

RESERVOIR SEDIMENTATION
DATA SUMMARY

Lake Harriet (Oak Grove)

NAME OF RESERVOIR

74-2

DATA SHEET NO.

DAM	1. OWNER Portland Elec. Power Co.				2. RIVER Tributary Clackamas		3. STATE Oregon				
	4. SEC. - TWP. - RANGE -			5. NEAREST TOWN Portland		6. COUNTY Clackamas					
	7. STREAM BED ELEV. 2,000				8. TOP OF DAM ELEV.		9. SPILLWAY CREST ELEV. 2,035				
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										August 1924
	b. POWER		2,035		18		256		256		
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN
	d. IRRIGATION										
	e. CONSERVATION										August 1924
	f. INACTIVE										
WATERSHED	17. LENGTH OF RESERVOIR 0.57 MILES				AV. WIDTH OF RESERVOIR 0.06 MILES						
	18. TOTAL DRAINAGE AREA 126 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 70 INCHES						
	19. NET SEDIMENT CONTRIBUTING AREA 126 SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES						
	20. LENGTH MILES		AV. WIDTH MILES		24. MEAN ANNUAL RUNOFF 340,200 AC.-FT.						
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION Perhumid						
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.
	Aug. 1924		-	-	-	-	18		256		2
	Aug. 31, 1948		24	24	Recon.	49 meas.	18		252		2
	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			
	Aug. 31, 1948		4	0.17	.0013 (2 cu. yds.)	4	0.17	.0013 (2 cu. yds.)			
	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	a. PERIOD	b. TOT. TO DATE				
Aug. 31, 1948						0.07	1.56				

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
Portland, Oregon

49. AGENCY SUPPLYING DATA _____ DATE June 7, 1950