

RESERVOIR SEDIMENT
DATA SUMMARY

IRVING DRIVE DEBRIS BASIN
NAME OF RESERVOIR

70-124
DATA SHEET NO.

DAM	1. OWNER LACFCD			2. STREAM Irving			3. STATE California							
	4. SEC. 35 TWP. 2N RANGE 14W			5. NEAREST P O Burbank			6. COUNTY Los Angeles							
	7. LAT. 34° 12' 25" LONG 118° 19' 16"			8. TOP OF DAM ELEVATION 920.0			9. SPILLWAY CREST ELEV. 915.3							
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										1974			
	b. MULTIPLE USE										15. DATE NORMAL OPER. BEGAN			
	c. POWER										1974-75			
	d. WATER SUPPLY													
	e. IRRIGATION													
	f. CONSERVATION													
	g. INACTIVE													
WATERSHED	17. LENGTH OF RESERVOIR 0.05 MILES				AV. WIDTH OF RESERVOIR 0.01 MILES									
	18. TOTAL DRAINAGE AREA 0.03 SQ. MI.				22. MEAN ANNUAL PRECIPITATION INCHES									
	19. NET SEDIMENT CONTRIBUTING AREA 0.03 SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES									
	20. LENGTH 0.25 MILES		AV. WIDTH 0.12 MILES		24. MEAN ANNUAL RUNOFF AC. FT.									
	21. MAX. ELEV. 1405.0		MIN. ELEV. 905.0		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, 2/ ACRE-FEET		33. C/I RATIO. AC.-FT. PER AC.-FT.	
	Sep 77		3	3										
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW. ACRE-FEET				36. WATER INFL. TO DATE. AC.-FT.					
	Sep 77		14.22		No record of inflow.									
	26. DATE OF SURVEY		37. 3/ PERIOD CAPACITY LOSS, ACRE-FEET				38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET							
	Sep 77		0.06		0.02		0.67		0.06		0.02		0.67	
	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
1/ Item 25 - Temperature taken at Pasadena, California.
2/ Item 32 - Capacity of debris basin varies. Debris excavated at various times.
3/ Item 37 - Sediment values as computed by LACFCD are sediment removed from basin and are based on complete water year.