.9	24.8	23.7	14.9	14.9	14.8	12.2	17.6	15.4	12.8
POWER																	
AVE POWER MW		68	24	65	62	87	97	112	116	112	73	75	75	62	87	75	61
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	741.9	24.6	4.0	14.1	44.9	64.6	69.6	83.4	86.4	80.9	54.5	27.0	12.5	11.8	64.8	56.0	42.7
--FORT RANDALL--																	
NAT INFLOW	1200	142	66	85	239	150	195	89	65	64	38	3	1	1	18	5	39
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	88							6	19	24	19	7	3	3	8		
REG INFLOW	13882	575	136	333	1027	1281	1411	1538	1557	1444	935	438	203	192	1092	950	770
RELEASE	13882	167	119	333	1027	1281	1411	1538	1557	1588	1565	748	349	213	726	713	546
STOR CHANGE	0	408	17					0	0	-144	-630	-310	-147	-22	366	237	224
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2775	2465	2319	2297	2663	2900	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.2	1340.4	1337.9	1337.5	1343.5	1347.0	1350.0
DISCH KCFS	9.5	5.6	8.5	18.6	17.3	20.8	23.7	25.0	25.3	26.7	25.4	25.1	25.2	13.4	11.8	11.6	9.5
POWER																	
AVE POWER MW		47	73	158	146	176	200	211	213	223	204	190	184	98	88	91	77
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	297	285	284	311	327	338
ENERGY GWH	1376.4	16.9	12.2	34.1	105.3	131.0	144.0	156.8	158.7	160.7	151.9	68.6	31.0	18.8	65.8	67.5	53.3
--GAVINS POINT--																	
NAT INFLOW	1899	93	44	56	207	257	237	178	144	114	132	51	24	27	86	89	161
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	7	-6	-19	3	-7	-6	-2	-1	-3	2	1	0	22	3	0	4
EVAPORATION	28							2	5	7	6	3	1	1	3		
REG INFLOW	15637	268	157	370	1232	1513	1619	1672	1685	1698	1691	791	369	258	801	802	711
RELEASE	15637	268	157	370	1232	1513	1619	1672	1672	1672	1691	791	369	258	801	802	750
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	11.3	20.7	20.7	24.6	27.2	27.2	27.2	28.1	27.5	26.6	26.6	16.3	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	40	71	71	84	93	93	93	97	96	93	93	58	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	655.5	11.4	6.7	15.4	51.4	62.7	66.8	69.0	69.3	70.2	71.6	33.6	15.7	11.0	34.4	34.4	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	2500	181	85	109	811	406	252	199	148	97	53	21	10	11	24	10	84
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	17896	444	239	475	2023	1885	1842	1835	1787	1747	1735	807	377	266	814	800	821
KCFS		14.9	17.2	26.6	34.0	30.6	30.9	29.9	29.1	29.4	28.2	27.1	27.1	16.8	13.2	13.0	14.3
--TOTAL--																	
NAT INFLOW	30601	1654	772	992	3640	4308	6949	4247	1647	1283	1393	595	278	317	727	701	1098
DEPLETION	2426	31	14	19	152	725	1581	884	104	-179	-70	-108	-50	-57	-228	-239	-153
CHAN STOR	59	131	10	-19	-11	-39	-46	0	2	56	27	1	0	-16	-26	-16	6
EVAPORATION	1218							74	235	294	255	114	53	61	132		
STORAGE	43646	44957	45485	45964	47418	49077	52558	54012	53534	53011	52511	52292	52190	52222	52205	52330	52765
SYSTEM POWER																	
AVE POWER MW		562	416	682	697	887	1028	1101	1117	1006	782	767	759	672	791	788	720
PEAK POW MW		2084	2092	2099	2118	2134	2169	2181	2175	2172	2161	2139	2129	2128	2114	2133	2140
ENERGY GWH	7486.4	202.4	69.9	147.3	501.6	659.9	739.9	819.3	831.3	724.5	581.6	276.1	127.4	128.9	588.9	586.2	501.2
DAILY GWH		13.5	10.0	16.4	16.7	21.3	24.7	26.4	26.8	24.1	18.8	18.4	18.2	16.1	19.0	18.9	17.3
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB

DATE OF STUDY 01/10/03

TIME OF STUDY 09:49:25

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CWCP, STEADY RELEASE, 5-DAY SHORTENED SEASON STUDY NO 6
VALUES IN 1000 AF EXCEPT AS INDICATED

28FEB03		2003										2004			
INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																
NAT INFLOW 7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION 122	-3	-1	-2	70	304	316	138	-87	-99	-64	-33	-15	-17	-122	-149	-114
EVAPORATION 385							23	74	92	81	37	17	20	42		
MOD INFLOW 6893	267	125	160	558	906	1535	668	337	326	381	183	86	98	390	410	463
RELEASE 5917	179	69	89	357	492	595	615	615	380	294	143	97	127	615	646	604
STOR CHANGE 976	89	55	71	201	414	940	53	-278	-54	87	41	-12	-29	-225	-236	-141
STORAGE 10937	11026	11081	11152	11353	11767	12707	12760	12482	12428	12515	12555	12544	12515	12290	12054	11913
ELEV FTMSL 2212.2	2212.8	2213.1	2213.5	2214.7	2217.1	2222.3	2222.6	2221.1	2220.8	2221.3	2221.5	2221.4	2221.3	2220.0	2218.7	2217.9
DISCH KCFS 11.0	6.0	5.0	5.0	6.0	8.0	10.0	10.0	10.0	6.4	4.8	4.8	7.0	8.0	10.0	10.5	10.5
POWER																
AVE POWER MW	75	63	63	76	102	129	130	130	83	63	63	91	104	129	133	133
PEAK POW MW	142	143	143	144	147	153	153	151	151	152	152	152	152	150	149	148
ENERGY GWH 920.4	27.1	10.6	13.6	54.6	75.7	92.7	97.1	96.8	59.9	46.5	22.6	15.4	20.0	96.2	99.3	92.4
--GARRISON--																
NAT INFLOW 11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION 1503	50	23	30	129	277	828	556	81	-89	34	-92	-43	-49	-102	-80	-51
CHAN STOR 6	54	11		-11	-21	-21			37	16	0	-23	-10	-21	-5	
EVAPORATION 449							27	86	108	94	42	20	23	49		
REG INFLOW 14971	651	276	341	1070	1617	2704	2098	1029	895	637	384	187	245	901	957	981
RELEASE 13767	476	208	268	1041	1199	1339	1353	1322	943	801	388	236	286	1230	1383	1294
STOR CHANGE 1205	175	67	73	29	418	1365	745	-293	-48	-164	-4	-49	-40	-329	-426	-313
STORAGE 13151	13326	13394	13467	13496	13913	15278	16023	15730	15682	15518	15514	15465	15424	15095	14669	14356
ELEV FTMSL 1819.5	1820.2	1820.5	1820.8	1820.9	1822.5	1827.7	1830.4	1829.3	1829.2	1828.6	1828.5	1828.4	1828.2	1827.0	1825.4	1824.2
DISCH KCFS 23.0	16.0	15.0	15.0	17.5	19.5	22.5	22.0	21.5	15.8	13.0	13.0	17.0	18.0	20.0	22.5	22.5
POWER																
AVE POWER MW	178	168	168	196	219	259	260	255	188	154	154	200	212	234	260	258
PEAK POW MW	327	328	329	329	334	349	357	354	353	351	351	351	350	347	342	339
ENERGY GWH 1929.5	64.1	28.2	36.3	141.1	163.2	186.1	193.1	189.8	135.3	114.9	55.5	33.7	40.7	174.1	193.8	179.6
--OAHE--																
NAT INFLOW 2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION 570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR 3	33	5	0	-12	-9	-14	2	2	26	13		-19	-5	-9	-12	
EVAPORATION 404							25	78	97	83	38	18	20	44		
REG INFLOW 15096	804	350	445	1349	1364	1894	1354	1189	967	752	353	201	263	1145	1357	1309
RELEASE 13878	337	196	261	977	1323	1478	1761	1773	1387	912	275	214	111	961	972	939
STOR CHANGE 1218	468	154	184	372	41	416	-407	-585	-420	-160	78	-12	152	184	384	370
STORAGE 13767	14234	14388	14572	14944	14985	15401	14994	14409	13989	13829	13907	13895	14047	14230	14615	14985
ELEV FTMSL 1589.0	1590.9	1591.6	1592.3	1593.8	1593.9	1595.5	1593.9	1591.6	1589.9	1589.3	1589.6	1589.6	1590.2	1590.9	1592.5	1593.9
DISCH KCFS 15.7	11.3	14.2	14.6	16.4	21.5	24.8	28.6	28.8	23.3	14.8	9.3	15.4	7.0	15.6	15.8	16.3
POWER																
AVE POWER MW	133	168	174	196	258	299	344	343	275	174	109	181	82	184	188	195
PEAK POW MW	626	629	632	639	640	648	640	629	621	617	619	619	622	625	633	640
ENERGY GWH 1999.4	48.0	28.2	37.5	141.4	192.0	215.3	256.2	255.2	197.8	129.6	39.1	30.3	15.8	137.2	139.7	136.0
--BIG BEND--																
EVAPORATION 103							6	20	25	22	10	5	5	11		
REG INFLOW 13775	337	196	261	977	1323	1478	1755	1754	1362	891	265	209	106	950	972	939
RELEASE 13775	337	196	261	977	1323	1478	1755	1754	1362	891	265	209	106	950	972	939
STORAGE 1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL 1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS 15.7	11.3	14.2	14.6	16.4	21.5	24.8	28.5	28.5	22.9	14.5	8.9	15.1	6.7	15.4	15.8	16.3
POWER																
AVE POWER MW	54	66	68	77	101	116	134	133	108	71	45	76	34	77	78	78
PEAK POW MW	517	509	509	509	509	509	509	509	518	538	538	538	538	538	538	529
ENERGY GWH 794.5	19.3	11.1	14.8	55.3	74.9	83.7	99.4	99.3	78.0	53.0	16.3	12.8	6.5	57.6	57.9	54.5
--FORT RANDALL--																
NAT INFLOW 900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION 80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION 116							8	25	31	25	9	4	4	10		
REG INFLOW 14477	458	253	333	1088	1454	1651	1803	1770	1366	867	256	205	102	947	969	955
RELEASE 14477	167	119	333	1088	1454	1651	1803	1770	1530	1484	705	227	102	744	719	581
STOR CHANGE 0	291	134			0		0	0	-164	-617	-449	-22	0	203	250	374
STORAGE 3124	3415	3549	3549	3549	3549	3549	3549	3549	3385	2768	2319	2297	2297	2500	2750	3124
ELEV FTMSL 1350.0	1353.6	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.2	1345.1	1337.9	1337.5	1337.5	1341.0	1344.8	1350.0
DISCH KCFS 10.0	5.6	8.6	18.7	18.3	23.6	27.7	29.3	28.8	25.7	24.1	23.7	16.3	6.5	12.1	11.7	10.1
POWER																
AVE POWER MW	47	73	158	155	199	233	246	242	215	193	178	119	47	90	90	81
PEAK POW MW	350	355	355	355	355	355	355	355	349	318	285	284	283	300	317	338
ENERGY GWH 1435.3	16.8	12.2	34.1	111.4	148.4	168.0	183.3	180.1	154.7	143.9	63.9	20.0	9.1	66.7	66.7	56.1
--GAVINS POINT--																
NAT INFLOW 1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION 114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR -1	8	-6	-19	1	-10	-8	-3	1	6	3	1	14	18	-10	1	3
EVAPORATION 38							2	7	9	8	4	2	2	4		
REG INFLOW 15774	268	157	370	1232	1599	1785	1845	1858	1609	1599	747	260	143	796	798	711
RELEASE 15774	268	157	370	1232	1599	1785	1845	1845	1583	1599	747	260	143	796	798	750
STOR CHANGE								13	26							-39
STORAGE 358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL 1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS 13.0	9.0	11.3	20.7	20.7	26.0	30.0	30.0	30.0	26.6	26.0	25.1	18.7	9.0	13.0	13.0	13.0
POWER																
AVE POWER MW	32	40	71	71	89	101	101	101	92	91	88	66	32	46	46	46
PEAK POW MW	114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH 657.9	11.4	6.6	15.4	51.4	66.1	72.6	75.1	75.4	66.6	67.8	31.7	11.1	6.2	34.2	34.3	32.0
--GAVINS POINT - SIOUX CITY--																
NAT INFLOW 1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION 241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																
KAF 17083	432	233	468	1411	1875	1980	1938	1908	1621	1632	758	265	149	806	791	819
KCFS	14.5	16.8	26.2	23.7	30.5	33.3	31.5	31.0	27.2	26.5	25.5	19.1	9.4	13.1	12.9	14.2
--TOTAL--																
NAT INFLOW 24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION 2630	76	35	46	273	705	1329	925	142	-141	-25	-112	-52	-60	-189	-198	-124
CHAN STOR 7	95	10	-19	-21	-41	-43	-1	3	69	33	-1	-29	4	-41	-16	3
EVAPORATION 1496							92	290	362	313	139	65	74	161		
STORAGE 43019	44041	44452	44779	45381	46254	48975	49366	48223	47563	46708	46374	46279	46361	46194	46167	46418
SYSTEM POWER																
AVE POWER MW	518	577	703	771	968	1137	1215	1205	962	747	636	733	512	761	795	791
PEAK POW MW	2076	2077	2082	2091	2100	2128	2129	2113	2108	2093	2062	2060	2062	2038	2057	2070
ENERGY GWH 7736.8	186.7	96.9	151.8	555.2	720.3	818.5	904.1	896.5	692.3	555.8	229.1	123.2	98.2	566.1	591.7	550.6
DAILY GWH	12.4	13.8	16.9	18.5	23.2	27.3	29.2	28.9	23.1	17.9	15.3	17.6	12.3	18.3	19.1	19.0

INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB

	28FEB03	2003											2004			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	6000	242	113	145	525	925	1454	633	263	252	324	167	78	89	295	212	283
DEPLETION	114	15	7	9	73	206	171	173	-25	-91	-61	-28	-13	-15	-102	-117	-88
EVAPORATION	456							28	88	109	95	43	20	23	49		
MOD INFLOW	5430	227	106	136	452	719	1283	432	200	234	290	152	71	81	348	329	371
RELEASE	5899	149	69	89	357	461	595	615	615	375	265	128	97	127	615	707	633
STOR CHANGE	-468	78	36	47	95	258	688	-183	-415	-142	24	23	-26	-46	-267	-378	-262
STORAGE	10783	10861	10898	10945	11040	11298	11986	11802	11388	11246	11271	11294	11268	11222	10955	10576	10315
ELEV FTMSL	2211.3	2211.8	2212.0	2212.3	2212.8	2214.4	2218.3	2217.3	2214.9	2214.1	2214.2	2214.3	2214.2	2213.9	2212.3	2210.1	2208.5
DISCH KCFS	9.5	5.0	5.0	5.0	6.0	7.5	10.0	10.0	10.0	6.3	4.3	4.3	7.0	8.0	10.0	11.5	11.0
POWER																	
AVE POWER MW		62	63	63	75	94	127	128	126	80	55	55	88	101	124	136	131
PEAK POW MW		141	141	142	142	144	149	147	145	144	144	144	144	144	142	139	137
ENERGY GWH	887.7	22.5	10.5	13.5	54.2	70.2	91.1	94.9	94.0	57.5	40.6	19.7	14.9	19.4	92.5	101.4	90.8
--GARRISON--																	
NAT INFLOW	9400	443	207	266	712	1197	2521	1765	496	417	400	164	76	87	222	165	262
DEPLETION	1276	24	11	15	58	133	547	446	93	-61	73	-49	-23	-26	-6	13	27
CHAN STOR	-16	48			-11	-16	-27			39	21		-28	-11	-21	-16	5
EVAPORATION	534							33	103	129	112	50	23	27	57		
REG INFLOW	13473	616	265	341	1000	1509	2542	1901	914	763	502	290	145	203	765	843	873
RELEASE	14040	476	208	268	1041	1291	1398	1414	1383	897	751	363	236	286	1230	1445	1352
STOR CHANGE	-567	140	57	73	-41	218	1144	487	-469	-134	-249	-73	-92	-83	-465	-602	-479
STORAGE	12978	13118	13175	13248	13207	13425	14569	15056	14586	14452	14204	14131	14039	13956	13491	12889	12411
ELEV FTMSL	1818.8	1819.4	1819.6	1819.9	1819.7	1820.6	1825.0	1826.9	1825.1	1824.6	1823.6	1823.4	1823.0	1822.7	1820.9	1818.4	1816.5
DISCH KCFS	22.5	16.0	15.0	15.0	17.5	21.0	23.5	23.0	22.5	15.1	12.2	12.2	17.0	18.0	20.0	23.5	23.5
POWER																	
AVE POWER MW		177	167	167	195	234	266	266	260	174	140	140	194	204	225	260	256
PEAK POW MW		324	325	326	326	328	341	346	341	340	337	336	335	334	329	322	316
ENERGY GWH	1914.9	63.8	28.0	36.1	140.1	173.7	191.3	197.7	193.5	125.2	104.4	50.3	32.5	39.2	167.4	193.4	178.2
--OAHE--																	
NAT INFLOW	1449	154	72	92	229	130	577	102	24	65	9				-35	-6	36
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	-6	31	5	0	-12	-17	-12	2	2	37	14		-25	-5	-10	-18	
EVAPORATION	461							30	91	111	95	42	20	23	49		
REG INFLOW	14452	639	275	347	1213	1343	1843	1351	1229	865	686	319	191	257	1124	1406	1363
RELEASE	15034	373	251	369	1237	1550	1552	1818	1818	1345	993	449	223	116	1147	1012	781
STOR CHANGE	-582	266	24	-22	-23	-208	291	-467	-589	-480	-307	-129	-32	141	-23	394	582
STORAGE	13574	13840	13863	13842	13818	13611	13902	13435	12846	12366	12059	11930	11898	12039	12016	12410	12992
ELEV FTMSL	1588.2	1589.3	1589.4	1589.3	1589.2	1588.4	1589.6	1587.6	1585.1	1583.0	1581.6	1581.0	1580.9	1581.5	1581.4	1583.2	1585.8
DISCH KCFS	16.6	12.6	18.1	20.7	20.8	25.2	26.1	29.6	29.6	22.6	16.2	15.1	16.1	7.3	18.7	16.5	13.6
POWER																	
AVE POWER MW		147	212	242	243	294	304	343	339	256	182	169	179	82	209	185	155
PEAK POW MW		618	618	618	617	613	619	609	596	585	577	574	573	577	576	586	599
ENERGY GWH	2087.0	52.8	35.6	52.2	175.0	218.4	218.8	255.4	252.1	184.5	135.1	60.7	30.1	15.8	155.2	137.6	107.7
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	14905	373	251	369	1237	1550	1552	1810	1793	1314	966	436	218	110	1133	1012	781
RELEASE	14905	373	251	369	1237	1550	1552	1810	1793	1314	966	436	218	110	1133	1012	781
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.6	12.6	18.1	20.7	20.8	25.2	26.1	29.4	29.2	22.1	15.7	14.7	15.7	6.9	18.4	16.5	13.6
POWER																	
AVE POWER MW		59	85	97	97	118	122	138	137	105	78	74	79	35	91	80	65
PEAK POW MW		517	510	509	509	509	509	509	509	523	538	538	538	538	538	538	529
ENERGY GWH	859.3	21.4	14.3	20.9	70.1	87.8	87.9	102.5	101.6	75.5	58.1	26.6	13.3	6.7	67.7	59.6	45.4
--FORT RANDALL--																	
NAT INFLOW	500	68	32	41	64	51	130	26	49	23	1				5	-5	15
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	144							10	32	39	29	11	5	5	13		
REG INFLOW	15182	440	282	409	1297	1592	1670	1808	1796	1291	937	424	212	105	1122	1004	793
RELEASE	15182	167	148	392	1297	1592	1670	1808	1796	1606	1571	709	230	104	756	732	604
STOR CHANGE	0	274	134	17				0	0	-315	-634	-285	-18	0	366	272	189
STORAGE	3124	3398	3532	3549	3549	3549	3549	3549	3549	3234	2600	2315	2297	2297	2663	2935	3124
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.4	1342.6	1337.8	1337.5	1337.5	1343.5	1347.5	1350.0
DISCH KCFS	10.5	5.6	10.7	21.9	21.8	25.9	28.1	29.4	29.2	27.0	25.5	23.8	16.6	6.6	12.3	11.9	10.5
POWER																	
AVE POWER MW		47	90	185	184	218	236	247	245	224	201	177	121	48	92	93	85
PEAK POW MW		349	354	355	355	355	355	355	355	342	306	285	284	283	311	329	338
ENERGY GWH	1503.3	16.7	15.1	40.0	132.5	162.2	170.0	183.8	182.6	161.0	149.4	63.6	20.3	9.3	68.6	69.4	59.0
--GAVINS POINT--																	
NAT INFLOW	1251	91	43	55	124	138	143	81	80	58	105	47	22	25	70	68	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-8	-4	-3	0	4	3	3	13	19	-11	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	16271	268	181	425	1416	1703	1785	1845	1858	1662	1666	750	261	143	800	799	708
RELEASE	16271	268	181	425	1416	1703	1785	1845	1845	1636	1666	750	261	143	800	799	747
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	27.7	30.0	30.0	30.0	27.5	27.1	25.2	18.8	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	94	101	101	101	95	95	88	66	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	677.8	11.4	7.7	17.6	58.7	70.2	72.6	75.1	75.4	68.7	70.6	31.8	11.1	6.2	34.4	34.3	31.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	900	115	54	69	90	174	125	75	56	35	24	13	6	7	13	-3	48
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16930	377	232	491	1486	1843	1881	1884	1868	1649	1681	757	265	147	802	784	782
KCFS		12.7	16.7	27.5	25.0	30.0	31.6	30.6	30.4	27.7	27.3	25.5	19.1	9.3	13.0	12.8	13.6
--TOTAL--																	
NAT INFLOW	19500	1114	520	668	1744	2615	4950	2682	968	850	863	390	182	208	570	431	745
DEPLETION	2395	68	32	41	205	463	903	850	216	-105	17	-64	-30	-34	-73	-73	-20
CHAN STOR	-23	89	-5	-22	-22	-41	-43	0	3	80	38	3	-40	4	-42	-33	8
EVAPORATION	1770							111	347	430	368	163	76	86	188		
STORAGE	42499	43257	43508	43623	43654	43922	46045	45882	44422	43378	42212	41748	41580	41593	41204	40890	40882
SYSTEM POWER																	
AVE POWER MW		524	661	835	876	1052	1155	1222	1209	934	750	702	727	502	787	801	737
PEAK POW MW		2064	2064	2064	2063	2064	2087	2081	2061	2051	2019	1994	1991	1993	1974	1992	1995
ENERGY GWH	7929.8	188.6	111.1	180.3	630.6	782.6	831.8	909.3	899.2	672.4	558.2	252.7	122.1	96.4	585.8	595.8	512.9
DAILY GWH		12.6	15.9	20.0	21.0	25.2	27.7	29.3	29.0	22.4	18.0	16.8	17.5	12.1	18.9	19.2	17.7

28FEB03		2003											2004			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	5100	234	109	140	515	783	996	439	253	242	320	159	74	85	271	205	275
DEPLETION	42	15	7	9	73	206	171	100	-52	-122	-87	-25	-11	-13	-88	-83	-58
EVAPORATION	439							27	84	105	92	42	19	22	47		
MOD INFLOW	4619	219	102	131	442	577	825	312	221	259	315	141	66	76	312	288	333
RELEASE	6054	149	69	89	357	523	565	584	584	452	319	155	97	127	615	707	661
STOR CHANGE	-1435	70	33	42	85	54	260	-272	-364	-193	-4	-13	-31	-51	-303	-419	-328
STORAGE	10783	10854	10887	10929	11014	11068	11328	11056	10692	10499	10495	10482	10450	10399	10096	9677	9348
ELEV FTMSL	2211.3	2211.7	2211.9	2212.2	2212.7	2213.0	2214.5	2212.9	2210.8	2209.6	2209.6	2209.5	2209.3	2209.0	2207.1	2204.5	2202.3
DISCH KCFS	9.5	5.0	5.0	5.0	6.0	8.5	9.5	9.5	9.5	7.6	5.2	5.2	7.0	8.0	10.0	11.5	11.5
POWER																	
AVE POWER MW		62	63	63	75	106	119	119	118	94	64	64	86	98	121	132	130
PEAK POW MW		141	141	142	142	143	144	142	140	139	139	139	138	138	136	133	130
ENERGY GWH	893.2	22.5	10.5	13.5	54.1	79.2	86.0	88.9	88.1	67.6	47.8	23.1	14.5	18.9	89.9	98.1	90.4
--GARRISON--																	
NAT INFLOW	7299	270	126	162	700	903	2020	1277	361	277	390	161	75	86	108	160	223
DEPLETION	1115	24	11	15	58	133	547	361	64	-64	66	-53	-25	-28	-12	4	14
CHAN STOR	-22	48			-11	-27	-11			20	26	0	-19	-11	-22	-16	
EVAPORATION	506							31	98	122	106	48	22	25	54		
REG INFLOW	11710	443	184	237	988	1266	2028	1469	783	691	563	321	155	205	659	847	870
RELEASE	13453	476	208	268	952	1138	1339	1353	1322	891	745	361	236	286	1230	1383	1265
STOR CHANGE	-1743	-33	-24	-31	36	128	689	116	-539	-200	-182	-40	-81	-81	-570	-537	-395
STORAGE	12978	12945	12921	12890	12926	13054	13743	13859	13320	13120	12938	12898	12818	12737	12167	11630	11235
ELEV FTMSL	1818.8	1818.7	1818.6	1818.4	1818.6	1819.1	1821.9	1822.3	1820.2	1819.4	1818.6	1818.5	1818.1	1817.8	1815.4	1813.1	1811.4
DISCH KCFS	22.5	16.0	15.0	15.0	16.0	18.5	22.5	22.0	21.5	15.0	12.1	12.1	17.0	18.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		177	166	166	177	204	251	248	241	167	135	134	187	198	217	240	231
PEAK POW MW		322	322	322	322	324	332	333	327	324	322	322	321	320	313	306	301
ENERGY GWH	1788.8	63.6	27.8	35.8	127.1	151.9	180.4	184.3	179.1	120.1	100.1	48.3	31.4	37.9	161.5	178.4	160.9
--OAHE--																	
NAT INFLOW	1049	197	92	118	183	100	215	82	21	64	5	-5	-2	-3	-48	-12	41
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	1	31	5	0	-5	-12	-19	2	3	34	15		-26	-5	-11	-13	3
EVAPORATION	431							28	86	104	88	39	18	21	46		
REG INFLOW	13501	683	295	373	1085	1164	1414	1271	1169	861	684	315	189	256	1114	1343	1284
RELEASE	15289	382	270	379	1262	1573	1567	1836	1835	1381	1047	453	225	119	989	997	975
STOR CHANGE	-1788	302	25	-6	-176	-410	-153	-565	-666	-520	-363	-138	-37	137	125	346	309
STORAGE	13574	13875	13900	13894	13718	13308	13155	12591	11925	11405	11042	10904	10867	11005	11130	11477	11786
ELEV FTMSL	1588.2	1589.5	1589.6	1589.6	1588.8	1587.1	1586.5	1584.0	1581.0	1578.5	1576.8	1576.1	1575.9	1576.6	1577.2	1578.9	1580.3
DISCH KCFS	16.6	12.8	19.5	21.2	21.2	25.6	26.3	29.9	29.8	23.2	17.0	15.2	16.2	7.5	16.1	16.2	16.9
POWER																	
AVE POWER MW		150	228	249	248	296	303	340	334	256	186	165	176	81	175	178	187
PEAK POW MW		618	619	619	615	606	603	590	574	561	552	548	547	551	554	563	571
ENERGY GWH	2084.8	54.0	38.3	53.7	178.4	220.5	218.1	252.8	248.6	184.5	138.4	59.5	29.5	15.6	130.2	132.1	130.4
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	15160	382	270	379	1262	1573	1567	1828	1810	1350	1020	441	220	112	975	997	975
RELEASE	15160	382	270	379	1262	1573	1567	1828	1810	1350	1020	441	220	112	975	997	975
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.6	12.8	19.5	21.2	21.2	25.6	26.3	29.7	29.4	22.7	16.6	14.8	15.8	7.1	15.9	16.2	16.9
POWER																	
AVE POWER MW		61	91	99	99	120	123	139	138	108	82	75	80	36	79	80	81
PEAK POW MW		518	510	509	509	509	509	509	509	523	538	538	538	538	538	538	529
ENERGY GWH	875.1	21.8	15.3	21.5	71.5	89.1	88.8	103.5	102.5	77.6	61.3	26.9	13.4	6.9	59.1	59.3	56.6
--FORT RANDALL--																	
NAT INFLOW	300	55	26	33	43	35	120	13	36	-10	-52	-3	-1	-1		-6	12
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	143							10	32	39	29	11	5	5	12		
REG INFLOW	15238	435	295	411	1301	1599	1675	1813	1800	1294	938	426	213	106	959	988	984
RELEASE	15238	173	150	394	1301	1599	1675	1813	1800	1609	1572	711	231	105	756	738	610
STOR CHANGE	0	263	145	17				0	0	-315	-634	-285	-18	0	203	250	374
STORAGE	3124	3387	3532	3549	3549	3549	3549	3549	3549	3234	2600	2315	2297	2297	2500	2750	3124
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.4	1342.6	1337.8	1337.5	1337.5	1341.0	1344.8	1350.0
DISCH KCFS	10.5	5.8	10.8	22.1	21.9	26.0	28.2	29.5	29.3	27.0	25.6	23.9	16.6	6.6	12.3	12.0	10.6
POWER																	
AVE POWER MW		48	91	186	185	219	237	248	246	224	201	177	121	49	91	92	85
PEAK POW MW		349	354	355	355	355	355	355	355	342	306	285	284	283	300	317	338
ENERGY GWH	1505.6	17.3	15.3	40.2	132.9	162.9	170.4	184.3	183.0	161.3	149.5	63.7	20.3	9.3	67.8	68.4	58.8
--GAVINS POINT--																	
NAT INFLOW	1200	87	41	52	120	131	138	76	76	55	104	45	21	24	67	65	98
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-8	-4	-3	0	4	3	3	13	19	-10	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	16275	269	181	425	1416	1703	1785	1845	1858	1662	1666	750	261	143	798	802	710
RELEASE	16275	269	181	425	1416	1703	1785	1845	1845	1636	1666	750	261	143	798	802	749
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.1	23.8	23.8	27.7	30.0	30.0	30.0	27.5	27.1	25.2	18.8	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	94	101	101	101	95	95	88	66	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	678.0	11.4	7.7	17.6	58.7	70.2	72.6	75.1	75.4	68.7	70.6	31.8	11.1	6.2	34.3	34.5	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	550	36	17	22	77	144	106	47	22	15	14	10	4	5	10	-5	26
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16584	300	196	443	1473	1813	1862	1856	1834	1629	1671	754	263	145	797	785	762
KCFS		10.1	14.1	24.8	24.8	29.5	31.3	30.2	29.8	27.4	27.2	25.4	19.0	9.2	13.0	12.8	13.3
--TOTAL--																	
NAT INFLOW	15498	880	411	528	1638	2096	3595	1934	769	643	781	367	171	195	408	407	675
DEPLETION	2162	68	32	41	205	463	903	692	160	-139	-16	-65	-30	-35	-65	-48	-3
CHAN STOR	-22	89	-5	-22	-15	-47	-34	0	3	58	43	3	-32	3	-43	-29	5
EVAPORATION	1695							107	333	413	352	156	72	83	179		
STORAGE	42499	43100	43279	43301	43246	43019	43815	43094	41539	40337	39154	38678	38511	38517	37972	37612	37533
SYSTEM POWER																	
AVE POWER MW		530	684	844	865	1040	1134	1195	1178	944	763	704	716	494	729	767	760
PEAK POW MW		2063	2061	2061	2058	2051	2057	2044	2020	2007	1974	1948	1945	1947	1919	1935	1945
ENERGY GWH	7825.5	190.7	115.0	182.4	622.7	773.9	816.4	888.9	876.7	679.9	567.7	253.4	120.3	94.8	542.7	570.8	529.1
DAILY GWH		12.7	16.4	20.3	20.8	25.0	27.2	28.7	28.3	22.7	18.3	16.9	17.2	11.9	17.5	18.4	18.2
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB

29FEB04		2004											2005		
INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	377	-2	-1	-1	54	337	547	183	-79	-143	-74	-39	-18	-21	-133	-139	-94
EVAPORATION	402							24	77	96	84	38	18	20	44		
MOD INFLOW	6621	266	124	160	574	873	1304	622	326	366	388	188	88	100	399	400	443
RELEASE	5655	179	69	89	357	523	565	584	584	378	304	147	69	111	584	584	528
STOR CHANGE	965	88	55	70	217	350	739	37	-258	-12	83	41	19	-11	-185	-184	-85
STORAGE	11913	12001	12055	12126	12343	12693	13432	13469	13211	13199	13283	13324	13343	13332	13147	12963	12878
ELEV FTMSL	2217.9	2218.4	2218.7	2219.1	2220.3	2222.2	2226.2	2226.4	2225.0	2225.0	2225.4	2225.6	2225.7	2225.7	2224.7	2223.7	2223.3
DISCH KCFS	10.5	6.0	5.0	5.0	6.0	8.5	9.5	9.5	9.5	6.3	4.9	4.9	4.9	7.0	9.5	9.5	9.5
POWER																	
AVE POWER MW		77	64	64	78	110	125	126	126	84	66	66	66	93	125	125	124
PEAK POW MW		194	194	195	196	198	202	203	201	201	202	202	202	201	200	199	
ENERGY GWH	899.1	27.7	10.8	13.9	55.8	82.1	89.9	93.7	93.5	60.5	48.8	23.6	11.0	17.8	93.3	92.9	83.7
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	995	2	1	1	6	212	778	520	24	-129	-3	-92	-43	-49	-99	-84	-51
CHAN STOR	11	47	10		-10	-26	-10			32	14		0	-21	-25		
EVAPORATION	472							28	91	114	99	45	21	24	51		
REG INFLOW	15200	693	298	370	1194	1708	2735	2102	1051	922	676	386	180	218	860	905	905
RELEASE	14025	476	222	286	1071	1261	1369	1383	1353	976	848	410	191	286	1230	1414	1250
STOR CHANGE	1175	217	76	84	123	447	1366	718	-302	-54	-171	-25	-11	-68	-370	-509	-345
STORAGE	14356	14573	14649	14733	14856	15303	16669	17387	17085	17031	16860	16835	16824	16756	16385	15876	15531
ELEV FTMSL	1824.2	1825.1	1825.3	1825.7	1826.1	1827.8	1832.6	1835.1	1834.1	1833.9	1833.3	1833.2	1833.2	1832.9	1831.7	1829.9	1828.6
DISCH KCFS	22.5	16.0	16.0	16.0	18.0	20.5	23.0	22.5	22.0	16.4	13.8	13.8	13.8	18.0	20.0	23.0	22.5
POWER																	
AVE POWER MW		184	185	185	209	239	273	274	269	200	168	168	168	219	241	274	266
PEAK POW MW		341	342	343	344	349	363	371	368	367	365	365	365	364	360	355	352
ENERGY GWH	2028.1	66.3	31.0	40.0	150.1	177.6	196.8	203.7	200.1	144.3	125.3	60.5	28.2	42.0	179.5	204.0	178.6
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	0	30			-9	-11	-11	2	2	25	12	0	0	-19	-9	-13	2
EVAPORATION	434							27	85	105	90	40	19	21	47		
REG INFLOW	15306	800	359	462	1380	1422	1924	1377	1210	991	792	373	174	247	1143	1385	1267
RELEASE	14100	454	89	279	1036	1308	1392	1675	1687	1496	978	461	212	197	949	1002	883
STOR CHANGE	1205	346	271	183	344	113	531	-298	-477	-505	-186	-88	-38	50	194	382	383
STORAGE	14985	15331	15602	15785	16129	16242	16773	16475	15998	15493	15306	15219	15181	15231	15425	15807	16190
ELEV FTMSL	1593.9	1595.2	1596.3	1597.0	1598.2	1598.6	1600.5	1599.5	1597.8	1595.9	1595.1	1594.8	1594.7	1594.9	1595.6	1597.0	1598.5
DISCH KCFS	16.3	15.2	6.4	15.7	17.4	21.3	23.4	27.2	27.4	25.1	15.9	15.5	15.3	12.4	15.4	16.3	15.9
POWER																	
AVE POWER MW		184	78	191	214	262	290	337	337	306	193	187	184	150	187	199	195
PEAK POW MW		647	652	655	662	664	674	668	659	650	646	645	644	645	649	656	663
ENERGY GWH	2088.9	66.3	13.1	41.3	153.8	194.8	208.5	251.1	250.9	220.4	143.5	67.5	31.0	28.9	139.1	147.7	131.3
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	13997	454	89	279	1036	1308	1392	1669	1668	1471	956	451	207	192	938	1002	883
RELEASE	13997	454	89	279	1036	1308	1392	1669	1668	1471	956	451	207	192	938	1002	883
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.3	15.2	6.4	15.7	17.4	21.3	23.4	27.1	27.1	24.7	15.6	15.2	14.9	12.1	15.2	16.3	15.9
POWER																	
AVE POWER MW		72	30	73	82	100	110	127	127	117	76	76	75	61	76	80	76
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	808.1	25.7	5.0	15.8	58.7	74.1	78.9	94.5	94.4	84.4	56.9	27.5	12.7	11.7	56.9	59.5	51.3
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	117							8	25	31	25	10	4	4	10		
REG INFLOW	14700	575	145	352	1147	1439	1565	1717	1684	1475	933	442	204	188	935	999	899
RELEASE	14700	167	128	352	1147	1439	1565	1717	1684	1619	1570	746	349	210	732	719	555
STOR CHANGE	0	408	17					0	0	-144	-637	-304	-145	-22	203	280	344
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2500	2780	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1341.0	1345.3	1350.0
DISCH KCFS	10.1	5.6	9.2	19.7	19.3	23.4	26.3	27.9	27.4	27.2	25.5	25.1	25.1	13.3	11.9	11.7	10.0
POWER																	
AVE POWER MW		47	79	167	163	197	221	235	230	227	205	190	184	97	88	90	80
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	296	285	284	300	319	338
ENERGY GWH	1455.9	16.9	13.2	36.0	117.4	146.9	159.5	174.7	171.5	163.7	152.3	68.4	30.9	18.6	65.6	66.8	53.7
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-7	-20	1	-8	-6	-3	1	0	3	1	0	22	3	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	15998	268	164	388	1291	1586	1702	1759	1772	1692	1685	788	368	254	797	798	686
RELEASE	15998	268	164	388	1291	1586	1702	1759	1759	1666	1685	788	368	254	797	798	725
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	11.8	21.7	21.7	25.8	28.6	28.6	28.6	28.0	27.4	26.5	26.5	16.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	41	75	75	88	97	97	98	97	96	93	93	57	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	669.6	11.4	7.0	16.1	53.8	65.6	70.0	72.4	72.7	69.9	71.4	33.4	15.6	10.9	34.2	34.3	30.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	17301	431	241	485	1470	1862	1896	1852	1821	1704	1718	799	373	260	806	790	794
KCFS		14.5	17.3	27.2	24.7	30.3	31.9	30.1	29.6	28.6	27.9	26.9	26.9	16.4	13.1	12.8	14.3
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2398	30	14	18	135	675	1514	939	97	-225	-73	-118	-55	-63	-196	-190	-104
CHAN STOR	10	86	4	-20	-18	-45	-27	-1	3	57	29	1	0	-18	-32	-13	5
EVAPORATION	1566							97	304	379	327	146	68	77	168		
STORAGE	46418	47477	47895	48232	48916	49827	52463	52921	51896	51207	50296	49921	49746	49695	49536	49505	49764
SYSTEM POWER																	
AVE POWER MW		595	477	755	819	996	1116	1196	1187	1032	804	780	770	676	764	814	788
PEAK POW MW		2161	2167	2171	2181	2189	2218	2220	2207	2201	2186	2163	2151	2150	2125	2146	2156
ENERGY GWH	7949.8	214.2	80.1	163.2	589.6	741.1	803.5	890.0	883.2	743.1	598.2	280.9	129.4	129.9	568.6	605.3	529.4
DAILY GWH		14.3	11.4	18.1	19.7	23.9	26.8	28.7	28.5	24.8	19.3	18.7	18.5	16.2	18.3	19.5	18.9

