

RESERVOIR SEDIMENT DATA SUMMARY

HIRSCH-ROEMKE POND
NAME OF RESERVOIR

22 - 35
DATA SHEET NO.

DAM	1. OWNER Virgil Hirsch				2. STREAM Trib. of BLACK CR.				3. STATE Indiana			
	4. SEC. 5 TWP. 31N RANGE 15E				5. NEAREST P.O. WOODBURN, IN.				6. COUNTY Allen			
	7. LAT. 41° 10' 12" N LONG. 84° 51' 48" W				8. TOP OF DAM ELEVATION 738.7				9. SPILLWAY CREST ELEV. 734.9			
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. FLOOD CONTROL										11-15-73	
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY		733.9		6.0		30.61		30.61		16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION											
	f. CONSERVATION											
g. INACTIVE												
WATERSHED	17. LENGTH OF RESERVOIR 0.341 MILES				AV. WIDTH OF RESERVOIR .027 MILES							
	18. TOTAL DRAINAGE AREA 0.697 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 34.39 INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA 0.688 SQ. MI.				23. MEAN ANNUAL RUNOFF 11 INCHES							
	20. LENGTH 1.55 MILES		AV. WIDTH 0.45 MILES		24. MEAN ANNUAL RUNOFF 409 AC.-FT.							
	21. MAX. ELEV. 750		MIN. ELEV. 725		25. ANNUAL TEMP.: MEAN 50.1° RANGE 40.8° - 59.4°							
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/I. RATIO, AC.-FT. PER AC.-FT.			
	11-15-73		-	-	-	-	6.0	30.61	.075			
	5-18-76		2.5	2.5	Range (D)	16	6.0	29.23	.072			
	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			
					No Data							
	26. DATE OF SURVEY		37. PERIOD CAPACITY LOSS, 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				
	5-18-76		1.38	0.55	0.80	1.38	0.55	0.80				
	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. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE					
5-18-76		55*	961.	961.	1.80	4.5	-					

*Estimated

