

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Caldwell Lake

NAME OF RESERVOIR

19-17

DATA SHEET NO.

DAM	1. OWNER State of Ohio-Div. of Pks			2. RIVER Trib. of Stoney Creek			3. STATE Ohio								
	4. SEC. TWP. Franklin RANGE			5. NEAREST TOWN Waberly			6. COUNTY Ross								
	7. STREAM BED ELEV. 697			8. TOP OF DAM ELEV. 725			9. SPILLWAY CREST ELEV. 718								
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														
	d. IRRIGATION										16. DATE NORMAL OPER. BEGAN				
	e. CONSERVATION		718		10.25		88.1		88.1		1937				
	f. INACTIVE														
17. LENGTH OF RESERVOIR 0.25 MILES						AV. WIDTH OF RESERVOIR 0.07 MILES									
WATERSHED	18. TOTAL DRAINAGE AREA 1.02 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 39.5 (25 yrs.) INCHES										
	19. NET SEDIMENT CONTRIBUTING AREA 1.00 SQ. MI.				23. MEAN ANNUAL RUNOFF 13 (est.) (9 yrs.) INCHES										
	20. LENGTH 1.0 MILES		AV. WIDTH 1.0 MILES		24. MEAN ANNUAL RUNOFF 707 AC.-FT.										
	21. MAX. ELEV. 1060		MIN. ELEV. 700		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.
1937		-		-		-		-		±0		88		86	
Sept. 14, 1949		12		12		R. Detailed		7		10		85		83	
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		b. TOTAL TO DATE			
Sept. 14, 1949		39.0		-		-		-		-		-			
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		b. AV. ANNUAL		c. PER SQ. MI.-YEAR		
Sept. 14, 1949		3.04			0.253		0.253		3.04		0.253		0.253		
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			
Sept. 14, 1949		60 est.		331		331		0.29		3.45		-		-	