

**RESERVOIR SEDIMENTATION  
DATA SUMMARY**

Whitehall City Reservoir

24-19

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER City of Whitehall			2. RIVER			3. STATE Ill.																													
	4. SEC. 36 TWP. 12N RANGE 12W			5. NEAREST TOWN Whitehall			6. COUNTY Greene																													
	7. STREAM BED ELEV.			8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV.																													
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										1897																									
	b. POWER																																			
	c. WATER SUPPLY				34		459.3		459.3		16. DATE NORMAL OPER. BEGAN																									
	d. IRRIGATION																																			
	e. CONSERVATION										1897																									
	f. INACTIVE																																			
WATERSHED	17. LENGTH OF RESERVOIR						MILES						AV. WIDTH OF RESERVOIR						MILES																	
	18. TOTAL DRAINAGE AREA						0.97						SQ. MI.						22. MEAN ANNUAL PRECIPITATION						37						INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA						0.92						SQ. MI.						23. MEAN ANNUAL RUNOFF						10.5						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 CONTOUR INT.		31. SURFACE AREA ACRES		32. CAPACITY ACRE- FEET		33. C/W RATIO AC.-FT. PER SQ. MI.																					
	1897		-		-		-		-		34		459.3		474																					
	July 1952		55		55		Detail		-		34		407.7		420																					
	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		d. MEAN ANNUAL		e. 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		d. TOTAL TO DATE		e. AV. ANNUAL		f. PER SQ. MI.-YEAR																							
	July 1952		51.6		0.94		1.02		51.6		0.94		1.02																							
	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																								
July 1952		43.1 (1)		957		957		0.20		11.23		-		-																						

