

RESERVOIR SEDIMENT
DATA SUMMARY

Granite Basin

60-45

DATA SHEET NO.

DAM	1. OWNER U. S. Forest Service				2. STREAM Mint Wash				3. STATE Arizona															
	4. SEC. 2		TWP. 14N		RANGE 3W		5. NEAREST P.O. Prescott 7NW				6. COUNTY Yavapai													
	7. LAT. 112°33'				" LONG 34° 37'				8. TOP OF DAM ELEVATION				9. SPILLWAY CREST ELEV.											
RESERVOIR	10. STORAGE ALLOCATION				11. ELEVATION TOP OF POOL				12. ORIGINAL SURFACE AREA, ACRES				13. ORIGINAL CAPACITY, ACRE-Feet				14. GROSS STORAGE, ACRE-Feet				15. DATE STORAGE BEGAN			
	a. FLOOD CONTROL																1939							
	b. MULTIPLE USE																16. DATE NORMAL OPER. BEGAN							
	c. POWER																1940							
	d. WATER SUPPLY																							
	e. IRRIGATION																							
	f. CONSERVATION																							
WATERSHED	17. LENGTH OF RESERVOIR 0.23 MILES								AV. WIDTH OF RESERVOIR 0.15 MILES															
	18. TOTAL DRAINAGE AREA 4.69 SQ. MI.								22. MEAN ANNUAL PRECIPITATION 18.7 INCHES															
	19. NET SEDIMENT CONTRIBUTING AREA 4.69* SQ. MI.								23. MEAN ANNUAL RUNOFF 1.10* INCHES															
	20. LENGTH 1.75 MILES				AV. WIDTH 2.68 MILES				24. MEAN ANNUAL RUNOFF 275 AC.-FT.															
	21. MAX. ELEV. 7,100'				MIN. ELEV. 5,575'				25. ANNUAL TEMP: MEAN RANGE															
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/I. RATIO, AC.-FT. PER AC.-FT.									
	1939 orig. survey		-		0		Contour D		5'		10.3		89		0.32									
	8/67		28		28		Contour R		5'		8.1		58		0.21									
	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											
	1939		--		--		--		--		--		--											
	8/67		--		--		--		--		--		--											
	26. DATE OF SURVEY		37. PERIOD CAPACITY LOSS, 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											
	1939		---		---		---		0		--		--											
8/67		31		1.11		0.236		31		1.11		0.236												
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. ANN.		b. TOT. TO DATE		a. PERIOD		b. TOT. TO DATE										

*assumed

25. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET BELOW, AND ABOVE, 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

48. AGENCY MAKING SURVEY *Forest Service*
 49. AGENCY SUPPLYING DATA
 50. DATE 10/5/71