

RESERVOIR SEDIMENT
DATA SUMMARY

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Lake Dabinawa

31-66

SCS 34 Rev. 6-66

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER <u>Lake Dabinawa Community</u>				2. STREAM <u>Mud Creek</u>		3. STATE <u>Kansas</u>							
	4. SEC. <u>36</u> TWP. <u>10</u> RANGE <u>19</u>			5. NEAREST P.O. <u>Lawrence, KS</u>		6. COUNTY <u>Jefferson</u>								
	7. LAT. <u>39° 07' 54" N</u> LONG. <u>95° 14' 26" W</u>			8. TOP OF DAM ELEVATION <u>-</u>		9. SPILLWAY CREST ELEV. <u>1001.5</u>								
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										12/58			
	b. MULTIPLE USE										16. DATE NORMAL OPER. BEGAN			
	c. POWER										12/58			
	d. WATER SUPPLY													
	e. IRRIGATION													
	f. CONSERVATION				83.0		1060		1060					
g. INACTIVE														
WATERSHED	17. LENGTH OF RESERVOIR				MILES		AV. WIDTH OF RESERVOIR				MILES			
	18. TOTAL DRAINAGE AREA				3.60		SQ. MI.		22. MEAN ANNUAL PRECIPITATION				35 INCHES	
	19. NET SEDIMENT CONTRIBUTING AREA				3.47		SQ. MI.		23. MEAN ANNUAL RUNOFF				6.0 INCHES	
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF				1151.93 AC.-FT.	
	21. MAX. ELEV.			MIN. ELEV.			25. ANNUAL TEMP. MEAN RANGE							
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.				
	12/58		0	0	-	-	-	930.8		0.85				
	6/59 ^{1/2}		.5	.5	-	-	83.0	1060		0.92				
	6/74		15.5	16.0	Range (D)	11	83.0	940		0.82				
	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						
	6/74		120.00	7.74	2.23	120.00	7.5	2.20						
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						
6/74		70*	3401.2	3294.9	0.708	11.32								

