

**RESERVOIR SEDIMENTATION
DATA SUMMARY**

"D" MT. POND #6

NAME OF RESERVOIR

60 - 11

DATA SHEET NO.

DAM	1. OWNER HOWARD			2. RIVER WHITEWATER DRAW		3. STATE ARIZONA		
	4. SEC. 32 TWP. 23S RANGE 28E		5. NEAREST TOWN DOUGLAS		6. COUNTY COCHISE			
	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					1941		
	b. POWER							
	c. WATER SUPPLY		0.3	0.8		16. DATE NORMAL OPER. BEGAN		
	d. IRRIGATION							
	e. CONSERVATION							
	f. INACTIVE					1941		
17. LENGTH OF RESERVOIR				MILES	AV. WIDTH OF RESERVOIR			
18. TOTAL DRAINAGE AREA		5.68	SQ. MI.	22. MEAN ANNUAL PRECIPITATION		12.2	INCHES	
19. NET SEDIMENT CONTRIBUTING AREA		5.68	SQ. MI.	23. MEAN ANNUAL RUNOFF		0.51	INCHES	
20. LENGTH		MILES	AV. WIDTH	MILES	24. MEAN ANNUAL RUNOFF		154 AC.-FT.	
21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION Semi-arid				
WATERSHED	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.
	1941 November 1958	16	16	RANGE	4	0.3 0.3	0.8 0.6	0.14 0.12
SURVEY DATA	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	
SURVEY DATA	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	
SURVEY DATA	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	4.4	26.3		

*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	-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 1941, cleaned 1952.

48. AGENCY SUPPLYING DATA **Soil Conservation Service
Tucson, Arizona**

49. DATE Dec. 20, 1960