

WATER CONTROL MANUAL

SAN ANTONIO DAM

SAN ANTONIO CREEK, LOS ANGELES COUNTY AND
SAN BERNARDINO COUNTY, CALIFORNIA

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Prepared

by

U.S. Army Corps of Engineers

Los Angeles District

Reservoir Regulation Section



SAN ANTONIO DAM

NOTICE TO USERS OF MANUAL

Regulations specify that this Water Control Manual be published in loose leaf form, and only those sections, or parts thereof, requiring changes will be revised and printed. Therefore, this copy should be preserved in good condition so that inserts can be made to keep the manual current.

EMERGENCY REGULATION ASSISTANCE PROCEDURES

In the event that unusual conditions arise, the Reservoir Regulation Section, Los Angeles District Office can be contacted by telephone at 213-894-6916. See plate 9-01 for other important telephone numbers for reservoir regulation assistance.

ORGANIZATION OF MANUAL

Indicated by Roman Numerals, this manual is divided into chapters. Within each chapter are numbered paragraphs, which are major topics discussed in the chapter. Figures cited in the text of each chapter are presented at the end of that chapter. Plates cited are located in the back of the manual. Exhibits are included in the back as appendices.

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 SAN ANTONIO DAM
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A	Standing Instructions to Project Operator for Water Control
B	San Antonio Dam Water Control Plan Reservoir Regulation Schedule
C	Pertinent Data For Prado Dam, Carbon Canyon Dam and Villa Park Dam
D	Environmental Evaluation
E	Chain of Correspondence for Approval of Water Control Manual

ABBREVIATIONS USED

ac-ft	acre-feet
ALERT	Automatic Local Evaluation in Real-Time
CBWCD	Chino Basin Water Conservation District
CFR	Code of Federal Regulation
cfs	cubic feet per second
COE	U.S. Army Corps of Engineers
CON-OPS	Construction Operations Division USACOE, LAD
DWP	Department of Water and Power, City of Los Angeles
EM	Engineering Manual
ER	Engineering Regulation
ETL	Engineering Technical Letter
FAA	Federal Aeronotics Administration
ft ³ /s	cubic feet per second

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ABBREVIATIONS USED (Continued)

ft.	feet
FONSI	Finding of No Significant Impact
GDM	General Design Memorandum
HEC	Hydrologic Engineering Center, U.S. Army Corps of Engineers
LACDA	Los Angeles County Drainage Area
LACDPW	Los Angeles County Department of Public Works
LACFCD	Los Angeles County Flood Control District
LAD	Los Angeles District, U.S. Army Corps of Engineers
LATS	Los Angeles Telemetry System
mph	miles per hour
MTBY	Call Letters for Mt. Baldy Precipitation Station within Los Angeles Telemetry System
MWD	Metropolitan Water District
NGVD	National Geodetic Vertical Datum of 1929
NOAA	National Oceanographic and Atmospheric Administration
NWS	National Weather Service
OCEMA	Orange County Emergency Management Agency
P.L.	Public Law
PMF	Probable Maximum Flood
PMP	Probable Maximum Precipitation
ppm	parts per million
PVPA	Pomona Valley Protective Association
QPF	Quantitative Precipitation Forecast
RDF	Reservoir Design Flood
ROC	Reservoir Operations Center
RRS	Reservoir Regulation Section
RTU	Remote Terminal Unit
SARRT	Santa Ana River Real-Time Water Control System
SBCFCD	San Bernardino County Flood Control District
SCAG	Southern California Association of Governments
SNTD	Call Letters for San Antonio Dam within Los Angeles Telemetry System
SPF	Standard Project Flood
SPS	Standard Project Storm
USGS	U.S. Geological Survey
VHF	Very High Frequency
WSE	Water Surface Elevation
WY	Water Year