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

28FEB05		2005										2006			
INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																
NAT INFLOW 7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION 389	-2	-1	-1	56	331	556	190	-75	-143	-78	-40	-18	-21	-133	-139	-93
EVAPORATION 428							26	82	102	90	41	19	22	47		
MOD INFLOW 6583	266	124	160	572	879	1295	613	317	360	386	186	87	99	396	400	442
RELEASE 5959	179	69	89	357	492	595	615	615	367	296	143	97	143	615	676	611
STOR CHANGE 624	88	55	70	215	387	700	-2	-298	-7	91	43	-10	-43	-219	-276	-169
STORAGE 12878	12966	13021	13091	13306	13693	14393	14391	14094	14086	14177	14220	14210	14167	13948	13672	13503
ELEV FTMSL 2223.3	2223.7	2224.0	2224.4	2225.5	2227.6	2231.1	2231.1	2229.6	2229.6	2230.0	2230.2	2230.2	2230.0	2228.9	2227.5	2226.6
DISCH KCFS 9.5	6.0	5.0	5.0	6.0	8.0	10.0	10.0	10.0	6.2	4.8	4.8	7.0	9.0	10.0	11.0	11.0
POWER																
AVE POWER MW	79	66	66	79	106	134	135	134	83	65	65	94	121	134	147	146
PEAK POW MW	200	200	201	202	204	206	206	205	205	205	206	205	205	205	203	203
ENERGY GWH 963.4	28.4	11.1	14.2	57.1	79.0	96.4	100.2	99.9	59.7	48.1	23.3	15.8	23.2	99.6	109.1	98.2
--GARRISON--																
NAT INFLOW 11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION 894	1	0	1	7	184	786	512	29	-132	-3	-103	-48	-55	-117	-101	-67
CHAN STOR -15	36	10		-10	-20	-20			38	14	0	-22	-20	-10	-10	0
EVAPORATION 487							30	94	117	102	46	21	24	52		
REG INFLOW 15564	683	298	370	1193	1710	2747	2139	1073	917	664	392	191	256	922	1004	1004
RELEASE 14797	476	222	286	1101	1383	1488	1506	1476	985	916	443	222	286	1230	1445	1333
STOR CHANGE 767	207	76	85	92	327	1259	633	-403	-68	-251	-51	-31	-30	-307	-441	-329
STORAGE 15531	15738	15815	15899	15991	16318	17577	18210	17807	17739	17488	17437	17406	17376	17068	16628	16299
ELEV FTMSL 1828.6	1829.4	1829.6	1829.9	1830.3	1831.4	1835.7	1837.8	1836.5	1836.3	1835.4	1835.3	1835.2	1835.1	1834.0	1832.5	1831.4
DISCH KCFS 22.5	16.0	16.0	16.0	18.5	22.5	25.0	24.5	24.0	16.5	14.9	14.9	16.0	18.0	20.0	23.5	24.0
POWER																
AVE POWER MW	189	190	190	220	269	303	302	296	204	183	183	196	220	243	283	286
PEAK POW MW	354	355	355	356	360	373	468	463	462	459	458	458	457	454	448	444
ENERGY GWH 2170.7	68.2	31.9	41.1	158.6	199.8	218.3	224.3	220.3	146.9	136.4	65.8	32.9	42.2	181.0	210.5	192.5
--OAHE--																
NAT INFLOW 2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION 597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR -7	28			-11	-17	-11	2	2	32	7		-5	-9	-9	-15	-2
EVAPORATION 452							29	89	109	94	42	19	22	48		
REG INFLOW 16040	799	359	462	1408	1538	2040	1495	1326	1001	851	405	199	256	1142	1414	1346
RELEASE 15253	582	132	319	1173	1437	1505	1792	1804	1609	1095	518	238	214	1112	909	813
STOR CHANGE 787	217	227	143	235	101	535	-297	-478	-608	-244	-113	-39	43	29	504	532
STORAGE 16190	16407	16635	16778	17013	17113	17648	17351	16873	16265	16021	15908	15869	15912	15941	16445	16978
ELEV FTMSL 1598.5	1599.2	1600.1	1600.6	1601.4	1601.7	1603.6	1602.6	1600.9	1598.7	1597.8	1597.4	1597.3	1597.4	1597.5	1599.4	1601.3
DISCH KCFS 15.9	19.6	9.5	17.8	19.7	23.4	25.3	29.1	29.3	27.0	17.8	17.4	17.2	13.5	18.1	14.8	14.6
POWER																
AVE POWER MW	241	119	222	246	292	318	367	367	335	219	213	210	165	222	182	183
PEAK POW MW	667	671	674	678	680	690	684	675	664	660	657	657	658	658	668	677
ENERGY GWH 2295.5	86.9	19.9	48.0	177.3	217.5	229.1	273.0	272.8	240.9	163.1	76.8	35.3	31.7	164.9	135.7	122.7
--BIG BEND--																
EVAPORATION 103							6	20	25	22	10	5	5	11		
REG INFLOW 15150	582	132	319	1173	1437	1505	1786	1784	1584	1073	508	234	208	1101	909	813
RELEASE 15150	582	132	319	1173	1437	1505	1786	1784	1584	1073	508	234	208	1101	909	813
STORAGE 1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL 1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS 15.9	19.6	9.5	17.8	19.7	23.4	25.3	29.0	29.0	26.6	17.5	17.1	16.8	13.1	17.9	14.8	14.6
POWER																
AVE POWER MW	92	45	84	92	109	118	136	136	126	86	86	85	66	88	72	70
PEAK POW MW	510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH 873.2	33.0	7.5	18.0	66.5	81.4	85.2	101.1	101.1	90.9	63.8	30.9	14.2	12.7	65.8	53.8	47.2
--FORT RANDALL--																
NAT INFLOW 900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION 80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION 118							8	25	31	25	10	4	4	10		
REG INFLOW 15852	703	189	391	1284	1568	1678	1834	1801	1588	1050	499	230	205	1098	906	829
RELEASE 15852	295	172	391	1284	1568	1678	1834	1801	1732	1687	803	375	227	732	719	555
STOR CHANGE 0	408	17	0	0			0	0	-144	-637	-304	-145	-22	366	187	274
STORAGE 3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2850	3124
ELEV FTMSL 1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.3	1350.0
DISCH KCFS 10.0	9.9	12.4	21.9	21.6	25.5	28.2	29.8	29.3	29.1	27.4	27.0	27.0	14.3	11.9	11.7	10.0
POWER																
AVE POWER MW	82	105	185	182	215	237	250	246	243	220	204	198	104	89	91	80
PEAK POW MW	354	355	355	355	355	355	355	355	349	318	296	285	284	311	324	338
ENERGY GWH 1571.7	29.7	17.6	40.0	131.2	159.8	170.7	186.4	183.1	174.9	163.4	73.5	33.2	20.0	66.4	67.9	54.0
--GAVINS POINT--																
NAT INFLOW 1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION 114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR -1	0	-5	-18	1	-8	-5	-3	1	0	3	1	0	24	4	0	3
EVAPORATION 38							2	7	9	8	4	2	2	4		
REG INFLOW 17149	388	210	429	1428	1716	1815	1875	1888	1805	1802	845	394	272	799	798	686
RELEASE 17149	388	210	429	1428	1716	1815	1875	1875	1779	1802	845	394	272	799	798	725
STOR CHANGE								13	26							-39
STORAGE 358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL 1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS 13.0	13.0	15.1	24.0	24.0	27.9	30.5	30.5	30.5	29.9	29.3	28.4	28.4	17.2	13.0	13.0	13.0
POWER																
AVE POWER MW	46	53	82	82	95	102	102	103	102	102	99	99	61	46	46	46
PEAK POW MW	114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH 711.9	16.4	8.9	17.8	59.2	70.7	73.5	75.9	76.3	73.8	75.8	35.8	16.7	11.6	34.3	34.3	30.9
--GAVINS POINT - SIOUX CITY--																
NAT INFLOW 1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION 248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																
KAF 18451	551	286	526	1607	1992	2009	1967	1937	1817	1835	855	399	278	808	790	794
KCFS	18.5	20.6	29.5	27.0	32.4	33.8	32.0	31.5	30.5	29.8	28.8	28.8	17.5	13.1	12.8	14.3
--TOTAL--																
NAT INFLOW 24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION 2322	29	13	17	138	642	1534	943	109	-227	-77	-130	-60	-69	-214	-207	-119
CHAN STOR -23	65	6	-18	-20	-45	-36	-1	3	70	24	1	-27	-5	-14	-25	1
EVAPORATION 1625							101	317	394	340	151	70	80	173		
STORAGE 49764	50684	51059	51357	51899	52714	55208	55542	54376	53575	52533	52108	51883	51831	51700	51674	51943
SYSTEM POWER																
AVE POWER MW	729	577	829	903	1086	1213	1291	1282	1093	874	850	882	737	823	822	812
PEAK POW MW	2199	2204	2208	2215	2222	2247	2336	2322	2314	2297	2273	2260	2259	2244	2259	2267
ENERGY GWH 8586.3	262.5	96.9	179.2	649.9	808.2	873.3	960.9	953.5	787.0	650.6	305.9	148.2	141.5	612.0	611.3	545.4
DAILY GWH	17.5	13.8	19.9	21.7	26.1	29.1	31.0	30.8	26.2	21.0	20.4	21.2	17.7	19.7	19.7	19.5

28FEB06		2006										2007			
INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	389	-2	-1	-1	56	331	556	190	-75	-143	-78	-40	-18	-21	-133	-139	-93
EVAPORATION	448							27	85	107	94	43	20	23	49		
MOD INFLOW	6563	266	124	160	572	879	1295	612	314	355	382	184	86	98	394	400	442
RELEASE	5281	179	69	89	417	492	762	492	461	324	261	125	83	127	492	492	417
STOR CHANGE	1282	88	55	70	155	387	533	120	-147	31	121	59	3	-29	-98	-92	25
STORAGE	13503	13590	13645	13716	13871	14258	14792	14912	14765	14796	14917	14976	14978	14950	14851	14760	14785
ELEV FTMSL	2226.6	2227.0	2227.3	2227.7	2228.5	2230.4	2233.0	2233.6	2232.9	2233.0	2233.6	2233.9	2233.9	2233.8	2233.3	2232.9	2233.0
DISCH KCFS	11.0	6.0	5.0	5.0	7.0	8.0	12.8	8.0	7.5	5.4	4.2	4.2	6.0	8.0	8.0	8.0	7.5
POWER																	
AVE POWER MW		80	67	67	93	107	96	109	102	74	58	57	82	109	109	108	102
PEAK POW MW		203	203	204	206	208	208	208	207	208	208	208	208	208	208	207	208
ENERGY GWH	808.3	28.7	11.2	14.4	67.3	79.8	69.0	80.8	75.7	53.2	42.9	20.6	13.7	20.9	80.8	80.7	68.3
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	968	-7	-3	-4	-8	214	816	569	35	-135	-8	-107	-50	-57	-119	-102	-67
CHAN STOR	35	51	10		-20	-10	-48	47	5	20	12	0	-18	-20			5
EVAPORATION	498							31	97	120	104	46	22	25	53		
REG INFLOW	14850	706	302	375	1257	1691	2855	2006	915	856	631	377	183	241	811	831	815
RELEASE	15210	476	222	286	1131	1476	1488	1506	1476	1044	971	470	219	317	1230	1537	1361
STOR CHANGE	-360	230	80	89	127	215	1368	499	-561	-189	-340	-93	-37	-76	-419	-706	-546
STORAGE	16299	16528	16608	16697	16824	17039	18407	18906	18345	18156	17816	17723	17686	17610	17191	16485	15939
ELEV FTMSL	1831.4	1832.2	1832.4	1832.7	1833.2	1833.9	1838.5	1840.0	1838.3	1837.6	1836.5	1836.2	1836.1	1835.9	1834.4	1832.0	1830.1
DISCH KCFS	24.0	16.0	16.0	16.0	19.0	24.0	25.0	24.5	24.0	17.6	15.8	15.8	15.8	20.0	20.0	25.0	24.5
POWER																	
AVE POWER MW		192	192	193	229	289	306	306	300	218	196	195	195	245	244	301	291
PEAK POW MW		447	448	449	451	453	470	476	469	467	463	462	461	460	455	446	439
ENERGY GWH	2261.9	69.0	32.3	41.6	164.8	215.3	220.6	227.8	223.0	157.2	145.7	70.2	32.7	47.1	181.7	223.7	195.3
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	-3	34			-12	-21	-4	2	2	27	8			-18	0	-22	2
EVAPORATION	463							29	91	112	96	43	20	23	49		
REG INFLOW	16432	804	359	462	1435	1625	2044	1490	1320	1053	905	431	201	278	1149	1499	1377
RELEASE	15940	582	145	349	1268	1523	1582	1872	1884	1686	1175	556	256	226	1112	939	783
STOR CHANGE	492	222	215	113	167	102	461	-382	-564	-634	-270	-126	-55	52	37	560	593
STORAGE	16978	17200	17415	17528	17694	17797	18258	17876	17312	16678	16409	16283	16228	16280	16317	16877	17470
ELEV FTMSL	1601.3	1602.0	1602.8	1603.2	1603.7	1604.1	1605.6	1604.4	1602.4	1600.2	1599.2	1598.8	1598.6	1598.8	1598.9	1600.9	1603.0
DISCH KCFS	14.6	19.5	10.4	19.5	21.3	24.8	26.6	30.4	30.6	28.3	19.1	18.7	18.5	14.3	18.1	15.3	14.1
POWER																	
AVE POWER MW		245	132	247	270	314	338	387	386	353	237	231	228	176	223	190	177
PEAK POW MW		682	685	687	690	692	701	694	684	672	667	664	663	664	665	676	686
ENERGY GWH	2422.9	88.2	22.1	53.3	194.1	233.4	243.6	288.0	287.4	254.5	176.3	83.2	38.3	33.8	166.2	141.3	119.2
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	15836	582	145	349	1268	1523	1582	1866	1864	1662	1153	546	252	221	1101	939	783
RELEASE	15836	582	145	349	1268	1523	1582	1866	1864	1662	1153	546	252	221	1101	939	783
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	14.6	19.5	10.4	19.5	21.3	24.8	26.6	30.3	30.3	27.9	18.8	18.4	18.1	13.9	17.9	15.3	14.1
POWER																	
AVE POWER MW		92	49	91	100	116	124	142	142	132	92	92	91	70	88	75	68
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	912.5	33.0	8.2	19.8	71.9	86.2	89.6	105.6	105.6	95.3	68.5	33.2	15.3	13.5	65.8	55.5	45.5
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	16539	703	201	421	1379	1654	1755	1914	1881	1665	1130	537	248	217	1098	936	799
RELEASE	16539	295	184	421	1379	1654	1755	1914	1881	1809	1767	842	393	239	732	719	555
STOR CHANGE	0	408	17					0	0	-144	-637	-304	-145	-22	366	217	244
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2880	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.7	1350.0
DISCH KCFS	10.0	9.9	13.3	23.6	23.2	26.9	29.5	31.1	30.6	30.4	28.7	28.3	28.3	15.1	11.9	11.7	10.0
POWER																	
AVE POWER MW		82	113	199	196	226	248	261	257	254	230	214	207	110	89	91	80
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	297	285	284	311	326	338
ENERGY GWH	1639.4	29.7	18.9	43.0	140.8	168.4	178.4	194.3	191.1	182.5	171.0	76.9	34.8	21.1	66.4	68.0	54.0
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	0	-6	-20	1	-7	-5	-3	1	0	3	1	0	25	6	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	17836	388	221	457	1523	1802	1892	1955	1968	1883	1882	884	412	286	800	798	686
RELEASE	17836	388	221	457	1523	1802	1892	1955	1955	1857	1882	884	412	286	800	798	725
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	15.9	25.6	25.6	29.3	31.8	31.8	31.8	31.2	30.6	29.7	29.7	18.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		46	55	88	87	99	105	105	106	106	105	103	103	64	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	734.1	16.4	9.3	18.9	63.0	73.8	75.6	78.2	78.5	76.0	78.2	37.0	17.3	12.2	34.4	34.3	30.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	19135	551	297	555	1701	2077	2086	2047	2017	1895	1914	894	417	291	809	790	794
KCFS		18.5	21.4	31.1	28.6	33.8	35.1	33.3	32.8	31.8	31.1	30.1	30.1	18.4	13.2	12.8	14.3
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2415	21	10	13	125	674	1567	1004	119	-229	-81	-133	-62	-71	-216	-208	-118
CHAN STOR	31	85	4	-20	-32	-38	-57	46	8	48	23	1	-18	-13	6	-21	10
EVAPORATION	1667							103	325	405	348	155	72	82	178		
STORAGE	51943	52891	53257	53529	53978	54683	57045	57283	56023	55114	53988	53524	53290	53215	53101	53080	53358
SYSTEM POWER																	
AVE POWER MW		736	607	884	975	1152	1218	1310	1292	1137	917	892	905	774	800	811	764
PEAK POW MW		2311	2315	2318	2324	2330	2356	2356	2339	2330	2310	2286	2273	2271	2255	2271	2276
ENERGY GWH	8779.0	265.1	102.0	191.0	701.9	857.0	877.0	974.7	961.4	818.8	682.6	321.1	152.1	148.6	595.3	603.5	513.3
DAILY GWH		17.7	14.6	21.2	23.4	27.6	29.3	31.4	31.0	27.3	22.0	21.4	21.7	18.6	19.2	19.5	18.3

28FEB07		2007										2008			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	410	-2	-1	-1	55	332	565	205	-66	-144	-78	-40	-18	-21	-133	-139	-104
EVAPORATION	453							28	87	109	95	43	20	23	49		
MOD INFLOW	6537	266	124	160	573	878	1286	596	303	354	381	184	86	98	394	400	453
RELEASE	7195	179	83	107	476	553	1083	646	615	549	442	208	111	159	615	707	661
STOR CHANGE	-659	88	41	53	97	325	203	-49	-312	-195	-61	-24	-25	-60	-221	-307	-208
STORAGE	14785	14873	14914	14966	15063	15388	15591	15541	15229	15034	14972	14948	14923	14863	14642	14335	14126
ELEV FTMSL	2233.0	2233.4	2233.6	2233.9	2234.3	2235.8	2236.8	2236.5	2235.1	2234.2	2233.9	2233.8	2233.7	2233.4	2232.3	2230.8	2229.8
DISCH KCFS	7.5	6.0	6.0	6.0	8.0	9.0	18.2	10.5	10.0	9.2	7.2	7.0	8.0	10.0	10.0	11.5	11.5
POWER																	
AVE POWER MW		81	82	82	109	123	56	144	137	126	98	95	109	136	135	155	154
PEAK POW MW		208	208	208	209	210	210	210	209	208	208	208	208	208	207	206	205
ENERGY GWH	1045.0	29.3	13.7	17.6	78.4	91.3	40.6	107.0	101.7	90.5	72.8	34.3	18.3	26.0	100.7	115.3	107.4
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	981	-6	-3	-4	-8	214	826	585	40	-138	-12	-110	-51	-58	-119	-101	-74
CHAN STOR	-42	15			-20	-10	-93	76	5	7	20	2	-10	-20	0	-15	
EVAPORATION	523							31	100	126	110	50	23	26	57		
REG INFLOW	16650	670	305	392	1317	1752	3122	2171	1060	1066	819	462	219	273	930	1030	1061
RELEASE	14605	476	222	286	1071	1322	1428	1445	1414	1087	919	445	236	286	1230	1414	1323
STOR CHANGE	2045	194	83	107	246	430	1694	726	-354	-21	-101	17	-17	-12	-300	-384	-261
STORAGE	15939	16133	16216	16322	16568	16998	18692	19418	19064	19043	18942	18959	18942	18929	18630	18246	17984
ELEV FTMSL	1830.1	1830.8	1831.1	1831.4	1832.3	1833.8	1839.4	1841.6	1840.5	1840.5	1840.1	1840.2	1840.1	1840.1	1839.2	1837.9	1837.1
DISCH KCFS	24.5	16.0	16.0	16.0	18.0	21.5	24.0	23.5	23.0	18.3	15.0	15.0	17.0	18.0	20.0	23.0	23.0
POWER																	
AVE POWER MW		190	191	191	215	259	295	296	291	231	189	189	215	227	251	286	285
PEAK POW MW		442	443	444	447	453	473	481	477	477	476	476	476	476	472	468	465
ENERGY GWH	2190.7	68.4	32.0	41.3	155.2	192.5	212.4	220.2	216.3	166.3	140.6	68.0	36.1	43.6	186.8	213.1	198.1
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	6	35			-8	-14	-10	2	2	20	14		-9	-4	-9	-13	
EVAPORATION	457							29	90	111	94	42	19	22	48		
REG INFLOW	15827	805	359	462	1380	1477	1975	1424	1256	1090	862	406	209	261	1141	1384	1337
RELEASE	16381	464	253	383	1322	1578	1630	1921	1933	1734	1224	580	268	231	1112	889	859
STOR CHANGE	-554	341	106	79	58	-101	345	-497	-677	-644	-362	-174	-58	30	28	495	478
STORAGE	17470	17811	17917	17996	18054	17953	18298	17801	17124	16479	16118	15944	15885	15915	15944	16438	16916
ELEV FTMSL	1603.0	1604.1	1604.5	1604.8	1605.0	1604.6	1605.8	1604.1	1601.8	1599.5	1598.2	1597.5	1597.3	1597.4	1597.5	1599.3	1601.0
DISCH KCFS	14.1	15.6	18.2	21.4	22.2	25.7	27.4	31.2	31.4	29.1	19.9	19.5	19.3	14.5	18.1	14.5	14.9
POWER																	
AVE POWER MW		198	232	273	283	327	349	397	395	362	246	239	236	178	222	178	186
PEAK POW MW		693	694	696	697	695	701	692	680	668	661	658	657	658	658	667	676
ENERGY GWH	2487.2	71.2	39.0	58.9	203.8	242.9	251.3	295.4	294.1	260.6	182.8	86.1	39.6	34.2	164.9	132.7	129.4
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	16278	464	253	383	1322	1578	1630	1915	1914	1709	1202	570	263	225	1101	889	859
RELEASE	16278	464	253	383	1322	1578	1630	1915	1914	1709	1202	570	263	225	1101	889	859
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	14.1	15.6	18.2	21.4	22.2	25.7	27.4	31.1	31.1	28.7	19.6	19.2	18.9	14.2	17.9	14.5	14.9
POWER																	
AVE POWER MW		74	86	100	104	120	128	146	146	136	96	96	95	72	88	71	72
PEAK POW MW		517	510	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	938.1	26.6	14.4	21.7	74.9	89.4	92.3	108.4	108.4	98.0	71.4	34.6	16.0	13.8	65.8	52.7	49.9
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	16981	585	310	455	1433	1709	1803	1963	1930	1713	1179	561	259	222	1098	886	875
RELEASE	16981	295	192	438	1433	1709	1803	1963	1930	1857	1816	865	404	244	732	719	581
STOR CHANGE	0	291	117	17	0		0	0	0	-144	-637	-304	-145	-22	366	167	294
STORAGE	3124	3415	3532	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2830	3124
ELEV FTMSL	1350.0	1353.6	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.0	1350.0
DISCH KCFS	10.0	9.9	13.9	24.5	24.1	27.8	30.3	31.9	31.4	31.2	29.5	29.1	29.1	15.4	11.9	11.7	10.1
POWER																	
AVE POWER MW		82	117	207	203	234	254	268	263	260	236	220	213	112	89	91	81
PEAK POW MW		350	354	355	355	355	355	355	355	349	318	297	285	284	311	322	338
ENERGY GWH	1682.0	29.5	19.6	44.6	146.2	173.9	183.2	199.2	196.0	187.3	175.7	79.1	35.8	21.5	66.4	67.8	56.4
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-2	0	-8	-20	1	-7	-5	-3	1	0	3	1	0	25	6	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	18277	388	228	473	1577	1857	1940	2005	2018	1930	1931	907	423	291	801	798	711
RELEASE	18277	388	228	473	1577	1857	1940	2005	2005	1904	1931	907	423	291	801	798	750
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	16.4	26.5	26.5	30.2	32.6	32.6	32.6	32.0	31.4	30.5	30.5	18.4	13.0	13.0	13.0
POWER																	
AVE POWER MW		46	57	90	90	101	107	107	107	107	107	105	105	65	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	747.7	16.4	9.6	19.5	65.1	75.4	76.9	79.5	79.9	77.3	79.6	37.7	17.6	12.4	34.4	34.3	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	19573	551	304	571	1755	2132	2134	2097	2066	1941	1963	918	428	297	810	790	818
KCFS		18.5	21.9	32.0	29.5	34.7	35.9	34.1	33.6	32.6	31.9	30.9	30.9	18.7	13.2	12.8	14.2
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2465	22	10	13	124	676	1589	1040	137	-232	-86	-136	-63	-73	-215	-206	-135
CHAN STOR	-38	51	-8	-20	-28	-32	-108	75	8	28	37	3	-19	2	-2	-28	3
EVAPORATION	1692							105	330	411	353	157	73	83	180		
STORAGE	53358	54271	54618	54874	55274	55928	58170	58349	57019	56040	54879	54394	54148	54084	53957	53928	54191
SYSTEM POWER																	
AVE POWER MW		671	764	943	1005	1163	1190	1357	1339	1222	972	944	972	789	832	828	823
PEAK POW MW		2323	2324	2327	2331	2336	2363	2363	2346	2337	2318	2294	2282	2280	2265	2280	2289
ENERGY GWH	9201.3	241.5	128.3	203.7	723.5	865.5	856.7	1009.8	996.2	880.0	722.8	339.8	163.3	151.5	619.0	615.9	573.1
DAILY GWH		16.1	18.3	22.6	24.1	27.9	28.6	32.6	32.1	29.3	23.3	22.7	23.3	18.9	20.0	19.9	19.8

DATE OF STUDY 01/10/03 — 2002-2003 AOP EXTENSIONS, MEDIAN RUNOFF SIMULATION 99001 9901 — 1 PAGE 1

TIME OF STUDY 09:49:26 — CWCP, STEADY RELEASE — STUDY NO 13

VALUES IN 1000 AF EXCEPT AS INDICATED

	29FEB08	2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	422	-2	-1	-1	55	333	569	212	-62	-144	-82	-42	-19	-22	-136	-141	-95
EVAPORATION	436							27	84	104	91	41	19	22	47		
MOD INFLOW	6542	266	124	160	573	877	1282	590	302	359	389	188	88	100	399	402	444
RELEASE	7242	179	69	89	417	615	833	830	799	536	356	172	80	159	615	799	694
STOR CHANGE	-700	88	55	70	156	262	449	-240	-498	-177	33	16	7	-58	-216	-397	-250
STORAGE	14126	14214	14269	14339	14496	14758	15207	14966	14469	14292	14325	14341	14348	14289	14073	13676	13426
ELEV FTMSL	2229.8	2230.2	2230.5	2230.8	2231.6	2232.9	2235.0	2233.9	2231.5	2230.6	2230.8	2230.8	2230.9	2230.6	2229.5	2227.5	2226.2
DISCH KCFS	11.5	6.0	5.0	5.0	7.0	10.0	14.0	13.5	13.0	9.0	5.8	5.8	5.8	10.0	10.0	13.0	12.5
POWER																	
AVE POWER MW		81	67	67	94	135	187	182	175	121	78	78	78	134	134	173	166
PEAK POW MW		206	206	206	207	207	209	208	206	206	206	206	206	206	205	203	202
ENERGY GWH	1176.2	29.0	11.3	14.6	68.0	100.5	134.8	135.3	130.3	87.3	58.0	28.1	13.1	25.8	99.8	128.7	111.4
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	1205	-6	-3	-3	-6	215	836	601	46	-141	-17	-89	-41	-47	-69	-50	-21
CHAN STOR	-11	55	10		-20	-30	-39	5	5	39	31	0		-42	0	-30	5
EVAPORATION	529							33	104	129	111	49	23	26	55		
REG INFLOW	16498	708	301	374	1256	1793	2916	2267	1235	1083	748	403	188	241	882	1057	1046
RELEASE	17352	536	250	321	1250	1537	1696	1722	1691	1454	1352	654	305	317	1230	1537	1500
STOR CHANGE	-853	173	51	53	6	256	1220	545	-456	-371	-605	-251	-117	-77	-348	-481	-453
STORAGE	17984	18157	18208	18261	18267	18523	19743	20289	19833	19462	18857	18606	18489	18413	18065	17584	17131
ELEV FTMSL	1837.1	1837.7	1837.8	1838.0	1838.0	1838.8	1842.6	1844.2	1842.9	1841.7	1839.9	1839.1	1838.7	1838.5	1837.4	1835.8	1834.2
DISCH KCFS	23.0	18.0	18.0	18.0	21.0	25.0	28.5	28.0	27.5	24.4	22.0	22.0	22.0	20.0	20.0	25.0	27.0
POWER																	
AVE POWER MW		223	224	224	261	311	358	356	350	310	278	275	275	249	248	307	328
PEAK POW MW		467	467	468	468	471	488	499	490	481	475	472	471	470	466	460	454
ENERGY GWH	2625.6	80.3	37.6	48.4	187.9	231.2	258.1	265.1	260.6	222.9	206.7	99.2	46.1	47.9	184.9	228.5	220.5
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	-16	21			-12	-16	-14	2	2	13	10	0	0	8	0	-21	-8
EVAPORATION	479							30	92	115	100	45	21	24	52		
REG INFLOW	18516	850	387	497	1553	1689	2236	1696	1528	1444	1286	613	286	303	1145	1499	1504
RELEASE	16618	498	221	386	1334	1609	1666	1958	1970	1770	1261	598	276	236	1115	861	861
STOR CHANGE	1898	353	166	111	219	79	570	-262	-442	-326	25	15	10	68	30	638	644
STORAGE	16916	17269	17435	17546	17765	17845	18415	18153	17710	17385	17409	17424	17434	17502	17532	18170	18814
ELEV FTMSL	1601.0	1602.3	1602.8	1603.2	1604.0	1604.2	1606.1	1605.3	1603.8	1602.7	1602.8	1602.8	1602.8	1603.1	1603.2	1605.3	1607.4
DISCH KCFS	14.9	16.7	15.9	21.6	22.4	26.2	28.0	31.8	32.0	29.7	20.5	20.1	19.9	14.9	18.1	14.0	15.5
POWER																	
AVE POWER MW		210	200	273	284	332	357	406	406	375	258	253	251	188	229	178	200
PEAK POW MW		683	686	688	692	693	703	699	691	685	685	686	686	687	688	699	710
ENERGY GWH	2549.6	75.5	33.7	58.9	204.3	246.8	256.8	302.3	302.3	269.8	192.3	91.2	42.1	36.1	170.6	132.7	134.1
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	16515	498	221	386	1334	1609	1666	1952	1950	1745	1239	588	271	230	1104	861	861
RELEASE	16515	498	221	386	1334	1609	1666	1952	1950	1745	1239	588	271	230	1104	861	861
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	14.9	16.7	15.9	21.6	22.4	26.2	28.0	31.7	31.7	29.3	20.2	19.8	19.5	14.5	18.0	14.0	15.5
POWER																	
AVE POWER MW		79	75	101	105	123	131	149	148	139	99	99	98	73	89	69	74
PEAK POW MW		515	510	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	951.7	28.4	12.5	21.9	75.6	91.2	94.3	110.5	110.4	100.0	73.5	35.7	16.5	14.1	66.0	51.1	50.0
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	17218	619	277	459	1445	1740	1839	2000	1967	1749	1216	579	268	227	1101	858	877
RELEASE	17218	293	194	442	1445	1740	1839	2000	1967	1893	1853	883	413	249	735	721	553
STOR CHANGE	0	325	83	17				0	0	-144	-637	-304	-145	-22	366	137	324
STORAGE	3124	3449	3532	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2800	3124
ELEV FTMSL	1350.0	1354.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1345.6	1350.0
DISCH KCFS	10.1	9.9	14.0	24.7	24.3	28.3	30.9	32.5	32.0	31.8	30.1	29.7	29.7	15.7	12.0	11.7	10.0
POWER																	
AVE POWER MW		82	118	208	205	238	259	273	268	265	241	224	217	114	90	91	80
PEAK POW MW		351	354	355	355	355	355	355	355	349	318	297	285	284	311	320	338
ENERGY GWH	1705.1	29.5	19.8	45.0	147.4	177.1	186.7	202.9	199.7	190.8	179.2	80.7	36.5	21.9	66.6	67.8	53.5
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	0	-8	-21	1	-8	-5	-3	1	0	3	1	0	26	7	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	18515	387	230	477	1589	1888	1976	2041	2054	1966	1968	925	432	297	804	799	683
RELEASE	18515	387	230	477	1589	1888	1976	2041	2041	1940	1968	925	432	297	804	799	722
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	16.5	26.7	26.7	30.7	33.2	33.2	33.2	32.6	32.0	31.1	31.1	18.7	13.1	13.0	13.0
POWER																	
AVE POWER MW		45	57	91	91	103	108	108	109	109	108	106	106	66	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	754.2	16.4	9.7	19.7	65.6	76.3	77.9	80.5	80.8	78.3	80.6	38.2	17.8	12.7	34.6	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	19810	550	306	574	1767	2163	2170	2132	2102	1977	2000	936	437	302	813	791	790
KCFS		18.5	22.0	32.2	29.7	35.2	36.5	34.7	34.2	33.2	32.5	31.5	31.5	19.1	13.2	12.9	14.2
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2717	23	11	14	127	679	1606	1068	150	-234	-95	-117	-55	-62	-168	-157	-72
CHAN STOR	-27	76	2	-21	-31	-54	-59	4	8	52	45	1	0	-7	7	-50	0
EVAPORATION	1703							106	332	413	355	158	73	83	181		
STORAGE	54191	55129	55484	55735	56117	56715	58953	58997	57614	56622	55439	54914	54669	54580	54412	54309	54534
SYSTEM POWER																	
AVE POWER MW		720	742	965	1040	1241	1401	1474	1457	1318	1062	1036	1025	825	837	864	893
PEAK POW MW		2336	2338	2340	2345	2350	2379	2384	2367	2355	2339	2315	2303	2301	2286	2299	2310
ENERGY GWH	9762.4	259.2	124.6	208.4	748.6	923.0	1008.7	1096.6	1084.2	949.1	790.3	373.1	172.2	158.4	622.5	643.2	600.3
DAILY GWH		17.3	17.8	23.2	25.0	29.8	33.6	35.4	35.0	31.6	25.5	24.9	24.6	19.8	20.1	20.7	21.4

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

	29FEB04	2004											2005			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6556	264	123	158	574	1011	1589	692	287	275	354	183	85	98	322	231	309
DEPLETION	345	3	2	2	74	295	438	167	-60	-130	-68	-32	-15	-17	-110	-121	-83
EVAPORATION	451							28	86	108	94	43	20	23	49		
MOD INFLOW	5760	261	122	156	500	716	1151	497	261	297	328	172	80	92	383	352	392
RELEASE	5557	134	62	80	417	492	565	553	553	328	275	133	63	143	615	615	528
STOR CHANGE	203	127	59	76	83	224	586	-56	-293	-31	52	39	17	-51	-232	-263	-136
STORAGE	10315	10442	10501	10577	10661	10885	11470	11414	11122	11091	11143	11182	11199	11148	10916	10653	10518
ELEV FTMSL	2208.5	2209.2	2209.6	2210.1	2210.6	2211.9	2215.4	2215.0	2213.3	2213.1	2213.5	2213.7	2213.8	2213.5	2212.1	2210.5	2209.7
DISCH KCFS	11.0	4.5	4.5	4.5	7.0	8.0	9.5	9.0	9.0	5.5	4.5	4.5	4.6	9.0	10.0	10.0	9.5
POWER																	
AVE POWER MW		55	55	56	86	99	119	114	113	69	56	56	58	113	125	124	117
PEAK POW MW		182	182	183	183	185	190	189	187	187	187	187	188	187	185	183	182
ENERGY GWH	837.7	19.9	9.3	12.0	62.2	73.7	85.6	84.5	84.1	49.7	41.8	20.3	9.7	21.6	92.7	92.0	78.5
--GARRISON--																	
NAT INFLOW	10069	475	221	285	763	1282	2701	1891	532	446	428	175	82	93	238	177	280
DEPLETION	1463	45	21	27	84	234	815	571	57	-105	25	-81	-38	-43	-69	-52	-28
CHAN STOR	16	70			-27	-11	-16	5		37	11	0	-1	-47	-11		5
EVAPORATION	527							32	101	127	110	50	23	27	57		
REG INFLOW	13652	635	263	338	1069	1529	2435	1847	927	789	579	339	158	206	854	844	841
RELEASE	13404	476	222	286	1071	1230	1309	1322	1291	898	722	349	167	286	1230	1353	1194
STOR CHANGE	248	159	41	53	-3	299	1126	525	-364	-109	-143	-10	-8	-80	-376	-509	-353
STORAGE	12411	12569	12610	12663	12661	12960	14086	14611	14246	14137	13994	13984	13976	13896	13521	13012	12659
ELEV FTMSL	1816.5	1817.1	1817.3	1817.5	1817.5	1818.7	1823.2	1825.2	1823.8	1823.4	1822.8	1822.8	1822.8	1822.5	1821.0	1818.9	1817.5
DISCH KCFS	23.5	16.0	16.0	16.0	18.0	20.0	22.0	21.5	21.0	15.1	11.7	11.7	12.0	18.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		174	175	175	197	219	246	246	241	172	134	134	137	204	225	244	236
PEAK POW MW		318	318	319	319	323	336	342	337	336	335	334	334	333	329	323	319
ENERGY GWH	1815.4	62.8	29.4	37.8	141.8	163.2	177.0	182.8	179.0	124.2	99.7	48.2	23.0	39.2	167.3	181.6	158.4
--OAHE--																	
NAT INFLOW	1761	187	87	112	278	158	701	124	29	79	11				-42	-7	44
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	10	37			-10	-10	-10	2	2	29	17		-1	-30	-10	-10	2
EVAPORATION	466							30	91	112	96	43	20	23	51		
REG INFLOW	14124	678	299	384	1293	1314	1877	1276	1139	871	661	304	144	231	1116	1320	1216
RELEASE	13870	348	239	353	1211	1456	1385	1682	1676	1306	736	343	110	135	1140	852	900
STOR CHANGE	254	329	60	31	83	-142	493	-406	-537	-434	-74	-38	35	97	-24	468	315
STORAGE	12992	13321	13381	13412	13495	13353	13845	13439	12902	12468	12393	12355	12390	12486	12462	12930	13246
ELEV FTMSL	1585.8	1587.2	1587.4	1587.6	1587.9	1587.3	1589.3	1587.7	1585.4	1583.5	1583.1	1582.9	1583.1	1583.5	1583.4	1585.5	1586.8
DISCH KCFS	13.6	11.7	17.2	19.8	20.3	23.7	23.3	27.4	27.3	21.9	12.0	11.5	7.9	8.5	18.5	13.8	16.2
POWER																	
AVE POWER MW		135	199	229	236	274	270	318	313	249	136	130	89	96	210	158	186
PEAK POW MW		607	608	609	610	607	618	609	597	587	585	584	585	587	587	598	605
ENERGY GWH	1928.6	48.6	33.4	49.5	169.8	203.9	194.7	236.3	232.8	179.5	100.8	46.9	15.0	18.5	156.1	117.5	125.3
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13741	348	239	353	1211	1456	1385	1674	1651	1275	709	330	104	128	1126	852	900
RELEASE	13741	348	239	353	1211	1456	1385	1674	1651	1275	709	330	104	128	1126	852	900
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.6	11.7	17.2	19.8	20.3	23.7	23.3	27.2	26.9	21.4	11.5	11.1	7.5	8.1	18.3	13.8	16.2
POWER																	
AVE POWER MW		55	81	93	95	111	109	127	126	102	58	56	38	41	90	68	78
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	792.8	20.0	13.6	20.0	68.6	82.5	78.4	94.8	93.5	73.5	43.3	20.2	6.4	7.9	67.3	50.7	52.3
--FORT RANDALL--																	
NAT INFLOW	643	88	41	53	82	66	167	33	63	30	2				6	-6	19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14159	434	279	405	1289	1513	1540	1679	1668	1259	677	319	99	122	1116	843	916
RELEASE	14160	161	145	388	1289	1513	1540	1679	1668	1606	1564	338	99	122	750	726	572
STOR CHANGE	-1	274	134	17				0	0	-347	-886	-19	0	0	366	117	344
STORAGE	3124	3398	3532	3549	3549	3549	3549	3549	3549	3202	2315	2296	2296	2296	2662	2779	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.8	1337.5	1337.5	1337.5	1343.5	1345.3	1350.0
DISCH KCFS	10.5	5.4	10.4	21.7	21.7	24.6	25.9	27.3	27.1	27.0	25.4	11.4	7.1	7.7	12.2	11.8	10.3
POWER																	
AVE POWER MW		45	88	183	183	207	218	230	228	223	195	83	52	56	91	92	82
PEAK POW MW		349	354	355	355	355	355	355	355	341	284	283	283	283	311	319	338
ENERGY GWH	1401.3	16.1	14.8	39.6	131.7	154.3	156.9	170.9	169.8	160.8	145.4	29.9	8.8	10.8	68.0	68.1	55.3
--GAVINS POINT--																	
NAT INFLOW	1335	98	46	59	132	147	153	87	85	62	112	50	23	27	75	73	107
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-6	-2	-3	0	0	3	26	8	-1	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15333	269	181	425	1416	1636	1666	1722	1735	1662	1666	405	126	143	802	798	682
RELEASE	15333	269	181	425	1416	1636	1666	1722	1722	1636	1666	405	126	143	802	798	721
STOR CHANGE										13	26						-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	27.1	13.6	9.1	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	95	48	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	641.6	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	70.6	17.4	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1135	145	68	87	113	219	158	95	70	44	31	16	7	9	16	-3	60
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16221	408	246	509	1509	1821	1794	1781	1758	1658	1688	415	131	148	806	782	768
KCFS		13.7	17.7	28.5	25.4	29.6	30.2	29.0	28.6	27.9	27.5	14.0	9.4	9.3	13.1	12.7	13.8
--TOTAL--																	
NAT INFLOW	21499	1256	586	753	1942	2883	5469	2922	1066	936	938	424	198	226	615	465	819
DEPLETION	2834	77	36	46	233	655	1442	974	149	-188	-39	-100	-46	-53	-143	-140	-70
CHAN STOR	21	117	-10	-22	-37	-26	-28	5	3	66	26	26	6	-78	-29	-9	11
EVAPORATION	1761							109	343	427	366	163	76	87	189		
STORAGE	40882	41770	42064	42241	42405	42786	44991	45053	43872	42977	41926	41897	41940	41906	41640	41454	41585
SYSTEM POWER																	
AVE POWER MW		497	644	817	879	1002	1057	1129	1116	912	674	508	406	542	787	731	745
PEAK POW MW		2087	2087	2089	2091	2093	2122	2118	2101	2093	2046	2045	2046	2047	2029	2039	2049
ENERGY GWH	7417.4	178.9	108.2	176.6	632.8	745.1	761.2	840.3	830.4	656.4	501.7	182.8	68.3	104.1	585.9	544.2	500.6
DAILY GWH		11.9	15.5	19.6	21.1	24.0	25.4	27.1	26.8	21.9	16.2	12.2	9.8	13.0	18.9	17.6	17.9
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

