

RESERVOIR SEDIMENT

DATA SUMMARY

SCS-34 Rev. 6-66

Tramperos Creek Watershed, Site 2

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

47-16

DATA SHEET NO.

DAM	1. OWNER Ute Creek NRCD			2. STREAM Tramperos Creek			3. STATE New Mexico					
	4. SEC. 15 TWP. 22N RANGE 32E			5. NEAREST P. O. Clapham			6. COUNTY Union					
	7. LAT 36° 8' 36" LONG. 103° 31' 0"			8. TOP OF DAM ELEVATION 4928			9. SPILLWAY CREST ELEV. 4923.6					
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		13. ORIGINAL CAPACITY, ACRE-Feet		14. GROSS STORAGE, ACRE-Feet		15. DATE STORAGE BEGAN	
	a. FLOOD CONTROL		4928		96		474		635		1-24-61	
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION											
	f. CONSERVATION		4912.6		23		161		161		1-24-61	
g. INACTIVE												
17. LENGTH OF RESERVOIR					0.90 MILES		AV. WIDTH OF RESERVOIR			0.17 MILES		
WATERSHED	18. TOTAL DRAINAGE AREA				10.7 SQ. MI.		22. MEAN ANNUAL PRECIPITATION				16 INCHES	
	19. NET SEDIMENT CONTRIBUTING AREA				10.6 SQ. MI.		23. MEAN ANNUAL RUNOFF				0.21 INCHES	
	20. LENGTH 5.9 MILES		AV. WIDTH 1.8 MILES		24. MEAN ANNUAL RUNOFF				114 AC.-FT.			
	21. MAX. ELEV. 5800		MIN. ELEV. 4600		25. ANNUAL TEMP: MEAN 53				RANGE -20° to 102° F			
	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/I. RATIO, AC.-FT. PER AC.-FT.
1-61		0	0	Contour		4	96		635		5.56	
6-28-72		11.5	11.5	Range		30			621.46		5.45	
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 CAPACITY LOSS, 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	
	6-28-72		1354	1.18	0.11		13.54		1.18		0.11	
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. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE			
6-28-72						0.185	2.13					

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, 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
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.							
Dry pool maintained														
46. ELEVATION-AREA-CAPACITY DATA														
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY						
47. REMARKS AND REFERENCES														
Additional Data will be furnished as acquired with subsequent surveys. 1/ Approximate														
48. AGENCY MAKING SURVEY Soil Conservation Service										50. DATE 3-8-76				
49. AGENCY SUPPLYING DATA Soil Conservation Service														