

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Hargus Lake  
NAME OF RESERVOIR

19 - 44  
DATA SHEET No.

DAM	1. OWNER State of Ohio-Div. of Parks			2. RIVER Hargus Creek			3. STATE Ohio									
	4. SEC. 10 TWP. 11 N RANGE 21 W (Washington Twp)			5. NEAREST TOWN Circleville			6. COUNTY Pickaway									
	7. STREAM BED ELEV. 780			8. TOP OF DAM ELEV. -			9. SPILLWAY CREST ELEV. 822									
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					
	d. FLOOD CONTROL										1956					
	b. POWER															
	c. WATER SUPPLY		-				0		0		16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION		822		145		2926		2926		1956					
	f. INACTIVE															
WATERSHED	17. LENGTH OF RESERVOIR .95 MILES				AV. WIDTH OF RESERVOIR .24 MILES											
	18. TOTAL DRAINAGE AREA 6.60 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 41.0 INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA 6.40 SQ. MI.				23. MEAN ANNUAL RUNOFF 12.4 INCHES											
	20. LENGTH 2.65 MILES		AV. WIDTH 2.41 MILES		24. MEAN ANNUAL RUNOFF 4,360 AG.-FT.											
	21. MAX. ELEV. 1090		MIN. ELEV. 780		25. CLIMATIC CLASSIFICATION Humid											
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 AG.-FT. PER SQ. MI.	
	1956										2926		443			
	1960		4		4		Range Recon.		6		145		2892		438	
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW ACRE- FEET				36. WATER INFL. TO DATE AG.-FT.							
					a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		d. MEAN ANNUAL		e. TOTAL TO DATE.			
	1960															
	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			
	1960		34.0		8.51		1.33		34.0		8.51		1.33			
	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		
1960		50 (est)		1450		1450		0.29%		1.16%						

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