

RESERVOIR SEDIMENTATION
DATA SUMMARY

Eagle Creek

22-5

Tributary arm of Auglaize River Power Reservoir

DATA SHEET NO.

DAM	1. OWNER			2. RIVER Eagle Creek			3. STATE Ohio									
	4. SEC.		TWP.		RANGE		5. NEAREST TOWN 3SW Defiance			6. COUNTY Defiance						
	7. STREAM BED ELEV.						8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV. 690.5						
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										1912					
	b. POWER															
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION		690.5		20.3		129		129		1912					
f. INACTIVE																
17. LENGTH OF RESERVOIR						MILES			AV. WIDTH OF RESERVOIR			MILES				
WATERSHED	18. TOTAL DRAINAGE AREA				5.23		SQ. MI.		22. MEAN ANNUAL PRECIPITATION				34.8 (25Yr.)		INCHES	
	19. NET SEDIMENT CONTRIBUTING AREA				5.20		SQ. MI.		23. MEAN ANNUAL RUNOFF						INCHES	
	20. LENGTH		MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF				490 AF/sq.mi.		AC.-FT.	
	21. MAX. ELEV.				MIN. ELEV.				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 AC.-FT. PER SQ. MI.	
	1912		-		-		-		-		20.3		129		25	
	July 1951		39		39		Range(D)		12		20.3		74		14	
	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		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.									
			a. PERIOD TOTAL		b. AV. ANNUAL		c. PER SQ. MI.-YEAR		a. TOTAL TO DATE		b. AV. ANNUAL		c. PER SQ. MI.-YEAR			
	July 1951		54.6		1.40		0.27		54.6		1.40		0.27			
	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		
July 1951		59.0		347		347		1.09		42.3		-		-		

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 June 28, 1954					