

Clear Fork Reservoir
 NAME OF RESERVOIR

1. OWNER City of Mansfield		2. SOURCE Clear Fork		3. STATE Ohio				
4. SEC. 11 TWP. 20 N. RANGE 19 W		5. NE. 1/4 Sec. 12 Lexington		6. COUNTY Richland				
7. STREAM FLOW ELEVATION 1176		8. TOP OF DAM ELEVATION 1214		9. SPILLWAY CREST ELEV. 1202				
RESERVOIR	10. STORAGE ALLOCATION	11. ELEV. OF TOP OF POOL	12. SURFACE SURFACE AREA ACRES	13. USUAL CAPACITY ACRES-FEET	14. GROSS STORAGE ACRES-FEET	15. DATE STORAGE BEGAN		
	a. MULTIPLE USE							
	b. FLOOD CONTROL					Oct. 1948		
	c. POWER							
	d. WATER SUPPLY	1202	1010	13,176	13,176			
	e. IRRIGATION							
	f. CONSERVATION							
	g. SEDIMENT					1949		
	h. INACTIVE							
WATERWAYS	17. LENGTH OF RESERVOIR 3.5 MILES		18. AV. WIDTH OF RESERVOIR 0.45 MILES					
	19. TOTAL DRAINAGE AREA 33.63 SQ. MI.		20. MEAN ANNUAL PRECIPITATION 38.0 (30) INCHES					
	21. NET SEDIMENT CONTRIBUTION AREA 32.05 SQ. MI.		22. MEAN ANNUAL RUNOFF 13.0 (30) INCHES					
	23. LENGTH 7.5 MILES		24. MEAN ANNUAL RUNOFF 23,320 ACRES-FT.					
	25. MAX. ELEV. 1510		26. MIN. ELEV. 1176		27. CLIMATIC CLASSIFICATION Humid			
SURVEY DATA	28. DATE OF SURVEY	29. PERIOD YEARS	30. ACQ. YEARS OF SURVEY	31. TYPE	32. NO. OF RANGES OR CONTOUR INT.	33. SURFACE AREA ACRES	34. CAPACITY ACRES-FEET	35. C/D/R RATIO ACRES-FEET PER SQ. MI.
	Oct. 1948					1010	13,176	392
	Aug. 1956	8.0	8.0	D. Range	17	1010	12,806	383
	July 1962	6.0	14.0	D. Range	17	1010	12,731	378
	26. DATE OF SURVEY	36. PERIOD ANNUAL PRECIPITATION	37. DAILY WATER INFLOW ACRES-FEET			38. WATER INFLO TO DATE ACRES-FEET		
			a. MEAN ANNUAL	b. MEAN ANNUAL	c. PERIOD TOTAL	d. MEAN ANNUAL	e. TOTAL TO DATE	
	Aug. 1956	39.0						
	July 1962	36.7						
	26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRES-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRES-FEET			
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI. PER YEAR	d. TOTAL TO DATE	e. AV. ANNUAL	f. PER SQ. MI. PER YEAR	
Aug. 1956	290	36.2	1.13	290	36.2	1.13		
July 1962	155	25.8	0.806	445	31.8	0.992		
29. DATE OF SURVEY	39. AV. DRY LOSS LBS. PER CU. FT.	40. LOSS DEPOSITS PER SQ. MI. PER YEAR		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM		
		a. PERIOD	b. TOTAL TO DATE	c. AV. ANNUAL	d. TOTAL TO DATE	e. PERIOD	f. TOTAL TO DATE	
Aug. 1956				0.27	2.20			
July 1962				0.24	3.38			

23. 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
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 MAKING SURVEY Ohio Division of Water (SCS did most of field work in 1956)
 49. AGENCY SUPPLYING DATA Ohio Division of Water
 50. DATE April 15, 1968