

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Salt Lick Reservoir

NAME OF RESERVOIR

21 - 6

DATA SHEET NO.

DAM	1. OWNER Johnstown Water Co.			2. RIVER Salt Lick Run			3. STATE Pennsylvania									
	4. SEC. - TWP. - RANGE -			5. NEAREST TOWN Johnstown			6. COUNTY Cambria									
	7. STREAM BED ELEV. 1393			8. TOP OF DAM ELEV. 1485			9. SPILLWAY CREST ELEV. 1470									
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										1914					
	b. POWER															
	c. WATER SUPPLY		1470		64		2492		2492		16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION															
	f. INACTIVE										1914					
17. LENGTH OF RESERVOIR About .75 MILES; AV. WIDTH OF RESERVOIR MILES																
WATERSHED	18. TOTAL DRAINAGE AREA 11.86 SQ. MI.				22. MEAN ANNUAL PRECIPITATION INCHES											
	19. NET SEDIMENT CONTRIBUTING AREA 11.76 SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES											
	20. LENGTH MILES; AV. WIDTH MILES				24. MEAN ANNUAL RUNOFF AC.- FT.											
	21. MAX. ELEV.				MIN. ELEV.				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 COTOUR INT.		31. SURFACE AREA ACRES		32. CAPACITY ACRE- FEET		33. C/W RATIO AC.- FT. PER SQ. MI.	
	1914		-		-		-		-		64		2492		210	
	Sept. 30, 1937		23		23		recon		11 meas.		64		2432		205	
	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			
	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			
	Sept. 30, 1937		60		2.6		.22		60		2.6		.22			
	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				
Sept. 30, 1937		60*		287		287		.1		2.4						

\* 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      Region 1, Soil Conservation Service  
 U. S. Dept. of Agriculture      49. DATE July 1950