

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					45 PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION				

45. RANGE IN RESERVOIR OPERATIONS							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFL. AREA	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/ Pond used to collect bedload sediment and organic matter

RESERVOIR SEDIMENT
DATA SUMMARY

Cabin Creek (Cont)

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SCS-34 Rev. 6-66

NAME OF RESERVOIR

78-18

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service				2. STREAM Trib. of Silver Cr.		3. STATE Idaho					
	4. SEC. 30 TWP. 12N RANGE 6E			5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley						
	7. LAT. 44° 20' 50" LONG. 115° 48' "				8. TOP OF DAM ELEVATION 4555		9. SPILLWAY CREST ELEV. 4554					
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										10/19/64	
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY										15. DATE NORMAL OPER. BEGAN	
	e. IRRIGATION										10/19/64	
	f. CONSERVATION											
	g. INACTIVE		N.A. 1/		0.033				0.046			
WATERSHED	17. LENGTH OF RESERVOIR 0.0094 MILES				AV. WIDTH OF RESERVOIR 0.0055 MILES							
	18. TOTAL DRAINAGE AREA .40 SQ. MI.				22. MEAN ANNUAL PRECIPITATION 35.2 INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA .40 SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES							
	20. LENGTH 1.28 MILES		AV. WIDTH .31 MILES		24. MEAN ANNUAL RUNOFF AC.-F.T.							
	21. MAX. ELEV. 5520		MIN. ELEV. 4550		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.			
	6/11/71		0.75	5.87	R	12M	0.033	0.046				
	10/5/71		0.31	6.18								
	5/31/72		0.65	6.83								
	9/21/72		0.31	7.14								
	5/23/73		0.67	7.81								
	10/4/73		0.36	8.17								
	5/30/74		0.65	8.82								
	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				
	6/11/71		0.0180	0.0241	0.0606							
	10/5/71		0.0000	0.0000	0.0000	2/						
5/31/72		0.0083	0.0128	0.0323								
9/21/72		0.0000	0.0000	0.0000								
5/23/73		0.0048	0.0072	0.0182								
10/4/73		0.0008	0.0022	0.0057								
5/30/74		0.0173	0.0266	0.0670								
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					
6/11/71		43.7										
5/31/72		56.2										
5/23/73		21.5										
5/30/74		39.4										

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/ Pond used to collect bedload sediment and organic matter.

2/ Pond is emptied after every survey

48. AGENCY MAKING SURVEY _____

49. AGENCY SUPPLYING DATA _____

50. DATE _____

RESERVOIR SEDIMENT

DATA SUMMARY

SCS-34 Rev. 6-66

Cabin Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

78-18

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service		2. STREAM Trib- of Silver Cr.		3. STATE Idaho											
	4. SEC. 30 TWP. 12N RANGE 6E		5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley											
	7. LAT. 44° 20' 50" LONG. 115° 48' "		8. TOP OF DAM ELEVATION 4555		9. SPILLWAY CREST ELEV. 4554											
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										10/19/64					
	b. MULTIPLE USE															
	c. POWER															
	d. WATER SUPPLY										16. DATE NORMAL OPER. BEGAN					
	e. IRRIGATION															
	f. CONSERVATION															
	g. INACTIVE		N.A. 1/		0.033				0.046		10/19/64					
WATERSHED	17. LENGTH OF RESERVOIR		0.0094		MILES		AV. WIDTH OF RESERVOIR		0.0055		MILES					
	18. TOTAL DRAINAGE AREA		.40		SQ. MI.		22. MEAN ANNUAL PRECIPITATION		35.2		INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA		.40		SQ. MI.		23. MEAN ANNUAL RUNOFF				INCHES					
	20. LENGTH		1.28		MILES		AV. WIDTH		.31		MILES					
	21. MAX. ELEV.		5520		MIN. ELEV.		4550		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.	
	10/2/74		0.34		9.16		R		12M		0.033		0.046			
	6/4/75		0.67		9.83											
	10/10/75		0.35		10.18											
	6/9/76		0.67		10.84											
	10/21/76		0.37		11.21											
	5/31/77		0.61		11.82											
	9/28/77		0.33		12.15											
	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												
10/2/74		0.0003		0.0010		0.0026		2/								
6/4/75		0.0085		0.0127		0.0321										
10/10/75		0.0025		0.0072		0.0181										
6/9/76		0.0111		0.0166		0.0419										
10/21/76		0.0006		0.0016		0.0041										
5/31/77		0.0013		0.0022		0.0055										
9/28/77		0.0009		0.0027		0.0069										
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										
6/4/75		39.9														
6/9/76		59.8														
5/31/77		-														

