

RESERVOIR SEDIMENT
DATA SUMMARY

S-34 Rev. 6-66

Pouquette Tank

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

60-49

DATA SHEET NO.

DAM	1. OWNER George Wellick		2. STREAM Trib. Cemetery Wash		3. STATE Arizona			
	4. SEC. 31 TWP. 7N RANGE 5W		5. NEAREST P. O. Wickenburg		6. COUNTY Maricopa			
	7. LAT. " LONG. "		8. TOP OF DAM ELEVATION		9. SPILLWAY CREST ELEV. 100.0*1			
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					5-65 *2		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY	100.0 *1	.42	.99	.99		16. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION							
	f. CONSERVATION							
	g. INACTIVE							
WATERSHED	17. LENGTH OF RESERVOIR .038		MILES	AV. WIDTH OF RESERVOIR .018		MILES		
	18. TOTAL DRAINAGE AREA .13		SQ. MI.	22. MEAN ANNUAL PRECIPITATION 10.85		INCHES		
	19. NET SEDIMENT CONTRIBUTING AREA .129		SQ. MI.	23. MEAN ANNUAL RUNOFF .09		INCHES		
	20. LENGTH 1.0	MILES	AV. WIDTH .13	MILES	24. MEAN ANNUAL RUNOFF .62		AC.-FT.	
	21. MAX. ELEV. 3380		MIN. ELEV. 2630		25. ANNUAL TEMP: MEAN 65°F RANGE 30-102°F *3			
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.
	5-65	--	--	--	--	.42	.99	1.59
	12-21-70	5.6	5.6	Range	6	.42	.91	1.46
	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	
	12-21-70	12.05						
	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	
	12-21-70	.075	.013	.10	.075	.013	.10	
	26. DATE OF SURVEY	39. AV. DRY WGT., LBS. PER CU. FT.	40. SED. DEP., TONS PERSQ. 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	
12-21-70	88.2	192	192	1.3	7.6			

26. 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	-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

*1 Assumed
 *2 Reservoir cleaned out May 1965.
 *3 Arizona Climate - Wickenburg, Arizona
 Land Use: 100% rangeland
 Geology : Cretaceous andesitic and rhyolitic flows and tuffs

48. AGENCY MAKING SURVEY **Arizona Watershed Planning Party, Soil Conservation Service**
 49. AGENCY SUPPLYING DATA **Soil Conservation Service** 50. DATE **2-23-71**