

**RESERVOIR SEDIMENTATION
DATA SUMMARY**

Upper Hocking No. 2
NAME OF RESERVOIR

19-39
DATA SHEET NO.

DAM	1. OWNER Hunters Run Conservancy			2. RIVER Hunters Run		3. STATE Ohio		
	4. SEC. 8 TWP. T13N RANGE R19 W			5. NEAREST TOWN Lancaster		6. COUNTY Fairfield		
	7. STREAM BED ELEV. 913.2			8. TOP OF DAM ELEV. 969.0		9. SPILLWAY CREST ELEV. 1/		
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	969.0	38.05	892	948.98	Feb. 1 1957		
	b. POWER					16. DATE NORMAL OPER. BEGAN		
	c. WATER SUPPLY					June 1956		
	d. IRRIGATION							
	e. CONSERVATION							
	f. INACTIVE	932.0	7.79	56.98	56.98			
WATERSHED	17. LENGTH OF RESERVOIR 0.185 MILES			AV. WIDTH OF RESERVOIR 0.066 MILES				
	18. TOTAL DRAINAGE AREA 1.87 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 36.086 INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA 1.87 SQ. MI.		23. MEAN ANNUAL RUNOFF - INCHES					
	20. LENGTH 2.56 MILES		AV. WIDTH 0.73 MILES		24. MEAN ANNUAL RUNOFF - AC.-FT.			
	21. MAX. ELEV. 1220		MIN. ELEV. 913.2		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.
	4-30-56					7.79 (38.05)	56.98 (892)	30.47
	6-2-61	5.0	5	Range (D)	10		51.02	27.28
	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		
	4-30-56							
	6-2-61		3598.90	4076.06	17994.85	-	-	
	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	
	4-30-56							
6-2-61	5.962	1.192	0.637	5.962	1.192	0.637		
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		
4-30-56								
6-2-61	68.237	946.711	946.711	2.09	10.46			

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						
916	0	0												
920	0.69	1.38												
924	3.12	9.00												
928	6.02	27.28												
932	8.83	56.98												
47. REMARKS AND REFERENCES														
1/ Crest of Sediment Pool 932.0														
Crest of high riser 959.0														
Crest of emergency spillway 965.0														
48. AGENCY SUPPLYING DATA Soil Conservation Service, Lancaster, DATE 9/18/61														