

U.S. DEPARTMENT OF AGRICULTURE
RESERVOIR SEDIMENTATION
DATA SUMMARY

GRAHAM LAKE
Unnamed Tributary of

SOIL CONSERVATION SERVICE
17-11
DATA SHEET NO.

DAM	1. OWNER Graham Farms		2. RIVER Veale Creek		3. STATE Indiana		
	4. SEC. SW 31 TWP. 3 N RANGE 6 W		5. NEAREST TOWN Washington		6. COUNTY Daviess		
	7. STREAM BED ELEV. 460+		8. TOP OF DAM ELEV. 482		9. SPILLWAY CREST ELEV. 479		
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					8-1-50	
	b. POWER						
	c. WATER SUPPLY						
	d. IRRIGATION	479	20.0	104.8	104.8	16. DATE NORMAL OPER. BEGAN	
	e. CONSERVATION						
	f. INACTIVE						
17. LENGTH OF RESERVOIR .63		MILES		AV. WIDTH OF RESERVOIR .06		MILES	
WATERSHED	18. TOTAL DRAINAGE AREA .34		SQ. MI.		22. MEAN ANNUAL PRECIPITATION 43.4		INCHES (30)
	19. NET SEDIMENT CONTRIBUTING AREA .31		SQ. MI.		23. MEAN ANNUAL RUNOFF		INCHES
	20. LENGTH 1.5	MILES	AV. WIDTH 1.3	MILES	24. MEAN ANNUAL RUNOFF		AG.-FT.
	21. MAX. ELEV. 500+		MIN. ELEV. 460+		25. CLIMATIC CLASSIFICATION Humid		
	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
8-1-50	-	-	-	-	20.0	104.8	308
8-1-56	6	6	D-R	10	20.0	104.4	307
SURVEY DATA	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE- FEET			36. WATER INFL. TO DATE AG.-FT.	
			a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	a. MEAN ANNUAL	b. TOTAL TO DATE.
	8-1-56	39.4					
	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	
8-1-56	.445	.074	.218	.445	.074	.218	
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
8-1-56	*			0.07%	0.42%		

*Samples not taken as sediment insufficient.

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 SUPPLYING DATA Soil Conservation Service															
49. DATE Oct. 10, 1961															