

IX - WATER CONTROL MANAGEMENT

9-01 RESPONSIBILITIES AND ORGANIZATION

a. Corps of Engineers. Lopez Dam is owned, operated, and maintained by the LAD, which has complete regulatory responsibility for the dam and the reservoir.

Reservoir operations at Lopez Dam and other COE facilities in the LAD are conducted by the Reservoir Regulation Unit of the Hydrologic Engineering Section. Plate 5-2 shows an organizational chart depicting the chain of command for Reservoir Regulation.

Gate regulation instructions to the dam tender are issued by the Reservoir Regulation Unit (see Sections 5-06 and 5-07). In the event that communications between the Reservoir Regulation Unit and Lopez Dam are interrupted, a set of Standing Instructions to Dam Tender are included in Section 7-04. Dam tenders are part of the Operation Branch, in the Construction-Operations Division.

b. Other Federal Agencies. The COE has complete responsibility for the operation of Lopez Dam; and although the COE receives data and information from other Federal and local agencies and informs these agencies of major decisions affecting Lopez Dam, no other agency has any responsibility in the operation of Lopez Dam. The U.S. Geological Survey operates stream gages in the LACDA.

c. State and County Agencies. LACDPW has maintenance responsibility for the Pacoima channel downstream of Lopez Dam and maintains and operates a number of projects in the drainage area. See Section 3-04.

9-02 INTERAGENCY COORDINATION

The COE coordinates with other Federal, State, County, and local organizations, as well as with the press, concerning the water control for Lopez Reservoir.

a. Local Press and Corps of Engineers Bulletins. The Public Affairs Office of the LAD, is responsible for interfacing with the press regarding operations at Lopez Dam and flows in the channel downstream of the dam. This is accomplished through interviews and the occasional issuance of press releases. The COE does not broadly issue flood watches or warnings or other status reports or forecasts to the general public. These are the responsibility of the NWS.

b. National Weather Service. The COE utilizes NWS data and forecasts in the operation of Lopez Dam, including the real-time telemetry data from gages installed in the watershed by the LACDPW in cooperation with the NWS. The COE shares data with the NWS and other agencies both on a real time basis and after the fact.

c. U.S. Geological Survey. The COE receives streamflow data from the U.S. Geological Survey, primarily on a historical basis in southern California. The COE coordinates with the U.S. Geological Survey in many different ways, and shares its data with the Geological Survey.

d. Los Angeles County Department of Public Works. The COE and LACDPW closely coordinate the operation of their reservoir projects and the maintenance and patrolling of their channels in the LACDA.

9-03 REPORTS

The LAD prepares and files several types of reports.

Each month during the runoff season, November through April, a flood situation and runoff potential report is prepared and sent to the South Pacific Division of the COE.

Four specific forms are also prepared in conjunction with the District's reservoir operation at Lopez Dam. A copy of each of these forms is included as Figures 9-01 through 9-04. These include: Flood Control Basin Operation Report (prepared by each dam tender), Record of Calls (both radio and telephone), Record of Data from Digital Recorders, and Reservoir Computations.

RESERVOIR COMPUTATIONS

HOURLY DAILY

DAM					TIME OF READING (IF DAILY)			DATE				
COMPUTED BY				CHECKED BY		DATA SOURCE						
HR.	DA.	WATER SURFACE ELEV. FT.	STORAGE AC. FT.	GATE STEP NO.	INST. OUTFLOW			STORAGE CHANGE	AV. OUTFLOW CFS	AV. INFLOW CFS	GATE SETTINGS FT.	
					OUT-LETS CFS	G. HT. FT.	FLOW CFS					ACRE- FEET
PREVIOUS REPORT												
	1											
	2											
	3											
	4											
	5											
	6											
	7											
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	27											
	28											
	29											
	30											
	31											
REMARKS								<i>TOTAL</i>				
								<i>MEAN</i>				

SPL FORM 30 MAY 67

PREVIOUS EDITIONS MAY BE USED;
REPLACES SPL FORM 29 WHICH MAY BE USED

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