

RESERVOIR SEDIMENTATION
DATA SUMMARY

Atascadero Park Lake

71-2

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER County of San Luis Obispo		2. RIVER Atascadero Creek		3. STATE California			
	4. SEC. 22 TWP. 28 S RANGE 12 E		5. NEAREST TOWN Atascadero		6. COUNTY San Luis Obispo			
	7. STREAM BED ELEV. 898		8. TOP OF DAM ELEV. 915		9. SPILLWAY CREST ELEV. 910			
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					1918		
	b. POWER							
	c. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN		
	d. IRRIGATION							
	e. CONSERVATION							
	f. INACTIVE	910	15	150	150			
17. LENGTH OF RESERVOIR			MILES	AV. WIDTH OF RESERVOIR		MILES		
WATERSHED	18. TOTAL DRAINAGE AREA 1.0 1/		SQ. MI.	22. MEAN ANNUAL PRECIPITATION		INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA 1.0		SQ. MI.	23. MEAN ANNUAL RUNOFF		INCHES		
	20. LENGTH		MILES	AV. WIDTH		MILES	24. MEAN ANNUAL RUNOFF	
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION		AC.- FT.	
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.
	1918	-	-	-	-	15	150	150
	Nov. 5, 1947	29	29	Range Recon.	9	15	136	136
	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	
	Nov. 5, 1947	14	0.48	0.48	14	0.48	0.48	
	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		
Nov. 5, 1947	60*	627	627	0.32	9.33			

1/ Most of water supply comes from well.
* 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 Original capacity and watershed area data from "Dams within Jurisdiction of the State of California" - State of California Department of Public Works, Division of Water Resources - February 1, 1950.																
Region 7, Soil Conservation Service U. S. Department of Agriculture																
48. AGENCY SUPPLYING DATA Portland, Oregon										49. DATE August 24, 1950						