

RESERVOIR SEDIMENTATION
DATA SUMMARY

Lake Placid

19-1

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER City of Lancaster			2. RIVER Unnamed stream			3. STATE Kentucky									
	4. SEC. - TWP. - RANGE -			5. NEAREST TOWN Lancaster			6. COUNTY Garrard									
	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										Oct. 1902					
	b. POWER															
	c. WATER SUPPLY				8.3		114		114		16. DATE NORMAL OPER. BEGAN					
	d. IRRIGATION															
	e. CONSERVATION															
	f. INACTIVE															
WATERSHED	17. LENGTH OF RESERVOIR					MILES		AV. WIDTH OF RESERVOIR					MILES			
	18. TOTAL DRAINAGE AREA					0.20		SQ. MI.		22. MEAN ANNUAL PRECIPITATION					INCHES	
	19. NET SEDIMENT CONTRIBUTING AREA					0.20		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 CONTOUR INT.		31. SURFACE AREA ACRES		32. CAPACITY ACRE- FEET		33. C _w RATIO AC.-FT. PER SQ. MI.	
	Oct. 1902		-		-		-		-		8.3		114		570	
	Sept. 1941		38.9		38.9		Range Recon.		7		8.3		95		475	
	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			
	Sept. 1941		19.4 1/		0.499		2.50		19.4		0.499		2.50			
	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. 1941						0.44		17.02								

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
1/ Including 19,000 cubic yards dredged in 1930.

Region 2, Soil Conservation Service
U. S. Department of Agriculture

48. AGENCY SUPPLYING DATA Spartanburg, South Carolina 49. DATE October 1950