	28FEB05	2005											2006			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6613	267	124	160	579	1019	1603	698	289	278	357	185	86	98	325	233	312
DEPLETION	387	-11	-5	-6	50	311	513	174	-57	-131	-72	-33	-15	-17	-110	-121	-83
EVAPORATION	457							28	87	109	96	43	20	23	50		
MOD INFLOW	5769	277	129	166	529	708	1090	496	259	300	333	174	81	93	385	354	395
RELEASE	5372	134	62	80	417	492	565	584	553	274	264	124	58	127	553	584	500
STOR CHANGE	398	143	67	86	112	216	525	-88	-294	26	69	50	23	-34	-168	-230	-105
STORAGE	10518	10661	10728	10814	10926	11143	11667	11579	11285	11311	11380	11431	11453	11419	11250	11020	10915
ELEV FTMSL	2209.7	2210.6	2211.0	2211.5	2212.2	2213.4	2216.5	2216.0	2214.3	2214.4	2214.8	2215.1	2215.3	2215.1	2214.1	2212.7	2212.1
DISCH KCFS	9.5	4.5	4.5	4.5	7.0	8.0	9.5	9.5	9.0	4.6	4.3	4.2	4.2	8.0	9.0	9.5	9.0
POWER																	
AVE POWER MW		56	56	56	87	100	120	120	114	58	54	53	53	101	113	119	112
PEAK POW MW		183	184	185	185	187	191	191	188	188	189	189	190	189	188	186	185
ENERGY GWH	816.0	20.0	9.4	12.1	62.7	74.3	86.2	89.6	84.5	41.8	40.4	18.9	8.9	19.4	84.2	88.4	75.3
--GARRISON--																	
NAT INFLOW	10134	478	223	287	768	1290	2718	1903	535	449	431	176	82	94	240	178	282
DEPLETION	983	14	7	8	28	202	732	491	55	-103	-1	-100	-46	-53	-105	-87	-59
CHAN STOR	5	54			-27	-11	-16		5	46	3	1	-1	-40	-10	-5	5
EVAPORATION	542							33	105	131	114	51	24	27	58		
REG INFLOW	13986	652	279	359	1130	1569	2535	1963	934	741	586	349	163	207	830	844	846
RELEASE	13505	476	194	250	1012	1230	1339	1353	1322	886	768	368	172	301	1230	1383	1222
STOR CHANGE	480	176	85	109	118	339	1196	610	-388	-145	-183	-18	-9	-95	-400	-540	-376
STORAGE	12659	12835	12919	13028	13146	13486	14682	15293	14904	14759	14576	14558	14549	14455	14055	13515	13139
ELEV FTMSL	1817.5	1818.2	1818.6	1819.0	1819.5	1820.8	1825.5	1827.7	1826.3	1825.8	1825.1	1825.0	1825.0	1824.6	1823.1	1820.9	1819.5
DISCH KCFS	21.5	16.0	14.0	14.0	17.0	20.0	22.5	22.0	21.5	14.9	12.5	12.4	12.4	19.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		176	155	155	188	223	255	254	249	172	144	142	142	217	227	252	243
PEAK POW MW		321	322	323	325	329	342	431	425	423	421	421	420	419	413	406	400
ENERGY GWH	1848.2	63.3	26.0	33.5	135.6	165.6	183.7	188.8	185.1	123.8	107.1	51.1	23.8	41.7	168.7	187.1	163.3
--OAHE--																	
NAT INFLOW	1794	190	89	114	283	161	714	127	30	80	11				-43	-7	45
DEPLETION	597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR	-3	27	10		-14	-14	-12	2	2	32	12	1	0	-33	-5	-12	2
EVAPORATION	475							30	92	113	98	44	21	24	52		
REG INFLOW	14225	671	282	351	1234	1311	1915	1305	1166	861	701	322	150	244	1119	1348	1244
RELEASE	13728	347	238	352	1208	1454	1380	1681	1673	1305	716	235	116	134	1139	1008	744
STOR CHANGE	497	324	44	-1	26	-143	535	-376	-507	-444	-14	88	34	110	-20	341	500
STORAGE	13246	13570	13614	13613	13639	13496	14031	13656	13149	12705	12691	12778	12812	12922	12902	13243	13743
ELEV FTMSL	1586.8	1588.2	1588.4	1588.4	1588.5	1587.9	1590.1	1588.6	1586.4	1584.5	1584.4	1584.8	1585.0	1585.5	1585.4	1586.8	1588.9
DISCH KCFS	16.2	11.7	17.1	19.7	20.3	23.7	23.2	27.3	27.2	21.9	11.6	7.9	8.4	8.4	18.5	16.4	13.4
POWER																	
AVE POWER MW		135	200	229	236	275	270	319	314	251	133	90	96	97	212	188	156
PEAK POW MW		612	613	613	614	610	622	614	603	592	592	594	595	598	597	605	616
ENERGY GWH	1921.1	48.8	33.5	49.5	170.1	204.3	194.7	237.3	233.7	180.5	98.8	32.5	16.1	18.5	157.7	140.2	104.7
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13599	347	238	352	1208	1454	1380	1673	1648	1274	689	222	111	127	1125	1008	744
RELEASE	13599	347	238	352	1208	1454	1380	1673	1648	1274	689	222	111	127	1125	1008	744
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.2	11.7	17.1	19.7	20.3	23.7	23.2	27.2	26.8	21.4	11.2	7.5	8.0	8.0	18.3	16.4	13.4
POWER																	
AVE POWER MW		55	80	92	95	111	109	127	125	102	57	38	40	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	784.0	19.9	13.5	19.9	68.4	82.4	78.1	94.8	93.4	73.4	42.1	13.7	6.8	7.8	67.2	59.3	43.2
--FORT RANDALL--																	
NAT INFLOW	659	90	42	54	84	67	171	34	65	31	2				7	-7	20
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14033	435	279	405	1288	1512	1539	1679	1667	1259	657	212	105	121	1116	998	761
RELEASE	14033	161	145	388	1288	1512	1539	1679	1667	1606	1545	230	106	121	750	726	572
STOR CHANGE	0	274	134	17				0	0	-347	-887	-18	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2315	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.8	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.4	10.4	21.7	21.6	24.6	25.9	27.3	27.1	27.0	25.1	7.7	7.6	7.6	12.2	11.8	10.3
POWER																	
AVE POWER MW		45	88	183	183	207	218	230	228	223	193	57	56	56	91	92	83
PEAK POW MW		349	354	355	355	355	355	355	355	341	284	283	283	283	311	329	338
ENERGY GWH	1391.2	16.1	14.8	39.6	131.6	154.2	156.8	170.9	169.7	160.8	143.6	20.4	9.4	10.7	68.0	68.8	55.8
--GAVINS POINT--																	
NAT INFLOW	1342	98	46	59	133	148	154	87	86	62	112	51	24	27	75	73	108
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	0	3	32	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15213	269	181	425	1416	1636	1666	1722	1735	1662	1648	303	125	143	801	798	683
RELEASE	15213	269	181	425	1416	1636	1666	1722	1722	1636	1648	303	125	143	801	798	722
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.1	23.8	23.8	26.6	28.0	28.0	28.0	27.5	26.8	10.2	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	94	36	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	636.5	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	69.9	13.0	5.4	6.2	34.4	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1160	149	69	89	116	224	161	97	72	45	31	16	7	9	17	-3	61
DEPLETION	248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16125	411	248	511	1512	1826	1797	1782	1760	1659	1670	313	130	148	806	782	770
KCFS		13.8	17.8	28.6	25.4	29.7	30.2	29.0	28.6	27.9	27.2	10.5	9.3	9.4	13.1	12.7	13.9
--TOTAL--																	
NAT INFLOW	21702	1271	593	762	1963	2909	5521	2946	1077	945	944	427	199	228	621	467	828
DEPLETION	2409	33	15	20	153	640	1437	906	153	-186	-69	-119	-56	-63	-179	-175	-101
CHAN STOR	-3	90	0	-22	-41	-31	-30	0	8	78	14	35	0	-73	-24	-17	11
EVAPORATION	1790							111	349	434	372	166	78	89	193		
STORAGE	41585	42503	42833	43044	43301	43713	45970	46117	44940	44056	43041	43143	43190	43171	42948	42791	42961
SYSTEM POWER																	
AVE POWER MW		499	624	797	871	1006	1067	1146	1126	901	675	415	419	543	780	777	704
PEAK POW MW		2097	2098	2099	2102	2105	2134	2214	2196	2187	2141	2143	2143	2144	2126	2142	2144
ENERGY GWH	7397.1	179.5	104.8	172.2	627.2	748.3	768.2	852.4	837.6	649.0	501.9	149.6	70.5	104.3	580.4	578.1	473.1
DAILY GWH		12.0	15.0	19.1	20.9	24.1	25.6	27.5	27.0	21.6	16.2	10.0	10.1	13.0	18.7	18.6	16.9

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

	28FEB06	2006											2007			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6720	271	126	163	588	1036	1629	709	294	282	363	188	88	100	330	237	317
DEPLETION	399	-11	-5	-6	50	312	517	182	-52	-131	-72	-34	-16	-18	-112	-122	-84
EVAPORATION	469							28	89	112	98	45	21	24	51		
MOD INFLOW	5852	282	131	169	538	724	1112	499	257	301	337	176	82	94	391	359	401
RELEASE	5384	134	62	80	357	492	565	584	584	310	261	129	60	127	553	584	500
STOR CHANGE	468	148	69	89	181	232	547	-86	-327	-10	76	47	22	-33	-163	-225	-99
STORAGE	10915	11063	11132	11221	11402	11634	12180	12095	11767	11758	11834	11881	11903	11870	11707	11482	11383
ELEV FTMSL	2212.1	2213.0	2213.4	2213.9	2215.0	2216.3	2219.4	2218.9	2217.1	2217.0	2217.4	2217.7	2217.8	2217.7	2216.7	2215.4	2214.9
DISCH KCFS	9.0	4.5	4.5	4.5	6.0	8.0	9.5	9.5	9.5	5.2	4.2	4.3	4.3	8.0	9.0	9.5	9.0
POWER																	
AVE POWER MW		56	56	57	76	101	121	122	121	67	54	56	56	102	115	120	114
PEAK POW MW		187	187	188	189	191	195	194	192	192	193	193	193	193	192	190	189
ENERGY GWH	828.8	20.3	9.5	12.2	54.4	75.3	87.4	90.9	90.4	48.0	40.4	20.0	9.4	19.6	85.3	89.5	76.3
--GARRISON--																	
NAT INFLOW	10262	484	226	290	777	1306	2752	1927	542	455	437	179	83	95	243	180	286
DEPLETION	977	-2	-1	-1	-4	214	753	519	60	-105	-6	-102	-48	-54	-104	-85	-57
CHAN STOR	0	48			-16	-21	-16			44	10	-1		-38	-10	-5	5
EVAPORATION	558							34	108	135	117	53	24	28	60		
REG INFLOW	14111	668	289	372	1122	1563	2548	1958	958	780	597	356	167	211	830	844	848
RELEASE	13537	446	194	250	1012	1168	1339	1353	1322	982	791	370	173	301	1230	1383	1222
STOR CHANGE	574	222	95	122	110	394	1210	605	-364	-202	-194	-14	-6	-91	-400	-540	-374
STORAGE	13139	13361	13456	13578	13688	14082	15292	15898	15534	15332	15137	15123	15117	15027	14627	14087	13714
ELEV FTMSL	1819.5	1820.3	1820.7	1821.2	1821.6	1823.2	1827.7	1829.9	1828.6	1827.9	1827.2	1827.1	1827.1	1826.8	1825.3	1823.2	1821.7
DISCH KCFS	22.0	15.0	14.0	14.0	17.0	19.0	22.5	22.0	21.5	16.5	12.9	12.4	12.4	19.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		167	157	157	191	215	259	259	254	194	151	146	146	221	232	257	248
PEAK POW MW		327	328	330	331	336	349	355	352	349	347	347	347	346	342	336	331
ENERGY GWH	1889.0	60.2	26.4	34.0	137.7	159.8	186.6	192.9	189.1	140.0	112.6	52.5	24.5	42.5	172.3	191.2	166.9
--OAHE--																	
NAT INFLOW	1860	197	92	118	294	167	740	131	31	83	12				-45	-7	46
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	0	33	5		-14	-9	-17	2	2	24	18	2		-32	-5	-12	2
EVAPORATION	490							31	95	117	101	46	22	25	54		
REG INFLOW	14294	655	281	355	1244	1260	1933	1304	1160	947	728	325	151	244	1115	1348	1244
RELEASE	13708	340	235	348	1202	1449	1371	1678	1669	1303	714	263	114	134	1139	1008	743
STOR CHANGE	586	315	46	6	43	-189	563	-373	-508	-356	14	62	36	111	-24	341	501
STORAGE	13743	14058	14103	14110	14152	13963	14525	14152	13644	13288	13302	13364	13400	13511	13487	13827	14329
ELEV FTMSL	1588.9	1590.2	1590.4	1590.4	1590.6	1589.8	1592.1	1590.6	1588.5	1587.0	1587.1	1587.3	1587.5	1588.0	1587.9	1589.3	1591.3
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	23.6	23.0	27.3	27.1	21.9	11.6	8.8	8.2	8.4	18.5	16.4	13.4
POWER																	
AVE POWER MW		134	199	230	238	277	272	322	317	254	134	103	95	98	215	191	158
PEAK POW MW		622	623	623	624	620	631	624	614	606	606	607	608	611	610	617	627
ENERGY GWH	1942.6	48.3	33.5	49.6	171.3	205.9	195.6	239.6	236.0	182.6	100.0	36.9	16.0	18.8	160.1	142.2	106.0
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13579	340	235	348	1202	1449	1371	1670	1644	1272	687	251	108	127	1125	1008	743
RELEASE	13579	340	235	348	1202	1449	1371	1670	1644	1272	687	251	108	127	1125	1008	743
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	23.6	23.0	27.2	26.7	21.4	11.2	8.4	7.8	8.0	18.3	16.4	13.4
POWER																	
AVE POWER MW		54	79	91	95	110	108	127	125	102	56	43	40	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	782.9	19.5	13.3	19.7	68.1	82.1	77.6	94.6	93.1	73.3	42.0	15.4	6.6	7.8	67.2	59.3	43.2
--FORT RANDALL--																	
NAT INFLOW	690	94	44	56	88	70	179	36	68	32	2				7	-7	21
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14044	432	278	404	1286	1510	1538	1678	1666	1258	655	240	103	121	1116	998	761
RELEASE	14044	158	144	387	1286	1510	1538	1678	1666	1605	1543	258	103	121	750	726	572
STOR CHANGE	0	274	134	17				0	0	-347	-887	-18	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2315	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.8	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.3	10.4	21.7	21.6	24.6	25.8	27.3	27.1	27.0	25.1	8.7	7.4	7.6	12.2	11.8	10.3
POWER																	
AVE POWER MW		44	88	183	182	207	218	230	228	223	193	63	54	56	91	92	83
PEAK POW MW		349	354	355	355	355	355	355	355	341	284	283	283	283	311	329	338
ENERGY GWH	1392.0	15.8	14.7	39.5	131.4	154.0	156.7	170.8	169.6	160.7	143.4	22.8	9.2	10.7	68.0	68.8	55.8
--GAVINS POINT--																	
NAT INFLOW	1359	100	47	60	135	150	155	88	87	63	114	51	24	27	76	74	109
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-6	-2	-3	0	0	4	30	2	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15241	267	181	425	1416	1636	1666	1722	1735	1662	1648	330	125	143	802	799	684
RELEASE	15241	267	181	425	1416	1636	1666	1722	1722	1636	1648	330	125	143	802	799	723
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	26.8	11.1	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	94	39	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	637.7	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	69.9	14.2	5.4	6.2	34.5	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1211	155	72	93	121	234	168	101	75	47	33	17	8	9	17	-3	64
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16201	416	250	514	1516	1835	1804	1786	1763	1661	1671	341	130	149	807	783	774
KCFS		14.0	18.0	28.8	25.5	29.8	30.3	29.0	28.7	27.9	27.2	11.5	9.4	9.4	13.1	12.7	13.9
--TOTAL--																	
NAT INFLOW	22102	1301	607	780	2003	2963	5623	2992	1097	962	961	434	203	231	628	474	843
DEPLETION	2434	17	8	10	123	655	1465	946	167	-187	-73	-123	-57	-65	-180	-174	-99
CHAN STOR	-5	91	-5	-22	-30	-36	-35	0	3	68	26	32	2	-70	-24	-17	10
EVAPORATION	1833							113	357	444	381	170	79	91	198		
STORAGE	42961	43920	44263	44497	44831	45268	47587	47733	46547	45658	44667	44744	44796	44783	44562	44410	44589
SYSTEM POWER																	
AVE POWER MW		486	624	798	862	1000	1071	1154	1140	934	682	449	422	549	788	785	711
PEAK POW MW		2193	2194	2196	2200	2204	2236	2236	2219	2212	2166	2167	2168	2169	2151	2166	2168
ENERGY GWH	7461.2	175.0	104.9	172.5	620.7	743.7	771.4	858.5	848.2	672.4	507.6	161.6	70.9	105.4	586.3	584.2	478.0
DAILY GWH		11.7	15.0	19.2	20.7	24.0	25.7	27.7	27.4	22.4	16.4	10.8	10.1	13.2	18.9	18.8	17.1

TIME OF STUDY 09:49:36 CWCP, STEADY RELEASE, 24-DAY SHORTENED SEASON STUDY NO 17
VALUES IN 1000 AF EXCEPT AS INDICATED

	28FEB07	2007											2008			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	6751	272	127	163	591	1041	1636	712	295	284	365	188	88	100	332	238	318
DEPLETION	409	-11	-5	-6	50	312	521	189	-48	-132	-72	-33	-15	-18	-110	-120	-93
EVAPORATION	477							29	91	114	100	45	21	24	52		
MOD INFLOW	5865	283	132	170	541	729	1115	494	252	302	337	176	82	94	390	358	411
RELEASE	5383	134	62	80	357	492	565	584	553	308	279	127	59	127	553	584	518
STOR CHANGE	481	149	70	89	184	237	550	-90	-301	-6	58	49	23	-33	-164	-226	-107
STORAGE	11383	11532	11602	11692	11875	12113	12662	12572	12271	12264	12323	12372	12395	12361	12198	11971	11865
ELEV FTMSL	2214.9	2215.7	2216.1	2216.6	2217.7	2219.0	2222.1	2221.6	2219.9	2219.9	2220.2	2220.5	2220.6	2220.4	2219.5	2218.2	2217.6
DISCH KCFS	9.0	4.5	4.5	4.5	6.0	8.0	9.5	9.5	9.0	5.2	4.5	4.3	4.3	8.0	9.0	9.5	9.0
POWER																	
AVE POWER MW		57	57	57	77	103	123	124	117	67	59	55	55	104	116	122	115
PEAK POW MW		190	191	191	193	195	198	198	196	196	196	196	197	196	195	194	193
ENERGY GWH	839.3	20.5	9.6	12.4	55.2	76.3	88.5	91.9	86.7	48.3	43.7	19.9	9.3	19.9	86.4	90.7	80.1
--GARRISON--																	
NAT INFLOW	10290	485	226	291	779	1310	2760	1932	543	456	438	179	84	95	243	181	287
DEPLETION	963	0	0	0	-1	210	759	530	60	-110	-19	-106	-49	-56	-105	-85	-64
CHAN STOR	0	48			-16	-21	-16		5	39	7	3	0	-39	-10	-5	5
EVAPORATION	572							35	110	138	120	54	25	29	62		
REG INFLOW	14138	668	289	372	1121	1571	2551	1951	931	775	622	360	167	211	829	845	874
RELEASE	13553	446	194	250	1012	1168	1339	1353	1322	952	800	377	176	286	1230	1383	1265
STOR CHANGE	585	221	95	122	110	403	1212	599	-391	-177	-177	-17	-9	-74	-400	-539	-392
STORAGE	13714	13935	14030	14151	14261	14664	15875	16474	16083	15907	15730	15712	15703	15629	15228	14690	14298
ELEV FTMSL	1821.7	1822.6	1823.0	1823.4	1823.9	1825.4	1829.9	1832.0	1830.6	1830.0	1829.3	1829.3	1829.2	1829.0	1827.5	1825.5	1824.0
DISCH KCFS	22.0	15.0	14.0	14.0	17.0	19.0	22.5	22.0	21.5	16.0	13.0	12.7	12.7	18.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		169	158	159	193	217	261	261	256	190	154	150	150	212	234	259	251
PEAK POW MW		412	413	415	416	422	438	446	441	439	436	436	436	435	430	422	417
ENERGY GWH	1906.7	60.7	26.6	34.3	138.9	161.2	188.1	194.3	190.4	136.7	114.6	54.0	25.2	40.6	173.7	192.9	174.5
--OAHE--																	
NAT INFLOW	1877	199	93	119	297	168	747	132	31	84	12				-45	-7	47
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	0	33	5		-14	-9	-16	2	2	26	14	2		-25	-9	-12	2
EVAPORATION	505							32	98	121	105	47	22	26	55		
REG INFLOW	14299	655	281	356	1248	1260	1938	1299	1155	916	730	330	153	234	1108	1348	1289
RELEASE	13694	339	235	348	1201	1448	1368	1678	1669	1303	714	234	116	133	1133	1008	769
STOR CHANGE	605	317	47	8	47	-188	570	-378	-514	-386	16	96	37	101	-25	340	520
STORAGE	14329	14645	14692	14700	14746	14558	15128	14750	14236	13849	13866	13961	13998	14099	14074	14414	14934
ELEV FTMSL	1591.3	1592.6	1592.8	1592.8	1593.0	1592.2	1594.5	1593.0	1590.9	1589.4	1589.4	1589.8	1590.0	1590.4	1590.3	1591.7	1593.7
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	23.6	23.0	27.3	27.1	21.9	11.6	7.9	8.4	8.4	18.4	16.4	13.4
POWER																	
AVE POWER MW		136	202	232	241	280	275	326	322	257	136	93	99	99	217	194	160
PEAK POW MW		634	635	635	636	632	643	636	626	618	618	620	621	623	622	629	639
ENERGY GWH	1967.1	48.8	33.9	50.2	173.4	208.6	197.8	242.9	239.2	185.2	101.4	33.4	16.6	19.0	161.4	144.2	111.2
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13565	339	235	348	1201	1448	1368	1670	1644	1272	687	222	110	127	1119	1008	769
RELEASE	13565	339	235	348	1201	1448	1368	1670	1644	1272	687	222	110	127	1119	1008	769
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	23.6	23.0	27.2	26.7	21.4	11.2	7.5	8.0	8.0	18.2	16.4	13.4
POWER																	
AVE POWER MW		54	79	91	94	110	108	127	125	102	56	38	40	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	782.0	19.4	13.3	19.7	68.0	82.0	77.5	94.6	93.1	73.3	42.0	13.6	6.8	7.8	66.9	59.3	44.7
--FORT RANDALL--																	
NAT INFLOW	696	95	44	57	89	71	181	36	68	32	2				7	-7	21
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14036	432	278	404	1286	1510	1537	1678	1666	1258	655	211	105	121	1110	998	787
RELEASE	14036	158	144	387	1286	1510	1537	1678	1666	1605	1543	229	105	121	744	726	598
STOR CHANGE	0	274	134	17	0	0	0	0	0	-347	-887	-18	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2315	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.8	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.3	10.4	21.7	21.6	24.6	25.8	27.3	27.1	27.0	25.1	7.7	7.6	7.6	12.1	11.8	10.4
POWER																	
AVE POWER MW		44	88	183	182	207	217	230	228	223	193	56	56	56	91	92	84
PEAK POW MW		349	354	355	355	355	355	355	355	341	284	283	283	283	311	329	338
ENERGY GWH	1391.6	15.8	14.7	39.5	131.4	154.0	156.6	170.8	169.6	160.7	143.4	20.3	9.3	10.7	67.5	68.8	58.4
--GAVINS POINT--																	
NAT INFLOW	1362	100	47	60	135	150	156	88	87	63	114	51	24	27	76	75	110
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-6	-2	-3	0	0	4	32	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15236	267	181	425	1416	1636	1666	1722	1735	1662	1648	303	125	143	796	800	711
RELEASE	15236	267	181	425	1416	1636	1666	1722	1722	1636	1648	303	125	143	796	800	750
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	26.8	10.2	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	94	36	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	637.5	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	69.9	13.0	5.4	6.2	34.2	34.4	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1223	157	73	94	122	236	170	102	75	47	33	17	8	9	18	-3	65
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	16205	418	251	515	1517	1837	1806	1787	1762	1660	1671	314	130	149	802	784	801
KCFS		14.0	18.1	28.9	25.5	29.9	30.4	29.1	28.7	27.9	27.2	10.6	9.4	9.4	13.0	12.8	13.9
--TOTAL--																	
NAT INFLOW	22199	1308	610	785	2013	2976	5650	3002	1099	966	964	435	203	232	631	477	848
DEPLETION	2446	19	9	11	126	652	1478	969	175	-192	-87	-126	-59	-67	-178	-171	-114
CHAN STOR	-6	90	-5	-22	-30	-36	-34	-1	8	65	19	37	0	-64	-28	-16	10
EVAPORATION	1872							116	364	453	389	174	81	93	202		
STORAGE	44589	45550	45896	46132	46472	46924	49255	49385	48192	47301	46311	46421	46471	46464	46241	46089	46260
SYSTEM POWER																	
AVE POWER MW		491	629	804	869	1008	1079	1163	1143	934	692	428	432	543	793	793	720
PEAK POW MW		2216	2218	2219	2223	2227	2258	2258	2242	2235	2190	2191	2192	2193	2175	2190	2192
ENERGY GWH	7524.2	176.7	105.8	173.7	625.7	749.7	777.1	865.4	850.3	672.8	514.9	154.2	72.5	104.2	590.1	590.3	500.8
DAILY GWH		11.8	15.1	19.3	20.9	24.2	25.9	27.9	27.4	22.4	16.6	10.3	10.4	13.0	19.0	19.0	17.3
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB

	29FEB08	2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7022	283	132	170	615	1083	1702	741	307	295	379	196	91	104	345	248	331
DEPLETION	422	-11	-5	-6	50	313	525	196	-44	-132	-75	-35	-16	-18	-113	-123	-84
EVAPORATION	494							30	94	118	104	47	22	25	54		
MOD INFLOW	6106	294	137	176	565	770	1177	515	257	309	350	183	85	97	404	371	415
RELEASE	5490	134	62	80	357	492	595	584	553	286	258	120	56	127	615	615	555
STOR CHANGE	616	160	75	96	208	278	582	-69	-297	23	92	63	29	-29	-211	-244	-140
STORAGE	11865	12025	12099	12195	12403	12681	13263	13194	12897	12921	13013	13076	13105	13076	12865	12621	12481
ELEV FTMSL	2217.6	2218.5	2218.9	2219.5	2220.6	2222.2	2225.3	2225.0	2223.4	2223.5	2224.0	2224.3	2224.5	2224.3	2223.2	2221.9	2221.1
DISCH KCFS	9.0	4.5	4.5	4.5	6.0	8.0	10.0	9.5	9.0	4.8	4.2	4.0	4.0	8.0	10.0	10.0	10.0
POWER																	
AVE POWER MW		58	58	58	78	104	131	125	118	63	55	53	53	105	131	130	130
PEAK POW MW		194	195	195	197	198	201	201	199	200	200	200	201	200	199	198	197
ENERGY GWH	868.8	20.8	9.7	12.5	55.9	77.4	94.4	93.3	88.0	45.4	41.2	19.1	8.9	20.2	97.6	97.0	87.2
--GARRISON--																	
NAT INFLOW	10598	500	233	300	803	1349	2842	1990	559	470	451	185	86	98	251	186	295
DEPLETION	1160					216	774	553	56	-134	9	-90	-42	-48	-67	-46	-22
CHAN STOR	-10	47			-16	-21	-21	5	5	42	6	2	0	-40	-20		
EVAPORATION	589							36	114	142	123	55	26	29	64		
REG INFLOW	14329	681	296	380	1144	1604	2642	1991	948	790	583	340	158	203	849	847	872
RELEASE	13572	446	194	250	1012	1138	1339	1353	1322	952	877	370	173	286	1230	1353	1277
STOR CHANGE	757	235	101	130	133	467	1304	638	-374	-162	-294	-30	-15	-82	-381	-506	-405
STORAGE	14298	14533	14634	14765	14897	15364	16667	17305	16931	16769	16475	16445	16430	16347	15966	15460	15055
ELEV FTMSL	1824.0	1824.9	1825.3	1825.8	1826.3	1828.0	1832.6	1834.8	1833.6	1833.0	1832.0	1831.9	1831.8	1831.5	1830.2	1828.4	1826.9
DISCH KCFS	22.0	15.0	14.0	14.0	17.0	18.5	22.5	22.0	21.5	16.0	14.3	12.5	12.5	18.0	20.0	22.0	23.0
POWER																	
AVE POWER MW		171	161	161	196	215	266	266	261	194	172	150	150	215	238	258	267
PEAK POW MW		420	422	423	425	432	449	457	452	450	446	446	445	444	439	433	427
ENERGY GWH	1943.6	61.7	27.0	34.8	141.1	169.7	191.5	197.8	194.0	139.4	127.9	53.9	25.1	41.3	176.7	192.2	179.4
--OAHE--																	
NAT INFLOW	2048	217	101	130	324	183	815	144	34	92	13				-49	-8	51
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	-4	32	5		-14	-7	-18	2	2	25	8	8		-26	-9	-9	-5
EVAPORATION	523							33	101	125	108	49	23	26	57		
REG INFLOW	14451	672	289	366	1274	1246	2001	1306	1151	918	799	328	149	233	1102	1319	1297
RELEASE	13693	459	121	339	1239	1465	1341	1670	1659	1334	710	233	116	132	1132	1009	735
STOR CHANGE	758	214	168	27	35	-219	660	-364	-508	-415	89	95	34	100	-30	310	561
STORAGE	14934	15147	15316	15343	15378	15158	15818	15455	14947	14532	14621	14716	14750	14850	14820	15130	15692
ELEV FTMSL	1593.7	1594.5	1595.2	1595.3	1595.4	1594.6	1597.1	1595.7	1593.8	1592.1	1592.5	1592.9	1593.0	1593.4	1593.3	1594.5	1596.6
DISCH KCFS	13.4	15.4	8.7	19.0	20.8	23.8	22.5	27.2	27.0	22.4	11.5	7.8	8.3	8.3	18.4	16.4	13.2
POWER																	
AVE POWER MW		186	106	230	252	287	273	330	325	267	138	94	100	100	220	197	161
PEAK POW MW		643	647	647	648	644	656	649	639	631	633	635	636	638	637	643	654
ENERGY GWH	1996.3	66.8	17.8	49.6	181.4	213.8	196.6	245.3	241.5	192.5	102.5	33.7	16.8	19.2	164.0	146.7	108.0
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13564	459	121	339	1239	1465	1341	1662	1634	1303	683	220	110	126	1118	1009	735
RELEASE	13564	459	121	339	1239	1465	1341	1662	1634	1303	683	220	110	126	1118	1009	735
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	15.4	8.7	19.0	20.8	23.8	22.5	27.0	26.6	21.9	11.1	7.4	7.9	7.9	18.2	16.4	13.2
POWER																	
AVE POWER MW		72	41	89	98	112	105	127	124	104	56	38	40	40	90	80	64
PEAK POW MW		510	509	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	781.7	26.0	6.9	19.2	70.2	83.0	75.9	94.1	92.6	75.1	41.8	13.5	6.7	7.7	66.8	59.4	42.7
--FORT RANDALL--																	
NAT INFLOW	779	106	49	64	100	79	203	41	76	36	2				8	-8	23
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14118	563	170	402	1335	1535	1532	1675	1664	1293	651	210	105	120	1110	998	755
RELEASE	14118	155	153	402	1335	1535	1532	1675	1664	1640	1538	228	105	120	744	726	566
STOR CHANGE	0	409	17					0	0	-347	-887	-18	0	0	366	272	189
STORAGE	3123	3532	3549	3549	3549	3549	3549	3549	3549	3202	2315	2297	2296	2296	2662	2934	3123
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.8	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.4	5.2	11.0	22.5	22.4	25.0	25.7	27.2	27.1	27.6	25.0	7.6	7.5	7.6	12.1	11.8	10.2
POWER																	
AVE POWER MW		43	94	190	189	210	217	229	228	228	192	56	55	55	91	92	82
PEAK POW MW		354	355	355	355	355	355	355	355	341	284	283	283	283	311	329	338
ENERGY GWH	1400.1	15.7	15.7	41.0	136.4	156.5	156.1	170.5	169.4	164.1	143.0	20.2	9.3	10.6	67.5	68.8	55.3
--GAVINS POINT--																	
NAT INFLOW	1401	103	48	62	139	155	160	91	89	65	117	53	25	28	78	77	113
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-11	-22	0	-5	-1	-3	0	-1	5	32	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15357	268	190	441	1470	1666	1666	1722	1735	1698	1648	303	125	143	798	802	682
RELEASE	15357	268	190	441	1470	1666	1666	1722	1722	1672	1648	303	125	143	798	802	721
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.7	24.7	24.7	27.1	28.0	28.0	28.0	28.1	26.8	10.2	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	48	85	85	92	95	95	96	97	94	36	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	642.2	11.4	8.0	18.3	60.9	68.7	68.6	70.9	71.3	70.2	69.9	13.0	5.4	6.2	34.3	34.5	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1356	174	81	104	135	262	188	113	84	52	37	19	9	10	20	-4	72
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	16458	435	268	542	1584	1893	1824	1797	1771	1701	1675	316	131	150	806	785	779
KCFS		14.6	19.3	30.3	26.6	30.8	30.7	29.2	28.8	28.6	27.2	10.6	9.5	9.5	13.1	12.8	14.0
--TOTAL--																	
NAT INFLOW	23204	1383	645	829	2116	3111	5910	3120	1149	1010	999	452	211	241	653	491	885
DEPLETION	2672	20	9	12	128	660	1500	1004	178	-215	-62	-111	-52	-59	-143	-135	-62
CHAN STOR	-20	89	-7	-22	-29	-32	-40	4	8	67	14	43	0	-66	-38	-9	-2
EVAPORATION	1923							119	373	465	400	179	84	95	208		
STORAGE	46260	47277	47638	47892	48267	48792	51338	51543	50377	49502	48502	48612	48660	48649	48393	48225	48391
SYSTEM POWER																	
AVE POWER MW		562	507	812	897	1020	1088	1172	1151	954	707	426	430	549	816	804	749
PEAK POW MW		2237	2241	2244	2248	2252	2285	2285	2270	2264	2218	2220	2220	2221	2203	2219	2221
ENERGY GWH	7632.8	202.4	85.1	175.4	645.9	759.2	783.2	872.0	856.7	686.6	526.3	153.5	72.2	105.3	606.9	598.5	503.5
DAILY GWH		13.5	12.2	19.5	21.5	24.5	26.1	28.1	27.6	22.9	17.0	10.2	10.3	13.2	19.6	19.3	18.0

	29FEB04	2004											2005			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5435	250	116	150	549	834	1061	468	270	258	341	169	79	90	289	218	293
DEPLETION	419	2	1	1	86	321	476	145	-51	-123	-55	-32	-15	-17	-106	-125	-90
EVAPORATION	407							25	78	97	85	39	18	21	44		
MOD INFLOW	4609	247	115	148	463	513	585	298	243	284	311	162	76	87	351	343	383
RELEASE	5407	119	56	71	298	430	595	584	553	327	298	140	69	111	584	615	555
STOR CHANGE	-797	128	60	77	165	83	-10	-286	-310	-44	13	22	6	-24	-233	-272	-172
STORAGE	9348	9476	9536	9613	9779	9861	9851	9565	9255	9211	9224	9247	9253	9229	8995	8723	8551
ELEV FTMSL	2202.3	2203.2	2203.6	2204.1	2205.1	2205.6	2205.6	2203.7	2201.7	2201.4	2201.5	2201.7	2201.7	2201.6	2200.0	2198.2	2197.0
DISCH KCFS	11.5	4.0	4.0	4.0	5.0	7.0	10.0	9.5	9.0	5.5	4.8	4.7	5.0	7.0	9.5	10.0	10.0
POWER																	
AVE POWER MW		48	48	48	60	84	120	114	107	65	57	56	59	83	111	116	115
PEAK POW MW		173	174	175	176	177	177	174	172	171	171	171	172	171	169	167	165
ENERGY GWH	773.8	17.2	8.0	10.3	43.2	62.7	86.6	84.6	79.4	46.8	42.6	20.1	9.9	15.9	82.9	86.4	77.2
--GARRISON--																	
NAT INFLOW	8026	297	138	178	770	993	2221	1404	397	305	429	177	83	94	119	176	245
DEPLETION	1508	38	18	23	69	166	763	527	111	-65	64	-68	-32	-36	-40	-17	-12
CHAN STOR	16	83			-11	-22	-33	5	5	38	7	1	-3	-22	-28	-6	
EVAPORATION	477							30	93	115	99	45	21	24	51		
REG INFLOW	11464	461	176	227	987	1235	2020	1437	752	620	571	342	160	196	665	802	812
RELEASE	12419	446	167	214	833	984	1220	1261	1261	911	760	356	166	270	1230	1230	1111
STOR CHANGE	-955	15	10	12	154	252	800	176	-509	-291	-190	-14	-7	-74	-565	-427	-298
STORAGE	11235	11250	11259	11272	11426	11678	12478	12655	12146	11855	11665	11651	11644	11570	11006	10578	10280
ELEV FTMSL	1811.4	1811.5	1811.5	1811.6	1812.3	1813.3	1816.7	1817.5	1815.4	1814.1	1813.3	1813.2	1813.2	1812.9	1810.4	1808.4	1807.0
DISCH KCFS	22.0	15.0	12.0	12.0	14.0	16.0	20.5	20.5	20.5	15.3	12.4	12.0	12.0	17.0	20.0	20.0	20.0
POWER																	
AVE POWER MW		157	126	126	148	170	220	223	222	165	132	128	128	180	209	206	203
PEAK POW MW		301	302	302	304	307	317	319	313	309	307	307	306	306	298	292	288
ENERGY GWH	1591.5	56.7	21.2	27.3	106.3	126.1	158.4	166.1	165.3	118.5	98.4	46.0	21.5	34.6	155.8	153.1	136.4
--OAHE--																	
NAT INFLOW	1184	223	104	134	206	113	242	92	24	72	6	-6	-3	-3	-54	-13	47
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	10	36	15		-10	-10	-24			28	16	2		-28	-16		
EVAPORATION	394							25	76	95	82	37	17	20	43		
REG INFLOW	12634	683	275	334	983	1022	1315	1185	1116	894	708	315	146	219	1105	1201	1133
RELEASE	13624	367	263	371	1250	1493	1418	1708	1527	727	1078	242	122	138	1059	832	1030
STOR CHANGE	-991	315	12	-37	-267	-471	-102	-523	-411	167	-370	73	24	81	46	369	103
STORAGE	11786	12101	12113	12077	11810	11339	11237	10714	10303	10469	10100	10172	10196	10277	10323	10692	10795
ELEV FTMSL	1580.3	1581.8	1581.9	1581.7	1580.5	1578.2	1577.7	1575.1	1573.0	1573.9	1571.9	1572.3	1572.4	1572.9	1573.1	1575.0	1575.5
DISCH KCFS	16.9	12.4	19.0	20.8	21.0	24.3	23.8	27.8	24.8	12.2	17.5	8.1	8.8	8.7	17.2	13.5	18.5
POWER																	
AVE POWER MW		138	212	233	234	267	260	300	264	130	186	86	93	92	183	145	199
PEAK POW MW		578	579	578	571	559	557	543	532	537	526	529	529	531	533	543	545
ENERGY GWH	1784.2	49.7	35.7	50.2	168.4	198.9	187.3	223.1	196.8	93.8	138.3	31.0	15.6	17.7	135.9	107.7	134.0
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13496	367	263	371	1250	1493	1418	1700	1503	696	1051	230	116	131	1045	832	1030
RELEASE	13496	367	263	371	1250	1493	1418	1700	1503	696	1051	230	116	131	1045	832	1030
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.9	12.4	19.0	20.8	21.0	24.3	23.8	27.6	24.4	11.7	17.1	7.7	8.4	8.3	17.0	13.5	18.5
POWER																	
AVE POWER MW		58	89	97	98	114	112	129	116	59	86	39	42	42	85	67	89
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	783.4	21.0	14.9	21.0	70.8	84.6	80.3	96.3	86.0	42.6	64.0	14.1	7.1	8.1	63.0	49.9	59.8
--FORT RANDALL--																	
NAT INFLOW	366	67	31	40	52	42	146	16	44	-12	-62	-3	-1	-2		-7	15
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	130							10	31	33	23	10	5	5	13		
REG INFLOW	13645	433	294	410	1298	1526	1552	1688	1501	637	965	217	110	124	1029	822	1042
RELEASE	13646	170	149	393	1298	1526	1552	1688	1675	1612	1068	217	110	124	756	732	578
STOR CHANGE	-1	263	145	17				0	-174	-975	-103	0	0	0	273	90	464
STORAGE	3124	3387	3532	3549	3549	3549	3549	3549	3375	2399	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1339.3	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.6	5.7	10.7	22.0	21.8	24.8	26.1	27.5	27.2	27.1	17.4	7.3	7.9	7.8	12.3	11.9	10.4
POWER																	
AVE POWER MW		47	91	186	184	209	220	231	227	211	127	53	58	57	92	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	291	283	283	283	283	305	311	338
ENERGY GWH	1337.4	17.0	15.2	40.1	132.6	155.6	158.1	171.8	169.1	152.1	94.6	19.2	9.7	11.0	68.1	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1229	89	42	53	123	134	141	78	78	56	107	46	21	25	69	67	100
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	0	18	19	-1	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14713	269	181	425	1416	1636	1666	1722	1735	1662	1181	272	126	143	802	798	680
RELEASE	14713	269	181	425	1416	1636	1666	1722	1722	1636	1181	272	126	143	802	798	719
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	19.2	9.1	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	68	33	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	615.7	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	50.4	11.7	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	664	44	21	26	93	173	128	57	26	18	17	12	5	6	12	-6	32
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	15130	306	199	448	1489	1775	1764	1743	1714	1632	1189	278	128	147	802	779	738
KCFS		10.3	14.3	25.1	25.0	28.9	29.6	28.3	27.9	27.4	19.3	9.3	9.2	9.2	13.0	12.7	13.3
--TOTAL--																	
NAT INFLOW	16904	969	452	581	1793	2289	3939	2115	839	697	838	395	184	211	435	435	732
DEPLETION	2953	70	33	42	230	613	1428	908	212	-141	13	-87	-41	-46	-110	-109	-61
CHAN STOR	19	129	6	-22	-21	-38	-59	3	6	59	41	23	-4	-49	-52	-5	3
EVAPORATION	1584							100	311	382	327	147	69	78	170		
STORAGE	37533	38255	38481	38551	38604	38467	39155	38522	37131	36014	35364	35445	35468	35451	34972	34732	34789
SYSTEM POWER																	
AVE POWER MW		481	612	772	806	935	1027	1092	1032	726	656	395	412	486	726	671	734
PEAK POW MW		2034	2033	2032	2029	2021	2029	2015	1998	1963	1943	1945	1946	1947	1921	1929	1941
ENERGY GWH	6886.0	173.0	102.8	166.6	580.0	695.5	739.2	812.7	767.8	522.6	488.2	142.1	69.3	93.4	540.2	499.1	493.5
DAILY GWH		11.5	14.7	18.5	19.3	22.4	24.6	26.2	24.8	17.4	15.7	9.5	9.9	11.7	17.4	16.1	17.6

