

RESERVOIR SEDIMENTATION
DATA SUMMARY

Lake Sherwood
NAME OF RESERVOIR

70-4

DATA SHEET NO.

Club

DAM	1. OWNER Lake Sherwood Country/				2. RIVER Triunfo Creek		3. STATE California					
	4. SEC. 27 TWP. 1N RANGE 19W		5. NEAREST TOWN Hollywood			6. COUNTY Ventura						
	7. STREAM BED ELEV. 911			8. TOP OF DAM ELEV. 954		9. SPILLWAY CREST ELEV.						
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									1905		
	b. POWER											
	c. WATER SUPPLY									16. DATE NORMAL OPER. BEGAN		
	d. IRRIGATION											
	e. CONSERVATION				180		2,870		2,870			
	f. INACTIVE											
17. LENGTH OF RESERVOIR 1.5 MILES				AV. WIDTH OF RESERVOIR 0.19 MILES								
WATERSHED	18. TOTAL DRAINAGE AREA 16 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 20 INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 15.7 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.				
	1905	-	-	-	-	180	2,870	179				
	March 1936	31	31	Range Detailed	23	180	2,792	175				
	March 1938	2	33	Range Recon.	4	180	2,772	173				
	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	d. MEAN ANNUAL	e. 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					
	March 1936	78	2.52	0.16	78	2.52	0.16					
March 1938	20	10.0	0.64	98	2.97	0.19						
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	c. AV. ANNUAL	d. TOT. TO DATE	e. PERIOD	f. TOT. TO DATE					
March 1936	50*	174	174	0.09	2.72							
March 1938		697	207	0.10	3.41							

* 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. Department of Agriculture

48. AGENCY SUPPLYING DATA Portland, Oregon 49. DATE Aug. 28, 1950