

**RESERVOIR SEDIMENT
DATA SUMMARY**
SCS-34 Rev. 6-62

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Dodd
NAME OF RESERVOIR

32-26

DATA SHEET NO.

Trib. of Dutch Creek

DAM	1. OWNER Carl Dodd			2. STREAM Un-named trib.			3. STATE Kansas					
	4. SEC. 32 TWP. 5 RANGE 11			5. NEAREST TOWN Centralia			6. COUNTY Nemaha					
	7. STREAM BED ELEVATION 76.5*			8. TOP OF DAM ELEVATION 100.0*			9. SPILLWAY CREST ELEV. 97.0*					
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. MULTIPLE USE					October 1 1953						
	b. FLOOD CONTROL											
	c. POWER											
	d. WATER SUPPLY	92.5*	8.03	74.07	74.07	16. DATE NORMAL OPER. BEGAN						
	e. IRRIGATION					October 1 1953						
	f. CONSERVATION											
	g. SEDIMENT											
h. INACTIVE												
17. LENGTH OF RESERVOIR			0.20 MILES			AV. WIDTH OF RESERVOIR			0.7 MILES			
WATERSHED	18. TOTAL DRAINAGE AREA			0.64 SQ. MI.			22. MEAN ANNUAL PRECIPITATION			30* INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA			0.63 SQ. MI.			23. MEAN ANNUAL RUNOFF			INCHES		
	20. LENGTH 1.0 MILES			AV. WIDTH 0.6 MILES			24. MEAN ANNUAL RUNOFF			AC.-FT.		
	21. MAX. ELEV.			MIN. ELEV.			25. CLIMATIC CLASSIFICATION					
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.				
	5-3-62	8.6	8.6	Range	9	8.03	74.07 65.34	117.57 103.71				
	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 SEDIMENT DEPOSITS 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					
	5-3-62	8.73	1.02	1.62	8.73	1.02	1.62					
	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. AN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE					
5-3-62	53.2(2)	1878	1878	1.37	11.79							

TE = 96%

* 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															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA Soil Conservation Service															
50. DATE 7-1-62															