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

28FEB05		2005											2006			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5615	258	120	155	567	862	1097	483	279	266	352	175	81	93	298	226	303
DEPLETION	388	2	1	1	73	304	470	152	-46	-124	-57	-33	-15	-18	-107	-126	-90
EVAPORATION	393							24	75	94	82	37	17	20	43		
MOD INFLOW	4834	256	119	153	494	558	627	307	250	296	327	170	79	91	362	352	393
RELEASE	5117	119	56	71	298	461	536	553	523	299	250	121	97	127	553	553	500
STOR CHANGE	-283	137	64	82	196	97	91	-246	-273	-3	77	49	-18	-36	-191	-201	-107
STORAGE	8551	8687	8751	8833	9029	9126	9218	8971	8699	8696	8772	8822	8804	8768	8576	8375	8268
ELEV FTMSL	2197.0	2197.9	2198.4	2198.9	2200.2	2200.9	2201.5	2199.8	2198.0	2198.0	2198.5	2198.8	2198.7	2198.5	2197.2	2195.8	2195.0
DISCH KCFS	10.0	4.0	4.0	4.0	5.0	7.5	9.0	9.0	8.5	5.0	4.1	4.1	7.0	8.0	9.0	9.0	9.0
POWER																	
AVE POWER MW		46	46	47	59	88	106	106	99	58	47	47	81	93	104	103	102
PEAK POW MW		166	167	168	170	170	171	169	166	166	167	168	167	167	165	163	162
ENERGY GWH	718.1	16.7	7.8	10.1	42.1	65.5	76.2	78.5	73.5	41.9	35.2	17.1	13.7	17.8	77.2	76.4	68.5
--GARRISON--																	
NAT INFLOW	8444	312	146	187	810	1045	2337	1477	418	320	451	187	87	99	125	185	258
DEPLETION	1085	10	5	6	20	211	714	482	63	-120	6	-84	-39	-45	-69	-49	-27
CHAN STOR	11	68			-11	-28	-17		5	38	11	0	-32	-11	-11		
EVAPORATION	462							28	90	111	96	43	20	23	50		
REG INFLOW	12026	489	196	253	1076	1267	2142	1520	793	666	610	348	170	237	687	787	785
RELEASE	12375	446	167	214	893	1045	1250	1261	1230	899	680	329	153	270	1168	1261	1111
STOR CHANGE	-349	42	30	38	184	222	892	259	-436	-232	-70	19	17	-33	-481	-473	-326
STORAGE	10280	10322	10352	10390	10574	10796	11688	11947	11511	11279	11209	11227	11244	11211	10730	10257	9931
ELEV FTMSL	1807.0	1807.2	1807.4	1807.5	1808.4	1809.4	1813.4	1814.5	1812.6	1811.6	1811.3	1811.4	1811.4	1811.3	1809.1	1806.9	1805.3
DISCH KCFS	20.0	15.0	12.0	12.0	15.0	17.0	21.0	20.5	20.0	15.1	11.1	11.1	11.1	17.0	19.0	20.5	20.0
POWER																	
AVE POWER MW		152	122	122	153	175	219	217	211	158	116	116	116	177	195	207	199
PEAK POW MW		289	289	290	292	295	307	382	375	372	371	371	371	371	363	355	349
ENERGY GWH	1546.0	54.8	20.5	26.4	110.3	129.9	158.0	161.3	157.0	113.9	86.0	41.6	19.4	34.0	145.4	153.9	133.6
--OAHE--																	
NAT INFLOW	1263	238	111	143	220	120	259	99	25	77	6	-6	-3	-3	-58	-14	50
DEPLETION	597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR	0	27	16		-16	-11	-22	3	3	28	23			-33	-11	-8	3
EVAPORATION	378							23	71	90	79	36	17	19	42		
REG INFLOW	12663	689	283	343	1051	1090	1361	1192	1090	890	637	285	133	213	1046	1222	1139
RELEASE	13031	358	259	366	1243	1486	1401	1705	1522	624	632	256	120	137	1059	833	1029
STOR CHANGE	-367	330	24	-23	-192	-397	-40	-513	-432	265	5	29	13	76	-13	389	110
STORAGE	10795	11126	11149	11127	10935	10538	10498	9985	9553	9818	9824	9853	9866	9942	9929	10318	10428
ELEV FTMSL	1575.5	1577.2	1577.3	1577.2	1576.2	1574.2	1574.0	1571.3	1569.0	1570.4	1570.5	1570.6	1570.7	1571.1	1571.0	1573.1	1573.7
DISCH KCFS	18.5	12.0	18.7	20.5	20.9	24.2	23.5	27.7	24.8	10.5	10.3	8.6	8.7	8.7	17.2	13.5	18.5
POWER																	
AVE POWER MW		131	203	223	226	259	251	292	257	109	107	90	91	91	180	143	197
PEAK POW MW		554	555	554	549	539	538	523	511	519	519	520	520	522	522	533	536
ENERGY GWH	1671.8	47.1	34.2	48.2	163.1	193.0	180.6	217.5	191.3	78.7	80.0	32.5	15.3	17.5	134.3	106.4	132.3
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12902	358	259	366	1243	1486	1401	1697	1498	593	605	244	115	131	1045	833	1029
RELEASE	12902	358	259	366	1243	1486	1401	1697	1498	593	605	244	115	131	1045	833	1029
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	12.0	18.7	20.5	20.9	24.2	23.5	27.6	24.4	10.0	9.8	8.2	8.3	8.2	17.0	13.5	18.5
POWER																	
AVE POWER MW		57	88	96	98	113	110	129	115	50	50	42	42	42	85	67	89
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	747.8	20.5	14.7	20.7	70.4	84.2	79.3	96.1	85.8	36.4	37.0	15.0	7.0	8.0	63.0	49.9	59.7
--FORT RANDALL--																	
NAT INFLOW	404	74	35	44	58	47	161	18	48	-13	-69	-4	-2	-2		-8	16
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	128							10	31	32	22	10	5	5	13		
REG INFLOW	13089	431	293	410	1297	1524	1550	1687	1500	533	512	230	108	123	1029	822	1042
RELEASE	13089	167	148	393	1297	1524	1550	1687	1674	1611	512	230	108	123	756	732	578
STOR CHANGE	0	264	145	17				0	-174	-1078	0	0	0	0	273	90	464
STORAGE	3123	3387	3532	3549	3549	3549	3549	3549	3375	2297	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1337.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	24.8	26.0	27.4	27.2	27.1	8.3	7.7	7.8	7.8	12.3	11.9	10.4
POWER																	
AVE POWER MW		46	90	186	184	209	219	231	227	209	61	56	57	57	92	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	282	283	283	283	283	305	311	338
ENERGY GWH	1286.7	16.7	15.2	40.1	132.5	155.4	157.9	171.7	169.0	150.8	45.3	20.3	9.5	10.9	68.1	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1242	90	42	54	124	136	143	79	79	57	108	47	22	25	69	67	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	0	35	1	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14169	266	181	425	1416	1636	1666	1722	1735	1662	643	268	125	143	802	798	681
RELEASE	14169	266	181	425	1416	1636	1666	1722	1722	1636	643	268	125	143	802	798	720
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	10.5	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		31	46	82	82	91	95	95	96	95	37	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	592.7	11.3	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	27.7	11.6	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	730	48	23	29	102	191	141	63	29	20	18	13	6	7	13	-7	35
DEPLETION	248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	14651	308	201	450	1498	1793	1777	1748	1717	1634	652	275	128	147	803	778	742
KCFS		10.4	14.4	25.2	25.2	29.2	29.9	28.4	27.9	27.5	10.6	9.2	9.2	9.2	13.1	12.7	13.4
--TOTAL--																	
NAT INFLOW	17698	1020	476	612	1881	2401	4138	2219	878	727	866	411	192	219	447	449	763
DEPLETION	2512	42	20	25	168	642	1376	875	172	-196	-47	-104	-48	-55	-140	-142	-76
CHAN STOR	2	104	6	-22	-27	-44	-41	0	9	58	68	1	-33	-44	-31	-8	6
EVAPORATION	1537							96	300	369	317	144	67	77	167		
STORAGE	34789	35562	35824	35939	36127	36049	36993	36493	35191	34169	34180	34277	34289	34296	33883	33688	33790
SYSTEM POWER																	
AVE POWER MW		464	595	755	802	935	1001	1070	1005	681	418	383	419	491	702	657	715
PEAK POW MW		1990	1990	1990	1989	1983	1994	2053	2034	1994	1995	1996	1997	1998	1970	1977	1989
ENERGY GWH	6562.9	167.1	100.0	163.2	577.1	695.6	720.6	796.0	747.7	490.5	311.2	138.0	70.3	94.3	522.4	488.7	480.2
DAILY GWH		11.1	14.3	18.1	19.2	22.4	24.0	25.7	24.1	16.3	10.0	9.2	10.0	11.8	16.9	15.8	17.2

TIME OF STUDY 09:49:48 CWCP, STEADY RELEASE, 69-DAY SHORTENED SEASON STUDY NO 21
VALUES IN 1000 AF EXCEPT AS INDICATED

28FEB06		2006										2007			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5748	264	123	158	580	882	1123	495	285	273	361	179	83	95	305	231	310
DEPLETION	399	-3	-1	-2	76	308	478	159	-42	-124	-58	-34	-16	-18	-108	-126	-91
EVAPORATION	390							24	74	93	82	37	17	20	43		
MOD INFLOW	4959	267	125	160	504	574	645	312	253	304	337	175	82	93	370	357	401
RELEASE	4896	119	56	71	298	400	536	553	523	282	244	118	83	127	492	523	472
STOR CHANGE	63	148	69	89	206	174	109	-241	-270	22	93	57	-2	-34	-122	-166	-71
STORAGE	8268	8416	8485	8574	8780	8955	9064	8823	8553	8575	8668	8725	8723	8689	8567	8402	8331
ELEV FTMSL	2195.0	2196.1	2196.5	2197.2	2198.6	2199.7	2200.5	2198.8	2197.0	2197.2	2197.8	2198.2	2198.2	2197.9	2197.1	2196.0	2195.5
DISCH KCFS	9.0	4.0	4.0	4.0	5.0	6.5	9.0	9.0	8.5	4.7	4.0	4.0	6.0	8.0	8.0	8.5	8.5
POWER																	
AVE POWER MW		46	46	46	58	76	105	105	98	55	46	46	70	92	92	97	97
PEAK POW MW		163	164	165	167	169	170	168	165	165	166	167	167	166	165	163	163
ENERGY GWH	684.3	16.4	7.7	10.0	41.7	56.4	75.7	78.1	73.0	39.4	34.2	16.6	11.7	17.8	68.5	72.3	64.9
--GARRISON--																	
NAT INFLOW	8762	324	151	194	840	1084	2425	1533	433	332	468	194	90	103	130	192	268
DEPLETION	967	14	6	8	26	211	718	498	66	-124	-1	-98	-46	-52	-109	-88	-63
CHAN STOR	6	57			-11	-17	-28		5	41	9		-22	-22		-6	0
EVAPORATION	461							28	90	111	96	43	20	23	49		
REG INFLOW	12236	486	200	258	1100	1256	2215	1560	806	669	625	366	176	237	682	797	803
RELEASE	12165	417	167	214	893	1045	1190	1199	1168	803	796	385	180	286	1168	1199	1055
STOR CHANGE	71	70	34	44	208	210	1024	361	-363	-135	-171	-19	-3	-49	-487	-402	-252
STORAGE	9931	10001	10035	10078	10286	10496	11521	11882	11519	11384	11214	11195	11191	11142	10656	10254	10002
ELEV FTMSL	1805.3	1805.7	1805.8	1806.1	1807.0	1808.0	1812.7	1814.2	1812.7	1812.1	1811.3	1811.2	1811.2	1811.0	1808.8	1806.9	1805.7
DISCH KCFS	20.0	14.0	12.0	12.0	15.0	17.0	20.0	19.5	19.0	13.5	12.9	12.9	12.9	18.0	19.0	19.5	19.0
POWER																	
AVE POWER MW		139	120	120	150	171	206	206	200	142	135	135	135	187	195	197	189
PEAK POW MW		350	351	352	355	359	376	381	376	373	371	370	370	369	361	355	350
ENERGY GWH	1510.7	50.1	20.1	25.9	108.2	127.5	148.2	153.0	149.1	102.1	100.8	48.6	22.7	35.8	145.0	146.3	127.2
--OAHE--																	
NAT INFLOW	1323	249	116	149	231	126	271	103	26	81	7	-7	-3	-3	-61	-15	52
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	7	33	11		-16	-11	-17	3	3	32	3	0	0	-28	-6	-3	3
EVAPORATION	374							23	69	87	79	36	17	20	43		
REG INFLOW	12508	676	283	350	1060	1094	1316	1131	1029	804	735	341	159	234	1048	1165	1084
RELEASE	12420	353	256	362	1238	1483	1388	1704	1518	121	564	260	121	138	1053	835	1028
STOR CHANGE	88	323	27	-12	-177	-389	-72	-573	-490	683	170	81	38	96	-5	331	56
STORAGE	10428	10751	10778	10766	10589	10200	10128	9555	9066	9748	9919	10000	10038	10134	10129	10459	10516
ELEV FTMSL	1573.7	1575.3	1575.4	1575.4	1574.5	1572.5	1572.1	1569.0	1566.2	1570.0	1571.0	1571.4	1571.6	1572.1	1572.1	1573.8	1574.1
DISCH KCFS	18.5	11.9	18.4	20.3	20.8	24.1	23.3	27.7	24.7	2.0	9.2	8.7	8.7	8.7	17.1	13.6	18.5
POWER																	
AVE POWER MW		127	199	218	223	256	246	288	252	21	96	92	92	92	181	144	197
PEAK POW MW		544	545	545	540	529	527	511	497	517	522	524	525	527	527	537	538
ENERGY GWH	1583.3	45.8	33.4	47.2	160.6	190.5	176.9	214.3	187.6	15.1	71.5	33.1	15.4	17.6	134.4	107.3	132.7
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12292	353	256	362	1238	1483	1388	1696	1494	90	537	248	115	131	1039	835	1028
RELEASE	12292	353	256	362	1238	1483	1388	1696	1494	90	537	248	115	131	1039	835	1028
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	11.9	18.4	20.3	20.8	24.1	23.3	27.6	24.3	1.5	8.7	8.3	8.3	8.3	16.9	13.6	18.5
POWER																	
AVE POWER MW		56	86	95	97	113	109	129	115	8	44	42	42	42	84	67	89
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	528
ENERGY GWH	710.6	20.2	14.5	20.5	70.1	84.0	78.6	96.0	85.5	5.5	32.9	15.2	7.1	8.1	62.6	50.0	59.6
--FORT RANDALL--																	
NAT INFLOW	433	80	37	48	62	50	174	19	52	-15	-75	-4	-2	-2		-9	17
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	128							10	31	32	22	10	5	5	13		
REG INFLOW	12502	431	293	409	1296	1524	1550	1687	1500	23	438	233	108	124	1023	823	1042
RELEASE	12498	167	148	392	1296	1524	1550	1687	1674	1101	437	232	108	123	750	732	578
STOR CHANGE	4	264	144	17				0	-174	-1079	1	1	0	1	273	91	464
STORAGE	3123	3388	3532	3549	3549	3549	3549	3549	3375	2296	2298	2299	2299	2300	2573	2664	3128
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1337.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	24.8	26.0	27.4	27.2	18.5	7.1	7.8	7.8	7.8	12.2	11.9	10.4
POWER																	
AVE POWER MW		46	90	185	184	209	219	231	227	144	52	57	57	57	91	91	83
PEAK POW MW		349	354	355	355	355	355	355	348	282	284	284	284	284	305	311	338
ENERGY GWH	1232.5	16.7	15.1	40.0	132.4	155.4	157.9	171.7	169.0	103.7	38.7	20.6	9.5	10.9	67.6	67.8	55.5
--GAVINS POINT--																	
NAT INFLOW	1246	91	42	54	125	136	143	79	79	57	108	47	22	25	70	68	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	17	21	-1	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	13582	267	181	425	1416	1636	1666	1722	1735	1168	554	268	125	143	797	799	681
RELEASE	13582	267	181	425	1416	1636	1666	1722	1722	1142	554	268	125	143	797	799	720
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	19.2	9.0	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	67	32	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	568.5	11.3	7.7	17.6	58.7	67.5	68.6	70.9	71.3	48.5	23.9	11.6	5.4	6.2	34.2	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	785	52	24	31	110	205	151	68	31	21	20	14	6	7	14	-7	38
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	14116	312	202	452	1505	1806	1787	1753	1719	1141	564	276	129	147	799	779	745
KCFS		10.5	14.6	25.3	25.3	29.4	30.0	28.5	28.0	19.2	9.2	9.3	9.3	9.3	13.0	12.7	13.4
--TOTAL--																	
NAT INFLOW	18297	1060	494	636	1948	2483	4287	2297	906	749	889	422	197	225	458	460	786
DEPLETION	2424	41	19	24	179	648	1391	902	183	-199	-54	-118	-55	-63	-181	-181	-112
CHAN STOR	-2	99	1	-22	-27	-34	-47	0	9	77	32	-1	-22	-50	-14	-8	6
EVAPORATION	1529							95	296	366	317	144	67	77	167		
STORAGE	33790	34596	34870	35007	35244	35240	36302	35849	34566	34083	34177	34296	34330	34344	34004	33857	34016
SYSTEM POWER																	
AVE POWER MW		446	586	746	794	916	980	1054	988	437	406	405	427	502	689	642	700
PEAK POW MW		2039	2039	2040	2041	2035	2051	2038	2019	1992	1997	1999	2000	2002	1975	1982	1993
ENERGY GWH	6290.0	160.6	98.5	161.2	571.8	681.4	705.9	784.1	735.4	314.4	302.0	145.6	71.7	96.4	512.4	478.0	470.6
DAILY GWH		10.7	14.1	17.9	19.1	22.0	23.5	25.3	23.7	10.5	9.7	9.7	10.2	12.0	16.5	15.4	16.8

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

28FEB07		2007									2008					
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	5919	272	127	163	598	909	1156	509	294	281	371	184	86	98	314	238	319
DEPLETION	410	-3	-1	-2	76	309	482	166	-38	-124	-60	-33	-15	-18	-106	-124	-99
EVAPORATION	394							24	75	94	83	38	18	20	43		
MOD INFLOW	5115	275	128	165	522	600	674	319	257	311	348	179	84	96	377	362	418
RELEASE	5034	119	56	71	298	430	536	553	523	278	245	119	55	127	553	553	518
STOR CHANGE	82	156	73	93	224	170	138	-234	-266	33	103	61	28	-31	-177	-191	-100
STORAGE	8331	8487	8559	8653	8877	9047	9185	8951	8685	8719	8822	8883	8911	8880	8703	8512	8412
ELEV FTMSL	2195.5	2196.5	2197.0	2197.7	2199.2	2200.3	2201.3	2199.7	2197.9	2198.1	2198.8	2199.3	2199.4	2199.2	2198.0	2196.7	2196.0
DISCH KCFS	8.5	4.0	4.0	4.0	5.0	7.0	9.0	9.0	8.5	4.7	4.0	4.0	4.0	8.0	9.0	9.0	9.0
POWER																	
AVE POWER MW		46	46	46	58	82	106	105	99	54	46	47	47	93	104	103	103
PEAK POW MW		164	165	166	168	170	171	169	166	166	168	168	168	168	166	164	163
ENERGY GWH	706.9	16.5	7.7	10.0	41.9	60.9	76.0	78.4	73.4	39.0	34.5	16.8	7.8	17.9	77.6	76.9	71.5
--GARRISON--																	
NAT INFLOW	9185	340	158	204	881	1136	2542	1607	454	349	491	203	95	108	136	201	281
DEPLETION	962	-5	-2	-3	-11	211	734	514	74	-126	-4	-91	-42	-49	-100	-78	-59
CHAN STOR	-5	51			-11	-22	-22		5	42	8	0		-44	-11		
EVAPORATION	467							29	90	112	98	44	21	24	50		
REG INFLOW	12784	515	216	278	1178	1333	2321	1618	818	683	650	368	172	216	728	832	858
RELEASE	12690	417	167	214	893	1076	1309	1322	1291	768	660	320	149	286	1230	1353	1237
STOR CHANGE	94	99	50	64	286	257	1012	296	-473	-85	-11	48	22	-70	-502	-520	-379
STORAGE	10002	10100	10150	10214	10500	10757	11769	12065	11591	11507	11496	11544	11567	11497	10995	10475	10096
ELEV FTMSL	1805.7	1806.2	1806.4	1806.7	1808.1	1809.2	1813.7	1815.0	1813.0	1812.6	1812.6	1812.8	1812.9	1812.6	1810.3	1807.9	1806.1
DISCH KCFS	19.0	14.0	12.0	12.0	15.0	17.5	22.0	21.5	21.0	12.9	10.7	10.7	10.7	18.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		140	120	121	151	178	228	228	222	136	113	113	113	189	208	224	215
PEAK POW MW		352	353	354	359	363	380	384	377	375	375	376	376	375	367	358	352
ENERGY GWH	1586.1	50.3	20.2	26.0	108.9	132.4	164.3	169.6	165.2	98.0	84.3	40.8	19.1	36.3	154.5	166.5	149.7
--OAHE--																	
NAT INFLOW	1408	265	123	159	245	134	288	110	28	86	7	-7	-3	-3	-64	-16	56
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	-13	27	11		-16	-13	-25	3	3	46	12	0	0	-41	-11	-11	3
EVAPORATION	378							23	72	90	79	36	17	19	42		
REG INFLOW	13081	686	290	359	1075	1130	1441	1255	1147	784	609	276	129	221	1101	1309	1269
RELEASE	12968	342	250	357	1232	1477	1370	1702	1513	627	643	256	120	137	1053	835	1052
STOR CHANGE	113	343	40	2	-157	-348	71	-446	-366	157	-34	19	8	84	48	474	217
STORAGE	10516	10859	10899	10901	10744	10396	10467	10020	9654	9812	9777	9797	9805	9889	9937	10411	10628
ELEV FTMSL	1574.1	1575.9	1576.1	1576.1	1575.3	1573.5	1573.9	1571.5	1569.5	1570.4	1570.2	1570.3	1570.4	1570.8	1571.1	1573.6	1574.7
DISCH KCFS	18.5	11.5	18.0	20.0	20.7	24.0	23.0	27.7	24.6	10.5	10.5	8.6	8.7	8.7	17.1	13.6	18.3
POWER																	
AVE POWER MW		124	195	216	223	256	245	292	256	110	109	90	91	91	179	144	195
PEAK POW MW		547	548	548	544	535	537	524	514	518	517	518	518	521	522	535	541
ENERGY GWH	1661.2	44.6	32.7	46.7	160.6	190.8	176.2	217.1	190.6	79.2	81.4	32.4	15.2	17.4	133.4	106.9	136.0
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12839	342	250	357	1232	1477	1370	1694	1489	596	616	244	115	131	1039	835	1052
RELEASE	12839	342	250	357	1232	1477	1370	1694	1489	596	616	244	115	131	1039	835	1052
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	11.5	18.0	20.0	20.7	24.0	23.0	27.5	24.2	10.0	10.0	8.2	8.3	8.2	16.9	13.6	18.3
POWER																	
AVE POWER MW		54	85	94	97	112	108	129	115	51	51	42	42	42	84	67	88
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	744.3	19.6	14.2	20.2	69.8	83.7	77.6	95.9	85.2	36.5	37.8	15.0	7.0	8.0	62.6	50.0	61.1
--FORT RANDALL--																	
NAT INFLOW	476	88	41	53	68	55	191	21	57	-16	-82	-4	-2	-2		-10	19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	128							10	31	32	22	10	5	5	13		
REG INFLOW	13099	428	291	409	1296	1523	1549	1687	1500	533	511	229	108	123	1023	822	1068
RELEASE	13103	167	148	392	1296	1523	1549	1687	1674	1611	511	229	108	123	750	732	604
STOR CHANGE	-4	262	143	17				0	-174	-1078	0	0	0	0	273	90	464
STORAGE	3128	3389	3532	3549	3549	3549	3549	3549	3375	2297	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1337.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	24.8	26.0	27.4	27.2	27.1	8.3	7.7	7.7	7.7	12.2	11.9	10.5
POWER																	
AVE POWER MW		46	90	185	184	209	219	231	227	209	61	56	57	57	91	91	83
PEAK POW MW		349	354	355	355	355	355	355	348	282	283	283	283	283	305	311	338
ENERGY GWH	1288.1	16.7	15.1	40.0	132.4	155.3	157.8	171.7	169.0	150.8	45.2	20.3	9.5	10.9	67.6	67.7	57.9
--GAVINS POINT--																	
NAT INFLOW	1252	91	42	55	125	137	144	79	79	57	109	47	22	25	70	68	102
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	0	35	1	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14193	267	181	425	1416	1636	1666	1722	1735	1662	643	268	125	143	797	799	709
RELEASE	14193	267	181	425	1416	1636	1666	1722	1722	1636	643	268	125	143	797	799	748
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	10.5	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	37	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	593.7	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	27.7	11.6	5.4	6.2	34.2	34.3	31.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	862	57	27	34	121	225	166	74	34	23	22	15	7	8	16	-8	41
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	14801	318	205	456	1516	1826	1802	1759	1721	1636	655	277	129	148	801	778	775
KCFS		10.7	14.7	25.5	25.5	29.7	30.3	28.6	28.0	27.5	10.6	9.3	9.3	9.3	13.0	12.7	13.5
--TOTAL--																	
NAT INFLOW	19102	1112	519	667	2038	2596	4487	2400	946	780	918	438	204	234	472	473	818
DEPLETION	2446	22	10	13	142	650	1414	930	199	-200	-60	-111	-52	-59	-169	-168	-115
CHAN STOR	-28	87	1	-22	-27	-42	-49	0	9	80	54	1	0	-85	-30	-11	5
EVAPORATION	1544							96	301	370	319	145	68	77	168		
STORAGE	34016	34875	35180	35357	35710	35788	37010	36625	35359	34412	34471	34599	34659	34641	34284	34136	34300
SYSTEM POWER																	
AVE POWER MW		442	581	744	795	928	1001	1080	1014	656	418	380	381	504	712	675	730
PEAK POW MW		2044	2045	2046	2049	2046	2066	2056	2038	1998	1999	2000	2001	2002	1976	1985	1999
ENERGY GWH	6580.3	159.1	97.7	160.6	572.3	690.7	720.5	803.7	754.7	472.2	310.9	136.8	64.1	96.7	529.9	502.4	508.0
DAILY GWH		10.6	14.0	17.8	19.1	22.3	24.0	25.9	24.3	15.7	10.0	9.1	9.2	12.1	17.1	16.2	17.5

	29FEB08	2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5961	274	128	164	602	915	1164	513	296	283	374	185	86	99	317	240	321
DEPLETION	419	-3	-1	-2	76	310	486	173	-34	-125	-62	-35	-16	-19	-110	-127	-92
EVAPORATION	396							24	75	94	83	38	18	20	43		
MOD INFLOW	5146	277	129	166	526	605	678	316	255	314	353	182	85	97	384	367	413
RELEASE	5043	119	56	71	298	430	536	553	553	283	248	120	69	127	553	553	472
STOR CHANGE	103	158	74	95	228	175	142	-238	-299	31	105	62	16	-30	-170	-186	-59
STORAGE	8412	8570	8644	8738	8967	9141	9284	9046	8747	8778	8883	8945	8961	8931	8761	8575	8516
ELEV FTMSL	2196.0	2197.1	2197.6	2198.3	2199.8	2201.0	2201.9	2200.3	2198.3	2198.5	2199.3	2199.7	2199.8	2199.6	2198.4	2197.2	2196.7
DISCH KCFS	9.0	4.0	4.0	4.0	5.0	7.0	9.0	9.0	9.0	4.8	4.0	4.0	5.0	8.0	9.0	9.0	8.5
POWER																	
AVE POWER MW		46	46	46	58	82	106	106	105	55	47	47	59	93	105	104	97
PEAK POW MW		165	166	167	169	171	172	170	167	167	168	169	169	169	167	165	164
ENERGY GWH	710.5	16.6	7.8	10.0	42.0	61.1	76.3	78.7	78.0	39.8	35.1	17.0	9.8	17.9	77.8	77.2	65.5
--GARRISON--																	
NAT INFLOW	9293	344	160	206	891	1150	2572	1626	460	353	496	205	96	109	137	204	284
DEPLETION	1088	0	0	0		212	744	530	79	-128	-8	-95	-44	-50	-73	-51	-29
CHAN STOR	6	56			-11	-22	-22			47	8	0	-11	-33	-11		6
EVAPORATION	472							29	90	113	99	45	21	24	51		
REG INFLOW	12782	519	216	277	1177	1346	2341	1621	844	698	661	375	178	230	701	808	791
RELEASE	12668	387	167	214	893	1138	1339	1353	1322	634	646	312	146	286	1168	1414	1250
STOR CHANGE	115	132	49	63	285	209	1002	268	-478	63	16	62	32	-56	-467	-606	-459
STORAGE	10096	10228	10277	10340	10624	10833	11835	12103	11625	11688	11704	11766	11798	11742	11275	10669	10210
ELEV FTMSL	1806.1	1806.8	1807.0	1807.3	1808.6	1809.6	1814.0	1815.2	1813.1	1813.4	1813.5	1813.7	1813.9	1813.6	1811.6	1808.8	1806.7
DISCH KCFS	21.5	13.0	12.0	12.0	15.0	18.5	22.5	22.0	21.5	10.7	10.5	10.5	10.5	18.0	19.0	23.0	22.5
POWER																	
AVE POWER MW		130	121	121	152	189	234	234	228	113	111	112	112	190	199	236	226
PEAK POW MW		354	355	356	361	364	381	385	377	378	378	379	380	379	372	362	354
ENERGY GWH	1590.4	46.9	20.3	26.2	109.5	140.4	168.4	173.8	169.3	81.4	83.0	40.2	18.8	36.6	148.2	175.5	152.1
--OAHE--																	
NAT INFLOW	1429	269	125	161	249	136	293	112	29	87	7	-7	-3	-4	-65	-16	56
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	-5	46	5		-16	-19	-22	3	3	60	1	0		-42	-6	-22	3
EVAPORATION	383							24	73	92	80	36	17	19	42		
REG INFLOW	13067	678	286	361	1078	1187	1475	1284	1174	664	583	268	125	220	1044	1359	1281
RELEASE	12933	343	251	356	1230	1476	1366	1702	1511	627	646	256	120	137	1053	835	1025
STOR CHANGE	134	335	36	5	-152	-290	110	-418	-337	37	-63	12	5	82	-9	524	257
STORAGE	10628	10964	10999	11005	10853	10563	10673	10255	9918	9955	9892	9904	9908	9991	9981	10506	10762
ELEV FTMSL	1574.7	1576.4	1576.6	1576.6	1575.8	1574.4	1574.9	1572.8	1571.0	1571.2	1570.8	1570.9	1570.9	1571.4	1571.3	1574.1	1575.4
DISCH KCFS	18.3	11.5	18.1	19.9	20.7	24.0	22.9	27.7	24.6	10.5	10.5	8.6	8.7	8.7	17.1	13.6	18.4
POWER																	
AVE POWER MW		125	196	216	223	257	245	294	258	111	110	90	91	91	180	144	198
PEAK POW MW		550	551	551	547	539	542	531	521	523	521	521	521	523	523	538	545
ENERGY GWH	1665.2	44.8	32.9	46.7	160.9	191.5	176.7	218.7	192.0	79.7	82.0	32.6	15.3	17.5	133.7	107.1	132.9
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12804	343	251	356	1230	1476	1366	1694	1487	596	619	244	115	131	1039	835	1025
RELEASE	12804	343	251	356	1230	1476	1366	1694	1487	596	619	244	115	131	1039	835	1025
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.3	11.5	18.1	19.9	20.7	24.0	22.9	27.5	24.2	10.0	10.1	8.2	8.3	8.2	16.9	13.6	18.4
POWER																	
AVE POWER MW		55	85	93	97	112	107	129	114	51	51	42	42	42	84	67	88
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	742.3	19.6	14.2	20.2	69.7	83.6	77.4	95.9	85.1	36.5	37.9	15.0	7.0	8.0	62.6	50.0	59.5
--FORT RANDALL--																	
NAT INFLOW	489	90	42	54	70	56	195	21	59	-16	-84	-4	-2	-2		-10	20
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	128							10	31	32	22	10	5	5	13		
REG INFLOW	13077	431	292	409	1296	1523	1549	1687	1500	533	511	229	108	123	1023	822	1042
RELEASE	13077	167	148	392	1296	1523	1549	1687	1674	1611	511	229	108	123	750	732	578
STOR CHANGE	0	265	144	17				0	-174	-1078	0	0	0	0	273	90	464
STORAGE	3123	3388	3532	3549	3549	3549	3549	3549	3375	2297	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1337.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.5	5.6	10.7	22.0	21.8	24.8	26.0	27.4	27.2	27.1	8.3	7.7	7.7	7.7	12.2	11.9	10.4
POWER																	
AVE POWER MW		46	90	185	184	209	219	231	227	209	61	56	57	57	91	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	282	283	283	283	283	305	311	338
ENERGY GWH	1285.5	16.7	15.1	40.0	132.4	155.3	157.8	171.7	169.0	150.8	45.2	20.3	9.5	10.9	67.6	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1252	91	42	55	125	137	144	79	79	57	109	47	22	25	70	68	102
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-6	-2	-3	0	0	35	1	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14167	267	181	425	1416	1636	1666	1722	1735	1662	643	268	125	143	797	799	682
RELEASE	14167	267	181	425	1416	1636	1666	1722	1722	1636	643	268	125	143	797	799	721
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	26.6	28.0	28.0	28.0	27.5	10.5	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	91	95	95	96	95	37	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	592.6	11.4	7.7	17.6	58.7	67.5	68.6	70.9	71.3	68.7	27.7	11.6	5.4	6.2	34.2	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	879	58	27	35	123	230	169	76	35	24	22	15	7	8	16	-8	42
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	14791	319	205	456	1518	1831	1805	1760	1722	1637	655	277	129	148	801	778	749
KCFS		10.7	14.8	25.6	25.5	29.8	30.3	28.6	28.0	27.5	10.7	9.3	9.3	9.3	13.0	12.7	13.5
--TOTAL--																	
NAT INFLOW	19303	1125	525	675	2060	2624	4537	2427	958	788	924	441	206	235	475	478	825
DEPLETION	2597	28	13	17	154	653	1431	958	211	-202	-66	-117	-54	-62	-146	-144	-77
CHAN STOR	-8	112	-4	-22	-27	-47	-46	0	3	99	43	1	-11	-75	-25	-22	11
EVAPORATION	1555							97	303	373	321	146	68	78	169		
STORAGE	34300	35189	35492	35672	36033	36126	37381	36993	35718	34797	34854	34990	35042	35039	34666	34488	34652
SYSTEM POWER																	
AVE POWER MW		433	583	744	796	940	1007	1088	1028	635	418	379	392	505	705	688	738
PEAK POW MW		2050	2051	2052	2055	2053	2073	2064	2047	2005	2006	2008	2008	2010	1983	1991	2006
ENERGY GWH	6586.5	156.1	98.0	160.7	573.1	699.5	725.1	809.7	764.6	457.0	310.9	136.6	65.9	97.1	524.2	511.9	496.1
DAILY GWH		10.4	14.0	17.9	19.1	22.6	24.2	26.1	24.7	15.2	10.0	9.1	9.4	12.1	16.9	16.5	17.7
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB

28FEB03		2003											2004			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	9600	319	149	192	797	1604	2491	1219	456	379	531	210	98	112	346	297	400
DEPLETION	268	-31	-15	-19	69	291	489	164	-96	-105	-51	-20	-9	-11	-116	-150	-122
EVAPORATION	312							20	65	82	72	17	8	9	38		
MOD INFLOW	9020	351	164	210	728	1313	2002	1035	487	402	510	213	99	113	424	447	522
RELEASE	4564	149	56	71	238	338	476	492	492	327	244	118	55	95	461	492	460
STOR CHANGE	4456	202	108	139	490	975	1526	543	-5	75	266	95	44	18	-37	-45	62
STORAGE	11113	11315	11423	11562	12052	13027	14553	15096	15091	15166	15432	15527	15571	15590	15552	15507	15569
ELEV FTMSL	2213.3	2214.5	2215.1	2215.9	2218.7	2224.1	2231.9	2234.5	2234.4	2234.8	2236.0	2236.5	2236.7	2236.8	2236.6	2236.4	2236.7
DISCH KCFS	13.0	5.0	4.0	4.0	4.0	5.5	8.0	8.0	8.0	5.5	4.0	4.0	4.0	6.0	7.5	8.0	8.0
POWER																	
AVE POWER MW		63	51	51	51	72	107	109	109	75	54	54	55	83	103	110	110
PEAK POW MW		144	145	146	149	155	161	163	163	163	164	164	164	164	164	164	164
ENERGY GWH	746.1	22.7	8.5	11.0	37.0	53.5	77.0	80.9	81.2	54.2	40.4	19.6	9.2	15.8	76.7	81.7	76.5
--GARRISON--																	
NAT INFLOW	14199	515	240	309	1376	1934	3530	2647	841	574	652	260	121	139	278	348	434
DEPLETION	1213	33	16	20	9	268	919	545	53	-121	-3	-98	-46	-52	-132	-116	-83
CHAN STOR	54	85	11			-16	-26			25	15	0		-20	-15	-5	
EVAPORATION	336							22	70	89	78	19	9	10	40		
REG INFLOW	17268	716	291	360	1605	1988	3061	2572	1209	958	836	457	213	256	816	951	977
RELEASE	13820	476	208	268	1071	1291	1339	1353	1322	952	805	389	182	286	1230	1383	1265
STOR CHANGE	3448	240	83	93	534	697	1722	1219	-113	6	31	67	31	-30	-414	-433	-288
STORAGE	13366	13607	13689	13782	14316	15013	16735	17955	17842	17848	17880	17947	17979	17949	17535	17102	16814
ELEV FTMSL	1820.4	1821.3	1821.6	1822.0	1824.1	1826.7	1832.9	1837.0	1836.6	1836.6	1836.7	1837.0	1837.1	1837.0	1835.6	1834.1	1833.1
DISCH KCFS	24.0	16.0	15.0	15.0	18.0	21.0	22.5	22.0	21.5	16.0	13.1	13.1	13.1	18.0	20.0	22.5	22.0
POWER																	
AVE POWER MW		179	169	169	205	242	267	270	267	199	163	163	163	224	247	276	267
PEAK POW MW		330	331	332	338	346	364	376	375	375	375	376	376	376	372	368	365
ENERGY GWH	2016.8	64.6	28.4	36.6	147.3	180.0	192.0	200.6	198.4	143.2	121.3	58.7	27.4	43.0	184.1	205.0	186.1
--OAHE--																	
NAT INFLOW	3850	559	261	335	474	347	881	297	123	163	102	109	51	58	22	10	59
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	11	38	5	0	-13	-13	-6	2	2	23	12	0		-21	-8	-10	2
EVAPORATION	327							22	70	86	74	18	8	9	39		
REG INFLOW	16784	1051	463	590	1487	1563	2093	1492	1287	1028	851	479	224	313	1193	1368	1302
RELEASE	12358	254	158	211	694	904	835	1535	1708	1479	995	478	222	195	1076	945	670
STOR CHANGE	4426	797	305	378	793	659	1258	-43	-420	-450	-144	1	1	118	117	423	632
STORAGE	14003	14800	15105	15483	16276	16936	18194	18151	17730	17280	17136	17138	17139	17257	17374	17797	18429
ELEV FTMSL	1590.0	1593.2	1594.4	1595.8	1598.8	1601.1	1605.4	1605.3	1603.9	1602.3	1601.8	1601.8	1601.8	1602.2	1602.6	1604.1	1606.2
DISCH KCFS	15.2	8.5	11.4	11.8	11.7	14.7	14.0	25.0	27.8	24.9	16.2	16.1	16.0	12.3	17.5	15.4	11.6
POWER																	
AVE POWER MW		102	137	144	143	183	178	319	353	313	204	202	201	155	220	195	149
PEAK POW MW		637	643	650	664	677	699	699	691	683	680	680	680	683	685	692	703
ENERGY GWH	1882.9	36.6	23.0	31.0	103.0	136.0	128.0	237.1	262.4	225.6	151.4	72.6	33.8	29.7	164.0	144.8	103.8
--BIG BEND--																	
EVAPORATION	71							5	15	19	16	4	2	2	9		
REG INFLOW	12288	254	158	211	694	904	835	1530	1693	1460	979	474	220	193	1067	945	670
RELEASE	12288	254	158	211	694	904	835	1530	1693	1460	979	474	220	193	1067	945	670
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	15.2	8.5	11.4	11.8	11.7	14.7	14.0	24.9	27.5	24.5	15.9	15.9	15.9	12.2	17.4	15.4	11.6
POWER																	
AVE POWER MW		40	53	55	55	69	66	116	129	116	78	80	80	62	86	75	56
PEAK POW MW		517	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	710.3	14.6	9.0	12.0	39.3	51.2	47.3	86.7	95.9	83.8	58.2	28.8	13.4	11.8	63.8	55.7	38.9
--FORT RANDALL--																	
NAT INFLOW	1501	190	89	114	298	159	224	111	72	92	60	5	2	3	23	10	49
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	82							6	19	24	19	4	2	2	8		
REG INFLOW	13627	443	246	325	988	1054	1047	1617	1731	1522	1019	474	221	194	1080	952	716
RELEASE	13627	152	112	325	988	1054	1047	1617	1731	1666	1644	788	368	216	714	695	512
STOR CHANGE	0	291	134					0	0	-144	-625	-314	-147	-22	366	257	204
STORAGE	3124	3415	3549	3549	3549	3549	3549	3549	3549	3405	2780	2466	2319	2297	2663	2920	3124
ELEV FTMSL	1350.0	1353.6	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.3	1340.4	1337.9	1337.5	1343.5	1347.2	1350.0
DISCH KCFS	9.5	5.1	8.1	18.2	16.6	17.1	17.6	26.3	28.2	28.0	26.7	26.5	26.5	13.6	11.6	11.3	8.9
POWER																	
AVE POWER MW		42	68	154	141	145	149	221	237	234	214	201	194	99	87	89	72
PEAK POW MW		350	355	355	355	355	355	355	355	349	319	297	285	284	311	328	338
ENERGY GWH	1349.6	15.3	11.5	33.3	101.3	108.0	107.3	164.7	176.1	168.3	159.5	72.2	32.6	19.0	64.7	65.8	50.0
--GAVINS POINT--																	
NAT INFLOW	2252	107	50	64	246	319	281	211	170	135	157	60	28	32	95	106	191
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	0	8	-6	-19	3	-1	-1	-17	-4	0	2	0	0	24	4	1	4
EVAPORATION	26							2	5	7	6	1	1	1	3		
REG INFLOW	15739	268	156	370	1232	1353	1303	1771	1882	1799	1795	842	393	268	799	800	707
RELEASE	15739	268	156	370	1232	1353	1303	1771	1869	1773	1795	842	393	268	799	800	746
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	11.3	20.7	20.7	22.0	21.9	28.8	30.4	29.8	29.2	28.3	28.3	16.9	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	40	71	71	76	75	98	102	102	102	99	99	60	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	657.9	11.4	6.6	15.4	51.4	56.3	54.2	72.8	76.1	73.6	75.6	35.6	16.6	11.5	34.3	34.4	31.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	3100	195	91	117	1006	553	318	246	184	127	66	26	12	14	30	12	105
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	18598	456	245	483	2218	1872	1592	1981	2020	1878	1852	862	402	279	818	800	838
KCFS		15.3	17.6	27.1	37.3	30.4	26.8	32.2	32.9	31.6	30.1	29.0	29.0	17.6	13.3	13.0	14.6
--TOTAL--																	
NAT INFLOW	34502	1885	879	1131	4197	4916	7725	4731	1846	1470	1568	670	312	357	794	783	1238
DEPLETION	2486	30	14	18	152	683	1593	940	105	-179	-49	-105	-49	-56	-213	-235	-164
CHAN STOR	66	132	10	-19	-10	-30	-33	-15	-2	48	30	0	0	-17	-20	-15	7
EVAPORATION	1154							76	244	306	265	63	29	33	137		
STORAGE	43646	45176	45806	46416	48233	50565	55071	56790	56266	55779	55308	55157	55087	55171	55203	55406	55976
SYSTEM POWER																	
AVE POWER MW		459	518	645	666	786	842	1133	1196	1040	815	799	792	682	790	790	700
PEAK POW MW		2092	2097	2106	2130	2156	2203	2216	2208	2204	2193	2172	2161	2161	2148	2168	2175
ENERGY GWH	7363.5	165.1	87.0	139.3	479.2	585.0	605.9	842.8	890.1	748.7	606.4	287.7	133.0	130.9	587.7	587.5	487.2
DAILY GWH		11.0	12.4	15.5	16.0	18.9	20.2	27.2	28.7	25.0	19.6	19.2	19.0	16.4	19.0	19.0	16.8

