

U.S. DEPARTMENT OF AGRICULTURE
**RESERVOIR SEDIMENTATION
DATA SUMMARY**

Blazor Lake
NAME OF RESERVOIR

SOIL CONSERVATION SERVICE
2140
DATA SHEET NO.

DAM	1. OWNER			2. RIVER Trib to Sandy Cr.		3. STATE Ohio									
	4. SEC.		TWP.	RANGE		5. NEAREST TOWN Minerva		6. COUNTY Carroll							
	7. STREAM BED ELEV.			8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV.								
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										1931				
	b. POWER														
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN				
	d. IRRIGATION														
	e. CONSERVATION				0.1		0.15		0.15						
	f. INACTIVE														
17. LENGTH OF RESERVOIR					MILES		AV. WIDTH OF RESERVOIR					MILES			
WATERSHED	18. TOTAL DRAINAGE AREA				0.07		SQ. MI.		22. MEAN ANNUAL PRECIPITATION				INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA				0.07		SQ. MI.		23. MEAN ANNUAL RUNOFF				INCHES		
	20. LENGTH			MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF				AQ.-FT.	
	21. MAX. ELEV.			MIN. ELEV.			25. CLIMATIC CLASSIFICATION						Humid		
	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.
1931		-		-		-		-		0.1		0.15		2	
1938		7		7		-		-		-		0.		0.	
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		d. MEAN ANNUAL		e. TOTAL TO DATE			
SURVEY DATA	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		d. TOTAL TO DATE		e. AV. ANNUAL		f. PER SQ. MI.-YEAR		
	1938		0.15		0.02		0.29		0.15		0.02		0.29		
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		c. AV. ANNUAL		d. TOT. TO DATE		e. PERIOD		f. TOT. TO DATE			
1938		65.*		410		410		14.3		100%		-			

*Estimated

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
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

Land Use: Cultivated 5%; Pasture 35%; Woods 60%

48. AGENCY SUPPLYING DATA Bulletin 24
Ohio Division of Water

49. DATE June 1955