

RESERVOIR SEDIMENT
DATA SUMMARY

GOLF CLUB DRIVE DEBRIS BASIN

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

NAME OF RESERVOIR

70-122

DATA SHEET NO.

DAM	1. OWNER LACFCD		2. STREAM Sycamore Canyon		3. STATE California			
	4. SEC. Land TWP. Grant RANGE		5. NEAREST P o. Glendale		6. COUNTY Los Angeles			
	7. LAT 34° 10' 10" LONG 118° 12' 12"		8. TOP OF DAM ELEVATION 915.0		9. SPILLWAY CREST ELEV. 902.0			
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					1970		
	b. MULTIPLE USE							
	c. POWER					16. DATE NORMAL OPER BEGAN		
	d. WATER SUPPLY							
	e. IRRIGATION							
	f. CONSERVATION					1970-1971		
g. INACTIVE								
WATERSHED	17. LENGTH OF RESERVOIR 1/1 MILES		AV. WIDTH OF RESERVOIR 1/1 MILES					
	18. TOTAL DRAINAGE AREA .32 SQ. MI.		22. MEAN ANNUAL PRECIPITATION		INCHES			
	19. NET SEDIMENT CONTRIBUTING AREA .32 SQ. MI.		23. MEAN ANNUAL RUNOFF		INCHES			
	20. LENGTH 1.29 MILES	AV. WIDTH .25 MILES	24. MEAN ANNUAL RUNOFF		AC-F.T.			
	21. MAX. ELEV. 1887	MIN. ELEV. 880.5	25. ANNUAL TEMP MEAN 62.2° RANGE 48.8°-75.6°					
SURVEY DATA	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	33. C/I. RATIO, AC.-FT. PER AC.-FT.
	Sep 76	6	6					
	Sep 77	1	7					
	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-Feet		36. WATER INFL. TO DATE, AC.-FT.		
		a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE		
	Sep 76	16.23		No record of inflow.				
	Sep 77	23.72						
	26. DATE OF SURVEY	37. 4 / PERIOD CAPACITY LOSS, ACRE-Feet			38. TOTAL SED. DEPOSITS TO DATE, ACRE-Feet			
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	
	Sep 76	1.12	.19	.58	1.12	.19	.58	
Sep 77	.93	.93	2.91	2.05	.29	.92		
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												

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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
PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION														

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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

1/ Item 17- No dimensions available.

2/ Item 25- Temperature taken at Pasadena, California.

3/ Item 32- Capacity of debris basin varies. Debris excavated at various times.

4/ Item 37- Sedimentation values computed by LACFCD are based on complete water year.

48. AGENCY MAKING SURVEY LACFCD
C of E

49. AGENCY SUPPLYING DATA

50. DATE 17 Feb 78