

RESERVOIR SEDIMENTATION
DATA SUMMARY

Lower Foote Wash

60- 16

NAME OF RESERVOIR

DATA SHEET NO.

| | | | | | | | | |
|--|--|---|------------------------------------|--|--|-------------------------|---------------------------------|-----------------------------------|
| DAM | 1. OWNER | | | 2. RIVER Foote Wash | | 3. STATE Arizona | | |
| | 4. SEC. 19 TWP. 7S RANGE 26E | | | 5. NEAREST TOWN Safford | | 6. COUNTY Graham | | |
| | 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 | | | | | | | 1936 |
| | b. POWER | | | | | | | |
| | c. WATER SUPPLY | | | | | | | |
| | d. IRRIGATION | | | | | | | 16. DATE NORMAL OPER. BEGAN |
| | e. CONSERVATION | | | | 3.23 | 14.8 | 14.8 | |
| | f. INACTIVE | | | | | | | |
| 17. LENGTH OF RESERVOIR 0.094 MILES | | | | AV. WIDTH OF RESERVOIR 0.075 MILES | | | | |
| WATERSHED | 18. TOTAL DRAINAGE AREA 4.80 SQ. MI. | | | 22. MEAN ANNUAL PRECIPITATION 11 INCHES | | | | |
| | 19. NET SEDIMENT CONTRIBUTING AREA 0.63 1/2 SQ. MI. | | | 23. MEAN ANNUAL RUNOFF .44 INCHES | | | | |
| | 20. LENGTH MILES | | AV. WIDTH MILES | | 24. MEAN ANNUAL RUNOFF AC.-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. |
| | 1936 | - | - | - | - | 3.23 | 14.8 | 3.08 |
| | June, 1958 | 22 | 22 | Range (R) | 3R 24M | 3.23 | 13.0 | See remarks 2.71 |
| | 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 | d. MEAN ANNUAL | e. 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 | d. TOTAL TO DATE | e. AV. ANNUAL | f. PER SQ. MI.-YEAR | |
| | June, 1958 | 1.84 | 0.08 | 0.13 | 1.84 | 0.08 | 0.13 | |
| | 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 | c. AV. ANNUAL | d. TOT. TO DATE | e. PERIOD | f. TOT. TO DATE | |
| June, 1958 | | | | .55 | 12.4 | | | |

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|--|---|------------|----------------|---|------------|------------|----------------|------------------|-------|--------|------|------|------|------|------|
| 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 | | | | | | | |
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| 47. REMARKS AND REFERENCES | | | | | | | | | | | | | | | |
| <p><u>1/</u> This reservoir is downstream from Upper Foote Wash Reservoir. Little or no sediment is contributed from the 4.17 square miles above this dam.</p> | | | | | | | | | | | | | | | |
| 48. AGENCY SUPPLYING DATA | | | | Soil Conservation Service Portland, Oregon | | | | 49. DATE 9/22/61 | | | | | | | |