28FEB03		2003									2004				
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	8901	296	138	178	739	1487	2309	1130	423	351	492	195	91	104	321	276	371
DEPLETION	215	-31	-15	-19	69	291	489	139	-95	-105	-73	-27	-12	-14	-125	-150	-107
EVAPORATION	331							19	62	79	70	32	15	17	37		
MOD INFLOW	8355	328	153	196	670	1196	1820	972	456	377	495	190	88	101	409	426	478
RELEASE	4784	149	56	71	238	369	536	523	523	293	251	121	57	95	492	523	489
STOR CHANGE	3570	179	97	125	432	827	1284	449	-67	84	244	68	32	6	-83	-97	-11
STORAGE	11113	11292	11389	11514	11946	12773	14058	14507	14439	14523	14768	14836	14868	14874	14791	14694	14683
ELEV FTMSL	2213.3	2214.3	2214.9	2215.6	2218.1	2222.7	2229.4	2231.7	2231.3	2231.7	2232.9	2233.2	2233.4	2233.4	2233.0	2232.6	2232.5
DISCH KCFS	13.0	5.0	4.0	4.0	4.0	6.0	9.0	8.5	8.5	4.9	4.1	4.1	4.1	6.0	8.0	8.5	8.5
POWER																	
AVE POWER MW		63	51	51	51	78	120	115	115	67	55	56	56	82	109	115	115
PEAK POW MW		144	145	145	148	153	159	160	160	161	161	162	162	162	162	161	161
ENERGY GWH	775.5	22.7	8.5	11.0	36.9	58.1	86.1	85.3	85.5	48.1	41.2	20.0	9.3	15.7	80.9	85.9	80.3
--GARRISON--																	
NAT INFLOW	12901	482	225	289	1250	1723	3207	2405	764	522	593	236	110	126	260	316	394
DEPLETION	1206	34	16	20	9	310	907	514	51	-121	-2	-94	-44	-50	-138	-120	-87
CHAN STOR	49	85	11			-21	-31	5		36	9			-19	-20	-5	0
EVAPORATION	354							21	68	85	74	34	16	18	39		
REG INFLOW	16174	682	275	340	1479	1761	2804	2398	1168	887	780	417	195	234	831	954	970
RELEASE	13701	476	208	268	1071	1261	1339	1353	1322	961	782	379	177	286	1230	1353	1237
STOR CHANGE	2473	206	67	72	408	500	1465	1045	-154	-74	-2	39	18	-52	-399	-399	-267
STORAGE	13366	13572	13639	13711	14119	14619	16085	17130	16976	16902	16899	16938	16956	16904	16505	16106	15839
ELEV FTMSL	1820.4	1821.2	1821.4	1821.7	1823.3	1825.2	1830.6	1834.2	1833.7	1833.4	1833.4	1833.6	1833.6	1833.5	1832.1	1830.7	1829.7
DISCH KCFS	24.0	16.0	15.0	15.0	18.0	20.5	22.5	22.0	21.5	16.1	12.7	12.7	12.7	18.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		179	169	169	204	235	263	265	262	197	155	155	156	219	242	264	256
PEAK POW MW		330	331	331	336	342	357	368	366	366	366	366	366	366	362	358	355
ENERGY GWH	1968.2	64.5	28.4	36.5	146.8	174.5	189.7	197.4	194.9	141.8	115.6	56.0	26.1	42.1	180.0	196.1	177.9
--OAHE--																	
NAT INFLOW	3200	460	214	276	394	285	749	246	103	135	85	91	42	48	18	5	49
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	13	38	5	0	-14	-11	-9	2	2	23	15	0		-23	-9	-9	2
EVAPORATION	345							21	67	83	72	32	15	17	38		
REG INFLOW	15999	952	417	530	1406	1472	1959	1441	1270	1013	818	435	203	293	1191	1334	1263
RELEASE	12622	434	70	249	792	975	907	1501	1654	1444	951	460	213	194	1093	948	734
STOR CHANGE	3377	518	347	282	614	497	1052	-59	-384	-432	-134	-25	-10	99	98	386	528
STORAGE	14003	14521	14868	15150	15764	16261	17313	17254	16869	16438	16304	16279	16270	16368	16466	16852	17380
ELEV FTMSL	1590.0	1592.1	1593.5	1594.5	1596.9	1598.7	1602.4	1602.2	1600.9	1599.3	1598.9	1598.8	1598.7	1599.1	1599.4	1600.8	1602.7
DISCH KCFS	15.2	14.6	5.1	13.9	13.3	15.9	15.3	24.4	26.9	24.3	15.5	15.5	15.3	12.2	17.8	15.4	12.8
POWER																	
AVE POWER MW		173	61	168	162	195	190	306	336	301	191	191	189	152	220	192	160
PEAK POW MW		631	638	643	655	664	684	682	675	667	665	664	664	666	668	675	685
ENERGY GWH	1892.4	62.2	10.2	36.2	116.5	145.0	137.0	228.0	250.1	216.8	142.4	68.8	31.8	29.1	163.7	142.8	111.7
--BIG BEND--																	
EVAPORATION	78							5	15	19	16	7	3	4	9		
REG INFLOW	12544	434	70	249	792	975	907	1496	1640	1426	935	453	209	190	1084	948	734
RELEASE	12544	434	70	249	792	975	907	1496	1640	1426	935	453	209	190	1084	948	734
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	15.2	14.6	5.1	13.9	13.3	15.9	15.3	24.3	26.7	24.0	15.2	15.2	15.1	12.0	17.6	15.4	12.8
POWER																	
AVE POWER MW		68	24	65	62	74	71	114	125	114	75	77	76	61	87	75	61
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	724.6	24.6	4.0	14.1	44.9	55.3	51.4	84.7	92.9	81.8	55.6	27.6	12.8	11.6	64.8	56.0	42.7
--FORT RANDALL--																	
NAT INFLOW	1200	142	66	85	239	150	195	89	65	64	38	3	1	1	18	5	39
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	88							6	19	24	19	7	3	3	8		
REG INFLOW	13576	575	136	333	1027	1116	1090	1561	1671	1459	953	447	207	188	1092	950	770
RELEASE	13576	167	119	333	1027	1116	1090	1561	1671	1603	1583	757	354	210	726	713	546
STOR CHANGE	0	408	17					0	0	-144	-630	-310	-146	-22	366	237	224
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2775	2465	2319	2297	2663	2900	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.2	1340.4	1337.9	1337.5	1343.5	1347.0	1350.0
DISCH KCFS	9.5	5.6	8.5	18.6	17.3	18.2	18.3	25.4	27.2	26.9	25.7	25.4	25.5	13.2	11.8	11.6	9.5
POWER																	
AVE POWER MW		47	73	158	146	154	155	214	229	225	207	193	187	97	88	91	77
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	297	285	284	311	327	338
ENERGY GWH	1345.3	16.9	12.2	34.1	105.3	114.3	111.7	159.1	170.1	162.1	153.6	69.4	31.4	18.5	65.8	67.5	53.3
--GAVINS POINT--																	
NAT INFLOW	1899	93	44	56	207	257	237	178	144	114	132	51	24	27	86	89	161
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	7	-6	-19	3	-2	0	-14	-3	0	2	1	0	23	3	0	4
EVAPORATION	28							2	5	7	6	3	1	1	3		
REG INFLOW	15332	268	157	370	1232	1353	1303	1685	1796	1716	1709	800	373	256	801	802	711
RELEASE	15332	268	157	370	1232	1353	1303	1685	1783	1690	1709	800	373	256	801	802	750
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	11.3	20.7	20.7	22.0	21.9	27.4	29.0	28.4	27.8	26.9	26.9	16.1	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	40	71	71	76	75	93	99	98	97	94	94	57	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	643.3	11.4	6.7	15.4	51.4	56.3	54.2	69.5	73.6	70.9	72.4	33.9	15.8	10.9	34.4	34.4	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	2500	181	85	109	811	406	252	199	148	97	53	21	10	11	24	10	84
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	17591	444	239	475	2023	1725	1526	1848	1898	1765	1753	816	381	264	814	800	821
KCFS		14.9	17.2	26.6	34.0	28.0	25.6	30.1	30.9	29.7	28.5	27.4	27.4	16.6	13.2	13.0	14.3
--TOTAL--																	
NAT INFLOW	30601	1654	772	992	3640	4308	6949	4247	1647	1283	1393	595	278	317	727	701	1098
DEPLETION	2426	31	14	19	152	725	1581	884	104	-179	-70	-108	-50	-57	-228	-239	-153
CHAN STOR	61	131	10	-19	-11	-34	-40	-6	-1	59	26	1	0	-19	-26	-13	6
EVAPORATION	1225							74	236	296	257	115	53	61	133		
STORAGE	43646	44957	45485	45964	47418	49242	53044	54479	53886	53347	52825	52597	52491	52522	52504	52631	53066
SYSTEM POWER																	
AVE POWER MW		562	416	682	697	811	875	1107	1165	1002	781	766	757	667	793	783	715
PEAK POW MW		2084	2092	2099	2118	2137	2178	2189	2181	2177	2165	2144	2132	2132	2118	2137	2143
ENERGY GWH	7349.3	202.4	69.9	147.3	501.6	603.4	630.1	824.0	867.1	721.5	580.9	275.7	127.2	128.0	589.7	582.6	497.8
DAILY GWH		13.5	10.0	16.4	16.7	19.5	21.0	26.6	28.0	24.1	18.7	18.4	18.2	16.0	19.0	18.8	17.2
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB

28FEB03		2003									2004				
INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																
NAT INFLOW 7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION 122	-3	-1	-2	70	304	316	138	-87	-99	-64	-33	-15	-17	-122	-149	-114
EVAPORATION 391							24	74	93	82	37	17	20	43		
MOD INFLOW 6887	267	125	160	558	906	1535	667	337	325	380	183	85	97	389	410	463
RELEASE 5575	179	69	89	357	430	536	553	553	348	270	131	97	127	615	646	575
STOR CHANGE 1312	89	55	71	201	476	999	114	-217	-23	110	52	-12	-29	-226	-236	-112
STORAGE 10937	11026	11081	11152	11353	11829	12828	12942	12725	12702	12812	12864	12852	12822	12597	12361	12249
ELEV FTMSL 2212.2	2212.8	2213.1	2213.5	2214.7	2217.4	2223.0	2223.6	2222.4	2222.3	2222.9	2223.2	2223.1	2223.0	2221.7	2220.4	2219.8
DISCH KCFS 11.0	6.0	5.0	5.0	6.0	7.0	9.0	9.0	9.0	5.8	4.4	4.4	7.0	8.0	10.0	10.5	10.0
POWER																
AVE POWER MW	75	63	63	76	89	117	118	118	77	58	58	92	105	130	135	129
PEAK POW MW	142	143	143	144	148	153	154	153	153	153	154	154	153	152	151	150
ENERGY GWH 873.7	27.1	10.6	13.6	54.6	66.3	84.0	88.0	87.9	55.2	42.9	20.9	15.5	20.2	97.0	100.2	89.8
--GARRISON--																
NAT INFLOW 11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION 1503	50	23	30	129	277	828	556	81	-89	34	-92	-43	-49	-102	-80	-51
CHAN STOR 11	54	11		-11	-11	-21			32	15	0	-27	-10	-21	-5	5
EVAPORATION 452							27	87	109	95	43	20	23	49		
REG INFLOW 14633	651	276	341	1070	1566	2644	2036	967	857	610	371	183	245	900	957	957
RELEASE 13019	476	208	268	1012	1107	1250	1261	1230	948	740	358	236	286	1230	1261	1150
STOR CHANGE 1614	175	67	73	59	459	1395	776	-263	-91	-130	13	-53	-41	-329	-303	-193
STORAGE 13151	13326	13394	13467	13525	13984	15379	16155	15892	15801	15671	15684	15631	15590	15261	14958	14765
ELEV FTMSL 1819.5	1820.2	1820.5	1820.8	1821.0	1822.8	1828.1	1830.8	1829.9	1829.6	1829.1	1829.2	1829.0	1828.8	1827.6	1826.5	1825.8
DISCH KCFS 23.0	16.0	15.0	15.0	17.0	18.0	21.0	20.5	20.0	15.9	12.0	12.0	17.0	18.0	20.0	20.5	20.0
POWER																
AVE POWER MW	178	168	168	191	203	242	243	238	190	143	143	201	213	235	239	232
PEAK POW MW	327	328	329	329	335	350	358	355	354	353	353	353	352	349	345	343
ENERGY GWH 1832.0	64.1	28.2	36.3	137.2	151.0	174.3	180.6	177.3	136.5	106.6	51.5	33.8	40.8	174.8	177.8	161.3
--OAHE--																
NAT INFLOW 2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION 570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR 15	33	5	0	-9	-5	-14	2	2	18	18	0	-23	-5	-9	-2	2
EVAPORATION 418							26	81	100	87	39	18	21	46		
REG INFLOW 14345	804	350	445	1321	1276	1805	1260	1094	961	692	323	196	262	1144	1243	1168
RELEASE 12707	337	196	261	977	1069	988	1498	1604	1393	912	275	214	111	961	972	939
STOR CHANGE 1638	468	154	184	344	207	817	-238	-511	-431	-220	47	-17	151	183	271	229
STORAGE 13767	14234	14388	14572	14916	15124	15940	15703	15192	14761	14541	14589	14572	14723	14905	15176	15405
ELEV FTMSL 1589.0	1590.9	1591.6	1592.3	1593.6	1594.4	1597.5	1596.7	1594.7	1593.0	1592.2	1592.4	1592.3	1592.9	1593.6	1594.6	1595.5
DISCH KCFS 15.7	11.3	14.2	14.6	16.4	17.4	16.6	24.4	26.1	23.4	14.8	9.3	15.4	7.0	15.6	15.8	16.3
POWER																
AVE POWER MW	133	168	174	196	209	202	297	316	281	177	110	183	84	187	190	197
PEAK POW MW	626	629	632	639	643	658	654	644	636	632	633	632	635	639	644	648
ENERGY GWH 1850.6	48.0	28.2	37.5	141.3	155.6	145.4	221.1	234.8	202.0	131.8	39.8	30.8	16.0	139.3	141.6	137.5
--BIG BEND--																
EVAPORATION 103							6	20	25	22	10	5	5	11		
REG INFLOW 12604	337	196	261	977	1069	988	1492	1584	1368	890	265	209	106	950	972	939
RELEASE 12604	337	196	261	977	1069	988	1492	1584	1368	890	265	209	106	950	972	939
STORAGE 1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL 1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS 15.7	11.3	14.2	14.6	16.4	17.4	16.6	24.3	25.8	23.0	14.5	8.9	15.1	6.7	15.4	15.8	16.3
POWER																
AVE POWER MW	54	66	68	77	81	78	114	121	109	71	45	76	34	77	78	78
PEAK POW MW	517	509	509	509	509	509	509	509	518	538	538	538	538	538	538	529
ENERGY GWH 728.2	19.3	11.1	14.8	55.3	60.6	56.0	84.5	89.7	78.3	53.0	16.3	12.8	6.5	57.6	57.9	54.5
--FORT RANDALL--																
NAT INFLOW 900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION 80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION 116							8	25	31	25	9	4	4	10		
REG INFLOW 13306	458	253	333	1088	1200	1161	1540	1601	1371	867	256	205	102	947	969	955
RELEASE 13307	167	119	333	1088	1200	1161	1540	1601	1535	1484	705	227	102	744	719	581
STOR CHANGE 0	291	134					0	0	-164	-617	-449	-22	0	203	250	374
STORAGE 3124	3415	3549	3549	3549	3549	3549	3549	3549	3385	2768	2319	2297	2297	2500	2750	3124
ELEV FTMSL 1350.0	1353.6	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.2	1345.1	1337.9	1337.5	1337.5	1341.0	1344.8	1350.0
DISCH KCFS 10.0	5.6	8.6	18.7	18.3	19.5	19.5	25.0	26.0	25.8	24.1	23.7	16.3	6.5	12.1	11.7	10.1
POWER																
AVE POWER MW	47	73	158	155	165	165	211	219	216	193	178	119	47	90	90	81
PEAK POW MW	350	355	355	355	355	355	355	355	349	318	285	284	283	300	317	338
ENERGY GWH 1317.8	16.8	12.2	34.1	111.4	122.8	118.8	157.0	163.1	155.2	143.9	63.9	20.0	9.1	66.7	66.7	56.1
--GAVINS POINT--																
NAT INFLOW 1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION 114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR -1	8	-6	-19	1	-2	0	-11	-2	0	3	1	14	18	-10	1	3
EVAPORATION 38							2	7	9	8	4	2	2	4		
REG INFLOW 14604	268	157	370	1232	1353	1303	1574	1685	1609	1599	747	260	143	796	798	711
RELEASE 14604	268	157	370	1232	1353	1303	1574	1672	1583	1599	747	260	143	796	798	750
STOR CHANGE								13	26							-39
STORAGE 358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL 1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS 13.0	9.0	11.3	20.7	20.7	22.0	21.9	25.6	27.2	26.6	26.0	25.1	18.7	9.0	13.0	13.0	13.0
POWER																
AVE POWER MW	32	40	71	71	76	75	88	93	92	91	88	66	32	46	46	46
PEAK POW MW	114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH 613.6	11.4	6.6	15.4	51.4	56.3	54.2	65.1	69.3	66.6	67.8	31.7	11.1	6.2	34.2	34.3	32.0
--GAVINS POINT - SIOUX CITY--																
NAT INFLOW 1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION 241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																
KAF 15913	432	233	468	1411	1629	1498	1667	1735	1621	1632	758	265	149	806	791	819
KCFS	14.5	16.8	26.2	23.7	26.5	25.2	27.1	28.2	27.2	26.5	25.5	19.1	9.4	13.1	12.9	14.2
--TOTAL--																
NAT INFLOW 24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION 2630	76	35	46	273	705	1329	925	142	-141	-25	-112	-52	-60	-189	-198	-124
CHAN STOR 24	95	10	-19	-19	-18	-35	-8	0	51	36	-1	-37	4	-40	-7	10
EVAPORATION 1519							93	294	368	318	142	66	75	163		
STORAGE 43019	44041	44452	44779	45384	46525	49736	50389	49411	48727	47871	47535	47430	47512	47342	47324	47583
SYSTEM POWER																
AVE POWER MW	518	577	703	766	823	879	1070	1105	964	734	622	738	515	766	777	763
PEAK POW MW	2076	2077	2082	2091	2103	2140	2144	2132	2126	2111	2079	2077	2079	2055	2073	2084
ENERGY GWH 7216.0	186.7	96.9	151.8	551.2	612.6	632.7	796.3	822.2	693.9	546.0	224.0	123.9	98.8	569.7	578.4	531.1
DAILY GWH	12.4	13.8	16.9	18.4	19.8	21.1	25.7	26.5	23.1	17.6	14.9	17.7	12.3	18.4	18.7	18.3

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 29FEB

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	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	6000	242	113	145	525	925	1454	633	263	252	324	167	78	89	295	212	283
DEPLETION	114	15	7	9	73	206	171	173	-25	-91	-61	-28	-13	-15	-102	-117	-88
EVAPORATION	459							28	88	110	96	43	20	23	50		
MOD INFLOW	5427	227	106	136	452	719	1283	432	200	233	289	152	71	81	347	329	371
RELEASE	5705	149	69	89	357	430	565	584	584	385	272	132	97	127	615	646	604
STOR CHANGE	-278	78	36	47	95	289	718	-152	-385	-152	17	20	-26	-46	-268	-317	-233
STORAGE	10783	10861	10898	10945	11040	11328	12046	11894	11509	11357	11375	11395	11368	11322	11055	10738	10505
ELEV FTMSL	2211.3	2211.8	2212.0	2212.3	2212.8	2214.5	2218.6	2217.8	2215.6	2214.7	2214.8	2214.9	2214.8	2214.5	2212.9	2211.0	2209.6
DISCH KCFS	9.5	5.0	5.0	5.0	6.0	7.0	9.5	9.5	9.5	6.5	4.4	4.4	7.0	8.0	10.0	10.5	10.5
POWER																	
AVE POWER MW		62	63	63	75	88	121	122	121	82	56	56	89	101	125	128	127
PEAK POW MW		141	141	142	142	144	149	148	145	144	145	145	145	144	142	140	139
ENERGY GWH	866.3	22.5	10.5	13.5	54.2	65.6	87.2	90.8	90.1	59.1	41.8	20.2	14.9	19.4	92.8	95.4	88.4
--GARRISON--																	
NAT INFLOW	9400	443	207	266	712	1197	2521	1765	496	417	400	164	76	87	222	165	262
DEPLETION	1276	24	11	15	58	133	547	446	93	-61	73	-49	-23	-26	-6	13	27
CHAN STOR	-11	48			-11	-11	-27			32	21	0	-27	-11	-21	-5	
EVAPORATION	538							33	105	130	112	50	23	27	57		
REG INFLOW	13281	616	265	341	1000	1484	2513	1870	883	764	508	293	146	203	764	792	839
RELEASE	13616	476	208	268	1041	1199	1309	1322	1291	964	806	390	236	286	1230	1353	1237
STOR CHANGE	-336	140	57	73	-41	285	1204	548	-409	-200	-299	-97	-90	-83	-465	-560	-398
STORAGE	12978	13118	13175	13248	13207	13491	14695	15243	14834	14634	14336	14239	14148	14066	13600	13040	12642
ELEV FTMSL	1818.8	1819.4	1819.6	1819.9	1819.7	1820.9	1825.5	1827.6	1826.0	1825.3	1824.2	1823.8	1823.4	1823.1	1821.3	1819.0	1817.4
DISCH KCFS	22.5	16.0	15.0	15.0	17.5	19.5	22.0	21.5	21.0	16.2	13.1	13.1	17.0	18.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		177	167	167	195	217	250	250	244	188	151	151	194	205	226	244	236
PEAK POW MW		324	325	326	326	329	343	349	344	342	338	337	336	335	330	324	319
ENERGY GWH	1864.5	63.8	28.0	36.1	140.1	161.6	179.7	185.7	181.7	135.1	112.6	54.2	32.6	39.3	167.9	181.9	164.1
--OAHE--																	
NAT INFLOW	1449	154	72	92	229	130	577	102	24	65	9				-35	-6	36
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	4	31	5	0	-12	-10	-12	2	2	23	15		-20	-5	-10	-10	2
EVAPORATION	471							30	92	113	97	44	20	23	51		
REG INFLOW	14029	639	275	347	1213	1257	1754	1258	1135	916	741	345	195	257	1123	1322	1250
RELEASE	14373	373	251	369	1237	1398	1262	1719	1694	1349	993	449	223	116	1147	1012	781
STOR CHANGE	-345	266	24	-22	-23	-140	492	-461	-559	-433	-252	-103	-28	140	-24	310	469
STORAGE	13574	13840	13863	13842	13818	13678	14170	13709	13150	12717	12465	12362	12334	12474	12450	12760	13229
ELEV FTMSL	1588.2	1589.3	1589.4	1589.3	1589.2	1588.7	1590.7	1588.8	1586.4	1584.6	1583.4	1583.0	1582.9	1583.5	1583.4	1584.7	1586.8
DISCH KCFS	16.6	12.6	18.1	20.7	20.8	22.7	21.2	28.0	27.6	22.7	16.1	15.1	16.1	7.3	18.7	16.5	13.6
POWER																	
AVE POWER MW		147	212	242	243	265	249	327	318	259	183	171	181	83	211	187	156
PEAK POW MW		618	618	618	617	614	624	615	603	593	587	584	584	587	587	594	605
ENERGY GWH	2007.4	52.8	35.6	52.2	175.0	197.3	178.9	243.3	236.8	186.6	136.5	61.4	30.5	16.0	157.0	139.1	108.6
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	14244	373	251	369	1237	1398	1262	1712	1670	1318	966	436	218	110	1133	1012	781
RELEASE	14244	373	251	369	1237	1398	1262	1712	1670	1318	966	436	218	110	1133	1012	781
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.6	12.6	18.1	20.7	20.8	22.7	21.2	27.8	27.2	22.1	15.7	14.7	15.7	6.9	18.4	16.5	13.6
POWER																	
AVE POWER MW		59	85	97	97	106	99	130	127	105	78	74	79	35	91	80	65
PEAK POW MW		517	510	509	509	509	509	509	509	523	538	538	538	538	538	538	529
ENERGY GWH	821.9	21.4	14.3	20.9	70.1	79.2	71.5	96.9	94.6	75.7	58.1	26.6	13.3	6.7	67.7	59.6	45.4
--FORT RANDALL--																	
NAT INFLOW	500	68	32	41	64	51	130	26	49	23	1				5	-5	15
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	144							10	32	39	29	11	5	5	13		
REG INFLOW	14522	440	282	409	1297	1440	1380	1710	1672	1295	937	424	212	105	1122	1004	793
RELEASE	14521	167	148	392	1297	1440	1380	1710	1672	1610	1571	709	230	104	756	732	604
STOR CHANGE	0	274	134	17		0	0	0	0	-315	-634	-285	-18	0	366	272	189
STORAGE	3124	3398	3532	3549	3549	3549	3549	3549	3549	3234	2600	2315	2297	2297	2663	2935	3124
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.4	1342.6	1337.8	1337.5	1337.5	1343.5	1347.5	1350.0
DISCH KCFS	10.5	5.6	10.7	21.9	21.8	23.4	23.2	27.8	27.2	27.1	25.5	23.8	16.6	6.6	12.3	11.9	10.5
POWER																	
AVE POWER MW		47	90	185	184	198	196	234	229	224	201	177	121	48	92	93	85
PEAK POW MW		349	354	355	355	355	355	355	355	342	306	285	284	283	311	329	338
ENERGY GWH	1437.1	16.7	15.1	40.0	132.5	146.9	140.9	174.0	170.2	161.4	149.4	63.6	20.3	9.3	68.6	69.4	59.0
--GAVINS POINT--																	
NAT INFLOW	1251	91	43	55	124	138	143	81	80	58	105	47	22	25	70	68	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	3	3	13	19	-11	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15610	268	181	425	1416	1556	1500	1740	1735	1662	1666	750	261	143	800	799	708
RELEASE	15610	268	181	425	1416	1556	1500	1740	1722	1636	1666	750	261	143	800	799	747
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	27.1	25.2	18.8	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	95	88	66	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	653.8	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	70.6	31.8	11.1	6.2	34.4	34.3	31.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	900	115	54	69	90	174	125	75	56	35	24	13	6	7	13	-3	48
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16269	377	232	491	1486	1696	1596	1779	1745	1649	1681	757	265	147	802	784	782
KCFS		12.7	16.7	27.5	25.0	27.6	26.8	28.9	28.4	27.7	27.3	25.5	19.1	9.3	13.0	12.8	13.6
--TOTAL--																	
NAT INFLOW	19500	1114	520	668	1744	2615	4950	2682	968	850	863	390	182	208	570	431	745
DEPLETION	2395	68	32	41	205	463	903	850	216	-105	17	-64	-30	-34	-73	-73	-20
CHAN STOR	-7	89	-5	-22	-22	-23	-38	-6	4	55	40	3	-33	4	-42	-15	5
EVAPORATION	1787							112	350	434	372	165	77	87	190		
STORAGE	42499	43257	43508	43623	43654	44087	46500	46435	45096	44022	42854	42389	42226	42238	41847	41552	41540
SYSTEM POWER																	
AVE POWER MW		524	661	835	876	961	1000	1159	1135	954	765	716	730	504	791	779	714
PEAK POW MW		2064	2064	2064	2063	2066	2094	2090	2071	2062	2031	2006	2003	2005	1987	2003	2005
ENERGY GWH	7650.9	188.6	111.1	180.3	630.3	715.0	720.3	862.3	844.7	686.6	568.9	257.8	122.7	96.8	588.4	579.6	497.2
DAILY GWH		12.6	15.9	20.0	21.0	23.1	24.0	27.8	27.2	22.9	18.4	17.2	17.5	12.1	19.0	18.7	17.1

TIME OF STUDY 09:48:44 CWCP, FLOW TO TARGET, 5-DAY SHORTENED SEASON STUDY NO 28
VALUES IN 1000 AF EXCEPT AS INDICATED

28FEB03		2003										2004			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	5100	234	109	140	515	783	996	439	253	242	320	159	74	85	271	205	275
DEPLETION	42	15	7	9	73	206	171	100	-52	-122	-87	-25	-11	-13	-88	-83	-58
EVAPORATION	440							27	84	105	92	42	19	22	48		
MOD INFLOW	4618	219	102	131	442	577	825	312	221	259	315	141	66	75	311	288	333
RELEASE	5861	149	69	89	357	523	595	615	584	371	262	127	97	127	615	676	604
STOR CHANGE	-1242	70	33	42	85	54	230	-303	-363	-112	53	14	-31	-52	-304	-388	-271
STORAGE	10783	10854	10887	10929	11014	11068	11298	10995	10632	10519	10572	10587	10555	10504	10200	9812	9541
ELEV FTMSL	2211.3	2211.7	2211.9	2212.2	2212.7	2213.0	2214.4	2212.6	2210.4	2209.7	2210.0	2210.1	2209.9	2209.6	2207.8	2205.3	2203.6
DISCH KCFS	9.5	5.0	5.0	5.0	6.0	8.5	10.0	10.0	9.5	6.2	4.3	4.3	7.0	8.0	10.0	11.0	10.5
POWER																	
AVE POWER MW		62	62	62	75	106	125	125	118	77	53	53	87	99	121	128	123
PEAK POW MW		141	141	142	142	143	144	142	140	139	139	139	139	139	137	134	132
ENERGY GWH	868.8	22.5	10.5	13.5	54.1	79.2	89.8	92.7	87.9	55.6	39.3	19.1	14.6	19.0	90.2	95.5	85.3
--GARRISON--																	
NAT INFLOW	7299	270	126	162	700	903	2020	1277	361	277	390	161	75	86	108	160	223
DEPLETION	1115	24	11	15	58	133	547	361	64	-64	66	-53	-25	-28	-12	4	14
CHAN STOR	-11	48			-11	-27	-16		5	35	21		-29	-11	-22	-11	5
EVAPORATION	511							32	99	124	107	48	22	25	54		
REG INFLOW	11522	443	184	237	988	1266	2052	1499	787	623	501	293	145	205	659	822	818
RELEASE	13033	476	208	268	952	1076	1250	1261	1230	1002	734	355	236	286	1230	1291	1179
STOR CHANGE	-1511	-33	-24	-31	36	190	802	239	-443	-379	-233	-62	-91	-81	-571	-470	-361
STORAGE	12978	12945	12921	12890	12926	13116	13918	14157	13714	13335	13101	13039	12949	12868	12297	11828	11467
ELEV FTMSL	1818.8	1818.7	1818.6	1818.4	1818.6	1819.4	1822.5	1823.5	1821.7	1820.2	1819.3	1819.0	1818.7	1818.4	1816.0	1814.0	1812.4
DISCH KCFS	22.5	16.0	15.0	15.0	16.0	17.5	21.0	20.5	20.0	16.8	11.9	11.9	17.0	18.0	20.0	21.0	20.5
POWER																	
AVE POWER MW		177	166	166	177	193	235	233	226	189	133	133	188	198	218	225	217
PEAK POW MW		322	322	322	322	324	334	336	331	327	324	324	322	322	315	309	304
ENERGY GWH	1742.0	63.6	27.8	35.8	127.1	143.9	169.0	173.0	168.4	136.0	99.1	47.8	31.6	38.1	162.1	167.5	151.1
--OAHE--																	
NAT INFLOW	1049	197	92	118	183	100	215	82	21	64	5	-5	-2	-3	-48	-12	41
DEPLETION	570	22	10	13	45	62	120	138	90	23	-7	2	1	1	11	15	25
CHAN STOR	8	31	5	0	-5	-7	-17	2	2	16	25	0	-27	-5	-10	-5	3
EVAPORATION	443							29	88	107	91	40	19	22	47		
REG INFLOW	13077	683	295	373	1085	1107	1328	1178	1075	952	680	308	188	255	1113	1259	1198
RELEASE	14628	382	270	379	1262	1421	1277	1737	1711	1385	1047	453	225	119	989	997	975
STOR CHANGE	-1551	302	25	-6	-176	-314	51	-559	-636	-433	-367	-145	-38	137	124	262	223
STORAGE	13574	13875	13900	13894	13718	13404	13454	12895	12259	11827	11460	11314	11277	11413	11538	11800	12023
ELEV FTMSL	1588.2	1589.5	1589.6	1589.6	1588.8	1587.5	1587.7	1585.3	1582.5	1580.5	1578.8	1578.1	1577.9	1578.6	1579.2	1580.4	1581.4
DISCH KCFS	16.6	12.8	19.5	21.2	21.2	23.1	21.5	28.3	27.8	23.3	17.0	15.2	16.2	7.5	16.1	16.2	16.9
POWER																	
AVE POWER MW		150	228	249	248	268	249	324	315	260	188	167	178	82	177	180	189
PEAK POW MW		618	619	619	615	608	610	597	582	572	562	559	558	561	565	571	576
ENERGY GWH	2008.1	54.0	38.3	53.7	178.4	199.6	178.9	241.3	234.0	187.0	140.1	60.2	29.9	15.8	131.8	133.6	131.5
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	14499	382	270	379	1262	1421	1277	1730	1687	1354	1020	441	220	112	975	997	975
RELEASE	14499	382	270	379	1262	1421	1277	1730	1687	1354	1020	441	220	112	975	997	975
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.6	12.8	19.5	21.2	21.2	23.1	21.5	28.1	27.4	22.8	16.6	14.8	15.8	7.1	15.9	16.2	16.9
POWER																	
AVE POWER MW		61	91	99	99	108	100	132	128	108	82	75	80	36	79	80	81
PEAK POW MW		518	510	509	509	509	509	509	509	523	538	538	538	538	538	538	529
ENERGY GWH	837.7	21.8	15.3	21.5	71.5	80.5	72.3	97.9	95.5	77.8	61.3	26.9	13.4	6.9	59.1	59.3	56.6
--FORT RANDALL--																	
NAT INFLOW	300	55	26	33	43	35	120	13	36	-10	-52	-3	-1	-1		-6	12
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	143							10	32	39	29	11	5	5	12		
REG INFLOW	14577	435	295	411	1301	1447	1385	1715	1676	1298	938	426	213	106	959	988	984
RELEASE	14577	173	150	394	1301	1447	1385	1715	1676	1613	1572	711	231	105	756	738	610
STOR CHANGE	0	263	145	17				0	0	-315	-634	-285	-18	0	203	250	374
STORAGE	3124	3387	3532	3549	3549	3549	3549	3549	3549	3234	2600	2315	2297	2297	2500	2750	3124
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.4	1342.6	1337.8	1337.5	1337.5	1341.0	1344.8	1350.0
DISCH KCFS	10.5	5.8	10.8	22.1	21.9	23.5	23.3	27.9	27.3	27.1	25.6	23.9	16.6	6.6	12.3	12.0	10.6
POWER																	
AVE POWER MW		48	91	186	185	198	196	235	229	225	201	177	121	49	91	92	85
PEAK POW MW		349	354	355	355	355	355	355	355	342	306	285	284	283	300	317	338
ENERGY GWH	1439.5	17.3	15.3	40.2	132.9	147.7	141.4	174.5	170.6	161.7	149.4	63.7	20.3	9.3	67.8	68.4	58.8
--GAVINS POINT--																	
NAT INFLOW	1200	87	41	52	120	131	138	76	76	55	104	45	21	24	67	65	98
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	3	3	13	19	-10	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15614	269	181	425	1416	1556	1500	1740	1735	1662	1666	750	261	143	798	802	710
RELEASE	15614	269	181	425	1416	1556	1500	1740	1722	1636	1666	750	261	143	798	802	749
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.1	23.8	23.8	25.3	25.2	28.3	28.0	27.5	27.1	25.2	18.8	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	95	88	66	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	654.0	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	70.6	31.8	11.1	6.2	34.3	34.5	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	550	36	17	22	77	144	106	47	22	15	14	10	4	5	10	-5	26
DEPLETION	241	6	3	3	20	34	29	36	33	22	9	5	2	3	11	12	13
REGULATED FLOW AT SIOUX CITY																	
KAF	15923	300	196	443	1473	1666	1577	1751	1711	1629	1671	754	263	145	797	785	762
KCFS		10.1	14.1	24.8	24.8	27.1	26.5	28.5	27.8	27.4	27.2	25.4	19.0	9.2	13.0	12.8	13.3
--TOTAL--																	
NAT INFLOW	15498	880	411	528	1638	2096	3595	1934	769	643	781	367	171	195	408	407	675
DEPLETION	2162	68	32	41	205	463	903	692	160	-139	-16	-65	-30	-35	-65	-48	-3
CHAN STOR	-4	89	-5	-22	-15	-37	-33	-6	9	51	49	3	-43	3	-42	-16	11
EVAPORATION	1713							108	336	417	357	158	73	83	181		
STORAGE	42499	43100	43279	43301	43246	43176	44259	43636	42207	40994	39812	39334	39156	39161	38614	38268	38195
SYSTEM POWER																	
AVE POWER MW		530	684	844	865	961	991	1144	1112	954	753	693	719	496	733	751	743
PEAK POW MW		2063	2061	2061	2058	2054	2066	2054	2032	2020	1987	1961	1958	1960	1931	1947	1955
ENERGY GWH	7550.1	190.7	115.0	182.4	622.7	715.3	713.5	851.0	827.7	686.9	559.9	249.5	120.9	95.2	545.3	558.8	515.3
DAILY GWH		12.7	16.4	20.3	20.8	23.1	23.8	27.5	26.7	22.9	18.1	16.6	17.3	11.9	17.6	18.0	17.8

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 29FEB

VALUES IN 1000 AF EXCEPT AS INDICATED

	29FEB04	2004											2005			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	377	-2	-1	-1	54	337	547	183	-79	-143	-74	-39	-18	-21	-133	-139	-94
EVAPORATION	410							25	78	98	86	39	18	21	45		
MOD INFLOW	6613	266	124	160	574	873	1304	621	325	364	386	187	87	100	398	400	443
RELEASE	5626	179	69	89	357	523	565	584	584	365	294	142	66	111	584	584	528
STOR CHANGE	988	88	55	70	217	350	739	37	-259	-1	92	45	21	-11	-186	-184	-85
STORAGE	12249	12337	12391	12462	12679	13029	13768	13805	13546	13544	13636	13681	13702	13691	13505	13321	13236
ELEV FTMSL	2219.8	2220.3	2220.6	2221.0	2222.2	2224.1	2228.0	2228.2	2226.8	2226.8	2227.3	2227.5	2227.6	2227.6	2226.6	2225.6	2225.2
DISCH KCFS	10.0	6.0	5.0	5.0	6.0	8.5	9.5	9.5	9.5	6.1	4.8	4.8	4.8	7.0	9.5	9.5	9.5
POWER																	
AVE POWER MW		78	65	65	78	111	126	127	126	82	64	64	64	93	126	126	126
PEAK POW MW		196	197	197	198	200	204	204	203	203	203	204	204	204	203	202	201
ENERGY GWH	900.8	27.9	10.9	14.0	56.3	82.8	90.6	94.3	94.1	58.8	47.4	23.0	10.7	17.9	94.0	93.7	84.4
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	995	2	1	1	6	212	778	520	24	-129	-3	-92	-43	-49	-99	-84	-51
CHAN STOR	5	42	10		-10	-26	-10			34	14		0	-22	-25		
EVAPORATION	480							29	92	116	101	45	21	24	52		
REG INFLOW	15157	688	298	370	1194	1708	2735	2101	1049	909	664	380	177	216	859	905	905
RELEASE	13952	476	222	286	1071	1261	1369	1383	1353	946	822	398	186	286	1230	1414	1250
STOR CHANGE	1205	212	76	84	123	447	1366	718	-304	-37	-159	-18	-8	-70	-371	-509	-345
STORAGE	14765	14977	15052	15136	15259	15706	17073	17790	17486	17449	17291	17273	17264	17194	16824	16314	15969
ELEV FTMSL	1825.8	1826.6	1826.9	1827.2	1827.6	1829.2	1834.0	1836.5	1835.4	1835.3	1834.8	1834.7	1834.7	1834.5	1833.2	1831.4	1830.2
DISCH KCFS	20.0	16.0	16.0	16.0	18.0	20.5	23.0	22.5	22.0	15.9	13.4	13.4	13.4	18.0	20.0	23.0	22.5
POWER																	
AVE POWER MW		186	187	187	211	241	276	276	271	196	165	165	165	221	244	277	268
PEAK POW MW		346	346	347	349	353	368	375	372	371	370	369	369	369	365	360	356
ENERGY GWH	2036.6	66.9	31.4	40.4	151.6	179.4	198.6	205.5	201.9	141.3	122.7	59.3	27.6	42.4	181.3	206.1	180.4
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	-11	18			-9	-11	-11	2	2	26	11			-21	-9	-13	2
EVAPORATION	449							28	88	108	93	41	19	22	48		
REG INFLOW	15207	788	359	462	1380	1422	1924	1376	1206	959	763	360	168	245	1142	1385	1267
RELEASE	13973	454	97	296	1090	1186	1101	1647	1752	1555	1040	491	226	204	949	1002	883
STOR CHANGE	1234	335	263	166	291	236	823	-270	-545	-596	-277	-131	-58	41	193	383	383
STORAGE	15405	15740	16002	16168	16459	16694	17517	17247	16701	16105	15828	15698	15640	15681	15873	16256	16639
ELEV FTMSL	1595.5	1596.8	1597.8	1598.4	1599.4	1600.3	1603.1	1602.2	1600.3	1598.1	1597.1	1596.6	1596.4	1596.6	1597.3	1598.7	1600.1
DISCH KCFS	16.3	15.2	7.0	16.6	18.3	19.3	18.5	26.8	28.5	26.1	16.9	16.5	16.3	12.9	15.4	16.3	15.9
POWER																	
AVE POWER MW		186	86	204	226	239	232	337	355	322	207	202	198	157	189	200	197
PEAK POW MW		654	659	662	668	672	687	682	672	661	656	654	653	653	657	664	671
ENERGY GWH	2092.6	66.8	14.4	44.1	162.8	178.1	167.1	250.5	264.2	232.2	154.3	72.6	33.3	30.1	140.4	149.1	132.5
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	13869	454	97	296	1090	1186	1101	1640	1732	1531	1018	481	221	199	938	1002	883
RELEASE	13869	454	97	296	1090	1186	1101	1640	1732	1531	1018	481	221	199	938	1002	883
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.3	15.2	7.0	16.6	18.3	19.3	18.5	26.7	28.2	25.7	16.6	16.2	15.9	12.5	15.2	16.3	15.9
POWER																	
AVE POWER MW		72	33	78	86	90	87	125	132	122	81	81	80	63	76	80	76
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	801.3	25.7	5.5	16.8	61.7	67.2	62.4	92.9	98.1	87.8	60.5	29.3	13.5	12.2	56.9	59.6	51.3
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	117							8	25	31	25	10	4	4	10		
REG INFLOW	14573	575	153	369	1201	1317	1274	1688	1749	1534	994	472	218	195	935	999	899
RELEASE	14573	167	136	369	1201	1317	1274	1688	1749	1678	1631	776	363	217	732	719	555
STOR CHANGE	0	408	17			0	0	0	0	-144	-637	-304	-145	-22	203	280	344
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2500	2780	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1341.0	1345.3	1350.0
DISCH KCFS	10.1	5.6	9.8	20.7	20.2	21.4	21.4	27.5	28.4	28.2	26.5	26.1	26.1	13.7	11.9	11.7	10.0
POWER																	
AVE POWER MW		47	84	175	171	181	181	231	239	236	213	197	191	100	88	90	80
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	296	285	284	300	319	338
ENERGY GWH	1442.1	16.9	14.0	37.7	122.8	134.6	130.2	171.9	177.9	169.6	158.1	71.1	32.1	19.2	65.6	66.8	53.7
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-8	-21	1	-2	0	-12	-2	0	3	1	0	23	3	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	15870	268	172	404	1345	1470	1416	1722	1833	1752	1746	818	382	262	798	798	686
RELEASE	15870	268	172	404	1345	1470	1416	1722	1820	1726	1746	818	382	262	798	798	725
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	12.4	22.6	22.6	23.9	23.8	28.0	29.6	29.0	28.4	27.5	27.5	16.5	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	43	78	78	82	82	95	100	100	99	96	96	58	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	664.3	11.4	7.3	16.8	55.9	61.0	58.8	70.9	74.7	72.2	73.9	34.7	16.2	11.2	34.3	34.3	30.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	17173	431	248	502	1524	1746	1610	1815	1882	1764	1779	829	387	268	807	790	794
KCFS		14.5	17.8	28.1	25.6	28.4	27.1	29.5	30.6	29.6	28.9	27.9	27.9	16.9	13.1	12.8	14.3
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2398	30	14	18	135	675	1514	939	97	-225	-73	-118	-55	-63	-196	-190	-104
CHAN STOR	-7	68	2	-21	-18	-39	-21	-10	0	60	28	1	0	-20	-31	-13	5
EVAPORATION	1597							98	311	387	334	149	69	79	171		
STORAGE	47583	48625	49035	49355	49985	51019	53946	54431	53335	52583	51602	51195	51004	50942	50781	50750	51009
SYSTEM POWER																	
AVE POWER MW		599	497	786	849	945	983	1191	1224	1058	829	805	795	693	769	819	793
PEAK POW MW		2175	2181	2185	2193	2204	2237	2239	2226	2219	2202	2178	2166	2164	2140	2160	2171
ENERGY GWH	7937.7	215.7	83.4	169.8	611.2	703.0	707.7	885.9	910.9	761.8	617.0	289.8	133.5	133.0	572.4	609.5	533.1
DAILY GWH		14.4	11.9	18.9	20.4	22.7	23.6	28.6	29.4	25.4	19.9	19.3	19.1	16.6	18.5	19.7	19.0

