

**RESERVOIR SEDIMENT
DATA SUMMARY**

SCS-34 Rev. 6-66

Lazy Creek

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

72-29

DATA SHEET NO.

DAM	1. OWNER W.Tischer & H.L.Norton		2. STREAM Lazy Creek		3. STATE California			
	4. SEC. 35 TWP. 15N RANGE 15W		5. NEAREST P.O. Philo		6. COUNTY Mendocino			
	7. LAT 39° 7' "LONG 123° 29' "		8. TOP OF DAM ELEVATION 100*		9. SPILLWAY CREST ELEV. 95*			
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					8-5-1955		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY							
	e. IRRIGATION	95.00	2.50	26.94	26.94	16. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION					8-5-1955		
g. INACTIVE								
WATERSHED	17. LENGTH OF RESERVOIR 0.114 MILES		AV. WIDTH OF RESERVOIR 0.031 MILES					
	18. TOTAL DRAINAGE AREA 0.666 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 40 (50 yr) INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA 0.663 SQ. MI.		23. MEAN ANNUAL RUNOFF 20 (50 yr) INCHES					
	20. LENGTH 0.7 MILES		AV. WIDTH 0.95 MILES		24. MEAN ANNUAL RUNOFF 710 AC.-FT.			
	21. MAX. ELEV. 800**		MIN. ELEV. 75**		25. ANNUAL TEMP: MEAN 53 RANGE 45-60			
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/I. RATIO, AC.-FT. PER AC.-FT.
	8-5-551/	-	-	-	-	2.50	26.94	0.038
	7-3-67	12	12	Range "D"	7	2.16	19.50	0.027
	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	
	7-31-67	41	746	746	8952	746	8952	
	26. DATE OF SURVEY	37. PERIOD CAPACITY LOSS, ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE, ACRE-FEET			
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	a. TOTAL TO DATE	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	
	7-31-67	7.44	0.62	0.94	7.44	0.62	0.94	
	26. DATE OF SURVEY	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PERSQ. 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	
7-31-67	672/	1372	1372	2.30	27.62	893	893	

* Assumed datum

** Assume datum - add (+) 200 for MSL elevations

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/Original data obtained during 1967 survey.
2/Weighted average of 5 samples.

Watershed Land Use: Timber 54%, Grazing 46%.

Geology: Undivided Cretaceous marine sediments, mostly greywacke and minor shale.

48. AGENCY MAKING SURVEY USDA, Soil Conservation Service, Calif. State Office, Berkeley.
49. AGENCY SUPPLYING DATA same 50. DATE August 1968