

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 ORIGINAL LENGTH OF RESERVOIR

PERCENT OF TOTAL SEDIMENT LOCATED WITHIN EACH 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

RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

"C" Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

78-20

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service		2. STREAM Trib. of Silver Cr.		3. STATE Idaho	
	4. SEC. 17 TWP. 12N RANGE 6E		5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley	
	7. LAT. 44° 22' " LONG. 115° 47' "		8. TOP OF DAM ELEVATION 4867.2		9. SPILLWAY CREST ELEV. 4866	
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/		0.012	
WATERSHED	13. ORIGINAL CAPACITY, ACRE-FEET		14. GROSS STORAGE, ACRE-FEET		15. DATE STORAGE BEGAN	
					8/19/65	
	17. LENGTH OF RESERVOIR 0.0068 MILES		AV. WIDTH OF RESERVOIR 0.0028 MILES			
	18. TOTAL DRAINAGE AREA 0.75 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 37.2 INCHES			
	19. NET SEDIMENT CONTRIBUTING AREA 0.75 SQ. MI.		23. MEAN ANNUAL RUNOFF INCHES			
	20. LENGTH 1.56 MILES		AV. WIDTH .482 MILES		24. MEAN ANNUAL RUNOFF AC.-FT.	
SURVEY DATA	21. MAX. ELEV. 6740		MIN. ELEV. 4861		25. ANNUAL TEMP.: MEAN RANGE	
	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.			
	6/8/71		0.75		5.78	
	10/5/71		0.32		6.10	
	6/7/72		0.67		6.77	
	9/21/72		0.29		7.06	
	5/21/73		0.64		7.70	
	10/4/73		0.37		8.07	
5/21/74		0.63		8.70		
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		
6/8/71		0.0200		0.0267		
10/5/71		0.0004		0.0011		
6/7/72		0.0147		0.0219		
9/21/72		0.0008		0.0027		
5/21/73		0.0044		0.0069		
10/4/73		0.0003		0.0007		
5/21/74		0.0217		0.0345		
26. DATE OF SURVEY		39. AV. DRY WGT., LBS. PER CU. FT.		40. SED. DEP., TONS PER SQ. MI.-YR.		
				a. PERIOD b. TOTAL TO DATE		
41. STORAGE LOSS, PCT.		42. SED. INFLOW. PPM				
				a. AV. ANN. b. TOT. TO DATE a. PERIOD b. TOT. TO DATE		
6/8/71		67.0				
6/7/72		75.2				
9/21/72		50.2				
5/21/73		49.0				
5/21/74		78.4				

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															
<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

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SCS-34 Rev. 6-66

"C" Creek (Cont)

NAME OF RESERVOIR

78-20

DATA SHEET NO.

DAM	1. OWNER <u>USDA Forest Service</u>				2. STREAM <u>Trib. of Silver Cr.</u>		3. STATE <u>Idaho</u>					
	4. SEC. <u>17</u> TWP. <u>12N</u> RANGE <u>6E</u>				5. NEAREST P.O. <u>Cascade 17 NW</u>		6. COUNTY <u>Valley</u>					
	7. LAT. <u>44° 22'</u>		" LONG. <u>115° 47'</u>		8. TOP OF DAM ELEVATION <u>4867.2</u>		9. SPILLWAY CREST ELEV. <u>4866</u>					
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										8/19/65	
	b. MULTIPLE USE											
	c. POWER											
	d. WATER SUPPLY											
	e. IRRIGATION										16. DATE NORMAL OPER. BEGAN	
	f. CONSERVATION										8/19/65	
	g. INACTIVE		<u>N.A. 1/</u>		<u>0.012</u>				<u>0.0207</u>			
WATERSHED	17. LENGTH OF RESERVOIR <u>0.0068</u> MILES				AV. WIDTH OF RESERVOIR <u>0.0028</u> MILES							
	18. TOTAL DRAINAGE AREA <u>0.75</u> SQ. MI.				22. MEAN ANNUAL PRECIPITATION <u>37.2</u> INCHES							
	19. NET SEDIMENT CONTRIBUTING AREA <u>0.75</u> SQ. MI.				23. MEAN ANNUAL RUNOFF INCHES							
	20. LENGTH <u>1.56</u> MILES		AV. WIDTH <u>.482</u> MILES		24. MEAN ANNUAL RUNOFF AC.-F.T.							
	21. MAX. ELEV. <u>6740</u>		MIN. ELEV. <u>4861</u>		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		0.36	9.06	R	19M	0.121	0.0207				
	6/5/75		0.67	9.73								
	10/10/75		0.34	10.07								
	6/9/76		0.67	10.74								
	10/21/76		0.36	11.10								
	5/31/77		0.61	11.71								
	9/28/77		0.33	12.04								
	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		0.0021	0.0058	0.0081								
6/5/75		0.0219	0.0327	0.0455								
10/10/75		0.0006	0.0019	0.0027								
6/9/76		0.0099	0.0147	0.0205								
10/21/76		0.0001	0.0002	0.0003								
5/31/77		0.0004	0.0006	0.0009								
9/28/77		0.0004	0.0014	0.0019								
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			
6/5/75		80.1										
6/9/76		70.1										

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><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															
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RESERVOIR SEDIMENT
DATA SUMMARY

SCS-34 Rev. 6-66

C" Creek (Cont)

NAME OF RESERVOIR

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	a. FLOOD CONTROL					8/19/65	
	b. MULTIPLE USE						
	c. POWER						
	d. WATER SUPPLY						
	e. IRRIGATION					16. DATE NORMAL OPER. BEGAN	
	f. CONSERVATION					8/19/65	
	g. INACTIVE	N.A.	1/	0.012		0.0207	
17. LENGTH OF RESERVOIR	0.0068	MILES	AV. WIDTH OF RESERVOIR	0.0028	MILES		
WATERSHED	18. TOTAL DRAINAGE AREA	0.75	SQ. MI.	22. MEAN ANNUAL PRECIPITATION	37.2	INCHES	
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5/26/78	0.66	12.70	R	19M	0.121	0.0207	
6/21/79	1.07	13.77					
11/17/79	0.39	14.16					
6/13/80	0.57	14.73					
SURVEY DATA	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW, ACRE-Feet	36. WATER INFL. TO DATE, AC-FT.	37. PERIOD CAPACITY LOSS, ACRE-Feet	38. TOTAL SED. DEPOSITS TO DATE, ACRE-Feet	
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		a. PERIOD	b. TOTAL TO DATE	a. AV. ANN.	b. TOT. TO DATE	a. PERIOD	b. TOT. TO DATE
5/26/78	79.3						

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