

RESERVOIR SEDIMENT  
DATA SUMMARY

Sullivan Debris Basin

NAME OF RESERVOIR

70-128

DATA SHEET NO.

DAM	1. OWNER LACFCD		2. STREAM Sullivan Canyon		3. STATE Calif.		
	4. SEC. Land TWP. Grant RANGE		5. NEAREST P.O. Pacific Palisades COUNTY Los Angeles				
	7. LAT. 34° 04' 24" LONG. 118° 30' 26"		8. TOP OF DAM ELEVATION 599.3		9. SPILLWAY CREST ELEV. 587.0		
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		
	a. FLOOD CONTROL						
	b. MULTIPLE USE						
	c. POWER						
	d. WATER SUPPLY				15. DATE STORAGE BEGAN		
	e. IRRIGATION				16. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION				1970		
WATERSHED	g. INACTIVE				1970-71		
	17. LENGTH OF RESERVOIR 1/ MILES				AV. WIDTH OF RESERVOIR 1/ MILES		
	18. TOTAL DRAINAGE AREA 2.38 SQ. MI.			22. MEAN ANNUAL PRECIPITATION INCHES			
	19. NET SEDIMENT CONTRIBUTING AREA 2.38 SQ. MI.			23. MEAN ANNUAL RUNOFF INCHES			
	20. LENGTH 3.93 MILES		AV. WIDTH .61 MILES		24. MEAN ANNUAL RUNOFF AC.-FT.		
	21. MAX. ELEV. 1961		MIN. ELEV. 569.9		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.
Sep 76		6	6				
26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-FEET		32. CAPACITY, ACRE-FEET	
Sep 76		18.93		No record of inflow.		3/	
26. DATE OF SURVEY		37. A/ PERIOD CAPACITY LOSS, ACRE-FEET		38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET			
Sep 76		.56		.09	.39	.56	
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PER SQ. MI.-YR.		41. STORAGE LOSS, PCT.		
			a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	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

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  
 49. AGENCY SUPPLYING DATA    C of E

50. DATE      Feb 77