

**RESERVOIR SEDIMENTATION  
 DATA SUMMARY**

Evers Reservoir  
 NAME OF RESERVOIR

32-6  
 DATA SHEET NO.

DAM	1. OWNER <u>Maynard Evers</u>			2. RIVER/Trib of <u>Little Blue R.</u>		3. STATE <u>Nebraska</u>										
	4. LONG. <u>S24</u> LAT. <u>T1N</u> RANGE <u>2W</u>			5. NEAREST TOWN <u>Hubbell</u>		6. COUNTY <u>Thayer</u>										
	7. STREAM BED ELEV. <u>90.6</u>			8. TOP OF DAM ELEV. <u>103</u>		9. SPILLWAY CREST ELEV. <u>100.0*</u>										
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. SURFACE AREA ACRES		13. STORAGE ACRE- FEET		14. ACCUMULATED ACRE- FEET		15. DATE STORAGE BEGAN					
	a. FLOOD CONTROL										1937					
	b. POWER															
	c. WATER SUPPLY		<u>100</u>		<u>2.241</u>		<u>8.058</u>		<u>8.058</u>		16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION										1937					
	e. CONSERVATION															
	f. INACTIVE															
WATERSHED	17. LENGTH OF RESERVOIR				<u>0.152</u> MILES		14. AV. WIDTH OF RESERVOIR				<u>0.026</u> FEET					
	18. TOTAL DRAINAGE AREA ( <u>112 Ac</u> )				<u>0.175</u> SQ. MI.		22. MEAN ANNUAL PRECIPITATION				<u>26.68</u> INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA				<u>0.171</u> SQ. MI.		23. MEAN ANNUAL RUNOFF				INCHES					
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF		AC.-FT.					
	21. MAX. ELEV.		MIN. ELEV.		<u>90.6</u>		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.	
	1937		0		0		-		-		2.241		8.058		46.05	
	1958		21		21		Range Detailed		9		2.241		2.301		13.15	
	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			
	1958		5.757		0.274		1.566		5.757		0.274		1.566			
			0.480 1/		0.023		0.131		0.480		0.023		0.131			
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. ANNUAL		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE				
Aug. 1958		65 2/		2217 185 1/		2217 185		3.4 71.4								

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