28FEB05		2005										2006			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	389	-2	-1	-1	56	331	556	190	-75	-143	-78	-40	-18	-21	-133	-139	-93
EVAPORATION	440							27	84	105	92	42	20	22	48		
MOD INFLOW	6571	266	124	160	572	879	1295	612	315	357	384	185	86	99	395	400	442
RELEASE	5953	149	62	80	298	492	762	553	523	413	332	161	111	143	615	676	583
STOR CHANGE	618	117	62	79	274	387	533	59	-208	-56	51	24	-25	-44	-220	-276	-141
STORAGE	13236	13354	13416	13495	13769	14156	14690	14749	14541	14485	14536	14561	14536	14492	14272	13996	13855
ELEV FTMSL	2225.2	2225.8	2226.1	2226.5	2228.0	2229.9	2232.5	2232.8	2231.8	2231.5	2231.8	2231.9	2231.8	2231.6	2230.5	2229.1	2228.4
DISCH KCFS	9.5	5.0	4.5	4.5	5.0	8.0	12.8	9.0	8.5	6.9	5.4	5.4	8.0	9.0	10.0	11.0	10.5
POWER																	
AVE POWER MW		66	60	60	67	107	96	122	115	94	73	73	108	121	135	147	140
PEAK POW MW		202	202	203	204	205	207	207	207	206	207	207	207	207	206	205	204
ENERGY GWH	913.5	23.9	10.0	12.9	48.0	79.7	69.0	90.6	85.5	67.5	54.4	26.3	18.2	23.3	100.2	109.7	94.3
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	894	1	0	1	7	184	786	512	29	-132	-3	-103	-48	-55	-117	-101	-67
CHAN STOR	-10	46	5		-5	-31	-49	38	5	15	15		-26	-10	-10	-10	5
EVAPORATION	513							31	99	124	108	49	23	26	55		
REG INFLOW	15536	663	286	361	1138	1700	2885	2114	981	934	697	407	200	264	920	1004	981
RELEASE	13878	476	222	286	1101	1261	1339	1353	1322	979	828	401	236	301	1230	1322	1222
STOR CHANGE	1658	187	64	76	38	440	1546	761	-341	-46	-131	6	-36	-37	-310	-318	-241
STORAGE	15969	16157	16221	16296	16334	16774	18320	19081	18740	18694	18563	18569	18533	18496	18186	17868	17628
ELEV FTMSL	1830.2	1830.8	1831.1	1831.3	1831.5	1833.0	1838.2	1840.6	1839.5	1839.4	1839.0	1839.0	1838.9	1838.7	1837.7	1836.7	1835.9
DISCH KCFS	22.5	16.0	16.0	16.0	18.5	20.5	22.5	22.0	21.5	16.5	13.5	13.5	17.0	19.0	20.0	21.5	22.0
POWER																	
AVE POWER MW		191	192	192	222	247	277	275	270	207	169	169	213	237	249	266	270
PEAK POW MW		358	359	360	360	364	380	478	474	473	472	472	471	471	467	463	461
ENERGY GWH	2073.4	68.9	32.2	41.5	159.9	183.9	199.3	204.9	201.1	148.9	126.0	60.9	35.8	45.6	185.2	197.7	181.6
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR	1	28			-11	-8	-8	2	2	21	13	0	-16	-9	-4	-7	-2
EVAPORATION	453							29	90	110	93	42	19	22	48		
REG INFLOW	15129	798	359	462	1408	1423	1894	1341	1171	985	770	363	203	272	1146	1299	1235
RELEASE	15191	582	138	336	1227	1327	1238	1769	1875	1674	1163	550	254	223	1112	909	813
STOR CHANGE	-62	216	221	126	181	96	655	-428	-704	-689	-393	-188	-51	49	34	390	421
STORAGE	16639	16856	17077	17203	17385	17481	18136	17708	17004	16315	15922	15734	15683	15732	15766	16156	16578
ELEV FTMSL	1600.1	1600.8	1601.6	1602.1	1602.7	1603.0	1605.2	1603.8	1601.4	1598.9	1597.5	1596.8	1596.6	1596.8	1596.9	1598.3	1599.9
DISCH KCFS	15.9	19.6	10.0	18.8	20.6	21.6	20.8	28.8	30.5	28.1	18.9	18.5	18.3	14.1	18.1	14.8	14.6
POWER																	
AVE POWER MW		243	125	236	259	272	264	365	383	349	233	226	223	172	221	182	181
PEAK POW MW		675	679	682	685	687	698	691	678	665	658	654	653	654	655	662	670
ENERGY GWH	2292.4	87.6	21.0	51.0	186.7	202.5	190.2	271.6	284.7	251.1	173.0	81.4	37.4	33.0	164.3	135.1	121.8
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	15088	582	138	336	1227	1327	1238	1763	1855	1650	1141	541	249	218	1101	909	813
RELEASE	15088	582	138	336	1227	1327	1238	1763	1855	1650	1141	541	249	218	1101	909	813
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	15.9	19.6	10.0	18.8	20.6	21.6	20.8	28.7	30.2	27.7	18.6	18.2	17.9	13.7	17.9	14.8	14.6
POWER																	
AVE POWER MW		92	47	88	97	101	97	134	141	131	91	91	90	69	88	72	70
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	870.1	33.0	7.8	19.0	69.5	75.2	70.1	99.8	105.0	94.6	67.7	32.8	15.2	13.3	65.8	53.8	47.2
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	15791	703	195	408	1338	1458	1411	1811	1872	1653	1117	532	245	214	1098	906	829
RELEASE	15790	295	178	408	1338	1458	1411	1811	1872	1797	1754	836	390	236	732	719	555
STOR CHANGE	0	408	17					0	0	-144	-637	-304	-145	-22	366	187	274
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2850	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.3	1350.0
DISCH KCFS	10.0	9.9	12.8	22.9	22.5	23.7	23.7	29.4	30.4	30.2	28.5	28.1	28.1	14.9	11.9	11.7	10.0
POWER																	
AVE POWER MW		82	109	193	190	200	200	247	256	252	228	212	206	108	89	91	80
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	297	285	284	311	324	338
ENERGY GWH	1564.4	29.7	18.3	41.7	136.6	148.8	144.0	184.1	190.2	181.4	169.8	76.4	34.5	20.8	66.4	67.9	54.0
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	0	-6	-19	1	-2	0	-11	-2	0	3	1	0	25	5	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	17087	388	216	445	1482	1611	1553	1845	1956	1871	1869	878	410	282	800	798	686
RELEASE	17087	388	216	445	1482	1611	1553	1845	1943	1845	1869	878	410	282	800	798	725
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	15.5	24.9	24.9	26.2	26.1	30.0	31.6	31.0	30.4	29.5	29.5	17.8	13.0	13.0	13.0
POWER																	
AVE POWER MW		46	54	85	85	89	89	101	105	105	105	102	102	63	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	708.4	16.4	9.1	18.4	61.3	66.6	64.2	75.1	78.2	75.7	77.8	36.9	17.2	12.1	34.4	34.3	30.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	18389	551	292	543	1661	1887	1747	1937	2005	1883	1902	888	414	288	809	790	794
KCFS		18.5	21.0	30.4	27.9	30.7	29.4	31.5	32.6	31.6	30.9	29.9	29.9	18.2	13.2	12.8	14.3
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2322	29	13	17	138	642	1534	943	109	-227	-77	-130	-60	-69	-214	-207	-119
CHAN STOR	-10	74	0	-19	-15	-41	-57	29	5	37	31	1	-41	6	-9	-16	6
EVAPORATION	1665							103	325	404	348	155	72	82	177		
STORAGE	51009	51939	52302	52583	53077	54000	56735	57127	55887	54978	53868	53407	53150	53097	52967	52950	53224
SYSTEM POWER																	
AVE POWER MW		721	586	854	920	1017	1023	1245	1270	1138	899	874	942	771	828	804	788
PEAK POW MW		2214	2219	2222	2227	2235	2264	2354	2338	2328	2309	2284	2272	2270	2255	2270	2277
ENERGY GWH	8422.2	259.5	98.5	184.5	662.1	756.6	736.8	926.1	944.7	819.1	668.8	314.7	158.3	148.0	616.2	598.5	529.8
DAILY GWH		17.3	14.1	20.5	22.1	24.4	24.6	29.9	30.5	27.3	21.6	21.0	22.6	18.5	19.9	19.3	18.9

VALUES IN 1000 AF EXCEPT AS INDICATED

	28FEB06	2006											2007			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	389	-2	-1	-1	56	331	556	190	-75	-143	-78	-40	-18	-21	-133	-139	-93
EVAPORATION	436							27	84	105	91	41	19	22	47		
MOD INFLOW	6575	266	124	160	572	879	1295	612	315	357	385	186	87	99	396	400	442
RELEASE	6853	179	69	89	417	492	1083	646	615	498	401	194	111	159	615	676	611
STOR CHANGE	-278	88	55	70	155	387	212	-33	-300	-140	-16	-8	-24	-59	-219	-276	-169
STORAGE	13855	13942	13997	14068	14223	14610	14822	14789	14489	14349	14333	14325	14301	14241	14022	13746	13577
ELEV FTMSL	2228.4	2228.8	2229.1	2229.5	2230.3	2232.2	2233.2	2233.0	2231.6	2230.9	2230.8	2230.8	2230.6	2230.3	2229.3	2227.8	2227.0
DISCH KCFS	10.5	6.0	5.0	5.0	7.0	8.0	18.2	10.5	10.0	8.4	6.5	6.5	8.0	10.0	10.0	11.0	11.0
POWER																	
AVE POWER MW		80	67	67	94	108	56	142	135	113	88	88	108	134	134	147	146
PEAK POW MW		204	205	205	206	207	207	208	207	206	206	206	206	206	205	204	203
ENERGY GWH	978.8	28.9	11.3	14.5	67.7	80.2	40.6	105.8	100.6	81.1	65.3	31.6	18.1	25.8	99.8	109.2	98.3
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	968	-7	-3	-4	-8	214	816	569	35	-135	-8	-107	-50	-57	-119	-102	-67
CHAN STOR	-7	45	10		-20	-10	-101	75	5	16	18		-15	-20	0	-10	0
EVAPORATION	518							32	102	126	108	48	22	25	55		
REG INFLOW	16361	700	302	375	1258	1691	3124	2185	1064	1020	773	444	213	272	932	1005	1004
RELEASE	16992	536	250	214	1369	1660	1666	1691	1660	1470	1139	551	257	317	1230	1537	1444
STOR CHANGE	-632	164	52	161	-111	31	1457	494	-596	-450	-366	-108	-44	-45	-298	-532	-440
STORAGE	17628	17792	17843	18004	17893	17924	19381	19876	19279	18829	18462	18355	18311	18266	17968	17436	16996
ELEV FTMSL	1835.9	1836.5	1836.6	1837.2	1836.8	1836.9	1841.5	1843.0	1841.2	1839.8	1838.6	1838.3	1838.2	1838.0	1837.0	1835.3	1833.8
DISCH KCFS	22.0	18.0	18.0	12.0	23.0	27.0	28.0	27.5	27.0	24.7	18.5	18.5	18.5	20.0	20.0	25.0	26.0
POWER																	
AVE POWER MW		222	222	149	284	332	349	348	342	311	232	231	231	249	248	306	315
PEAK POW MW		463	463	465	464	464	481	491	479	475	470	469	469	468	465	458	453
ENERGY GWH	2555.2	79.7	37.3	32.1	204.2	247.0	251.4	258.9	254.1	223.9	172.8	83.2	38.8	47.8	184.4	227.9	211.8
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	-17	17		25	-46	-17	-4	2	2	9	25	0	0	-6	0	-21	-4
EVAPORATION	486							30	94	117	101	45	21	24	53		
REG INFLOW	18177	847	387	416	1639	1814	2222	1674	1501	1456	1086	509	238	289	1146	1500	1454
RELEASE	15918	582	153	366	1322	1426	1333	1848	1955	1752	1243	589	272	244	1112	939	783
STOR CHANGE	2259	265	234	50	317	388	889	-175	-454	-296	-157	-80	-34	45	34	561	671
STORAGE	16578	16843	17077	17127	17444	17832	18721	18546	18093	17797	17640	17560	17526	17572	17605	18167	18837
ELEV FTMSL	1599.9	1600.8	1601.6	1601.8	1602.9	1604.2	1607.1	1606.6	1605.1	1604.1	1603.6	1603.3	1603.2	1603.3	1603.4	1605.3	1607.5
DISCH KCFS	14.6	19.5	11.0	20.5	22.2	23.2	22.4	30.1	31.8	29.4	20.2	19.8	19.6	15.4	18.1	15.3	14.1
POWER																	
AVE POWER MW		243	138	257	279	293	287	386	406	374	256	251	247	194	229	195	182
PEAK POW MW		675	679	680	686	693	709	705	698	692	689	688	687	688	689	699	710
ENERGY GWH	2447.4	87.6	23.2	55.4	201.0	218.2	206.5	287.3	302.0	269.0	190.6	90.2	41.6	37.3	170.4	144.8	122.2
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	15814	582	153	366	1322	1426	1333	1842	1935	1727	1221	579	267	238	1101	939	783
RELEASE	15814	582	153	366	1322	1426	1333	1842	1935	1727	1221	579	267	238	1101	939	783
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	14.6	19.5	11.0	20.5	22.2	23.2	22.4	30.0	31.5	29.0	19.9	19.5	19.2	15.0	17.9	15.3	14.1
POWER																	
AVE POWER MW		92	52	96	104	109	105	140	147	138	97	98	97	76	88	75	68
PEAK POW MW		510	509	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	911.6	33.0	8.7	20.7	74.9	80.8	75.5	104.3	109.6	99.0	72.4	35.1	16.2	14.5	65.8	55.5	45.5
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	16517	703	209	438	1433	1557	1506	1890	1952	1731	1197	570	263	235	1098	936	799
RELEASE	16517	295	192	438	1433	1557	1506	1890	1952	1875	1834	874	408	257	732	719	555
STOR CHANGE		408	17		0			0	0	-144	-637	-304	-145	-22	366	217	244
STORAGE	3124	3532	3549	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2880	3124
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.7	1350.0
DISCH KCFS	10.0	9.9	13.9	24.5	24.1	25.3	25.3	30.7	31.7	31.5	29.8	29.4	29.4	16.2	11.9	11.7	10.0
POWER																	
AVE POWER MW		82	118	207	203	213	213	258	266	263	238	222	215	118	89	91	80
PEAK POW MW		354	355	355	355	355	355	355	355	349	318	297	285	284	311	326	338
ENERGY GWH	1636.1	29.7	19.7	44.7	146.2	158.7	153.5	192.0	198.1	189.0	177.4	79.9	36.1	22.6	66.4	68.0	54.0
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	0	-8	-20	1	-2	0	-10	-2	0	3	1	0	25	8	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	17814	388	228	473	1577	1709	1648	1925	2036	1948	1949	916	428	303	802	798	686
RELEASE	17814	388	228	473	1577	1709	1648	1925	2023	1922	1949	916	428	303	802	798	725
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	16.4	26.5	26.5	27.8	27.7	31.3	32.9	32.3	31.7	30.8	30.8	19.1	13.0	13.0	13.0
POWER																	
AVE POWER MW		46	57	90	90	95	94	104	108	108	108	106	106	67	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	732.9	16.4	9.6	19.5	65.1	70.4	67.9	77.3	80.3	77.8	80.1	38.0	17.7	12.9	34.5	34.3	30.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	19113	551	304	571	1755	1984	1842	2017	2085	1960	1981	927	433	309	811	790	794
KCFS		18.5	21.9	32.0	29.5	32.3	31.0	32.8	33.9	32.9	32.2	31.2	31.2	19.5	13.2	12.8	14.3
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2415	21	10	13	125	674	1567	1004	119	-229	-81	-133	-62	-71	-216	-208	-118
CHAN STOR	-25	62	2	5	-65	-29	-106	67	5	26	47	1	-15	-1	8	-30	-1
EVAPORATION	1698							106	332	412	354	158	73	83	180		
STORAGE	53224	54149	54506	54788	55149	55955	58513	58800	57463	56458	55282	54783	54536	54455	54338	54308	54574
SYSTEM POWER																	
AVE POWER MW		765	653	866	1054	1150	1105	1379	1404	1305	1020	994	1003	838	835	860	837
PEAK POW MW		2321	2325	2329	2334	2342	2376	2383	2363	2357	2339	2315	2302	2301	2286	2302	2309
ENERGY GWH	9262.1	275.3	109.8	187.0	759.1	855.3	795.5	1025.6	1044.7	939.9	758.7	358.0	168.5	161.0	621.2	639.8	562.7
DAILY GWH		18.4	15.7	20.8	25.3	27.6	26.5	33.1	33.7	31.3	24.5	23.9	24.1	20.1	20.0	20.6	20.1

28FEB07		2007										2008			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	410	-2	-1	-1	55	332	565	205	-66	-144	-78	-40	-18	-21	-133	-139	-104
EVAPORATION	460							28	87	110	96	44	20	23	51		
MOD INFLOW	6530	266	124	160	573	878	1286	596	303	353	380	183	85	98	392	400	453
RELEASE	4840	119	56	71	298	369	506	523	492	365	251	122	83	111	492	523	460
STOR CHANGE	1690	147	69	88	275	509	780	74	-189	-12	128	62	2	-13	-100	-123	-7
STORAGE	13577	13724	13793	13881	14157	14666	15446	15520	15330	15318	15447	15508	15510	15497	15397	15275	15268
ELEV FTMSL	2227.0	2227.7	2228.1	2228.5	2229.9	2232.4	2236.1	2236.4	2235.6	2235.5	2236.1	2236.4	2236.4	2236.3	2235.9	2235.3	2235.3
DISCH KCFS	11.0	4.0	4.0	4.0	5.0	6.0	8.5	8.5	8.0	6.1	4.1	4.1	6.0	7.0	8.0	8.5	8.0
POWER																	
AVE POWER MW		53	53	54	67	81	116	116	109	84	56	56	82	96	109	116	109
PEAK POW MW		204	204	204	205	207	210	210	209	209	210	210	210	210	210	209	209
ENERGY GWH	798.0	19.2	9.0	11.6	48.3	60.3	83.3	86.6	81.4	60.4	41.7	20.2	13.8	18.4	81.5	86.4	76.0
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	981	-6	-3	-4	-8	214	826	585	40	-138	-12	-110	-51	-58	-119	-101	-74
CHAN STOR	30	71			-10	-10	-25	0	5	18	20		-19	-10	-10	-5	5
EVAPORATION	508							31	99	123	106	47	22	25	54		
REG INFLOW	14381	665	277	357	1148	1568	2613	1972	939	895	631	375	183	237	800	856	865
RELEASE	14877	476	222	286	1071	1353	1458	1476	1445	1115	943	456	250	301	1230	1414	1381
STOR CHANGE	-496	189	55	71	77	215	1155	497	-506	-220	-312	-81	-67	-65	-430	-559	-515
STORAGE	16996	17185	17241	17312	17389	17604	18759	19256	18749	18529	18217	18136	18069	18004	17574	17016	16501
ELEV FTMSL	1833.8	1834.4	1834.6	1834.8	1835.1	1835.8	1839.6	1841.1	1839.5	1838.8	1837.9	1837.6	1837.4	1837.2	1835.7	1833.8	1832.1
DISCH KCFS	26.0	16.0	16.0	16.0	18.0	22.0	24.5	24.0	23.5	18.7	15.3	15.3	18.0	19.0	20.0	23.0	24.0
POWER																	
AVE POWER MW		195	195	195	220	269	303	302	296	235	192	191	223	235	246	280	288
PEAK POW MW		455	456	457	458	460	474	480	474	471	468	467	466	465	460	453	446
ENERGY GWH	2221.2	70.1	32.8	42.2	158.3	200.0	218.3	224.6	220.0	169.1	142.5	68.7	37.5	45.2	183.2	208.1	200.7
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	7	40			-8	-16	-10	2	2	19	14		-11	-4	-4	-12	-4
EVAPORATION	501							32	100	121	103	46	21	24	53		
REG INFLOW	16057	809	359	462	1380	1506	2005	1451	1277	1106	876	414	219	275	1141	1385	1390
RELEASE	16814	464	255	386	1334	1438	1345	1867	1973	1770	1261	598	276	265	1358	1135	1089
STOR CHANGE	-758	345	104	76	47	68	660	-416	-696	-664	-385	-184	-57	10	-217	249	301
STORAGE	18837	19182	19286	19362	19409	19477	20137	19721	19025	18362	17977	17793	17736	17746	17529	17778	18080
ELEV FTMSL	1607.5	1608.6	1608.9	1609.2	1609.3	1609.5	1611.5	1610.3	1608.1	1606.0	1604.7	1604.1	1603.9	1603.9	1603.2	1604.0	1605.0
DISCH KCFS	14.1	15.6	18.4	21.6	22.4	23.4	22.6	30.4	32.1	29.7	20.5	20.1	19.9	16.7	22.1	18.5	18.9
POWER																	
AVE POWER MW		203	239	282	292	305	297	398	417	383	262	256	252	212	280	234	241
PEAK POW MW		716	718	719	720	721	732	725	714	702	695	692	691	691	687	692	697
ENERGY GWH	2627.4	73.0	40.2	60.9	210.5	227.1	213.7	296.4	310.4	275.4	195.1	92.0	42.4	40.7	208.0	174.1	167.8
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	16711	464	255	386	1334	1438	1345	1861	1953	1745	1239	588	271	259	1347	1135	1089
RELEASE	16711	464	255	386	1334	1438	1345	1861	1953	1745	1239	588	271	259	1347	1135	1089
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	14.1	15.6	18.4	21.6	22.4	23.4	22.6	30.3	31.8	29.3	20.2	19.8	19.5	16.3	21.9	18.5	18.9
POWER																	
AVE POWER MW		74	86	101	105	109	106	142	149	139	99	99	98	82	108	90	91
PEAK POW MW		517	510	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	964.4	26.6	14.5	21.9	75.5	81.5	76.2	105.4	110.6	100.0	73.5	35.7	16.5	15.8	80.3	67.2	63.2
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	17414	585	311	459	1445	1569	1518	1909	1970	1748	1216	579	268	256	1344	1132	1105
RELEASE	17414	295	194	442	1445	1569	1518	1909	1970	1892	1853	883	413	277	978	965	811
STOR CHANGE	0	291	117	17				0	0	-144	-637	-304	-145	-22	366	167	294
STORAGE	3124	3415	3532	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2830	3124
ELEV FTMSL	1350.0	1353.6	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1346.0	1350.0
DISCH KCFS	10.0	9.9	14.0	24.7	24.3	25.5	25.5	31.0	32.0	31.8	30.1	29.7	29.7	17.5	15.9	15.7	14.1
POWER																	
AVE POWER MW		82	118	208	205	215	215	261	269	265	241	224	217	127	119	122	113
PEAK POW MW		350	354	355	355	355	355	355	355	349	318	297	285	284	312	322	338
ENERGY GWH	1719.2	29.5	19.8	45.0	147.4	159.9	154.7	193.9	200.0	190.8	179.2	80.7	36.5	24.4	88.4	90.7	78.5
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-9	0	-8	-21	1	-2	0	-11	-2	0	3	1	0	23	3	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	18703	388	230	477	1589	1722	1660	1943	2054	1966	1968	925	432	322	1043	1044	941
RELEASE	18703	388	230	477	1589	1722	1660	1943	2041	1940	1968	925	432	322	1043	1044	980
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	13.0	16.5	26.7	26.7	28.0	27.9	31.6	33.2	32.6	32.0	31.1	31.1	20.3	17.0	17.0	17.0
POWER																	
AVE POWER MW		46	57	91	91	95	95	105	109	109	108	106	106	72	60	60	60
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	769.0	16.4	9.7	19.7	65.6	70.9	68.4	77.8	80.8	78.3	80.6	38.2	17.8	13.7	44.6	44.7	41.6
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	19999	551	306	575	1767	1997	1854	2035	2102	1977	2000	936	437	328	1052	1036	1048
KCFS		18.5	22.0	32.2	29.7	32.5	31.2	33.1	34.2	33.2	32.5	31.5	31.5	20.7	17.1	16.8	18.2
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2465	22	10	13	124	676	1589	1040	137	-232	-86	-136	-63	-73	-215	-206	-135
CHAN STOR	29	110	-8	-21	-17	-28	-35	-9	5	38	37	1	-30	9	-11	-17	4
EVAPORATION	1728							108	338	420	360	160	74	85	183		
STORAGE	54574	55547	55892	56144	56543	57336	59931	60086	58707	57693	56488	55980	55713	55623	55243	54978	55012
SYSTEM POWER																	
AVE POWER MW		652	749	932	980	1075	1131	1323	1348	1214	958	932	979	824	922	902	902
PEAK POW MW		2356	2357	2359	2361	2367	2394	2393	2376	2366	2346	2320	2308	2305	2284	2293	2296
ENERGY GWH	9099.3	234.8	125.9	201.3	705.6	799.6	814.6	984.6	1003.2	874.0	712.6	335.5	164.5	158.2	686.0	671.1	627.8
DAILY GWH		15.7	18.0	22.4	23.5	25.8	27.2	31.8	32.4	29.1	23.0	22.4	23.5	19.8	22.1	21.6	21.6

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 29FEB

29FEB08		2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7400	264	123	158	628	1210	1851	829	324	319	398	188	88	100	310	261	349
DEPLETION	422	-2	-1	-1	55	333	569	212	-62	-144	-82	-42	-19	-22	-136	-141	-95
EVAPORATION	462							29	89	111	96	44	20	23	50		
MOD INFLOW	6516	266	124	160	573	877	1282	588	297	352	384	185	87	99	396	402	444
RELEASE	7420	179	83	107	446	646	803	799	769	565	442	214	100	159	615	799	694
STOR CHANGE	-904	88	41	53	127	231	479	-211	-472	-213	-58	-28	-13	-60	-219	-397	-250
STORAGE	15268	15355	15396	15449	15575	15807	16285	16074	15602	15389	15331	15303	15290	15230	15011	14614	14364
ELEV FTMSL	2235.3	2235.7	2235.9	2236.1	2236.7	2237.8	2239.9	2239.0	2236.8	2235.8	2235.6	2235.4	2235.4	2235.1	2234.1	2232.2	2231.0
DISCH KCFS	8.0	6.0	6.0	6.0	7.5	10.5	13.5	13.0	12.5	9.5	7.2	7.2	7.2	10.0	10.0	13.0	12.5
POWER																	
AVE POWER MW		82	82	82	103	144	185	179	172	130	98	98	98	136	136	175	168
PEAK POW MW		210	210	210	210	211	213	212	210	210	209	209	209	209	208	207	206
ENERGY GWH	1225.6	29.5	13.8	17.8	74.0	107.2	132.9	133.0	127.7	93.6	73.1	35.4	16.5	26.2	101.3	130.5	113.1
--GARRISON--																	
NAT INFLOW	11001	469	219	282	853	1423	2958	2066	581	497	454	192	89	102	253	237	326
DEPLETION	1205	-6	-3	-3	-6	215	836	601	46	-141	-17	-89	-41	-47	-69	-50	-21
CHAN STOR	-46	20			-15	-30	-30	5	5	29	23	0	0	-27	0	-29	5
EVAPORATION	532							32	102	128	112	51	24	27	58		
REG INFLOW	16638	674	305	392	1290	1823	2895	2237	1207	1104	823	443	207	254	879	1057	1046
RELEASE	14860	536	250	321	1131	1291	1458	1476	1445	1062	898	434	264	317	1230	1414	1333
STOR CHANGE	1778	139	55	71	160	532	1437	762	-238	42	-75	9	-57	-64	-351	-357	-287
STORAGE	16501	16639	16694	16765	16925	17457	18894	19656	19417	19460	19385	19394	19337	19273	18923	18565	18279
ELEV FTMSL	1832.1	1832.5	1832.7	1833.0	1833.5	1835.3	1840.0	1842.3	1841.6	1841.7	1841.5	1841.5	1841.4	1841.2	1840.1	1839.0	1838.0
DISCH KCFS	24.0	18.0	18.0	18.0	19.0	21.0	24.5	24.0	23.5	17.8	14.6	14.6	19.0	20.0	20.0	23.0	24.0
POWER																	
AVE POWER MW		216	217	217	229	255	303	303	297	226	185	185	240	253	253	288	299
PEAK POW MW		448	449	450	452	458	476	484	481	481	481	481	480	479	476	472	468
ENERGY GWH	2240.5	77.8	36.4	46.8	165.1	189.8	218.3	225.7	221.2	162.9	137.9	66.7	40.4	48.6	188.0	214.3	200.7
--OAHE--																	
NAT INFLOW	2300	317	148	190	364	236	689	162	33	118	14	5	2	3	-20		40
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	-1	24			-4	-8	-14	2	2	23	13	0	-19	-4	0	-13	-4
EVAPORATION	481							31	96	116	99	44	21	23	51		
REG INFLOW	16037	853	387	497	1443	1451	1998	1449	1278	1061	835	394	226	292	1147	1384	1342
RELEASE	16921	601	260	382	1334	1438	1345	1867	1973	1770	1261	598	276	265	1361	1107	1083
STOR CHANGE	-884	252	126	115	108	13	653	-418	-695	-709	-426	-204	-50	27	-214	277	259
STORAGE	18080	18332	18458	18573	18682	18695	19348	18929	18235	17526	17100	16896	16846	16873	16659	16937	17196
ELEV FTMSL	1605.0	1605.9	1606.3	1606.7	1607.0	1607.1	1609.1	1607.8	1605.5	1603.2	1601.7	1601.0	1600.8	1600.9	1600.1	1601.1	1602.0
DISCH KCFS	18.9	20.2	18.8	21.4	22.4	23.4	22.6	30.4	32.1	29.7	20.5	20.1	19.9	16.7	22.1	18.0	19.5
POWER																	
AVE POWER MW		258	241	275	289	301	293	393	412	377	258	251	248	208	275	224	244
PEAK POW MW		702	704	706	708	708	719	712	700	687	680	676	675	675	671	677	681
ENERGY GWH	2606.8	93.0	40.5	59.5	208.0	224.3	211.0	292.7	306.3	271.4	192.0	90.5	41.7	40.0	204.9	167.0	164.2
--BIG BEND--																	
EVAPORATION	103							6	20	25	22	10	5	5	11		
REG INFLOW	16817	601	260	382	1334	1438	1345	1861	1953	1745	1239	588	271	259	1349	1107	1083
RELEASE	16817	601	260	382	1334	1438	1345	1861	1953	1745	1239	588	271	259	1349	1107	1083
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.9	20.2	18.8	21.4	22.4	23.4	22.6	30.3	31.8	29.3	20.2	19.8	19.5	16.3	21.9	18.0	19.5
POWER																	
AVE POWER MW		96	88	100	105	109	106	142	149	139	99	99	98	82	108	88	94
PEAK POW MW		516	510	509	509	509	509	509	509	517	538	538	538	538	538	538	529
ENERGY GWH	970.5	34.4	14.8	21.7	75.6	81.5	76.2	105.4	110.6	100.0	73.5	35.7	16.5	15.8	80.5	65.6	62.8
--FORT RANDALL--																	
NAT INFLOW	900	122	57	73	115	140	185	74	57	42	2	2	1	1	10		19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	118							8	25	31	25	10	4	4	10		
REG INFLOW	17520	722	317	455	1445	1569	1518	1909	1970	1748	1216	579	268	256	1346	1104	1099
RELEASE	17520	412	218	438	1445	1569	1518	1909	1970	1892	1853	883	413	277	980	967	775
STOR CHANGE	0	309	99	17				0	0	-144	-637	-304	-145	-22	366	137	324
STORAGE	3124	3433	3532	3549	3549	3549	3549	3549	3549	3405	2768	2464	2319	2297	2663	2800	3124
ELEV FTMSL	1350.0	1353.8	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1353.5	1345.1	1340.4	1337.9	1337.5	1343.5	1345.6	1350.0
DISCH KCFS	14.1	13.9	15.7	24.5	24.3	25.5	25.5	31.0	32.0	31.8	30.1	29.7	29.7	17.5	15.9	15.7	14.0
POWER																	
AVE POWER MW		115	132	207	205	215	215	261	269	265	241	224	217	127	119	122	111
PEAK POW MW		351	354	355	355	355	355	355	355	349	318	297	285	284	312	320	338
ENERGY GWH	1729.6	41.2	22.3	44.6	147.4	159.9	154.7	193.9	200.0	190.8	179.2	80.7	36.5	24.4	88.6	90.6	74.8
--GAVINS POINT--																	
NAT INFLOW	1450	92	43	55	148	174	166	86	103	77	122	50	23	27	77	79	127
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	0	-4	-17	0	-2	0	-11	-2	0	3	1	0	23	3	0	3
EVAPORATION	38							2	7	9	8	4	2	2	4		
REG INFLOW	18817	506	258	477	1589	1722	1660	1943	2054	1966	1968	925	432	322	1046	1045	905
RELEASE	18817	506	258	477	1589	1722	1660	1943	2041	1940	1968	925	432	322	1046	1045	944
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	17.0	17.0	18.6	26.7	26.7	28.0	27.9	31.6	33.2	32.6	32.0	31.1	31.1	20.3	17.0	17.0	17.0
POWER																	
AVE POWER MW		59	64	91	91	95	95	105	109	109	108	106	106	72	60	60	60
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	773.6	21.2	10.8	19.7	65.6	70.9	68.4	77.8	80.8	78.3	80.6	38.2	17.8	13.7	44.7	44.7	40.1
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1550	169	79	102	199	310	224	129	96	60	42	16	7	9	21	5	82
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	20112	669	334	574	1767	1997	1854	2034	2102	1977	2000	936	437	328	1055	1037	1012
KCFS		22.5	24.1	32.2	29.7	32.5	31.2	33.1	34.2	33.2	32.5	31.5	31.5	20.7	17.2	16.9	18.2
--TOTAL--																	
NAT INFLOW	24601	1435	669	860	2307	3493	6073	3346	1194	1113	1032	452	211	241	651	582	943
DEPLETION	2717	23	11	14	127	679	1606	1068	150	-234	-95	-117	-55	-62	-168	-157	-72
CHAN STOR	-47	45	-4	-17	-19	-41	-44	-4	5	53	39	1	-19	-9	3	-42	4
EVAPORATION	1734							108	338	421	362	161	75	85	184		
STORAGE	55012	55800	56121	56376	56770	57547	60116	60248	58856	57859	56663	56135	55870	55752	55335	54995	55001
SYSTEM POWER																	
AVE POWER MW		826	824	972	1022	1120	1197	1382	1407	1246	990	964	1008	879	952	958	976
PEAK POW MW		2340	2342	2344	2348	2356	2386	2386	2370	2362	2342	2317	2305	2303	2283	2292	2299
ENERGY GWH	9546.7	297.2	138.5	210.0	735.7	833.5	861.5	1028.5	1046.7	897.0	736.3	347.1	169.4	168.7	708.0	712.8	655.7
DAILY GWH		19.8	19.8	23.3	24.5	26.9	28.7	33.2	33.8	29.9	23.8	23.1	24.2	21.1	22.8	23.0	23.4

TIME OF STUDY 09:48:32 CWCP, FLOW TO TARGET, 16-DAY SHORTENED SEASON STUDY NO 34
VALUES IN 1000 AF EXCEPT AS INDICATED

	29FEB04	2004										2005				
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6556	264	123	158	574	1011	1589	692	287	275	354	183	85	98	322	231	309
DEPLETION	345	3	2	2	74	295	438	167	-60	-130	-68	-32	-15	-17	-110	-121	-83
EVAPORATION	456							28	87	109	96	43	20	23	50		
MOD INFLOW	5755	261	122	156	500	716	1151	497	260	296	326	172	80	92	382	352	392
RELEASE	5523	134	62	80	417	492	536	553	553	338	284	137	67	143	584	615	528
STOR CHANGE	231	127	59	76	83	224	615	-56	-294	-42	42	34	13	-51	-202	-263	-136
STORAGE	10505	10632	10691	10767	10851	11075	11690	11634	11340	11298	11340	11375	11388	11337	11135	10872	10736
ELEV FTMSL	2209.6	2210.4	2210.8	2211.2	2211.7	2213.0	2216.6	2216.3	2214.6	2214.4	2214.6	2214.8	2214.9	2214.6	2213.4	2211.8	2211.0
DISCH KCFS	10.5	4.5	4.5	4.5	7.0	8.0	9.0	9.0	9.0	5.7	4.6	4.6	4.8	9.0	9.5	10.0	9.5
POWER																	
AVE POWER MW		56	56	56	87	100	113	114	114	72	58	58	61	113	119	125	118
PEAK POW MW		183	184	184	185	187	191	191	189	188	189	189	189	189	187	185	184
ENERGY GWH	837.6	20.0	9.4	12.1	62.5	74.1	81.6	85.0	84.6	51.6	43.4	21.0	10.2	21.8	88.6	92.6	79.1
--GARRISON--																	
NAT INFLOW	10069	475	221	285	763	1282	2701	1891	532	446	428	175	82	93	238	177	280
DEPLETION	1463	45	21	27	84	234	815	571	57	-105	25	-81	-38	-43	-69	-52	-28
CHAN STOR	11	65			-27	-11	-11			35	11		-2	-44	-5	-5	5
EVAPORATION	536							33	104	130	112	50	23	27	58		
REG INFLOW	13604	629	263	338	1069	1529	2411	1841	924	794	586	343	161	208	828	839	841
RELEASE	13336	476	208	268	1012	1168	1250	1261	1230	1041	836	405	194	270	1230	1322	1166
STOR CHANGE	268	153	55	71	57	361	1161	580	-305	-246	-250	-62	-34	-62	-401	-483	-325
STORAGE	12642	12795	12850	12921	12978	13338	14500	15080	14775	14528	14278	14216	14182	14121	13719	13236	12910
ELEV FTMSL	1817.4	1818.1	1818.3	1818.6	1818.8	1820.3	1824.8	1827.0	1825.8	1824.9	1823.9	1823.7	1823.6	1823.3	1821.8	1819.8	1818.5
DISCH KCFS	21.5	16.0	15.0	15.0	17.0	19.0	21.0	20.5	20.0	17.5	13.6	13.6	14.0	17.0	20.0	21.5	21.0
POWER																	
AVE POWER MW		176	165	166	188	211	237	237	232	202	157	156	160	194	226	240	232
PEAK POW MW		321	321	322	323	327	340	347	343	341	338	337	337	336	331	326	322
ENERGY GWH	1823.3	63.2	27.8	35.7	135.1	156.7	170.9	176.4	172.7	145.4	116.4	56.1	26.9	37.2	168.3	178.6	155.9
--OAHE--																	
NAT INFLOW	1761	187	87	112	278	158	701	124	29	79	11				-42	-7	44
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	2	27	5	0	-10	-10	-10	2	2	12	19	0	-2	-15	-15	-7	2
EVAPORATION	473							30	92	113	98	44	21	24	52		
REG INFLOW	14041	667	290	366	1234	1253	1818	1214	1076	996	777	359	171	230	1110	1292	1188
RELEASE	13769	348	239	353	1211	1374	1215	1706	1675	1306	745	470	98	136	1140	852	900
STOR CHANGE	272	319	51	13	23	-121	603	-493	-599	-310	32	-112	73	94	-30	440	288
STORAGE	13229	13548	13599	13612	13636	13514	14117	13625	13026	12716	12748	12637	12710	12804	12774	13214	13502
ELEV FTMSL	1586.8	1588.1	1588.3	1588.4	1588.5	1588.0	1590.5	1588.4	1585.9	1584.6	1584.7	1584.2	1584.5	1584.9	1584.8	1586.7	1587.9
DISCH KCFS	13.6	11.7	17.2	19.8	20.3	22.3	20.4	27.8	27.2	21.9	12.1	15.8	7.1	8.6	18.5	13.8	16.2
POWER																	
AVE POWER MW		136	200	230	237	260	239	324	314	251	138	180	81	98	212	159	188
PEAK POW MW		612	613	613	613	611	623	613	600	593	594	591	593	595	594	604	611
ENERGY GWH	1924.9	48.9	33.6	49.7	170.5	193.1	171.9	241.1	233.6	180.4	102.9	64.8	13.6	18.9	157.4	118.4	126.1
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13640	348	239	353	1211	1374	1215	1699	1651	1275	718	458	93	130	1126	852	900
RELEASE	13640	348	239	353	1211	1374	1215	1699	1651	1275	718	458	93	130	1126	852	900
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.6	11.7	17.2	19.8	20.3	22.3	20.4	27.6	26.8	21.4	11.7	15.4	6.7	8.2	18.3	13.8	16.2
POWER																	
AVE POWER MW		55	81	93	95	105	96	129	126	102	59	78	34	41	90	68	78
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	787.6	20.0	13.6	20.0	68.6	77.8	68.8	96.2	93.5	73.5	43.9	27.9	5.7	8.0	67.3	50.7	52.3
--FORT RANDALL--																	
NAT INFLOW	643	88	41	53	82	66	167	33	63	30	2				6	-6	19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14058	434	279	405	1289	1431	1370	1704	1667	1259	686	447	88	124	1116	843	916
RELEASE	14059	161	145	388	1289	1431	1370	1704	1667	1606	1564	475	88	124	750	726	572
STOR CHANGE	-1	274	134	17				0	0	-347	-877	-28	0	0	366	117	344
STORAGE	3124	3398	3532	3549	3549	3549	3549	3549	3549	3202	2324	2297	2296	2296	2662	2779	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1338.0	1337.5	1337.5	1337.5	1343.5	1345.2	1350.0
DISCH KCFS	10.5	5.4	10.4	21.7	21.7	23.3	23.0	27.7	27.1	27.0	25.4	16.0	6.4	7.8	12.2	11.8	10.3
POWER																	
AVE POWER MW		45	88	183	183	196	194	233	228	223	196	116	47	57	91	92	82
PEAK POW MW		349	354	355	355	355	355	355	355	341	285	284	283	283	311	319	338
ENERGY GWH	1389.6	16.1	14.8	39.6	131.7	146.0	139.9	173.4	169.7	160.8	145.5	41.8	7.8	11.0	68.0	68.1	55.3
--GAVINS POINT--																	
NAT INFLOW	1335	98	46	59	132	147	153	87	85	62	112	50	23	27	75	73	107
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-3	0	-9	1	0	3	18	18	-3	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15232	269	181	425	1416	1556	1500	1740	1735	1662	1666	533	125	143	802	798	682
RELEASE	15232	269	181	425	1416	1556	1500	1740	1722	1636	1666	533	125	143	802	798	721
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	27.1	17.9	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	95	63	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	638.0	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	70.6	22.8	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1135	145	68	87	113	219	158	95	70	44	31	16	7	9	16	-3	60
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16120	408	246	509	1509	1741	1628	1799	1758	1658	1688	543	130	148	806	782	768
KCFS		13.7	17.7	28.5	25.4	28.3	27.4	29.3	28.6	27.9	27.5	18.3	9.4	9.3	13.1	12.7	13.8
--TOTAL--																	
NAT INFLOW	21499	1256	586	753	1942	2883	5469	2922	1066	936	938	424	198	226	615	465	819
DEPLETION	2834	77	36	46	233	655	1442	974	149	-188	-39	-100	-46	-53	-143	-140	-70
CHAN STOR	8	101	-5	-22	-36	-23	-20	-7	4	47	29	17	15	-62	-28	-12	11
EVAPORATION	1782							111	348	432	370	165	77	88	191		
STORAGE	41540	42413	42712	42889	43053	43517	45896	45928	44743	43823	42770	42603	42655	42636	42369	42180	42311
SYSTEM POWER																	
AVE POWER MW		499	636	809	871	957	965	1134	1109	945	703	651	414	536	785	729	743
PEAK POW MW		2096	2097	2098	2100	2103	2134	2129	2111	2105	2060	2056	2057	2058	2040	2050	2059
ENERGY GWH	7401.0	179.7	106.8	174.8	627.2	712.2	695.1	843.7	825.4	680.3	522.7	234.5	69.6	102.9	584.1	542.7	499.4
DAILY GWH		12.0	15.3	19.4	20.9	23.0	23.2	27.2	26.6	22.7	16.9	15.6	9.9	12.9	18.8	17.5	17.8