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.	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	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	
47. REMARKS AND REFERENCES															
<p><u>1/</u> Pond used to collect bedload sediment and organic matter</p> <p><u>2/</u> Pond is emptied after every survey</p>															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA															
50. DATE															

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

Cabin Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

78-18

DATA SHEET NO.

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	4. SEC. 30 TWP. 12N RANGE 6E		5. NEAREST P. O. Cascade 17 NW		6. COUNTY Valley		
	7. LAT 44° 20' 50" LONG 115° 48' "		8. TOP OF DAM ELEVATION 4555		9. SPILLWAY CREST ELEV. 4554		
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES		
	a. FLOOD CONTROL						
	b. MULTIPLE USE						
	c. POWER						
	d. WATER SUPPLY						
	e. IRRIGATION						
	f. CONSERVATION						
	g. INACTIVE		N.A. 1/		0.033		
				0.046			
15. DATE STORAGE BEGAN		10/19/64					
		16. DATE NORMAL OPER. BEGAN					
		10/19/64					
17. LENGTH OF RESERVOIR		0.0094		MILES		AV. WIDTH OF RESERVOIR	
						0.0055	
						MILES	
18. TOTAL DRAINAGE AREA		40		SQ. MI.		22. MEAN ANNUAL PRECIPITATION	
						35.2	
						INCHES	
19. NET SEDIMENT CONTRIBUTING AREA		40		SQ. MI.		23. MEAN ANNUAL RUNOFF	
						INCHES	
20. LENGTH		1.28		MILES		AV. WIDTH	
						.31	
						MILES	
21. MAX. ELEV.		5520		MIN. ELEV.		4550	
						25. ANNUAL TEMP: MEAN RANGE	
25. DATE OF SURVEY		27. PERIOD YEARS		28. ACCL. YEARS		29. TYPE OF SURVEY	
6/5/78		0.60		12.75		R	
6/19/79		1.04		13.79			
11/17/79		0.39		14.18			
6/3/80		0.55		14.73			
10/8/80		0.32		15.05			
30. NO. OF RANGES OR CONTOUR INT.		12M					
31. SURFACE AREA, ACRES		0.033					
32. CAPACITY, ACRE-FEET		0.046					
33. C/I. RATIO, AC.-FT. PER AC.-FT.							
26. DATE OF SURVEY		34. PERIOD ANNUAL PRECIPITATION		35. PERIOD WATER INFLOW, ACRE-FEET			
				a. MEAN ANNUAL b. MAX. ANNUAL c. PERIOD TOTAL			
				36. WATER INFL. TO DATE, AC.-FT.			
				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		
6/5/78		0.0102			0.0171		
6/19/79		0.0012			0.0011		
11/17/79		0.0006			0.0015		
6/3/80		0.0064			0.0117		
10/8/80		0.0014			0.0045		
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PERSQ. MI.-YR.		41. STORAGE LOSS, PCT.	
				a. PERIOD b. TOTAL TO DATE		a. AV. ANN. b. TOT. TO DATE	
6/5/78		48.1					
						42. SED. INFLOW. PPM	
						a. PERIOD b. TOT. TO DATE	

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															
<p>1/ Pond used to collect bedload sediment and organic matter</p> <p>2/ Pond is emptied after every survey</p>															
48. AGENCY MAKING SURVEY															
49. AGENCY SUPPLYING DATA															
50. DATE															