

U.S. DEPARTMENT OF AGRICULTURE
**RESERVOIR SEDIMENTATION
DATA SUMMARY**

Mountain Street
NAME OF RESERVOIR

SOIL CONSERVATION SERVICE
2-2
DATA SHEET NO.

DAM	1. OWNER			2. RIVER Trib. to Beaver Brook		3. STATE Massachusetts										
	4. SEC. TWP. RANGE		5. NEAREST TOWN Greenfield		6. COUNTY Franklin											
	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										1905					
	b. POWER															
	c. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION															
	f. INACTIVE															
17. LENGTH OF RESERVOIR					MILES		17. AV. WIDTH OF RESERVOIR					MILES				
18. TOTAL DRAINAGE AREA					0.8		SQ. MI.		22. MEAN ANNUAL PRECIPITATION					INCHES		
19. NET SEDIMENT CONTRIBUTING AREA							SQ. MI.		23. MEAN ANNUAL RUNOFF					INCHES		
20. LENGTH			MILES		AV. WIDTH		MILES		24. MEAN ANNUAL RUNOFF					AQ.-FT.		
21. MAX. ELEV.					MIN. ELEV.		25. CLIMATIC CLASSIFICATION									
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.	
	1905 Sept. 1951		---		---		---		---		65.2 65.2		1074.2 1056.1		1342.8 1320.1	
	26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW ACRE- FEET				36. WATER INFL. TO DATE AQ.-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. 1951		18.11		.39		.56		18.11		.39		.56				
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. 1951		50*		609.8		609.8		.04		1.69						

* Assumed

