

RESERVOIR SEDIMENT
DATA SUMMARY

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Michael Pavicich Reservoir

NAME OF RESERVOIR

31 - 68

DATA SHEET NO.

SCS-34 Rev. 6-66

DAM	1. OWNER <u>Michael Pavicich</u>		2. STREAMtrib to <u>Betts Cr</u>		3. STATE <u>Kansas</u>			
	4. SEC. <u>14</u> TWP. <u>11-S</u> RANGE <u>23-E</u>		5. NEAREST P.O. <u>Edwardsville, KS</u>		6. COUNTY <u>Wyandotte</u>			
	7. LAT. <u>39° 05' 48"</u> LONG. <u>94° 50' 01"</u>		8. TOP OF DAM ELEVATION <u>-</u>		9. SPILLWAY CREST ELEV. <u>-</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					10/71		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY							
	e. IRRIGATION					16. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION				54.26	54.26	10/71	
	g. INACTIVE							
17. LENGTH OF RESERVOIR			MILES	AV. WIDTH OF RESERVOIR		MILES		
WATERSHED	18. TOTAL DRAINAGE AREA		0.16	SQ. MI.	22. MEAN ANNUAL PRECIPITATION		35	INCHES
	19. NET SEDIMENT CONTRIBUTING AREA		0.16	SQ. MI.	23. MEAN ANNUAL RUNOFF		6.5	INCHES
	20. LENGTH	MILES	AV. WIDTH	MILES	24. MEAN ANNUAL RUNOFF		55.46	AC.-F.T.
	21. MAX. ELEV.		MIN. ELEV.		25. ANNUAL TEMP: MEAN RANGE			
	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.
10/71	0	0	-	-	5.72	54.26	0.98	
7/20/73	1.75	1.75	Range (R)	4	5.72	53.65	0.97	
SURVEY DATA	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	
7/20/73	0.61	0.35	2.18	0.61	0.35	2.18		
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	
	7/20/73	70*	3321.5	3321.5	0.64	1.12		

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															
<p>14% Cropland, St. row 81% Pasture, good 5% Farmstead roads</p>															
48. AGENCY MAKING SURVEY				S.C.S.				50. DATE				7-20-73			
49. AGENCY SUPPLYING DATA															