

U.S. DEPARTMENT OF AGRICULTURE  
RESERVOIR SEDIMENTATION  
DATA SUMMARY

Jones Pond

SOIL CONSERVATION SERVICE  
17-13  
DATA SHEET NO.

DAM	1. OWNER <b>Obediah Jones</b>			2. RIVER Trib. to Flat Creek			3. STATE <b>Indiana</b>									
	4. SEC. 7 TWP. 1 S RANGE 6 W			5. NEAREST TOWN <b>Otwell</b>			6. COUNTY <b>Pike</b>									
	7. STREAM BED ELEV. <b>486*</b>			8. TOP OF DAM ELEV. <b>503*</b>			9. SPILLWAY CREST ELEV. <b>500*</b>									
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															
	b. POWER										10-1-54					
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION		<b>(Grade</b>													
	f. INACTIVE		<b>502 Stab.</b>		<b>1.94</b>		<b>10.7</b>		<b>10.7</b>		<b>11-1-54</b>					
WATERSHED	17. LENGTH OF RESERVOIR <b>Struc.)</b>				<b>.133</b>		MILES		18. AV. WIDTH OF RESERVOIR <b>.03</b> MILES							
	18. TOTAL DRAINAGE AREA				<b>.034</b>		SQ. MI.		19. MEAN ANNUAL PRECIPITATION INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA				<b>.031</b>		SQ. MI.		20. MEAN ANNUAL RUNOFF INCHES							
	20. LENGTH		MILES		AV. WIDTH		MILES		21. MEAN ANNUAL RUNOFF AG-FT.							
	21. MAX. ELEV.		MIN. ELEV.		22. CLIMATIC CLASSIFICATION <b>Humid</b>											
SURVEY DATA	23. DATE OF SURVEY		24. PERIOD YEARS		25. ACCL. YEARS		26. TYPE OF SURVEY		27. NO. OF RANGES OR CONTOUR INT.		28. SURFACE AREA ACRES		29. CAPACITY ACRE- FEET		30. C/W RATIO AC-FT. PER SQ. MI.	
	10-1-54		-		-		-		-		<b>1.94</b>		<b>10.7</b>		<b>314</b>	
	4-4-56		1.5		1.5		D-R		6		<b>1.94</b>		<b>10.6</b>		<b>312</b>	
	23. DATE OF SURVEY		31. PERIOD ANNUAL PRECIPITATION		32. PERIOD WATER INFLOW ACRE- FEET				33. WATER INFL. TO DATE AC-FT.							
					a. MEAN ANNUAL		b. MAX. ANNUAL		c. PERIOD TOTAL		d. MEAN ANNUAL		e. TOTAL TO DATE			
	23. DATE OF SURVEY		34. PERIOD SEDIMENT DEPOSITS ACRE- FEET				35. TOTAL SED. DEPOSITS TO DATE ACRE- FEET.									
			a. PERIOD TOTAL		b. AV. ANNUAL		c. PER SQ. MI.-YEAR		d. TOTAL TO DATE		e. AV. ANNUAL		f. PER SQ. MI.-YEAR			
	4-4-56		.107		.071		2.10		.107		.071		2.10			
	23. DATE OF SURVEY		36. AV. DRY WGT. LBS. PER CU. FT.		37. SED. DEP. TONS PER SQ. MI.-YR.		38. STORAGE LOSS PCT.		39. SED. INFLOW PPM							
		a. PERIOD		b. TOTAL TO DATE		c. AV. ANNUAL		d. TOT. TO DATE		e. PERIOD		f. TOT. TO DATE				
4-4-56						0.67		1.00								

\*Assumed

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