

RESERVOIR SEDIMENT  
DATA SUMMARY

SCS-34 Rev. 6-66

Telecky

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

75-20

DATA SHEET NO.

DAM	1. OWNER <b>C. Telecky</b>			2. STREAM <b>Trib. to Crab</b>			3. STATE <b>Washington</b>						
	4. SEC <b>N<sub>2</sub> 27</b> TWP. <b>24 N</b> RANGE <b>38 E</b>			5. NEAREST P. O. <b>Edwall</b>			6. COUNTY <b>Lincoln</b>						
	7. LAT <b>47° 33'</b> " LONG. <b>118° 00'</b> "			8. TOP OF DAM ELEVATION <b>102.0</b>			9. SPILLWAY CREST ELEV. <b>100.0</b>						
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										10-56		
	b. MULTIPLE USE												
	c. POWER												
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN		
	e. IRRIGATION												
	f. CONSERVATION		<b>100.0*</b>		<b>4.67</b>		<b>13.43</b>		<b>13.43</b>		<b>4-57</b>		
g. INACTIVE													
WATERSHED	17. LENGTH OF RESERVOIR <b>0.15</b> MILES				AV. WIDTH OF RESERVOIR <b>0.07</b> MILES								
	18. TOTAL DRAINAGE AREA <b>2.26</b> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <b>16.00</b> INCHES								
	19. NET SEDIMENT CONTRIBUTING AREA <b>2.26</b> SQ. MI.				23. MEAN ANNUAL RUNOFF <b>1.2</b> INCHES								
	20. LENGTH MILES		AV. WIDTH MILES		24. MEAN ANNUAL RUNOFF <b>144.6</b> AC.-FT.								
	21. MAX. ELEV.		MIN. ELEV.		25. ANNUAL TEMP: MEAN <b>46.6</b> RANGE <b>67.4-24.3</b>								
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.	
	April 1957							<b>4.67</b>		<b>13.43</b>		<b>0.09</b>	
	June 1964**		<b>7</b>	<b>7</b>	Range (D)		<b>2 R</b>	None		None		-	
	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 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				
	June 1964		<b>13.43</b>	<b>1.92</b>	<b>0.85</b>		<b>13.43</b>	<b>1.92</b>	<b>0.85</b>				
	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. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE						
June 1964		<b>80**</b>	<b>1,480</b>	<b>1,480</b>	<b>14.3</b>	<b>100</b>							

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

Geology - deep loess overlying basalt rock.

Soils - Athena-Calouse-Staley Association.

Land Use - small grain-fallow rotation 100%

48. AGENCY MAKING SURVEY Soil Conservation Service

49. AGENCY SUPPLYING DATA Soil Conservation Service

50. DATE July 1969