

RESERVOIR SEDIMENT  
DATA SUMMARY  
SCS-34 Rev. 6-62

Foote Wash Pond #3  
NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

60 - 25

DATA SHEET NO.

DAM	1. OWNER Bureau of Land Mgmt.			2. STREAM Tributary of Foote Wash		STATE Arizona		
	4. SEC. 35 TWP. 7S RANGE 26E			5. NEAREST TOWN Safford		6. COUNTY Graham		
	7. STREAM BED ELEVATION 3044 *			8. TOP OF DAM ELEVATION -		9. SPILLWAY CREST ELEV. 3049.6 *		
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. MULTIPLE USE					1936*		
	b. FLOOD CONTROL	3049.6 *	11.42	19.10	19.10	1936*		
	c. POWER							
	d. WATER SUPPLY					16. DATE NORMAL OPER. BEGAN		
	e. IRRIGATION							
	f. CONSERVATION							
	g. SEDIMENT					1936*		
h. INACTIVE								
17. LENGTH OF RESERVOIR 0.102 MILES				AV. WIDTH OF RESERVOIR 0.175 MILES				
WATERSHED	18. TOTAL DRAINAGE AREA 0.60 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 8.95 (64) INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA 0.58 SQ. MI.			23. MEAN ANNUAL RUNOFF 0.35* INCHES				
	20. LENGTH 1.3 MILES		AV. WIDTH 0.46 MILES		24. MEAN ANNUAL RUNOFF 11.20 * AC.-F.T.			
	21. MAX. ELEV. 3100 *		MIN. ELEV. 3044*		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.
	1936	-	-	-	-	11.42	19.10	31.83
	1/23/64	28*	28*	Range (D)	4	11.42	17.10	28.50
	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	
	1/23/64	8.44						
	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	
	1/23/64	2.0	0.07	0.12	2.0	0.07	0.12	
	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. AN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE	
1/23/64	76.2 (2)	199	199	0.37	10.47			

\*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  
 6" outlet pipe  
 Emergency spillway has not functioned to date.  
 Land Use in Watershed: 100% Rangeland  
 Geology: 100% Quaternary-Tertiary silt, sand and gravel.

48. AGENCY MAKING SURVEY USDA-SCS, Watershed Planning Party Phoenix, Arizona  
 49. AGENCY SUPPLYING DATA USDA-SCS, Watershed Planning Party  
 50. DATE 2-5-64