

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Cornfield Wash (15)

57-11

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER USDI - BLM			2. RANGES - Trib. of Rio Puerco		3. STATE New Mexico		
	4. SEC. 29 TWP. 19N RANGE 3W			5. NEAREST TOWN Cuba, N. Mex.		6. COUNTY Sandoval		
	7. STREAM BED ELEV. 56.4*			8. TOP OF DAM ELEV. -		9. SPILLWAY CREST ELEV. 64.3*		
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							
	b. POWER							
	c. WATER SUPPLY							
	d. IRRIGATION					16. DATE NORMAL OPER. BEGAN		
	e. CONSERVATION	64.3*	5.52	17.9	17.9			
	f. INACTIVE							
17. LENGTH OF RESERVOIR 0.11 MILES				AV. WIDTH OF RESERVOIR 0.08 MILES				
WATERSHED	18. TOTAL DRAINAGE AREA 1.04 SQ. MI.			22. MEAN ANNUAL PRECIPITATION INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA 1.03 SQ. MI.			23. MEAN ANNUAL RUNOFF 0.05 INCHES				
	20. LENGTH - MILES		AV. WIDTH - MILES		24. MEAN ANNUAL RUNOFF 2.7 AC.-FT.			
	21. MAX. ELEV. 7,020		MIN. ELEV. 6,680		25. CLIMATIC CLASSIFICATION Semi-arid			
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.
	Dec. 1953 Oct. 1960	7 1/2	7	Contour		5.52	17.9 17.8	17.2 17.1
	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	
	Dec. 1953 Oct. 1960	.	2.7	6.8	18.8	2.7	18.8	
	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	
	Dec. 1953 Oct. 1960	0.10	0.01	.01	0.10	0.01	.01	
	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
Dec. 1953 Oct. 1960				.1	.6			

\* Assumed datum

1/ Runoff seasons

