

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

John Landa (FU 90, B1k, 81)
NAME OF RESERVOIR

75-15

DATA SHEET NO.

DAM	1. OWNER John Landa				2. STREAM		3. STATE Washington							
	4. SEC. TWP. RANGE		5. NEAREST P.O. Moses Lake			6. COUNTY Grant								
	7. LAT. * * * * " LONG. * * * * "		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										1-70			
	b. MULTIPLE USE													
	c. POWER													
	d. WATER SUPPLY										16. DATE NOR-MAL OPER. BEGAN			
	e. IRRIGATION													
	f. CONSERVATION *				0.5						1-70			
WATERSHED	17. LENGTH OF RESERVOIR .02 MILES				AV. WIDTH OF RESERVOIR .001 MILES									
	18. TOTAL DRAINAGE AREA 0.092 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 7.0 INCHES									
	19. NET SEDIMENT CONTRIBUTING AREA 0.092 SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES									
	20. LENGTH 0.2 MILES		AV. WIDTH 0.4 MILES		24. MEAN ANNUAL RUNOFF AC.-FT									
	21. MAX. ELEV.		MIN. ELEV.		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.	
	9-22-70		1	1	Recon.		Random soundings		0.5					
	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 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					
	9-22-70		.074	.074	0.8		.074	.074	0.8					
	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						
9-22-70		60**	1,045	1,045										

* Desilting structure for return irrigation water.
** Estimated.

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

Soils - Royal FsdI.

Crop - Irrigated potatoes.

48. AGENCY MAKING SURVEY Soil Conservation Service

49. AGENCY SUPPLYING DATA Soil Conservation Service

50. DATE October 1970