

RESERVOIR SEDIMENTATION
DATA SUMMARY

Braden Lake

NAME OF RESERVOIR

21 - 41

DATA SHEET NO.

DAM	1. OWNER			2. RIVER Tib 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 GREST 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										1930				
	b. POWER														
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN				
	d. IRRIGATION														
	e. CONSERVATION				0.1		0.11		0.11						
	f. INACTIVE														
17. LENGTH OF RESERVOIR					MILES		AV. WIDTH OF RESERVOIR					MILES			
WATERSHED	18. TOTAL DRAINAGE AREA				0.12		SQ. MI.		22. MEAN ANNUAL PRECIPITATION				INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA				0.12		SQ. MI.		23. MEAN ANNUAL RUNOFF				INCHES		
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF				AC.- FT.		
	21. MAX. ELEV.			MIN. ELEV.			25. CLIMATIC CLASSIFICATION								
	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.
1930		0		0						0.1		0.11		0.92	
1938		8		8								0.00		0.00	
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		d. MEAN ANNUAL		e. 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		d. TOTAL TO DATE		e. AV. ANNUAL		f. PER SQ. MI.- YEAR		
1938		0.11		0.01		0.08		0.11		0.01		0.08			
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		
1938		65.0		113.3		113.3		25%		100%					

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

Land Use: Cultivated 0%; Idle 0%; Pasture 70%; Woods 30%

48. AGENCY SUPPLYING DATA Bulletin 24 49. DATE June 1955
Ohio Division of Water