

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Loramie Lake

19-41

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER State of Ohio-Div. of Parks		2. RIVER Loramie Creek		3. STATE Ohio		
	4. SEC. (McLean Twp) TWP. 85 RANGE 5 E		5. NEAREST TOWN Ft. Loramie		6. COUNTY Shelby		
	7. STREAM BED ELEV. 950		8. TOP OF DAM ELEV. -		9. SPILLWAY CREST ELEV. 955		
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. SURFACE AREA ACRES		
	a. FLOOD CONTROL						
	b. POWER						
	c. WATER SUPPLY		-		0		
	d. IRRIGATION				0		
	e. CONSERVATION		955		786		
	f. INACTIVE				4115		
WATERSHED	13. STORAGE ACRE- FEET		14. ACCUMULATED ACRE- FEET		15. DATE STORAGE BEGAN		
	17. LENGTH OF RESERVOIR 5.1 MILES		AV. WIDTH OF RESERVOIR .24 MILES		16. DATE NORMAL OPER. BEGAN		
	18. TOTAL DRAINAGE AREA 78.7 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 35.5 INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA 77.4 SQ. MI.		23. MEAN ANNUAL RUNOFF 9.9 INCHES				
	20. LENGTH 15.0 MILES AV. WIDTH 5.25 MILES		24. MEAN ANNUAL RUNOFF 41553.60 AC.-FT.				
	21. MAX. ELEV. 1070 MIN. ELEV. 950		25. CLIMATIC CLASSIFICATION Humid				
SURVEY DATA	26. DATE OF SURVEY		27. PERIOD YEARS		28. ACCL. YEARS		
	1840		120		120		
	1960				Range Recon.		
					10		
					786		
					4115		
					3115		
					50.09		
					39.6		
26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW ACRE- FEET		36. WATER INFL. TO DATE AC-FT.	
1960				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.			
1960		a. PERIOD TOTAL b. AV. ANNUAL c. PER SQ. MI.-YEAR		a. TOTAL TO DATE b. AV. ANNUAL c. PER SQ. MI.-YEAR			
		1000 8.3 .11		1000 8.3 .11			
26. DATE OF SURVEY		39. AV. DRY WGT. LBS. PER CU. FT.		40. SED. DEP. TONS PER SQ. MI.-YR.		41. STORAGE LOSS PCT.	
1960		65 (est)		a. PERIOD b. TOTAL TO DATE		a. AV. ANNUAL b. TOT. TO DATE	
				156 156		0.20% 24.3%	

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

48. AGENCY SUPPLYING DATA Ohio Division of Water

49. DATE September 20, 1961