

RESERVOIR SEDIMENTATION  
DATA SUMMARY

Dos Cabezas #4 SW  
NAME OF RESERVOIR

60 - 12  
DATA SHEET NO.

DAM	1. OWNER Roy Holland				2. RIVER Trib. of Willcox Dry Lake		3. STATE Arizona													
	4. SEC. 6 TWP. 15S RANGE 27E			5. NEAREST TOWN Dos Cabezas		6. COUNTY Cochise														
	7. STREAM BED ELEV.				8. TOP OF DAM ELEV.		9. SPILLWAY CREST ELEV. 4842.5													
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										1949									
	b. POWER																			
	c. WATER SUPPLY		4842.5		1.11.		6.0				16. DATE NORMAL OPER BEGAN									
	d. IRRIGATION																			
	e. CONSERVATION																			
	f. INACTIVE										1949									
17. LENGTH OF RESERVOIR					MILES			AV. WIDTH OF RESERVOIR				MILES								
WATERSHED	18. TOTAL DRAINAGE AREA				0.6		SQ. MI.		22. MEAN ANNUAL PRECIPITATION				14		INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA				0.6		SQ. MI.		23. MEAN ANNUAL RUNOFF				0.6		INCHES					
	20. LENGTH				2.0		MILES		AV. WIDTH		0.32		MILES		24. MEAN ANNUAL RUNOFF		19.2		AC.-FT.	
	21. MAX. ELEV.				5075		MIN. ELEV.		4842.5		25. CLIMATIC CLASSIFICATION				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.					
	1949 Nov. 1960		11		11		Range		9 Ranges		1.11 1.11		6.0 4.1		10.0 6.8					
	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		b. TOTAL TO DATE.							
	Nov. 1960		14"																	
	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		b. AV. ANNUAL		c. PER SQ. MI.-YEAR							
	Nov. 1960		1.9		.17		0.29		1.9		.17		0.29							
	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					
Nov. 1960		90*		559		559		2.8		31.1										

\*Assumed

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
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

Dos Cabezas Watershed

Soil Conservation Service  
Phoenix, Arizona

48. AGENCY SUPPLYING DATA

49. DATE Dec. 19, 1960