

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-62

Findley Lake

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

21-53

DATA SHEET NO.

State of Ohio

1. OWNER Dept. of Pks. & Recreation		2. STREAM Wellington Creek		3. STATE Ohio	
4. SEC. 18 W		5. NEAREST TOWN Wellington		6. COUNTY Lorain	
7. STREAM BED ELEVATION 850		8. TOP OF DAM ELEVATION		9. SPILLWAY CREST ELEV. 880.0	
10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA ACRES	
13. ORIGINAL CAPACITY ACRE-Feet		14. GROSS STORAGE ACRE-Feet		15. DATE STORAGE BEGAN	
a. MULTIPLE USE				Mar. 5, 1956	
b. FLOOD CONTROL					
c. POWER					
d. WATER SUPPLY				16. DATE NORMAL OPER. BEGAN	
e. IRRIGATION				Mar. 1956	
f. CONSERVATION		880.0		82.6	
g. SEDIMENT				760.4	
h. INACTIVE				760.4	
17. LENGTH OF RESERVOIR 1.14 MILES		18. AV. WIDTH OF RESERVOIR 0.11 MILES			
19. TOTAL DRAINAGE AREA 6.25 SQ. MI.		20. MEAN ANNUAL PRECIPITATION 35.0 (30) INCHES			
21. NET SEDIMENT CONTRIBUTING AREA 6.12 SQ. MI.		22. MEAN ANNUAL RUNOFF 12.0 (30) INCHES			
23. LENGTH 0.78 MILES		24. AV. WIDTH 0.92 MILES		25. MEAN ANNUAL RUNOFF 4,000 AC.-FT.	
26. MAX. ELEV. 1139		27. MIN. ELEV. 856		28. CLIMATIC CLASSIFICATION Humid	
29. DATE OF SURVEY		30. PERIOD YEARS		31. ACCL. YEARS	
32. TYPE OF SURVEY		33. NO. OF RANGES OR CONTOUR INT.		34. SURFACE AREA ACRES	
35. CAPACITY ACRE-Feet		36. C.W. FAT AC.-FT. PER SQ. MI.			
Mar. 5, 1956		D. Range		18	
June, 1961		5.6		5.6	
		D. Range		18	
				82.6	
				760.4	
				122	
				82.6	
				745.5	
				119	
37. DATE OF SURVEY		38. PERIOD ANNUAL PRECIPITATION		39. PERIOD WATER INFLOW ACRE-Feet	
June 1961		7.1		a. MEAN ANNUAL	
				b. MAX. ANNUAL	
				c. PERIOD TOTAL	
				a. MEAN ANNUAL	
				b. TOTAL TO DATE	
40. DATE OF SURVEY		41. PERIOD SEDIMENT DEPOSITS ACRE-Feet		42. TOTAL SED. DEPOSITS TO DATE ACRE-Feet.	
June 1961		a. PERIOD TOTAL		b. AV. ANNUAL	
		c. PER SQ. MI.-YEAR		a. TOTAL TO DATE	
		b. AV. ANNUAL		c. PER SQ. MI.-YEAR	
		14.9		2.66	
		0.435		14.9	
		2.66		2.66	
		0.435		0.435	
43. DATE OF SURVEY		44. AV. DRY WGT. LBS. PER CU. FT.		45. SED. DEP. TONS PERSQ. MI.-YR.	
June 1961		a. PERIOD		b. TOTAL TO DATE	
		a. AV. AN.		b. TOT. TO DATE	
		a. PERIOD		b. TOT. TO DATE	
				0.35	
				1.96	

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 MAKING SURVEY Ohio Division of Water
 49. AGENCY SUPPLYING DATA Ohio Division of Water
 50. DATE April 15, 1968