

RESERVOIR SEDIMENTATION
DATA SUMMARY

RESERVOIR NO. 2
NAME OF RESERVOIR

47-2
DATA SHEET NO.

DAM	1. OWNER MAXWELL IRRIGATION CO.				2. RIVER OFFSTREAM		3. STATE NEW MEXICO		
	4. SEC. 6 TWP. 27N RANGE 22E			5. NEAREST TOWN MAXWELL		6. COUNTY GOLFAX			
	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		(YEAR 1946)			1912			
	b. POWER								
	c. WATER SUPPLY								
	d. IRRIGATION	6144.6	372	1836		16. DATE NORMAL OPER. BEGAN			
	e. CONSERVATION								
	f. INACTIVE					1912			
WATERSHED	17. LENGTH OF RESERVOIR				MILES	AV. WIDTH OF RESERVOIR		MILES	
	18. TOTAL DRAINAGE AREA OFFSTREAM				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		AC.-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.	
	1912	0	0			?	3010		
	1946	34	34			372	1836		
	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE- FEET			36. WATER INFL. TO DATE AG-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. PER D TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	d. TOTAL TO DATE	e. AV. ANNUAL	f. PER SQ. MI.-YEAR		
	1912	0	0		0	0			
	1946	1174	34.5		1174	34.5			
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. PERIC	b. TOTAL TO DATE	a. AV. ANNUAL	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE		

26. DATE OF SURVEY

43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION

PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION

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26. DATE OF SURVEY

44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR

PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION

	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
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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

48. AGENCY SUPPLYING DATA

49. DATE _____