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

TIME OF STUDY 09:48:32 CWCP, FLOW TO TARGET, 16-DAY SHORTENED SEASON STUDY NO 35
VALUES IN 1000 AF EXCEPT AS INDICATED

28FEB05		2005											2006			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6613	267	124	160	579	1019	1603	698	289	278	357	185	86	98	325	233	312
DEPLETION	387	-11	-5	-6	50	311	513	174	-57	-131	-72	-33	-15	-17	-110	-121	-83
EVAPORATION	464							28	89	111	97	44	21	24	51		
MOD INFLOW	5762	277	129	166	529	708	1090	496	257	298	332	173	81	92	384	354	395
RELEASE	5389	134	62	80	357	461	565	584	553	351	262	127	60	127	553	584	528
STOR CHANGE	373	143	67	86	172	247	525	-88	-296	-53	70	46	21	-35	-169	-230	-133
STORAGE	10736	10880	10947	11033	11205	11451	11976	11888	11592	11539	11609	11655	11676	11642	11472	11242	11110
ELEV FTMSL	2211.0	2211.9	2212.3	2212.8	2213.8	2215.3	2218.3	2217.8	2216.1	2215.8	2216.2	2216.4	2216.5	2216.4	2215.4	2214.0	2213.3
DISCH KCFS	9.5	4.5	4.5	4.5	6.0	7.5	9.5	9.5	9.0	5.9	4.3	4.3	4.3	8.0	9.0	9.5	9.5
POWER																	
AVE POWER MW		56	56	56	75	94	121	121	114	75	54	54	55	102	114	120	119
PEAK POW MW		185	186	186	188	190	194	193	191	190	191	191	191	191	190	188	187
ENERGY GWH	824.6	20.2	9.4	12.2	54.1	70.3	86.9	90.4	85.2	53.9	40.3	19.5	9.2	19.5	84.8	88.9	79.9
--GARRISON--																	
NAT INFLOW	10134	478	223	287	768	1290	2718	1903	535	449	431	176	82	94	240	178	282
DEPLETION	983	14	7	8	28	202	732	491	55	-103	-1	-100	-46	-53	-105	-87	-59
CHAN STOR	0	54			-16	-16	-21		5	32	17		0	-39	-10	-5	
EVAPORATION	547							33	106	132	114	51	24	27	59		
REG INFLOW	13993	652	279	359	1081	1533	2530	1963	933	803	596	351	164	208	829	844	869
RELEASE	13524	476	194	250	982	1230	1339	1353	1322	955	797	386	194	270	1230	1353	1194
STOR CHANGE	469	176	85	109	99	303	1191	610	-389	-152	-201	-35	-31	-62	-401	-509	-325
STORAGE	12910	13086	13171	13279	13379	13682	14873	15483	15094	14942	14742	14707	14676	14614	14214	13705	13380
ELEV FTMSL	1818.5	1819.2	1819.6	1820.0	1820.4	1821.6	1826.2	1828.4	1827.0	1826.4	1825.7	1825.6	1825.4	1825.2	1823.7	1821.7	1820.4
DISCH KCFS	21.0	16.0	14.0	14.0	16.5	20.0	22.5	22.0	21.5	16.0	13.0	13.0	14.0	17.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		177	156	156	184	224	256	255	250	186	150	149	161	195	228	247	239
PEAK POW MW		324	325	326	328	331	345	433	428	426	423	423	422	421	416	408	404
ENERGY GWH	1860.6	63.7	26.1	33.7	132.6	166.5	184.6	189.7	186.0	133.9	111.5	53.8	27.1	37.5	169.4	183.9	160.6
--OAHE--																	
NAT INFLOW	1794	190	89	114	283	161	714	127	30	80	11				-43	-7	45
DEPLETION	597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR	-3	24	10		-12	-17	-12	2	2	26	15	0	-5	-15	-15	-10	2
EVAPORATION	487							31	95	117	101	45	21	24	53		
REG INFLOW	14231	668	282	351	1207	1309	1915	1304	1164	920	730	339	167	230	1108	1320	1216
RELEASE	13748	347	238	352	1208	1372	1210	1705	1672	1305	745	470	98	136	1139	1008	744
STOR CHANGE	483	321	44	-1	-1	-63	705	-401	-508	-384	-15	-131	69	94	-31	312	472
STORAGE	13502	13823	13867	13866	13865	13802	14507	14106	13598	13213	13199	13067	13137	13231	13200	13512	13985
ELEV FTMSL	1587.9	1589.3	1589.4	1589.4	1589.4	1589.2	1592.0	1590.4	1588.3	1586.7	1586.6	1586.1	1586.4	1586.8	1586.6	1588.0	1589.9
DISCH KCFS	16.2	11.7	17.1	19.7	20.3	22.3	20.3	27.7	27.2	21.9	12.1	15.8	7.1	8.6	18.5	16.4	13.4
POWER																	
AVE POWER MW		136	201	231	238	261	240	327	317	254	140	182	82	99	214	190	157
PEAK POW MW		617	618	618	618	617	631	623	613	604	604	601	602	604	604	611	621
ENERGY GWH	1940.3	49.1	33.7	49.8	171.1	194.0	172.5	243.4	236.2	182.7	104.1	65.5	13.7	19.0	159.0	141.2	105.4
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13619	347	238	352	1208	1372	1210	1698	1648	1274	718	458	92	130	1125	1008	744
RELEASE	13619	347	238	352	1208	1372	1210	1698	1648	1274	718	458	92	130	1125	1008	744
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.2	11.7	17.1	19.7	20.3	22.3	20.3	27.6	26.8	21.4	11.7	15.4	6.7	8.2	18.3	16.4	13.4
POWER																	
AVE POWER MW		55	80	92	95	104	95	129	125	102	59	78	34	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	786.1	19.9	13.5	19.9	68.4	77.7	68.6	96.1	93.3	73.4	43.9	27.9	5.7	7.9	67.2	59.3	43.2
--FORT RANDALL--																	
NAT INFLOW	659	90	42	54	84	67	171	34	65	31	2				7	-7	20
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14053	435	279	405	1288	1430	1369	1704	1666	1259	686	446	88	123	1116	998	761
RELEASE	14053	161	145	388	1288	1430	1369	1704	1666	1606	1564	474	88	124	750	726	572
STOR CHANGE	0	274	134	17	0	0		0	0	-347	-877	-28	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2325	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1338.0	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.4	10.4	21.7	21.6	23.3	23.0	27.7	27.1	27.0	25.4	15.9	6.3	7.8	12.2	11.8	10.3
POWER																	
AVE POWER MW		45	88	183	183	196	194	233	228	223	196	116	47	57	91	92	83
PEAK POW MW		349	354	355	355	355	355	355	355	341	285	284	283	283	311	329	338
ENERGY GWH	1390.3	16.1	14.8	39.6	131.6	145.9	139.8	173.4	169.6	160.8	145.5	41.8	7.8	10.9	68.0	68.8	55.8
--GAVINS POINT--																	
NAT INFLOW	1342	98	46	59	133	148	154	87	86	62	112	51	24	27	75	73	108
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	3	18	18	-3	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15233	269	181	425	1416	1556	1500	1740	1735	1662	1666	533	125	143	802	798	683
RELEASE	15233	269	181	425	1416	1556	1500	1740	1722	1636	1666	533	125	143	802	798	722
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.1	23.8	23.8	25.3	25.2	28.3	28.0	27.5	27.1	17.9	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	95	63	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	638.0	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	70.6	22.8	5.4	6.2	34.4	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1160	149	69	89	116	224	161	97	72	45	31	16	7	9	17	-3	61
DEPLETION	248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16145	411	248	511	1512	1746	1631	1800	1760	1659	1688	543	130	148	807	782	770
KCFS		13.8	17.8	28.6	25.4	28.4	27.4	29.3	28.6	27.9	27.5	18.3	9.4	9.3	13.1	12.7	13.9
--TOTAL--																	
NAT INFLOW	21702	1271	593	762	1963	2909	5521	2946	1077	945	944	427	199	228	621	467	828
DEPLETION	2409	33	15	20	153	640	1437	906	153	-186	-69	-119	-56	-63	-179	-175	-101
CHAN STOR	-8	87	0	-22	-28	-36	-33	-7	9	59	30	17	13	-56	-33	-14	5
EVAPORATION	1814							112	354	440	377	168	78	90	195		
STORAGE	42311	43226	43556	43767	44037	44525	46945	47066	45885	44975	43953	43805	43865	43862	43627	43473	43637
SYSTEM POWER																	
AVE POWER MW		501	627	800	856	966	992	1162	1131	935	693	643	410	526	783	775	708
PEAK POW MW		2107	2108	2109	2112	2116	2148	2228	2211	2203	2158	2153	2154	2155	2137	2152	2154
ENERGY GWH	7448.0	180.4	105.3	172.9	616.6	718.8	714.5	864.6	841.5	673.4	515.9	231.3	68.9	101.1	582.8	576.4	475.7
DAILY GWH		12.0	15.0	19.2	20.6	23.2	23.8	27.9	27.1	22.4	16.6	15.4	9.8	12.6	18.8	18.6	17.0

28FEB06		2006										2007			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	6720	271	126	163	588	1036	1629	709	294	282	363	188	88	100	330	237	317
DEPLETION	399	-11	-5	-6	50	312	517	182	-52	-131	-72	-34	-16	-18	-112	-122	-84
EVAPORATION	473							29	90	113	99	45	21	24	52		
MOD INFLOW	5848	282	131	169	538	724	1112	498	256	300	336	176	82	94	390	359	401
RELEASE	5379	134	62	80	357	461	565	584	553	333	249	120	56	127	584	584	528
STOR CHANGE	469	148	69	89	181	263	547	-86	-298	-34	87	56	27	-33	-194	-225	-127
STORAGE	11110	11257	11326	11415	11596	11859	12405	12320	12022	11988	12075	12131	12157	12124	11930	11705	11578
ELEV FTMSL	2213.3	2214.1	2214.5	2215.0	2216.1	2217.6	2220.7	2220.2	2218.5	2218.3	2218.8	2219.1	2219.3	2219.1	2218.0	2216.7	2216.0
DISCH KCFS	9.5	4.5	4.5	4.5	6.0	7.5	9.5	9.5	9.0	5.6	4.0	4.0	4.0	8.0	9.5	9.5	9.5
POWER																	
AVE POWER MW		57	57	57	76	95	122	123	116	72	52	52	52	103	122	121	120
PEAK POW MW		188	189	189	191	193	197	196	194	194	194	195	195	195	193	192	191
ENERGY GWH	832.9	20.4	9.5	12.3	54.7	71.0	87.9	91.4	86.2	51.8	38.8	18.8	8.7	19.8	90.6	90.1	81.0
--GARRISON--																	
NAT INFLOW	10262	484	226	290	777	1306	2752	1927	542	455	437	179	83	95	243	180	286
DEPLETION	977	-2	-1	-1	-4	214	753	519	60	-105	-6	-102	-48	-54	-104	-85	-57
CHAN STOR	0	53			-16	-16	-21		5	35	16		0	-41	-16		
EVAPORATION	562							34	109	136	117	53	25	28	60		
REG INFLOW	14102	673	289	372	1122	1537	2543	1958	932	793	590	348	162	207	855	849	871
RELEASE	13533	446	194	250	982	1230	1339	1353	1322	995	805	389	182	270	1230	1353	1194
STOR CHANGE	569	227	95	122	140	308	1204	605	-390	-202	-214	-41	-20	-63	-375	-504	-323
STORAGE	13380	13606	13701	13823	13963	14271	15475	16081	15690	15488	15274	15232	15213	15150	14776	14272	13948
ELEV FTMSL	1820.4	1821.3	1821.7	1822.2	1822.7	1823.9	1828.4	1830.6	1829.2	1828.5	1827.7	1827.5	1827.4	1827.2	1825.8	1823.9	1822.7
DISCH KCFS	21.5	15.0	14.0	14.0	16.5	20.0	22.5	22.0	21.5	16.7	13.1	13.1	13.1	17.0	20.0	22.0	21.5
POWER																	
AVE POWER MW		167	157	157	186	226	259	259	254	196	153	153	153	198	231	251	243
PEAK POW MW		407	408	410	412	417	433	441	436	433	430	430	429	429	424	417	412
ENERGY GWH	1885.5	60.2	26.4	34.0	133.7	168.1	186.3	192.5	188.6	141.5	114.1	55.0	25.7	38.0	171.8	186.6	163.0
--OAHE--																	
NAT INFLOW	1860	197	92	118	294	167	740	131	31	83	12				-45	-7	46
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	0	31	5		-12	-16	-12	2	2	23	17		0	-19	-14	-10	2
EVAPORATION	502							31	97	120	104	47	22	25	55		
REG INFLOW	14278	652	281	355	1217	1314	1938	1304	1158	955	738	341	159	225	1105	1320	1216
RELEASE	13695	340	235	348	1202	1367	1201	1702	1668	1303	743	469	98	136	1133	1008	743
STOR CHANGE	583	312	46	6	15	-52	737	-399	-510	-347	-5	-129	61	89	-28	313	473
STORAGE	13985	14297	14342	14349	14364	14312	15049	14650	14140	13792	13788	13659	13720	13810	13781	14094	14568
ELEV FTMSL	1589.9	1591.2	1591.4	1591.4	1591.5	1591.2	1594.2	1592.6	1590.6	1589.1	1589.1	1588.6	1588.8	1589.2	1589.1	1590.4	1592.3
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	22.2	20.2	27.7	27.1	21.9	12.1	15.8	7.0	8.6	18.4	16.4	13.4
POWER																	
AVE POWER MW		135	200	231	239	263	241	331	321	257	142	184	83	100	215	192	159
PEAK POW MW		627	628	628	628	627	642	634	624	617	617	614	615	617	616	623	632
ENERGY GWH	1957.4	48.6	33.7	49.9	172.2	195.6	173.3	245.9	238.6	184.8	105.3	66.4	13.9	19.3	160.3	143.1	106.6
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13567	340	235	348	1202	1367	1201	1695	1644	1272	716	457	92	129	1119	1008	743
RELEASE	13567	340	235	348	1202	1367	1201	1695	1644	1272	716	457	92	129	1119	1008	743
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	11.4	16.9	19.5	20.2	22.2	20.2	27.6	26.7	21.4	11.6	15.4	6.6	8.1	18.2	16.4	13.4
POWER																	
AVE POWER MW		54	79	91	95	104	95	129	125	102	59	77	34	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	783.1	19.5	13.3	19.7	68.1	77.4	68.0	96.0	93.1	73.3	43.8	27.9	5.7	7.9	66.9	59.3	43.2
--FORT RANDALL--																	
NAT INFLOW	690	94	44	56	88	70	179	36	68	32	2				7	-7	21
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14032	432	278	404	1286	1428	1368	1703	1665	1258	684	446	88	123	1110	998	761
RELEASE	14032	158	144	387	1286	1428	1368	1703	1665	1605	1562	474	88	123	744	726	572
STOR CHANGE	0	274	134	17			0	0	0	-347	-877	-28	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2325	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1338.0	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.3	10.4	21.7	21.6	23.2	23.0	27.7	27.1	27.0	25.4	15.9	6.3	7.8	12.1	11.8	10.3
POWER																	
AVE POWER MW		44	88	183	182	196	194	233	228	223	195	116	46	57	91	92	83
PEAK POW MW		349	354	355	355	355	355	355	355	341	285	284	283	283	311	329	338
ENERGY GWH	1388.2	15.8	14.7	39.5	131.4	145.7	139.7	173.3	169.5	160.7	145.3	41.8	7.8	10.9	67.5	68.8	55.8
--GAVINS POINT--																	
NAT INFLOW	1359	100	47	60	135	150	155	88	87	63	114	51	24	27	76	74	109
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-3	0	-9	1	0	3	18	18	-3	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15228	267	181	425	1416	1556	1500	1740	1735	1662	1666	533	125	143	797	799	684
RELEASE	15228	267	181	425	1416	1556	1500	1740	1722	1636	1666	533	125	143	797	799	723
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	27.1	17.9	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	95	63	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	637.8	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	70.6	22.8	5.4	6.2	34.2	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1211	155	72	93	121	234	168	101	75	47	33	17	8	9	17	-3	64
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	16188	416	250	514	1516	1755	1638	1804	1763	1661	1689	544	130	149	802	783	774
KCFS		14.0	18.0	28.8	25.5	28.5	27.5	29.3	28.7	27.9	27.5	18.3	9.4	9.4	13.0	12.7	13.9
--TOTAL--																	
NAT INFLOW	22102	1301	607	780	2003	2963	5623	2992	1097	962	961	434	203	231	628	474	843
DEPLETION	2434	17	8	10	123	655	1465	946	167	-187	-73	-123	-57	-65	-180	-174	-99
CHAN STOR	-5	94	-5	-22	-27	-35	-32	-7	9	58	32	17	19	-63	-38	-9	5
EVAPORATION	1854							115	361	450	386	172	80	92	199		
STORAGE	43637	44598	44942	45176	45512	46030	48518	48639	47454	46550	45540	45398	45466	45460	45229	45085	45258
SYSTEM POWER																	
AVE POWER MW		488	627	801	860	971	996	1170	1139	946	696	646	399	531	795	783	715
PEAK POW MW		2203	2204	2206	2209	2215	2250	2249	2233	2226	2181	2177	2178	2179	2161	2176	2178
ENERGY GWH	7484.9	175.8	105.3	173.0	618.9	722.2	717.2	870.7	847.2	680.8	517.9	232.6	67.1	102.0	591.3	582.3	480.5
DAILY GWH		11.7	15.0	19.2	20.6	23.3	23.9	28.1	27.3	22.7	16.7	15.5	9.6	12.8	19.1	18.8	17.2

28FEB07		2007											2008			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	6751	272	127	163	591	1041	1636	712	295	284	365	188	88	100	332	238	318
DEPLETION	409	-11	-5	-6	50	312	521	189	-48	-132	-72	-33	-15	-18	-110	-120	-93
EVAPORATION	482							29	92	115	101	46	21	24	53		
MOD INFLOW	5860	283	132	170	541	729	1115	494	251	301	336	175	82	93	389	358	411
RELEASE	5402	134	62	80	357	461	565	584	553	345	244	118	56	127	584	584	546
STOR CHANGE	458	149	70	89	184	268	550	-91	-302	-44	92	57	26	-34	-195	-226	-135
STORAGE	11578	11728	11797	11887	12071	12339	12888	12798	12495	12451	12543	12601	12627	12593	12398	12172	12037
ELEV FTMSL	2216.0	2216.8	2217.2	2217.7	2218.8	2220.3	2223.3	2222.8	2221.2	2220.9	2221.4	2221.7	2221.9	2221.7	2220.6	2219.4	2218.6
DISCH KCFS	9.5	4.5	4.5	4.5	6.0	7.5	9.5	9.5	9.0	5.8	4.0	4.0	4.0	8.0	9.5	9.5	9.5
POWER																	
AVE POWER MW		57	58	58	77	97	124	124	117	75	52	52	52	104	123	123	122
PEAK POW MW		192	192	193	194	196	199	199	197	197	197	198	198	198	197	195	194
ENERGY GWH	846.6	20.6	9.7	12.4	55.5	72.0	89.0	92.4	87.2	54.2	38.4	18.6	8.8	20.0	91.7	91.2	84.9
--GARRISON--																	
NAT INFLOW	10290	485	226	291	779	1310	2760	1932	543	456	438	179	84	95	243	181	287
DEPLETION	963	0	0	0	-1	210	759	530	60	-110	-19	-106	-49	-56	-105	-85	-64
CHAN STOR	0	53			-16	-16	-21		5	33	19	0	0	-41	-15		
EVAPORATION	576							35	111	139	121	54	25	29	62		
REG INFLOW	14153	673	289	372	1121	1545	2545	1951	931	805	599	348	163	209	855	850	897
RELEASE	13595	446	194	250	982	1230	1339	1353	1322	952	806	390	182	301	1230	1353	1265
STOR CHANGE	558	226	95	122	139	316	1207	599	-391	-147	-207	-42	-19	-93	-375	-503	-368
STORAGE	13948	14175	14270	14391	14531	14847	16053	16652	16260	16113	15906	15864	15845	15752	15377	14875	14507
ELEV FTMSL	1822.7	1823.5	1823.9	1824.4	1824.9	1826.1	1830.5	1832.6	1831.2	1830.7	1830.0	1829.8	1829.7	1829.4	1828.1	1826.2	1824.8
DISCH KCFS	21.5	15.0	14.0	14.0	16.5	20.0	22.5	22.0	21.5	16.0	13.1	13.1	13.1	19.0	20.0	22.0	22.0
POWER																	
AVE POWER MW		170	159	160	189	229	262	262	257	191	156	155	155	224	234	255	252
PEAK POW MW		415	417	418	420	425	441	448	443	441	439	438	438	437	432	425	420
ENERGY GWH	1921.3	61.1	26.8	34.5	135.7	170.6	188.9	195.1	191.1	137.3	116.0	55.9	26.1	43.0	174.3	189.5	175.3
--OAHE--																	
NAT INFLOW	1877	199	93	119	297	168	747	132	31	84	12				-45	-7	47
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	-2	30	5		-11	-16	-11	2	2	25	14		0	-28	-5	-9	
EVAPORATION	515							32	100	123	107	48	22	26	56		
REG INFLOW	14328	653	281	356	1220	1315	1942	1299	1152	913	733	340	159	247	1112	1319	1286
RELEASE	13756	339	237	351	1213	1378	1210	1702	1668	1303	743	469	98	136	1133	1008	769
STOR CHANGE	572	314	44	4	8	-63	732	-403	-516	-390	-9	-129	61	111	-21	312	517
STORAGE	14568	14881	14926	14930	14937	14874	15607	15203	14688	14298	14289	14159	14220	14332	14310	14622	15140
ELEV FTMSL	1592.3	1593.5	1593.7	1593.7	1593.7	1593.5	1596.3	1594.8	1592.7	1591.2	1591.2	1590.6	1590.9	1591.3	1591.2	1592.5	1594.5
DISCH KCFS	13.4	11.4	17.1	19.7	20.4	22.4	20.3	27.7	27.1	21.9	12.1	15.8	7.0	8.6	18.4	16.4	13.4
POWER																	
AVE POWER MW		136	205	236	244	268	245	334	325	260	143	187	84	102	218	195	161
PEAK POW MW		638	639	639	639	638	652	644	634	627	627	624	625	627	627	633	643
ENERGY GWH	1990.2	49.1	34.4	51.0	176.0	199.7	176.7	248.8	241.5	187.1	106.5	67.2	14.0	19.5	162.3	144.9	111.7
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13627	339	237	351	1213	1378	1210	1694	1644	1272	716	457	92	129	1119	1008	769
RELEASE	13627	339	237	351	1213	1378	1210	1694	1644	1272	716	457	92	129	1119	1008	769
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	11.4	17.1	19.7	20.4	22.4	20.3	27.6	26.7	21.4	11.6	15.4	6.6	8.1	18.2	16.4	13.4
POWER																	
AVE POWER MW		54	80	92	95	105	95	129	125	102	59	77	34	41	90	80	64
PEAK POW MW		517	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	786.5	19.4	13.4	19.9	68.7	78.1	68.5	96.0	93.1	73.3	43.8	27.9	5.7	7.9	66.9	59.3	44.7
--FORT RANDALL--																	
NAT INFLOW	696	95	44	57	89	71	181	36	68	32	2				7	-7	21
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14098	432	280	407	1298	1440	1379	1702	1665	1258	684	446	88	123	1110	998	787
RELEASE	14098	158	146	390	1298	1440	1379	1702	1665	1605	1562	474	88	123	744	726	598
STOR CHANGE	0	274	134	17				0	0	-347	-877	-28	0	0	366	272	189
STORAGE	3123	3398	3532	3549	3549	3549	3549	3549	3549	3202	2325	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1353.4	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1338.0	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.3	5.3	10.5	21.9	21.8	23.4	23.2	27.7	27.1	27.0	25.4	15.9	6.3	7.8	12.1	11.8	10.4
POWER																	
AVE POWER MW		44	89	185	184	198	195	233	228	223	195	116	46	57	91	92	84
PEAK POW MW		349	354	355	355	355	355	355	355	341	285	284	283	283	311	329	338
ENERGY GWH	1394.8	15.8	14.9	39.9	132.6	147.0	140.8	173.3	169.5	160.7	145.3	41.8	7.8	10.9	67.5	68.8	58.4
--GAVINS POINT--																	
NAT INFLOW	1362	100	47	60	135	150	156	88	87	63	114	51	24	27	76	75	110
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-10	-22	0	-3	0	-9	1	0	3	18	18	-3	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15298	267	183	429	1428	1568	1511	1740	1735	1662	1666	533	125	143	797	800	711
RELEASE	15298	267	183	429	1428	1568	1511	1740	1722	1636	1666	533	125	143	797	800	750
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.2	24.0	24.0	25.5	25.4	28.3	28.0	27.5	27.1	17.9	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	87	96	96	95	95	63	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	640.7	11.4	7.7	17.8	59.2	64.9	62.5	71.6	71.3	68.7	70.6	22.8	5.4	6.2	34.2	34.4	32.0
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1223	157	73	94	122	236	170	102	75	47	33	17	8	9	18	-3	65
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	16267	418	253	519	1529	1769	1651	1805	1762	1660	1689	544	130	149	803	784	801
KCFS		14.0	18.2	29.1	25.7	28.8	27.8	29.4	28.7	27.9	27.5	18.3	9.4	9.4	13.1	12.8	13.9
--TOTAL--																	
NAT INFLOW	22199	1308	610	785	2013	2976	5650	3002	1099	966	964	435	203	232	631	477	848
DEPLETION	2446	19	9	11	126	652	1478	969	175	-192	-87	-126	-59	-67	-178	-171	-114
CHAN STOR	-8	93	-5	-22	-27	-35	-32	-6	8	58	30	17	18	-72	-28	-9	3
EVAPORATION	1890							117	367	458	393	176	82	94	203		
STORAGE	45258	46222	46565	46797	47128	47648	50137	50242	49045	48143	47142	47000	47068	47053	46827	46682	46846
SYSTEM POWER																	
AVE POWER MW		493	636	812	872	984	1009	1179	1147	946	700	650	403	560	802	790	729
PEAK POW MW		2226	2227	2229	2232	2237	2271	2270	2254	2248	2203	2198	2199	2200	2183	2198	2200
ENERGY GWH	7580.1	177.5	106.9	175.5	627.7	732.1	726.4	877.1	853.7	681.3	520.6	234.1	67.7	107.5	596.8	588.1	507.0
DAILY GWH		11.8	15.3	19.5	20.9	23.6	24.2	28.3	27.5	22.7	16.8	15.6	9.7	13.4	19.3	19.0	17.5

TIME OF STUDY 09:48:32 CWCP, FLOW TO TARGET, 14-DAY SHORTENED SEASON (MM) STUDY NO 38
VALUES IN 1000 AF EXCEPT AS INDICATED

	29FEB08	2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	7022	283	132	170	615	1083	1702	741	307	295	379	196	91	104	345	248	331
DEPLETION	422	-11	-5	-6	50	313	525	196	-44	-132	-75	-35	-16	-18	-113	-123	-84
EVAPORATION	496							30	95	119	104	47	22	25	54		
MOD INFLOW	6104	294	137	176	565	770	1177	515	256	308	350	183	85	97	404	371	415
RELEASE	5628	134	62	80	357	461	595	615	615	352	278	134	62	127	584	615	555
STOR CHANGE	476	160	75	96	208	309	582	-100	-359	-43	72	48	23	-29	-180	-244	-140
STORAGE	12037	12196	12271	12367	12575	12884	13466	13365	13007	12963	13036	13084	13107	13077	12897	12653	12513
ELEV FTMSL	2218.6	2219.5	2219.9	2220.4	2221.6	2223.3	2226.4	2225.9	2224.0	2223.7	2224.1	2224.4	2224.5	2224.3	2223.4	2222.0	2221.3
DISCH KCFS	9.5	4.5	4.5	4.5	6.0	7.5	10.0	10.0	10.0	5.9	4.5	4.5	4.5	8.0	9.5	10.0	10.0
POWER																	
AVE POWER MW		58	58	58	78	98	132	132	132	78	60	60	59	105	125	131	130
PEAK POW MW		195	196	196	198	199	203	202	200	200	200	200	201	200	199	198	197
ENERGY GWH	893.0	20.9	9.8	12.6	56.1	72.9	94.9	98.6	98.1	56.0	44.3	21.5	10.0	20.2	92.8	97.1	87.3
--GARRISON--																	
NAT INFLOW	10598	500	233	300	803	1349	2842	1990	559	470	451	185	86	98	251	186	295
DEPLETION	1160					216	774	553	56	-134	9	-90	-42	-48	-67	-46	-22
CHAN STOR	-5	52			-16	-16	-26			41	14		0	-36	-15	-5	
EVAPORATION	589							36	113	142	123	56	26	30	64		
REG INFLOW	14472	686	296	380	1144	1579	2637	2016	1005	855	611	353	165	208	823	842	872
RELEASE	13891	446	194	250	1041	1261	1398	1414	1383	952	801	388	182	286	1230	1414	1250
STOR CHANGE	581	240	101	130	103	318	1239	602	-379	-97	-191	-35	-17	-78	-407	-572	-377
STORAGE	14507	14747	14848	14978	15081	15399	16638	17240	16861	16764	16574	16539	16522	16444	16037	15465	15088
ELEV FTMSL	1824.8	1825.7	1826.1	1826.6	1827.0	1828.1	1832.5	1834.6	1833.3	1833.0	1832.3	1832.2	1832.1	1831.9	1830.4	1828.4	1827.0
DISCH KCFS	22.0	15.0	14.0	14.0	17.5	20.5	23.5	23.0	22.5	16.0	13.0	13.0	13.1	18.0	20.0	23.0	22.5
POWER																	
AVE POWER MW		172	162	162	203	238	278	278	272	193	157	157	158	216	238	270	261
PEAK POW MW		423	425	426	428	432	448	456	451	450	447	447	447	446	440	433	428
ENERGY GWH	1990.7	62.0	27.2	35.0	145.9	177.2	199.9	206.5	202.6	139.2	117.1	56.5	26.5	41.4	177.1	201.0	175.6
--OAHE--																	
NAT INFLOW	2048	217	101	130	324	183	815	144	34	92	13				-49	-8	51
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	-3	32	5		-16	-13	-13	2	2	29	14	0	0	-23	-9	-14	2
EVAPORATION	532							34	104	128	110	50	23	26	58		
REG INFLOW	14763	672	289	366	1302	1362	2065	1367	1210	920	727	337	158	236	1102	1375	1276
RELEASE	14168	459	126	346	1263	1433	1249	1762	1726	1362	807	529	95	135	1132	1009	735
STOR CHANGE	595	213	164	20	38	-71	815	-395	-516	-442	-81	-193	63	101	-30	367	540
STORAGE	15140	15353	15517	15537	15575	15505	16320	15925	15410	14967	14887	14694	14757	14857	14827	15194	15735
ELEV FTMSL	1594.5	1595.3	1596.0	1596.0	1596.2	1595.9	1598.9	1597.5	1595.5	1593.8	1593.5	1592.8	1593.0	1593.4	1593.3	1594.7	1596.8
DISCH KCFS	13.4	15.4	9.1	19.4	21.2	23.3	21.0	28.7	28.1	22.9	13.1	17.8	6.8	8.5	18.4	16.4	13.2
POWER																	
AVE POWER MW		186	110	235	258	283	257	351	341	276	158	213	82	102	220	197	161
PEAK POW MW		647	650	651	651	650	665	658	648	640	638	635	636	638	637	644	654
ENERGY GWH	2077.2	67.1	18.5	50.9	185.6	210.3	185.0	261.3	253.6	198.5	117.4	76.6	13.8	19.7	164.0	146.8	108.2
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	14040	459	126	346	1263	1433	1249	1754	1701	1331	780	517	89	129	1118	1009	735
RELEASE	14040	459	126	346	1263	1433	1249	1754	1701	1331	780	517	89	129	1118	1009	735
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	13.4	15.4	9.1	19.4	21.2	23.3	21.0	28.5	27.7	22.4	12.7	17.4	6.4	8.1	18.2	16.4	13.2
POWER																	
AVE POWER MW		72	42	91	99	109	98	134	130	107	64	87	33	41	90	80	64
PEAK POW MW		510	509	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	810.1	26.0	7.1	19.6	71.6	81.2	70.8	99.3	96.3	76.7	47.7	31.5	5.5	7.9	66.8	59.4	42.7
--FORT RANDALL--																	
NAT INFLOW	779	106	49	64	100	79	203	41	76	36	2				8	-8	23
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	141							10	32	38	27	10	5	5	13		
REG INFLOW	14594	563	175	409	1359	1503	1440	1767	1731	1322	749	505	85	123	1110	998	755
RELEASE	14594	155	158	409	1359	1503	1440	1767	1731	1669	1626	533	85	123	744	726	566
STOR CHANGE	0	409	17					0	0	-347	-877	-28	0	0	366	272	189
STORAGE	3123	3532	3549	3549	3549	3549	3549	3549	3549	3202	2325	2297	2297	2296	2662	2934	3123
ELEV FTMSL	1350.0	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1338.0	1337.5	1337.5	1337.5	1343.5	1347.4	1350.0
DISCH KCFS	10.4	5.2	11.3	22.9	22.8	24.4	24.2	28.7	28.1	28.0	26.4	17.9	6.1	7.7	12.1	11.8	10.2
POWER																	
AVE POWER MW		43	96	193	193	206	204	242	237	232	203	130	45	57	91	92	82
PEAK POW MW		354	355	355	355	355	355	355	355	341	285	284	283	283	311	329	338
ENERGY GWH	1443.4	15.7	16.2	41.7	138.8	153.3	146.9	179.7	176.1	166.9	151.2	46.9	7.5	10.9	67.5	68.8	55.3
--GAVINS POINT--																	
NAT INFLOW	1401	103	48	62	139	155	160	91	89	65	117	53	25	28	78	77	113
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	10	-12	-22	0	-3	0	-9	1	0	3	16	22	-3	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	15833	268	194	448	1493	1636	1577	1808	1802	1728	1734	592	127	143	799	802	682
RELEASE	15833	268	194	448	1493	1636	1577	1808	1789	1702	1734	592	127	143	799	802	721
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	14.0	25.1	25.1	26.6	26.5	29.4	29.1	28.6	28.2	19.9	9.1	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	49	86	86	91	90	99	99	99	99	70	33	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	661.6	11.4	8.2	18.6	61.8	67.5	65.1	74.0	73.8	71.4	73.4	25.3	5.5	6.2	34.3	34.5	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	1356	174	81	104	135	262	188	113	84	52	37	19	9	10	20	-4	72
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	16934	435	272	549	1607	1863	1735	1883	1838	1731	1761	606	133	150	807	785	779
KCFS		14.6	19.6	30.7	27.0	30.3	29.2	30.6	29.9	29.1	28.6	20.4	9.6	9.4	13.1	12.8	14.0
--TOTAL--																	
NAT INFLOW	23204	1383	645	829	2116	3111	5910	3120	1149	1010	999	452	211	241	653	491	885
DEPLETION	2672	20	9	12	128	660	1500	1004	178	-215	-62	-111	-52	-59	-143	-135	-62
CHAN STOR	-12	94	-7	-22	-31	-32	-39	-7	3	71	26	15	23	-61	-32	-18	5
EVAPORATION	1933							120	376	468	402	179	84	96	208		
STORAGE	46846	47868	48224	48471	48820	49377	52013	52120	50879	49976	48900	48693	48761	48754	48503	48326	48499
SYSTEM POWER																	
AVE POWER MW		564	518	826	916	1025	1059	1236	1210	984	741	717	409	553	810	817	744
PEAK POW MW		2245	2249	2252	2255	2260	2294	2294	2279	2272	2226	2220	2221	2222	2204	2220	2222
ENERGY GWH	7876.0	203.1	87.0	178.4	659.9	762.4	762.6	919.4	900.5	708.7	551.0	258.3	68.7	106.2	602.5	607.5	499.9
DAILY GWH		13.5	12.4	19.8	22.0	24.6	25.4	29.7	29.0	23.6	17.8	17.2	9.8	13.3	19.4	19.6	17.9

