

**RESERVOIR SEDIMENT
DATA SUMMARY**
SCS-34 Rev. 6-62

BODEMAN RESERVOIR
NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

24-29a
DATA SHEET NO.

DAM	1. OWNER Oscar F. Bodeman		2. STREAM Trib. of West Creek		3. STATE Indiana			
	4. SEC. 19 TWP. 34 N RANGE 9 W		5. NEAREST TOWN Brunswick		6. COUNTY Lake			
	7. STREAM BED ELEVATION 671 (Approx.)		8. TOP OF DAM ELEVATION 686		9. SPILLWAY CREST ELEV. 682.6			
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					Aug. 1947		
	b. FLOOD CONTROL							
	c. POWER							
	d. WATER SUPPLY							
	e. IRRIGATION					16. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION	682.6	10.7	52.1	52.1	Sept. 1947		
	g. SEDIMENT							
	h. INACTIVE							
17. LENGTH OF RESERVOIR		0.37	MILES	AV. WIDTH OF RESERVOIR		0.045		
18. TOTAL DRAINAGE AREA		2.73	SQ. MI.	22. MEAN ANNUAL PRECIPITATION		36		
19. NET SEDIMENT CONTRIBUTING AREA		2.39	SQ. MI.	23. MEAN ANNUAL RUNOFF		10 (Approx.)		
20. LENGTH		2.5	MILES	AV. WIDTH		1.1		
21. MAX. ELEV.		759		MIN. ELEV.		671		
				24. MEAN ANNUAL RUNOFF		1458		
				25. CLIMATIC CLASSIFICATION		Humid		
WATERSHED	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. PERSQ. MI.
	9-(27-30)-60	13	13	D.R.	15	10.7	44.8	16.4
	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	
	9-(27-30)-60	36.0 In.						
	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	
	9-(27-30)-60	7.3	0.56	0.23	7.3	0.56	0.23	
	26. DATE OF SURVEY	39. AV. DRY WGT. LBS. PER CU. FT.	40. SED. DEP. TONS PERSQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM	
			a. PERIOD	b. TOTAL TO DATE	a. AV. AN.	b. TOT. TODATE	a. PERIOD	b. TOT. TODATE
9-(27-30)-60	56.7	284	284	0.011	0.140			

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 MAKING SURVEY															
49. AGENCY SUPPLYING DATA Soil Conservation Service															
50. DATE Oct. 10, 1961															