

**RESERVOIR SEDIMENTATION
DATA SUMMARY**

Lake Milton
NAME OF RESERVOIR

SOIL CONSERVATION SERVICE
21 - 43
DATA SHEET NO.

DAM	1. OWNER			2. RIVER <u>Mahoning River</u>		3. STATE <u>Ohio</u>											
	4. SEC. <u>TWP.</u>		RANGE		5. NEAREST TOWN <u>Milton</u>		6. COUNTY <u>Mahoning</u>										
	7. STREAM BED ELEV.			8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV. <u>951</u>										
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										1916						
	b. POWER																
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN						
	d. IRRIGATION																
	e. CONSERVATION																
	f. INACTIVE				<u>1685</u>		<u>28100</u>		<u>28100</u>								
17. LENGTH OF RESERVOIR					MILES		AV. WIDTH OF RESERVOIR					MILES					
WATERSHED	18. TOTAL DRAINAGE AREA <u>280</u>				SQ. MI.		22. MEAN ANNUAL PRECIPITATION						INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA <u>277.4</u>				SQ. MI.		23. MEAN ANNUAL RUNOFF						INCHES				
	20. LENGTH			MILES			AV. WIDTH			MILES			24. MEAN ANNUAL RUNOFF			AC.-FT.	
	21. MAX. ELEV.				MIN. ELEV.				25. CLIMATIC CLASSIFICATION								
	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.		
1916		0		0		-		-		1685		28100		100.			
1941		25		25		-		-		-		22250		80			
SURVEY DATA	28. 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.				
	28. 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				
1941		5850		234.0		0.84		5850		234.0		0.84					
28. 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					
1941		65.0*		1189		1189		0.83%		20.8%		-					

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
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														
Estimated Trap Efficiency: 84%														
48. AGENCY SUPPLYING DATA										Bulletin 24 Ohio Division of Water				
										49. DATE June 1955				