

RESERVOIR SEDIMENTATION
DATA SUMMARY

Encino Reservoir 1/

70 - 11

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER City of Los Angeles			2. RIVER Encino Creek		3. STATE California		
	4. SEC. 24 TWP. 1N RANGE 16W			5. NEAREST TOWN Los Angeles		6. COUNTY Los Angeles		
	7. STREAM BED ELEV. 904			8. TOP OF DAM ELEV. 1,022		9. SPILLWAY CREST ELEV. 1,018		
RESERVOIR	10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. SURFACE AREA ACRES	13. STORAGE ACRE- FEET	14. ACCUMULATED ACRE- FEET	15. DATE STORAGE BEGAN		
	a. FLOOD CONTROL					May 1921		
	b. POWER							
	c. WATER SUPPLY	1,018	78	3,229	3,229	16. DATE NORMAL OPER. BEGAN		
	d. IRRIGATION							
	e. CONSERVATION							
	f. INACTIVE							
17. LENGTH OF RESERVOIR 0.51 MILES			AV. WIDTH OF RESERVOIR 0.19 MILES					
WATERSHED	18. TOTAL DRAINAGE AREA 1.42 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 20 INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA 1.30 SQ. MI.			23. MEAN ANNUAL RUNOFF INCHES				
	20. LENGTH MILES		AV. WIDTH MILES		24. MEAN ANNUAL RUNOFF AC.-FT.			
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION Sub-humid			
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/W RATIO AC.-FT. PER SQ. MI.
	May 1921	-	-	-	-	78	3,229	2,274
	June 1939	18	18	Range recon.	8	78	3,210	2,261
	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	
	26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRE- FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE- FEET.			
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	d. TOTAL TO DATE	e. AV. ANNUAL	f. PER SQ. MI.-YEAR	
	June 1939	19	1.06	0.815	19	1.06	0.815	
	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. ANNUAL	b. TOT. TO DATE	c. PERIOD	d. TOT. TO DATE	
June 1939	40 *	710	710	0.03	0.59			

1/ Regulating and storage reservoir for water from Owens Valley aqueduct.
* Assumed

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, 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															
Region 7, Soil Conservation Service U. S. Dept. of Agriculture Portland, Oregon															
48. AGENCY SUPPLYING DATA										49. DATE August 25, 1950					