U.S. DEPARTMENT OF AGRICULTURE

# RESERVOIR SEDIMENTATION DATA SUMMARY

**Upper Foote Wash**
NAME OF RESERVOIR

SOIL CONSERVATION SERVICE
**60-21**
DATA SHEET NO.

## DAM

| | | |
|---|---|---|
| 1. OWNER | 2. RIVER Foote Wash | 3. STATE **Arizona** |
| 4. SEC. 32 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 | | | | | |
| b. POWER | | | | | 1936 |
| c. WATER SUPPLY | | | | | 16. DATE NORMAL OPER. BEGAN |
| d. IRRIGATION | | | | | |
| e. CONSERVATION | | 3.71 | 24.2 | 24.2 | |
| f. INACTIVE | | | | | |

17. LENGTH OF RESERVOIR **0.185** MILES | AV. WIDTH OF RESERVOIR **0.066** MILES

## WATERSHED

| | |
|---|---|
| 18. TOTAL DRAINAGE AREA **4.95** SQ. MI. | 22. MEAN ANNUAL PRECIPITATION **11** INCHES |
| 19. NET SEDIMENT CONTRIBUTING AREA **4.95** 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 | - | - | - | - | 3.71 | 24.2 | 4.89 |
| June, 1958 | 22 | -- | Range (R) | 3 23M | 3.71 | 19.5 | 3.94 |

| 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 |
| | | | | | | |

| 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 |
| June, 1958 | 4.7 | .21 | .04 | 4.7 | 0.21 | .04 |

| 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 |
| June, 1958 | | | | 0.9 | 19.4 | | |

| 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 LENGH 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

48. AGENCY SUPPLYING DATA **Soil Conservation Service Portland, Oregon**

49. DATE Sept. 22, 1961