

RESERVOIR SEDIMENTATION
DATA SUMMARY

Lometa Reservoir

53-12

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER G.C. & S.F. RR.			2. RIVER Salt & Emory Creek			3. STATE Texas								
	4. SEC. - TWP. - RANGE -			5. NEAREST TOWN Lometa			6. COUNTY Lampasas								
	7. STREAM BED ELEV. 1,427			8. TOP OF DAM ELEV.			9. SPILLWAY CREST ELEV. 1,447.5								
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					1912									
	b. POWER														
	c. WATER SUPPLY	1447.5	86.4	759	759	16. DATE NORMAL OPER. BEGAN									
	d. IRRIGATION														
	e. CONSERVATION														
	f. INACTIVE					1912									
17. LENGTH OF RESERVOIR		0.6		MILES		AV. WIDTH OF RESERVOIR		0.3		MILES					
WATERSHED	18. TOTAL DRAINAGE AREA		4.74		SQ. MI.		22. MEAN ANNUAL PRECIPITATION		28 *		INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA		4.60		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		Sub-Humid						
	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.
1912 Feb. 1941		-		-		-		-		86.4 86.4		759 732		160 154	
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								
SURVEY DATA	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									
	Feb. 1941		26.7 0.92 0.20			26.7 0.92 0.20									
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							
Feb. 1941						0.12 3.52		- -							

1/ Railroad datum
* Estimated

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
 Reconnaissance Survey of Sedimentation in Lometa Reservoir, Feb. 1941. Unpublished data.

48. AGENCY SUPPLYING DATA Region 4, Soil Conservation Service 49. DATE January 2, 1951
 U. S. Dept. of Agriculture
 Fort Worth, Texas