

**RESERVOIR SEDIMENT
DATA SUMMARY**

SCS-34 Rev. 6-62

Contris Pond^{1/}

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

22-11c
DATA SHEET NO.

DAM	1. OWNER Charles Contris				2. STREAM -				3. STATE Ohio			
	4. SEC. 33 TWP. 3 S RANGE 8 E				5. NEAREST TOWN Lafayette				6. COUNTY Allen			
	7. STREAM BED ELEVATION -				8. TOP OF DAM ELEVATION -				9. SPILLWAY CREST ELEV. -			
RESERVOIR	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										1947	
	b. FLOOD CONTROL											
	c. POWER											
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION											
	f. CONSERVATION				2.59		9.2		9.2		1947	
	g. SEDIMENT											
h. INACTIVE												
WATERSHED	17. LENGTH OF RESERVOIR 0.17 MILES				AV. WIDTH OF RESERVOIR 0.02 MILES							
	18. TOTAL DRAINAGE AREA 0.13 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 35.2 (30) INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 0.13 SQ. MI.				23. MEAN ANNUAL RUNOFF 10 (30) INCHES							
	20. LENGTH 0.64 MILES		AV. WIDTH 0.20 MILES		24. MEAN ANNUAL RUNOFF 69.3 AC.-FT.							
	21. MAX. ELEV. 992		MIN. ELEV. 945		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.			
	1947		-	-	-	-	2.59	9.2	70			
	1951		4	4	D. Range	12	2.59	7.9	60			
	1954		3	7	D. Range	12	2.59	7.4	57			
	1962		8	15	D. Range	12	2.59	6.3	48			
	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		
	1951		39.6									
	1954		31.2									
	1962		36.9									
	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	
	1951		1.33	0.332	2.60		1.33		0.332		2.60	
1954		0.53	0.174	1.36		1.85		0.265		2.07		
1962		1.01	0.126	0.969		2.86		0.191		1.47		
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. AN.	b. TOT. TO DATE	a. PERIOD		b. TOT. TO DATE			
1951		57.8	3270	3270	3.61	14.3						
1954		49.3 (est.) ^{2/}	1460	2500	2.86	20.0						
1962					2.08	31.1						

c/ .13 .11 .10 .09

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

1/ All figures are subject to readjustment because of minor dredging which occurred in 1953.

2/ Period 1951-54

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