

RESERVOIR SEDIMENTATION  
DATA SUMMARY

"D" MT. #5

60 - 10

NAME OF RESERVOIR

DATA SHEET NO.

DAM	1. OWNER <b>HOWARD</b>			2. RIVER <b>WHITEWATER DRAW</b>			3. STATE <b>ARIZONA</b>																	
	4. SEC. <b>31</b> TWP. <b>23S</b> RANGE <b>28E</b>			5. NEAREST TOWN <b>DOUGLAS</b>			6. COUNTY <b>COCHISE</b>																	
	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																							
	b. POWER										1943													
	c. WATER SUPPLY				0.68		3.0				16. DATE NORMAL OPER. BEGAN													
	d. IRRIGATION																							
	e. CONSERVATION																							
	f. INACTIVE										1943													
WATERSHED	17. LENGTH OF RESERVOIR						MILES			AV. WIDTH OF RESERVOIR			MILES											
	18. TOTAL DRAINAGE AREA						12.3			SQ. MI.			22. MEAN ANNUAL PRECIPITATION			12.2			INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA						12.3			SQ. MI.			23. MEAN ANNUAL RUNOFF			0.51			INCHES					
	20. LENGTH						MILES			AV. WIDTH			MILES			24. MEAN ANNUAL RUNOFF			334			AG.-FT.		
	21. MAX. ELEV.						MIN. ELEV.						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.									
	November 1958		15		15		RANGE		4		0.68		3.0		0.24									
											0.68		2.7		0.22									
	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		a. MEAN ANNUAL		b. TOTAL TO DATE											
	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											
	November 1958		0.34		0.07		0.006		0.34		0.07		0.006											
	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										
November 1958		75*		9.8		9.8		2.27		11.33														

\*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

Constructed 1943, cleaned 1953

**SOIL CONSERVATION SERVICE**  
**TUCSON, ARIZONA**

48. AGENCY SUPPLYING DATA

49. DATE Dec. 20, 1960