

RESERVOIR SEDIMENT
DATA SUMMARY

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

LOPEZ FLOOD CONTROL BASIN
NAME OF RESERVOIR

70-114

DATA SHEET NO.

DAM	1. OWNER Corps of Engineers		2. STREAM Pacoima Wash		3. STATE Calif		
	4. SEC. TWP. 3N RANGE 15W		5. NEAREST P.O. San Fernando		6. COUNTY Los Angeles		
	7. LAT. 34° 17' 57" LONG. 118° 24' 29"		8. TOP OF DAM ELEVATION 1298.92		9. SPILLWAY CREST ELEV. 1272.92		
RESERVOIR	10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. ORIGINAL SURFACE AREA, ACRES	13. ORIGINAL CAPACITY, ACRE-Feet	14. GROSS STORAGE, ACRE-Feet	15. DATE STORAGE BEGAN	
	a. FLOOD CONTROL					1954	
	b. MULTIPLE USE						
	c. POWER					16. DATE NORMAL OPER. BEGAN Dec 54	
	d. WATER SUPPLY						
	e. IRRIGATION						
	f. CONSERVATION						
	g. INACTIVE						
17. LENGTH OF RESERVOIR			MILES	AV. WIDTH OF RESERVOIR		MILES	
WATERSHED	18. TOTAL DRAINAGE AREA		34	SQ. MI.	22. MEAN ANNUAL PRECIPITATION		INCHES
	19. NET SEDIMENT CONTRIBUTING AREA		34	SQ. MI.	23. MEAN ANNUAL RUNOFF		INCHES
	20. LENGTH	MILES	AV. WIDTH	MILES	24. MEAN ANNUAL RUNOFF		AC.-FT.
	21. MAX. ELEV.		MIN. ELEV. 1252.92		25. ANNUAL TEMP MEAN 62.2° RANGE 48.8°-75.6°		
	26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA, ACRES	32. CAPACITY, ACRE-Feet
Jan 73	18.17	18.17				2/	
SURVEY DATA	25. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW, ACRE-Feet			36. WATER INFL. TO DATE, AC.-FT.	
	Jan 73	1674	a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE
			No record of inflow				
	26. DATE OF SURVEY	37. 3/ PERIOD CAPACITY LOSS, ACRE-Feet			38. TOTAL SED. DEPOSITS TO DATE, ACRE-Feet		
Jan 73	a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	
	475	26.14	0.77	475	26.14	0.77	
26. DATE OF SURVEY	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		42. SED. INFLOW, PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, CREST ELEVATION														
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION														
26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR														
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														
45. RANGE IN RESERVOIR OPERATION															
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW, AC.-FT.								
46. ELEVATION-AREA-CAPACITY DATA															
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY							
47. REMARKS AND REFERENCES															
<u>1/</u> Item 25 - Temperature taken at Pasadena, California. <u>2/</u> Item 32 - Capacity of debris basin varies. Debris excavated at various times. <u>3/</u> Item 37 - Sedimentation values computed by LACFCD are based on complete water year.															
48. AGENCY MAKING SURVEY LACFCD															
49. AGENCY SUPPLYING DATA C of E															
50. DATE 14 Feb 75															