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

TIME OF STUDY 09:48:44 CWCP, FLOW TO TARGET, 24-DAY SHORTENED SEASON STUDY NO 39
VALUES IN 1000 AF EXCEPT AS INDICATED

29FEB04		2004										2005			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5435	250	116	150	549	834	1061	468	270	258	341	169	79	90	289	218	293
DEPLETION	419	2	1	1	86	321	476	145	-51	-123	-55	-32	-15	-17	-106	-125	-90
EVAPORATION	408							25	78	98	85	39	18	21	44		
MOD INFLOW	4608	247	115	148	463	513	585	298	243	283	311	162	76	87	351	343	383
RELEASE	5486	134	62	80	357	492	595	584	553	327	271	131	61	111	584	615	528
STOR CHANGE	-878	113	53	68	106	21	-10	-286	-310	-44	40	31	15	-25	-234	-272	-145
STORAGE	9541	9654	9707	9775	9881	9902	9892	9606	9295	9252	9291	9322	9337	9313	9079	8807	8662
ELEV FTMSL	2203.6	2204.3	2204.7	2205.1	2205.8	2205.9	2205.8	2204.0	2202.0	2201.7	2202.0	2202.2	2202.3	2202.1	2200.6	2198.7	2197.8
DISCH KCFS	10.5	4.5	4.5	4.5	6.0	8.0	10.0	9.5	9.0	5.5	4.4	4.4	4.4	7.0	9.5	10.0	9.5
POWER																	
AVE POWER MW		54	54	54	72	96	120	114	107	65	52	52	52	83	112	117	110
PEAK POW MW		175	175	176	177	177	177	175	172	171	172	172	172	172	170	167	166
ENERGY GWH	787.6	19.4	9.1	11.7	52.1	71.7	86.7	84.7	79.5	46.9	38.8	18.8	8.8	15.9	83.1	86.7	73.8
--GARRISON--																	
NAT INFLOW	8026	297	138	178	770	993	2221	1404	397	305	429	177	83	94	119	176	245
DEPLETION	1508	38	18	23	69	166	763	527	111	-65	64	-68	-32	-36	-40	-17	-12
CHAN STOR	11	66			-17	-22	-22	5	5	38	12		0	-28	-27	-6	6
EVAPORATION	482							30	94	116	101	45	21	24	51		
REG INFLOW	11533	459	183	236	1042	1297	2031	1437	751	619	547	331	154	189	665	802	790
RELEASE	12601	446	180	232	893	1107	1220	1230	1199	963	728	352	164	286	1230	1261	1111
STOR CHANGE	-1068	13	3	4	149	190	811	207	-448	-344	-181	-21	-9	-96	-565	-458	-321
STORAGE	11467	11479	11482	11486	11635	11825	12636	12843	12395	12051	11870	11848	11839	11742	11177	10719	10398
ELEV FTMSL	1812.4	1812.5	1812.5	1812.5	1813.2	1814.0	1817.4	1818.3	1816.4	1814.9	1814.2	1814.1	1814.0	1813.6	1811.1	1809.1	1807.6
DISCH KCFS	20.5	15.0	13.0	13.0	15.0	18.0	20.5	20.0	19.5	16.2	11.8	11.8	11.8	18.0	20.0	20.5	20.0
POWER																	
AVE POWER MW		159	138	138	159	191	221	219	213	175	127	127	127	192	211	212	204
PEAK POW MW		304	304	304	306	309	319	321	316	312	309	309	309	308	300	294	290
ENERGY GWH	1623.5	57.1	23.1	29.8	114.5	142.5	159.1	162.9	158.3	126.0	94.8	45.8	21.3	36.8	156.7	157.7	137.1
--OAHE--																	
NAT INFLOW	1184	223	104	134	206	113	242	92	24	72	6	-6	-3	-3	-54	-13	47
DEPLETION	585	22	10	13	46	64	123	143	93	23	-8	2	1	1	11	16	25
CHAN STOR	2	28	10		-10	-15	-13	3	3	18	24		0	-34	-11	-3	3
EVAPORATION	400							26	79	96	82	37	17	20	43		
REG INFLOW	12802	675	284	352	1042	1141	1326	1155	1054	934	684	308	143	228	1110	1229	1135
RELEASE	13896	367	263	371	1250	1411	1248	1726	1701	1354	766	261	120	138	1059	832	1030
STOR CHANGE	-1094	307	21	-19	-207	-270	78	-571	-647	-419	-82	47	24	90	51	397	106
STORAGE	12023	12330	12351	12332	12125	11855	11933	11362	10715	10295	10213	10260	10284	10374	10426	10823	10928
ELEV FTMSL	1581.4	1582.8	1582.9	1582.8	1581.9	1580.7	1581.0	1578.3	1575.1	1573.0	1572.5	1572.8	1572.9	1573.4	1573.7	1575.7	1576.2
DISCH KCFS	16.9	12.4	19.0	20.8	21.0	22.9	21.0	28.1	27.7	22.7	12.5	8.8	8.6	8.7	17.2	13.5	18.5
POWER																	
AVE POWER MW		139	214	234	236	256	233	309	299	242	132	93	92	92	183	145	200
PEAK POW MW		584	584	584	579	572	574	560	543	532	530	531	532	534	536	546	549
ENERGY GWH	1836.0	50.0	35.9	50.6	169.8	190.3	168.0	230.0	222.7	174.5	98.4	33.5	15.4	17.7	136.4	108.1	134.6
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13767	367	263	371	1250	1411	1248	1718	1677	1323	739	249	114	131	1045	832	1030
RELEASE	13767	367	263	371	1250	1411	1248	1718	1677	1323	739	249	114	131	1045	832	1030
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	16.9	12.4	19.0	20.8	21.0	22.9	21.0	27.9	27.3	22.2	12.0	8.4	8.2	8.3	17.0	13.5	18.5
POWER																	
AVE POWER MW		58	89	97	98	107	98	131	128	106	61	42	42	42	85	67	89
PEAK POW MW		518	510	509	509	509	509	509	509	525	538	538	538	538	538	538	529
ENERGY GWH	795.0	21.0	14.9	21.0	70.8	79.9	70.7	97.3	95.0	76.2	45.2	15.3	7.0	8.0	63.0	49.9	59.8
--FORT RANDALL--																	
NAT INFLOW	366	67	31	40	52	42	146	16	44	-12	-62	-3	-1	-2		-7	15
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	140							10	32	38	27	10	5	5	13		
REG INFLOW	13909	433	294	410	1298	1444	1382	1706	1674	1265	644	235	107	123	1029	822	1042
RELEASE	13910	170	149	393	1298	1444	1382	1706	1674	1612	1550	235	108	124	756	732	578
STOR CHANGE	-1	263	145	17				0	0	-347	-905	0	0	0	273	90	464
STORAGE	3124	3387	3532	3549	3549	3549	3549	3549	3549	3202	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1355.2	1351.0	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.6	5.7	10.7	22.0	21.8	23.5	23.2	27.7	27.2	27.1	25.2	7.9	7.8	7.8	12.3	11.9	10.4
POWER																	
AVE POWER MW		47	91	186	184	198	196	233	229	224	193	58	57	57	92	91	82
PEAK POW MW		349	354	355	355	355	355	355	355	341	283	283	283	283	305	311	338
ENERGY GWH	1375.2	17.0	15.2	40.1	132.6	147.4	141.1	173.7	170.4	161.4	143.9	20.8	9.5	10.9	68.1	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1229	89	42	53	123	134	141	78	78	56	107	46	21	25	69	67	100
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	4	32	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14977	269	181	425	1416	1556	1500	1734	1735	1662	1648	303	125	143	802	798	680
RELEASE	14977	269	181	425	1416	1556	1500	1734	1722	1636	1648	303	125	143	802	798	719
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.2	28.0	27.5	26.8	10.2	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	94	36	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	627.2	11.4	7.7	17.6	58.7	64.4	62.1	71.4	71.3	68.7	69.9	13.1	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	664	44	21	26	93	173	128	57	26	18	17	12	5	6	12	-6	32
DEPLETION	247	6	3	4	20	34	30	36	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	15394	306	199	448	1489	1695	1598	1755	1714	1632	1656	309	128	146	802	779	738
KCFS		10.3	14.3	25.1	25.0	27.6	26.8	28.5	27.9	27.4	26.9	10.4	9.2	9.2	13.0	12.7	13.3
--TOTAL--																	
NAT INFLOW	16904	969	452	581	1793	2289	3939	2115	839	697	838	395	184	211	435	435	732
DEPLETION	2953	70	33	42	230	613	1428	908	212	-141	13	-87	-41	-46	-110	-109	-61
CHAN STOR	7	104	0	-22	-26	-40	-34	-1	9	56	34	32	1	-63	-47	-8	11
EVAPORATION	1607							101	315	390	332	148	69	79	171		
STORAGE	38195	38891	39112	39182	39230	39171	40050	39400	38007	36878	35749	35806	35835	35804	35330	35087	35153
SYSTEM POWER																	
AVE POWER MW		489	631	791	831	936	955	1102	1071	908	660	409	401	498	728	678	731
PEAK POW MW		2044	2043	2043	2041	2037	2049	2034	2010	1998	1948	1951	1951	1952	1927	1935	1948
ENERGY GWH	7044.5	176.0	105.9	170.8	598.5	696.1	687.6	820.0	797.1	653.7	491.1	147.3	67.4	95.6	541.7	504.4	491.3
DAILY GWH		11.7	15.1	19.0	19.9	22.5	22.9	26.5	25.7	21.8	15.8	9.8	9.6	12.0	17.5	16.3	17.5

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

28FEB05		2005										2006			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5615	258	120	155	567	862	1097	483	279	266	352	175	81	93	298	226	303
DEPLETION	388	2	1	1	73	304	470	152	-46	-124	-57	-33	-15	-18	-107	-126	-90
EVAPORATION	394							24	75	94	82	37	18	20	43		
MOD INFLOW	4833	256	119	153	494	558	627	307	250	296	327	170	79	91	362	352	393
RELEASE	5224	119	56	71	298	461	536	553	553	346	258	125	83	127	553	584	500
STOR CHANGE	-392	137	64	82	196	97	91	-247	-304	-51	68	45	-4	-36	-191	-232	-107
STORAGE	8662	8799	8863	8945	9141	9238	9329	9083	8779	8728	8796	8841	8837	8801	8610	8377	8271
ELEV FTMSL	2197.8	2198.7	2199.1	2199.7	2201.0	2201.6	2202.2	2200.6	2198.6	2198.2	2198.7	2199.0	2198.9	2198.7	2197.4	2195.8	2195.0
DISCH KCFS	9.5	4.0	4.0	4.0	5.0	7.5	9.0	9.0	9.0	5.8	4.2	4.2	6.0	8.0	9.0	9.5	9.0
POWER																	
AVE POWER MW		47	47	47	59	88	106	106	105	68	49	49	70	93	104	108	102
PEAK POW MW		167	168	169	171	171	172	170	167	167	167	168	168	167	165	163	162
ENERGY GWH	734.9	16.7	7.8	10.1	42.3	65.7	76.5	78.8	78.1	48.7	36.4	17.6	11.7	17.8	77.3	80.7	68.5
--GARRISON--																	
NAT INFLOW	8444	312	146	187	810	1045	2337	1477	418	320	451	187	87	99	125	185	258
DEPLETION	1085	10	5	6	20	211	714	482	63	-120	6	-84	-39	-45	-69	-49	-27
CHAN STOR	6	62			-11	-28	-17			35	18		-20	-22	-11	-6	6
EVAPORATION	465							29	90	112	97	44	20	23	50		
REG INFLOW	12124	483	196	253	1076	1267	2142	1520	818	709	624	351	169	226	687	813	790
RELEASE	12602	446	167	214	893	1138	1220	1230	1199	911	743	360	168	286	1199	1291	1139
STOR CHANGE	-478	37	30	38	184	130	922	290	-381	-202	-119	-8	1	-60	-512	-479	-348
STORAGE	10398	10435	10465	10503	10687	10817	11738	12029	11648	11446	11327	11319	11320	11260	10747	10269	9921
ELEV FTMSL	1807.6	1807.7	1807.9	1808.1	1808.9	1809.5	1813.6	1814.9	1813.2	1812.3	1811.8	1811.8	1811.8	1811.5	1809.2	1807.0	1805.3
DISCH KCFS	20.0	15.0	12.0	12.0	15.0	18.5	20.5	20.0	19.5	15.3	12.1	12.1	12.1	18.0	19.5	21.0	20.5
POWER																	
AVE POWER MW		153	123	123	154	190	214	212	206	161	127	127	127	187	201	212	204
PEAK POW MW		291	291	291	294	296	308	384	378	374	372	372	372	371	363	355	349
ENERGY GWH	1577.5	55.0	20.6	26.5	110.8	141.6	154.4	157.7	153.6	116.0	94.4	45.6	21.3	36.0	149.4	157.7	136.9
--OAHE--																	
NAT INFLOW	1263	238	111	143	220	120	259	99	25	77	6	-6	-3	-3	-58	-14	50
DEPLETION	597	22	10	13	46	65	126	147	96	24	-8	2	1	1	11	16	25
CHAN STOR	-3	27	16		-16	-19	-11	3	3	23	18	0	0	-33	-8	-8	3
EVAPORATION	380							24	74	91	78	36	17	19	42		
REG INFLOW	12886	688	283	343	1051	1174	1342	1160	1057	897	697	317	148	229	1080	1253	1166
RELEASE	13376	358	259	366	1243	1404	1231	1729	1521	1123	726	237	122	137	1059	833	1029
STOR CHANGE	-491	330	24	-23	-192	-230	111	-569	-464	-226	-28	79	26	92	21	420	138
STORAGE	10928	11259	11282	11260	11068	10838	10949	10380	9916	9690	9661	9741	9767	9859	9880	10300	10438
ELEV FTMSL	1576.2	1577.8	1577.9	1577.8	1576.9	1575.7	1576.3	1573.4	1571.0	1569.7	1569.6	1570.0	1570.1	1570.7	1570.8	1573.0	1573.7
DISCH KCFS	18.5	12.0	18.7	20.5	20.9	22.8	20.7	28.1	24.7	18.9	11.8	8.0	8.8	8.7	17.2	13.5	18.5
POWER																	
AVE POWER MW		131	204	224	227	247	223	301	260	197	123	83	92	91	180	143	197
PEAK POW MW		557	558	557	553	546	550	534	521	515	514	516	517	520	520	532	536
ENERGY GWH	1723.7	47.3	34.3	48.4	163.7	183.6	160.9	223.7	193.7	141.6	91.3	29.9	15.4	17.4	134.0	106.3	132.3
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	13248	358	259	366	1243	1404	1231	1722	1497	1092	698	225	116	131	1045	833	1029
RELEASE	13248	358	259	366	1243	1404	1231	1722	1497	1092	698	225	116	131	1045	833	1029
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	12.0	18.7	20.5	20.9	22.8	20.7	28.0	24.3	18.3	11.4	7.6	8.4	8.2	17.0	13.5	18.5
POWER																	
AVE POWER MW		57	88	96	98	107	97	131	115	90	57	38	42	42	85	67	89
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	767.8	20.5	14.7	20.7	70.4	79.5	69.7	97.5	85.7	64.7	42.7	13.8	7.1	8.0	63.0	49.9	59.7
--FORT RANDALL--																	
NAT INFLOW	404	74	35	44	58	47	161	18	48	-13	-69	-4	-2	-2		-8	16
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	135							10	31	35	25	10	5	5	13		
REG INFLOW	13436	431	293	410	1297	1442	1380	1712	1499	1036	601	211	109	123	1029	822	1042
RELEASE	13435	167	148	393	1297	1442	1380	1712	1673	1611	1105	211	109	123	756	732	578
STOR CHANGE	0	264	145	17				0	-174	-575	-503	0	0	0	273	90	464
STORAGE	3123	3387	3532	3549	3549	3549	3549	3549	3375	2800	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1345.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	23.4	23.2	27.8	27.2	27.1	18.0	7.1	7.9	7.7	12.3	11.9	10.4
POWER																	
AVE POWER MW		46	90	186	184	198	196	234	227	217	135	52	58	57	92	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	320	283	283	283	283	305	311	338
ENERGY GWH	1322.9	16.7	15.2	40.1	132.5	147.1	140.9	174.2	168.9	156.2	100.6	18.7	9.7	10.9	68.1	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1242	90	42	54	124	136	143	79	79	57	108	47	22	25	69	67	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	17	20	-1	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14515	266	181	425	1416	1556	1500	1740	1735	1662	1217	268	125	143	802	798	681
RELEASE	14515	266	181	425	1416	1556	1500	1740	1722	1636	1217	268	125	143	802	798	720
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	19.8	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		31	46	82	82	87	86	96	96	95	70	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	607.9	11.3	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	51.9	11.6	5.4	6.2	34.4	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	730	48	23	29	102	191	141	63	29	20	18	13	6	7	13	-7	35
DEPLETION	248	6	3	4	20	34	30	37	34	22	9	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	14997	308	201	450	1498	1713	1611	1766	1717	1634	1226	275	128	147	803	778	742
KCFS		10.4	14.4	25.2	25.2	27.9	27.1	28.7	27.9	27.5	19.9	9.2	9.2	9.2	13.1	12.7	13.4
--TOTAL--																	
NAT INFLOW	17698	1020	476	612	1881	2401	4138	2219	878	727	866	411	192	219	447	449	763
DEPLETION	2512	42	20	25	168	642	1376	875	172	-196	-47	-104	-48	-55	-140	-142	-76
CHAN STOR	0	98	6	-22	-27	-50	-27	-6	4	59	51	21	-21	-55	-28	-13	11
EVAPORATION	1549							97	303	374	320	144	67	77	166		
STORAGE	35153	35920	36182	36296	36485	36481	37606	37080	35770	34743	34160	34276	34299	34295	33885	33684	33792
SYSTEM POWER																	
AVE POWER MW		465	597	757	803	917	923	1080	1010	828	561	381	420	502	707	668	720
PEAK POW MW		1996	1996	1996	1996	1992	2008	2066	2048	2031	1992	1995	1996	1997	1970	1977	1989
ENERGY GWH	6734.9	167.6	100.3	163.5	578.4	682.0	664.4	803.5	751.2	596.0	417.5	137.2	70.6	96.3	526.2	496.7	483.5
DAILY GWH		11.2	14.3	18.2	19.3	22.0	22.1	25.9	24.2	19.9	13.5	9.1	10.1	12.0	17.0	16.0	17.3

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

TIME OF STUDY 09:48:44 CWCP, FLOW TO TARGET, 46-DAY SHORTENED SEASON STUDY NO 41
VALUES IN 1000 AF EXCEPT AS INDICATED

28FEB06		2006									2007				
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5748	264	123	158	580	882	1123	495	285	273	361	179	83	95	305	231	310
DEPLETION	399	-3	-1	-2	76	308	478	159	-42	-124	-58	-34	-16	-18	-108	-126	-91
EVAPORATION	387							24	74	92	81	37	17	20	42		
MOD INFLOW	4962	267	125	160	504	574	645	312	253	305	338	175	82	93	371	357	401
RELEASE	5088	119	56	71	298	430	536	553	553	338	252	122	57	127	523	553	500
STOR CHANGE	-127	148	69	89	206	144	109	-241	-300	-33	86	53	25	-34	-152	-196	-99
STORAGE	8271	8419	8488	8577	8783	8927	9036	8795	8495	8461	8547	8600	8625	8591	8439	8243	8144
ELEV FTMSL	2195.0	2196.1	2196.6	2197.2	2198.6	2199.5	2200.3	2198.7	2196.6	2196.4	2197.0	2197.3	2197.5	2197.3	2196.2	2194.8	2194.1
DISCH KCFS	9.0	4.0	4.0	4.0	5.0	7.0	9.0	9.0	9.0	5.7	4.1	4.1	4.1	8.0	8.5	9.0	9.0
POWER																	
AVE POWER MW		46	46	46	58	82	105	105	104	65	47	47	47	92	97	102	101
PEAK POW MW		163	164	165	167	169	170	167	164	164	165	165	166	165	164	162	161
ENERGY GWH	708.3	16.4	7.7	10.0	41.7	60.7	75.7	78.0	77.1	46.9	35.1	17.0	8.0	17.7	72.4	75.9	68.1
--GARRISON--																	
NAT INFLOW	8762	324	151	194	840	1084	2425	1533	433	332	468	194	90	103	130	192	268
DEPLETION	967	14	6	8	26	211	718	498	66	-124	-1	-98	-46	-52	-109	-88	-63
CHAN STOR	0	57			-11	-23	-22			37	17		0	-43	-6	-6	
EVAPORATION	457							28	89	110	95	43	20	23	49		
REG INFLOW	12426	486	200	258	1100	1281	2220	1560	832	721	643	370	173	216	707	828	831
RELEASE	12555	417	167	214	893	1076	1250	1261	1230	914	714	345	161	286	1199	1291	1139
STOR CHANGE	-129	70	34	44	208	205	971	300	-398	-193	-70	25	12	-70	-492	-463	-308
STORAGE	9921	9991	10024	10068	10276	10480	11451	11751	11353	11159	11089	11113	11125	11055	10563	10100	9792
ELEV FTMSL	1805.3	1805.6	1805.8	1806.0	1807.0	1808.0	1812.4	1813.7	1811.9	1811.1	1810.7	1810.9	1810.9	1810.6	1808.3	1806.2	1804.7
DISCH KCFS	20.5	14.0	12.0	12.0	15.0	17.5	21.0	20.5	20.0	15.4	11.6	11.6	11.6	18.0	19.5	21.0	20.5
POWER																	
AVE POWER MW		139	120	120	150	176	216	215	210	160	121	121	121	186	199	211	202
PEAK POW MW		350	351	351	355	359	375	379	373	370	369	369	369	368	360	352	346
ENERGY GWH	1552.7	50.1	20.1	25.9	108.2	131.2	155.2	160.2	156.1	115.3	89.9	43.5	20.3	35.7	148.3	156.6	136.1
--OAHE--																	
NAT INFLOW	1323	249	116	149	231	126	271	103	26	81	7	-7	-3	-3	-61	-15	52
DEPLETION	613	23	11	14	47	66	129	151	100	25	-8	2	1	1	11	16	26
CHAN STOR	0	35	11		-16	-14	-19	3	3	26	21	0	0	-36	-8	-8	3
EVAPORATION	373							23	71	89	78	35	16	19	41		
REG INFLOW	12891	679	283	350	1060	1123	1372	1192	1087	907	672	302	141	226	1077	1252	1167
RELEASE	13020	353	256	362	1238	1401	1218	1728	1517	699	828	247	121	137	1052	835	1028
STOR CHANGE	-129	326	27	-12	-177	-278	154	-536	-430	208	-156	55	20	89	25	417	140
STORAGE	10438	10764	10791	10778	10601	10323	10477	9941	9511	9719	9563	9618	9638	9727	9752	10169	10309
ELEV FTMSL	1573.7	1575.4	1575.5	1575.4	1574.6	1573.1	1573.9	1571.1	1568.7	1569.9	1569.0	1569.3	1569.4	1569.9	1570.1	1572.3	1573.0
DISCH KCFS	18.5	11.8	18.4	20.3	20.8	22.8	20.5	28.1	24.7	11.7	13.5	8.3	8.7	8.7	17.1	13.6	18.5
POWER																	
AVE POWER MW		127	199	218	223	242	218	296	256	122	140	86	91	90	178	143	196
PEAK POW MW		545	545	545	540	533	537	522	510	516	511	513	513	516	517	529	532
ENERGY GWH	1660.2	45.8	33.4	47.2	160.7	180.4	156.7	220.2	190.4	87.8	104.0	31.1	15.2	17.3	132.4	106.1	131.6
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12891	353	256	362	1238	1401	1218	1721	1493	668	801	235	115	131	1038	835	1028
RELEASE	12891	353	256	362	1238	1401	1218	1721	1493	668	801	235	115	131	1038	835	1028
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	11.8	18.4	20.3	20.8	22.8	20.5	28.0	24.3	11.2	13.0	7.9	8.3	8.2	16.9	13.6	18.5
POWER																	
AVE POWER MW		56	86	95	97	107	96	131	115	57	66	40	42	42	84	67	89
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	748.2	20.2	14.5	20.5	70.1	79.4	69.0	97.4	85.5	40.9	48.9	14.4	7.1	8.0	62.5	50.0	59.6
--FORT RANDALL--																	
NAT INFLOW	433	80	37	48	62	50	174	19	52	-15	-75	-4	-2	-2		-9	17
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	129							10	31	33	23	10	5	5	13		
REG INFLOW	13108	431	293	409	1296	1442	1380	1712	1499	606	702	221	108	123	1022	823	1042
RELEASE	13108	167	148	392	1296	1442	1380	1712	1673	1611	775	221	108	123	750	732	578
STOR CHANGE	0	264	144	17			0	0	-174	-1005	-73	0	0	0	272	91	464
STORAGE	3123	3388	3532	3549	3549	3549	3549	3549	3375	2369	2296	2296	2296	2296	2568	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1338.8	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	23.4	23.2	27.8	27.2	27.1	12.6	7.4	7.8	7.8	12.2	11.9	10.4
POWER																	
AVE POWER MW		46	90	185	184	198	196	234	227	211	92	54	57	57	91	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	288	283	283	283	283	305	311	338
ENERGY GWH	1286.6	16.7	15.1	40.0	132.4	147.2	140.9	174.2	168.9	151.7	68.7	19.6	9.6	10.9	67.6	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1246	91	42	54	125	136	143	79	79	57	108	47	22	25	70	68	101
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	27	10	-1	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14192	267	181	425	1416	1556	1500	1740	1735	1662	898	268	125	143	797	799	681
RELEASE	14192	267	181	425	1416	1556	1500	1740	1722	1636	898	268	125	143	797	799	720
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	14.6	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	52	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	594.4	11.3	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	38.5	11.6	5.4	6.2	34.2	34.3	30.7
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	785	52	24	31	110	205	151	68	31	21	20	14	6	7	14	-7	38
DEPLETION	251	6	3	4	21	35	30	37	34	22	10	6	3	3	12	13	13
REGULATED FLOW AT SIOUX CITY																	
KAF	14726	312	202	452	1505	1726	1621	1771	1719	1635	908	276	129	147	799	779	745
KCFS		10.5	14.6	25.3	25.3	28.1	27.2	28.8	28.0	27.5	14.8	9.3	9.3	9.3	13.0	12.7	13.4
--TOTAL--																	
NAT INFLOW	18297	1060	494	636	1948	2483	4287	2297	906	749	889	422	197	225	458	460	786
DEPLETION	2424	41	19	24	179	648	1391	902	183	-199	-54	-118	-55	-63	-181	-181	-112
CHAN STOR	-8	101	1	-22	-27	-39	-41	-6	4	56	65	10	-1	-79	-22	-13	6
EVAPORATION	1524							96	298	366	315	142	66	76	165		
STORAGE	33792	34601	34875	35012	35249	35319	36553	36075	34786	33788	33574	33706	33762	33748	33401	33250	33408
SYSTEM POWER																	
AVE POWER MW		446	586	747	794	891	916	1078	1008	710	518	381	390	499	695	660	717
PEAK POW MW		2039	2039	2040	2041	2038	2060	2047	2028	1993	1983	1986	1987	1988	1961	1969	1982
ENERGY GWH	6550.4	160.6	98.5	161.2	571.8	663.1	659.5	801.7	749.2	511.4	385.2	137.2	65.5	95.8	517.4	490.8	481.5
DAILY GWH		10.7	14.1	17.9	19.1	21.4	22.0	25.9	24.2	17.0	12.4	9.1	9.4	12.0	16.7	15.8	17.2

INI-SUM 15MAR 22MAR 31MAR 30APR 31MAY 30JUN 31JUL 31AUG 30SEP 31OCT 15NOV 22NOV 30NOV 31DEC 31JAN 28FEB

28FEB07		2007											2008			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	29FEB
--FORT PECK--																	
NAT INFLOW	5919	272	127	163	598	909	1156	509	294	281	371	184	86	98	314	238	319
DEPLETION	410	-3	-1	-2	76	309	482	166	-38	-124	-60	-33	-15	-18	-106	-124	-99
EVAPORATION	388							24	74	92	81	37	17	20	43		
MOD INFLOW	5121	275	128	165	522	600	674	319	258	313	350	180	84	96	377	362	418
RELEASE	5023	119	56	71	298	430	536	553	523	342	255	122	57	127	523	523	489
STOR CHANGE	99	156	73	93	224	170	138	-234	-265	-30	95	58	27	-31	-145	-161	-71
STORAGE	8144	8300	8373	8466	8691	8860	8999	8764	8500	8470	8566	8623	8650	8619	8474	8314	8243
ELEV FTMSL	2194.1	2195.2	2195.8	2196.4	2198.0	2199.1	2200.0	2198.5	2196.6	2196.4	2197.1	2197.5	2197.7	2197.5	2196.5	2195.3	2194.8
DISCH KCFS	9.0	4.0	4.0	4.0	5.0	7.0	9.0	9.0	8.5	5.7	4.1	4.1	4.1	8.0	8.5	8.5	8.5
POWER																	
AVE POWER MW		45	46	46	58	81	105	105	98	66	48	47	48	92	97	97	96
PEAK POW MW		162	163	164	166	168	169	167	164	164	165	166	166	165	164	162	162
ENERGY GWH	699.2	16.3	7.7	9.9	41.5	60.5	75.5	77.9	72.8	47.5	35.5	17.1	8.0	17.7	72.5	71.9	66.9
--GARRISON--																	
NAT INFLOW	9185	340	158	204	881	1136	2542	1607	454	349	491	203	95	108	136	201	281
DEPLETION	962	-5	-2	-3	-11	211	734	514	74	-126	-4	-91	-42	-49	-100	-78	-59
CHAN STOR	6	57			-11	-23	-22		5	30	18	0		-43	-6		0
EVAPORATION	462							28	90	111	96	44	20	23	50		
REG INFLOW	12790	521	216	278	1178	1333	2321	1618	819	736	671	373	174	217	704	802	829
RELEASE	12696	417	167	214	893	1076	1279	1291	1261	882	714	352	164	286	1230	1291	1179
STOR CHANGE	94	104	50	64	286	257	1042	327	-442	-146	-43	20	9	-68	-526	-490	-350
STORAGE	9792	9896	9946	10011	10296	10553	11595	11922	11480	11334	11291	11311	11321	11252	10726	10236	9886
ELEV FTMSL	1804.7	1805.2	1805.4	1805.7	1807.1	1808.3	1813.0	1814.4	1812.5	1811.8	1811.7	1811.7	1811.8	1811.5	1809.1	1806.8	1805.1
DISCH KCFS	20.5	14.0	12.0	12.0	15.0	17.5	21.5	21.0	20.5	14.8	11.6	11.8	11.8	18.0	20.0	21.0	20.5
POWER																	
AVE POWER MW		139	119	120	150	177	222	222	216	155	122	124	124	187	206	212	203
PEAK POW MW		348	349	350	355	360	377	382	375	373	372	372	372	371	363	354	348
ENERGY GWH	1576.3	49.9	20.0	25.8	108.1	131.4	159.5	164.9	160.7	111.9	90.5	44.6	20.8	36.0	153.0	157.6	141.6
--OAHE--																	
NAT INFLOW	1408	265	123	159	245	134	288	110	28	86	7	-7	-3	-3	-64	-16	56
DEPLETION	626	23	11	14	47	67	132	156	103	25	-9	2	1	1	12	17	26
CHAN STOR	0	36	11		-16	-14	-22	3	3	32	18	-1		-35	-11	-6	3
EVAPORATION	375							23	72	90	78	35	17	19	42		
REG INFLOW	13102	694	290	359	1074	1129	1413	1225	1117	886	669	308	144	228	1101	1253	1212
RELEASE	13004	345	252	357	1232	1395	1200	1726	1512	699	835	253	121	137	1053	835	1052
STOR CHANGE	98	349	38	2	-157	-265	213	-502	-396	187	-166	55	24	90	48	418	160
STORAGE	10309	10658	10696	10698	10541	10275	10488	9987	9591	9778	9612	9667	9690	9781	9829	10247	10407
ELEV FTMSL	1573.0	1574.8	1575.0	1575.0	1574.2	1572.9	1574.0	1571.3	1569.2	1570.2	1569.3	1569.6	1569.7	1570.2	1570.5	1572.7	1573.6
DISCH KCFS	18.5	11.6	18.2	20.0	20.7	22.7	20.2	28.1	24.6	11.8	13.6	8.5	8.7	8.7	17.1	13.6	18.3
POWER																	
AVE POWER MW		124	195	215	222	241	214	296	256	122	141	88	90	90	179	143	194
PEAK POW MW		542	543	543	539	531	537	523	512	517	513	514	515	518	519	531	535
ENERGY GWH	1659.2	44.7	32.7	46.4	159.6	179.3	154.3	220.2	190.2	88.1	105.1	31.8	15.2	17.4	132.9	106.4	135.1
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12876	345	252	357	1232	1395	1200	1719	1488	668	808	240	115	131	1039	835	1052
RELEASE	12876	345	252	357	1232	1395	1200	1719	1488	668	808	240	115	131	1039	835	1052
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.5	11.6	18.2	20.0	20.7	22.7	20.2	28.0	24.2	11.2	13.1	8.1	8.3	8.2	16.9	13.6	18.3
POWER																	
AVE POWER MW		55	85	94	97	106	94	131	115	57	66	41	42	42	84	67	88
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	747.4	19.8	14.3	20.2	69.8	79.0	68.0	97.3	85.2	40.9	49.4	14.7	7.0	8.0	62.6	50.0	61.1
--FORT RANDALL--																	
NAT INFLOW	476	88	41	53	68	55	191	21	57	-16	-82	-4	-2	-2		-10	19
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	129							10	31	33	23	10	5	5	13		
REG INFLOW	13135	432	292	409	1296	1441	1379	1712	1499	605	702	226	108	123	1023	822	1068
RELEASE	13135	167	148	392	1296	1441	1379	1712	1673	1611	774	226	108	123	750	732	604
STOR CHANGE	0	265	144	17	0	0		0	-174	-1006	-72	0	0	0	273	90	464
STORAGE	3123	3388	3532	3549	3549	3549	3549	3549	3375	2369	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1338.8	1337.5	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.4	5.6	10.7	22.0	21.8	23.4	23.2	27.8	27.2	27.1	12.6	7.6	7.8	7.7	12.2	11.9	10.5
POWER																	
AVE POWER MW		46	90	185	184	198	196	234	227	211	92	56	57	57	91	91	83
PEAK POW MW		349	354	355	355	355	355	355	348	288	283	283	283	283	305	311	338
ENERGY GWH	1289.1	16.7	15.1	40.0	132.4	147.0	140.8	174.2	168.9	151.7	68.7	20.0	9.5	10.9	67.6	67.7	57.9
--GAVINS POINT--																	
NAT INFLOW	1252	91	42	55	125	137	144	79	79	57	109	47	22	25	70	68	102
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	27	9	0	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14224	267	181	425	1416	1556	1500	1740	1735	1662	898	272	125	143	797	799	709
RELEASE	14224	267	181	425	1416	1556	1500	1740	1722	1636	898	272	125	143	797	799	748
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	14.6	9.2	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	52	33	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	595.7	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	38.5	11.8	5.4	6.2	34.2	34.3	31.9
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	862	57	27	34	121	225	166	74	34	23	22	15	7	8	16	-8	41
DEPLETION	254	6	3	4	21	35	30	37	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	14832	318	205	456	1516	1746	1636	1777	1721	1636	910	282	129	148	801	778	775
KCFS		10.7	14.7	25.5	25.5	28.4	27.5	28.9	28.0	27.5	14.8	9.5	9.3	9.3	13.0	12.7	13.5
--TOTAL--																	
NAT INFLOW	19102	1112	519	667	2038	2596	4487	2400	946	780	918	438	204	234	472	473	818
DEPLETION	2446	22	10	13	142	650	1414	930	199	-200	-60	-111	-52	-59	-169	-168	-115
CHAN STOR	-2	102	1	-22	-27	-39	-44	-6	9	55	63	9	0	-78	-25	-5	5
EVAPORATION	1531							96	299	368	316	143	67	76	166		
STORAGE	33408	34282	34587	34763	35116	35277	36671	36262	34998	34029	33844	33977	34037	34028	33677	33535	33699
SYSTEM POWER																	
AVE POWER MW		441	581	741	792	889	917	1084	1007	707	521	389	393	501	703	656	710
PEAK POW MW		2033	2034	2036	2039	2037	2062	2051	2033	1997	1988	1990	1992	1993	1966	1974	1988
ENERGY GWH	6567.0	158.8	97.5	160.0	570.0	661.6	660.1	806.1	749.0	508.8	387.6	140.0	66.0	96.1	522.8	488.0	494.5
DAILY GWH		10.6	13.9	17.8	19.0	21.3	22.0	26.0	24.2	17.0	12.5	9.3	9.4	12.0	16.9	15.7	17.1

	29FEB08	2008											2009			
	INI-SUM	15MAR	22MAR	31MAR	30APR	31MAY	30JUN	31JUL	31AUG	30SEP	31OCT	15NOV	22NOV	30NOV	31DEC	31JAN	28FEB
--FORT PECK--																	
NAT INFLOW	5961	274	128	164	602	915	1164	513	296	283	374	185	86	99	317	240	321
DEPLETION	419	-3	-1	-2	76	310	486	173	-34	-125	-62	-35	-16	-19	-110	-127	-92
EVAPORATION	391							24	75	93	82	37	17	20	43		
MOD INFLOW	5151	277	129	166	526	605	678	316	255	315	354	183	85	97	384	367	413
RELEASE	5055	119	56	71	298	430	536	553	523	326	258	125	58	127	523	553	500
STOR CHANGE	96	158	74	95	228	175	142	-237	-267	-11	97	58	27	-30	-139	-186	-87
STORAGE	8243	8400	8474	8569	8797	8972	9114	8877	8610	8598	8695	8753	8780	8750	8612	8425	8339
ELEV FTMSL	2194.8	2196.0	2196.5	2197.1	2198.7	2199.8	2200.8	2199.2	2197.4	2197.3	2198.0	2198.4	2198.6	2198.4	2197.4	2196.1	2195.5
DISCH KCFS	8.5	4.0	4.0	4.0	5.0	7.0	9.0	9.0	8.5	5.5	4.2	4.2	4.2	8.0	8.5	9.0	9.0
POWER																	
AVE POWER MW		46	46	46	58	82	105	105	98	63	49	49	49	93	98	103	102
PEAK POW MW		163	164	165	167	169	170	168	165	165	166	167	167	167	165	164	163
ENERGY GWH	707.2	16.4	7.7	9.9	41.7	60.7	75.8	78.2	73.2	45.5	36.1	17.5	8.2	17.8	73.0	76.6	68.7
--GARRISON--																	
NAT INFLOW	9293	344	160	206	891	1150	2572	1626	460	353	496	205	96	109	137	204	284
DEPLETION	1088	0	0	0		212	744	530	79	-128	-8	-95	-44	-50	-73	-51	-29
CHAN STOR	-5	51			-11	-22	-22		5	33	14	0	0	-42	-6	-6	
EVAPORATION	465							29	90	112	97	44	21	23	50		
REG INFLOW	12790	513	216	277	1177	1346	2341	1621	819	729	679	380	177	221	677	803	813
RELEASE	12670	387	167	214	893	1107	1279	1291	1261	922	704	341	160	286	1230	1291	1139
STOR CHANGE	119	126	49	63	285	239	1062	330	-442	-194	-25	39	18	-64	-553	-488	-326
STORAGE	9886	10013	10062	10125	10409	10648	11710	12040	11598	11405	11379	11419	11436	11372	10820	10331	10006
ELEV FTMSL	1805.1	1805.7	1806.0	1806.3	1807.6	1808.7	1813.5	1814.9	1813.0	1812.2	1812.0	1812.2	1812.3	1812.0	1809.5	1807.3	1805.7
DISCH KCFS	20.5	13.0	12.0	12.0	15.0	18.0	21.5	21.0	20.5	15.5	11.5	11.5	11.5	18.0	20.0	21.0	20.5
POWER																	
AVE POWER MW		129	120	120	151	182	222	222	217	163	120	120	121	188	207	213	204
PEAK POW MW		350	351	352	357	361	379	384	377	374	373	374	374	373	364	356	350
ENERGY GWH	1579.4	46.5	20.1	25.9	108.6	135.6	160.1	165.5	161.3	117.3	89.5	43.3	20.3	36.1	153.6	158.1	137.3
--OAHE--																	
NAT INFLOW	1429	269	125	161	249	136	293	112	29	87	7	-7	-3	-4	-65	-16	56
DEPLETION	641	23	11	14	48	68	135	160	106	26	-9	2	1	1	12	17	27
CHAN STOR	0	41	5		-16	-16	-19	3	3	28	23		0	-36	-11	-6	3
EVAPORATION	380							24	72	91	80	36	17	19	42		
REG INFLOW	13079	673	286	361	1077	1159	1418	1222	1114	921	663	297	139	225	1100	1253	1170
RELEASE	12960	343	251	356	1230	1394	1196	1726	1510	700	836	247	121	137	1053	835	1025
STOR CHANGE	119	330	36	5	-152	-235	222	-504	-396	220	-173	49	18	88	47	418	146
STORAGE	10407	10737	10773	10778	10626	10391	10613	10109	9712	9933	9760	9809	9827	9915	9962	10380	10526
ELEV FTMSL	1573.6	1575.2	1575.4	1575.4	1574.7	1573.5	1574.6	1572.0	1569.8	1571.1	1570.1	1570.4	1570.5	1571.0	1571.2	1573.4	1574.2
DISCH KCFS	18.3	11.5	18.1	19.9	20.7	22.7	20.1	28.1	24.6	11.8	13.6	8.3	8.7	8.7	17.1	13.6	18.4
POWER																	
AVE POWER MW		124	194	215	222	242	214	297	256	123	142	87	91	91	179	144	197
PEAK POW MW		544	545	545	541	535	541	527	515	522	517	518	519	521	523	534	538
ENERGY GWH	1660.2	44.5	32.7	46.3	159.7	179.8	154.4	221.1	190.7	88.6	105.8	31.3	15.3	17.4	133.5	106.8	132.1
--BIG BEND--																	
EVAPORATION	129							8	24	31	27	12	6	7	14		
REG INFLOW	12831	343	251	356	1230	1394	1196	1719	1486	669	809	235	115	131	1039	835	1025
RELEASE	12831	343	251	356	1230	1394	1196	1719	1486	669	809	235	115	131	1039	835	1025
STORAGE	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682	1682
ELEV FTMSL	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0	1420.0
DISCH KCFS	18.3	11.5	18.1	19.9	20.7	22.7	20.1	28.0	24.2	11.2	13.2	7.9	8.3	8.2	16.9	13.6	18.4
POWER																	
AVE POWER MW		55	85	93	97	106	94	131	114	57	66	40	42	42	84	67	88
PEAK POW MW		518	510	509	509	509	509	509	518	538	538	538	538	538	538	538	529
ENERGY GWH	744.8	19.6	14.2	20.2	69.7	79.0	67.8	97.3	85.1	41.0	49.4	14.4	7.1	8.0	62.6	50.0	59.5
--FORT RANDALL--																	
NAT INFLOW	489	90	42	54	70	56	195	21	59	-16	-84	-4	-2	-2		-10	20
DEPLETION	80	1	1	1	4	9	12	18	15	7	1	1	0	1	3	3	3
EVAPORATION	129							10	31	33	23	10	5	5	13		
REG INFLOW	13104	431	292	409	1296	1441	1379	1712	1499	606	701	221	108	123	1023	822	1042
RELEASE	13104	167	148	392	1296	1441	1379	1712	1673	1611	774	221	108	123	750	732	578
STOR CHANGE	0	265	144	17				0	-174	-1005	-73	0	0	0	273	90	464
STORAGE	3123	3388	3532	3549	3549	3549	3549	3549	3375	2370	2296	2296	2296	2296	2569	2659	3123
ELEV FTMSL	1350.0	1353.3	1355.0	1355.2	1355.2	1355.2	1355.2	1355.2	1353.1	1338.8	1337.5	1337.5	1337.5	1337.5	1342.1	1343.5	1350.0
DISCH KCFS	10.5	5.6	10.7	22.0	21.8	23.4	23.2	27.8	27.2	27.1	12.6	7.4	7.8	7.7	12.2	11.9	10.4
POWER																	
AVE POWER MW		46	90	185	184	198	196	234	227	211	92	54	57	57	91	91	82
PEAK POW MW		349	354	355	355	355	355	355	348	288	283	283	283	283	305	311	338
ENERGY GWH	1286.2	16.7	15.1	40.0	132.4	147.0	140.8	174.2	168.9	151.7	68.7	19.6	9.6	10.9	67.6	67.7	55.4
--GAVINS POINT--																	
NAT INFLOW	1252	91	42	55	125	137	144	79	79	57	109	47	22	25	70	68	102
DEPLETION	114	0	0	0	5	19	24	39	10	-5	2	5	2	3	10	1	
CHAN STOR	-1	9	-10	-22	0	-3	0	-9	1	0	27	10	-1	0	-8	1	3
EVAPORATION	47							3	9	11	10	5	2	2	5		
REG INFLOW	14194	267	181	425	1416	1556	1500	1740	1735	1662	898	268	125	143	797	799	682
RELEASE	14194	267	181	425	1416	1556	1500	1740	1722	1636	898	268	125	143	797	799	721
STOR CHANGE									13	26							-39
STORAGE	358	358	358	358	358	358	358	358	371	397	397	397	397	397	397	397	358
ELEV FTMSL	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.0	1206.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1207.5	1206.0
DISCH KCFS	13.0	9.0	13.0	23.8	23.8	25.3	25.2	28.3	28.0	27.5	14.6	9.0	9.0	9.0	13.0	13.0	13.0
POWER																	
AVE POWER MW		32	46	82	82	87	86	96	96	95	52	32	32	32	46	46	46
PEAK POW MW		114	114	114	114	114	114	114	115	117	117	117	117	117	78	78	76
ENERGY GWH	594.4	11.4	7.7	17.6	58.7	64.4	62.1	71.6	71.3	68.7	38.5	11.6	5.4	6.2	34.2	34.3	30.8
--GAVINS POINT - SIOUX CITY--																	
NAT INFLOW	879	58	27	35	123	230	169	76	35	24	22	15	7	8	16	-8	42
DEPLETION	255	6	3	4	21	35	30	38	35	23	10	6	3	3	12	13	14
REGULATED FLOW AT SIOUX CITY																	
KAF	14818	319	205	456	1518	1751	1639	1778	1722	1637	910	277	129	148	801	778	749
KCFS		10.7	14.8	25.6	25.5	28.5	27.5	28.9	28.0	27.5	14.8	9.3	9.3	9.3	13.0	12.7	13.5
--TOTAL--																	
NAT INFLOW	19303	1125	525	675	2060	2624	4537	2427	958	788	924	441	206	235	475	478	825
DEPLETION	2597	28	13	17	154	653	1431	958	211	-202	-66	-117	-54	-62	-146	-144	-77
CHAN STOR	-13	101	-4	-22	-27	-42	-41	-6	9	54	63	10	-1	-78	-25	-11	6
EVAPORATION	1541							97	301	370	318	144	67	77	167		
STORAGE	33699	34578	34880	35061	35421	35600	37026	36614	35348	34385	34210	34356	34419	34413	34042	33875	34033
SYSTEM POWER																	
AVE POWER MW		431	580	741	793	896	918	1086	1009	712	522	383	392	502	705	664	720
PEAK POW MW		2038	2039	2041	2044	2043	2068	2057	2039	2004	1995	1998	1999	2000	1973	1981	1994
ENERGY GWH	6572.3	155.2	97.5	160.1	570.8	666.5	660.9	807.9	750.4	512.8	388.1	137.7	65.9	96.4	524.5	493.7	483.8
DAILY GWH		10.3	13.9	17.8	19.0	21.5	22.0	26.1	24.2	17.1	12.5	9.2	9.4	12.1	16.9	15.9	17.3