

RESERVOIR SEDIMENT  
DATA SUMMARY

Control Creek Sediment Dam  
NAME OF RESERVOIR

78-17

DATA SHEET NO

DAM	1. OWNER <b>USDA Forest Service</b>		2. STREAM <b>Trib. of Silver Cr.</b>		3. STATE <b>Idaho</b>	
	4. SEC. <b>25</b> TWP <b>12N</b> RANGE <b>5E</b>		5. NEAREST P.O. <b>Cascade 17 NW</b>		6. COUNTY <b>Valley</b>	
	7. LAT <b>44° 20'</b> " LONG <b>115° 48'</b> "		8. TOP OF DAM ELEVATION <b>4644</b>		9. SPILLWAY CREST FLEV. <b>4643</b>	
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					
r. INACTIVE		<b>N.A. 1/</b>		<b>0.0097</b>		
				<b>0.013</b>		
				<b>8/26/65</b>		
				<b>8/26/65</b>		
				<b>16 DATE NORMAL OPER. BEGAN</b>		
WATERSHED	17. LENGTH OF RESERVOIR <b>0.0053</b> MILES			13. ORIGINAL CAPACITY, ACRE FEET		
	18. TOTAL DRAINAGE AREA <b>.775</b> SQ. MI.			14. GROSS STORAGE, ACRE FEET		
	19. NET SEDIMENT CONTRIBUTING AREA <b>.775</b> SQ. MI.			15. DATE STORAGE BEGAN		
	20. LENGTH <b>1.21</b> MILES AV. WIDTH <b>.64</b> MILES			16. DATE NORMAL OPER. BEGAN		
	21. MAX. ELEV. <b>5627</b> MIN. ELEV. <b>4640</b>			17. DATE STORAGE BEGAN		
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. DATE OF SURVEY		33. PERIOD ANNUAL PRECIPITATION		34. PERIOD WATER INFLOW, ACRE-FEET	
	35. DATE OF SURVEY		36. PERIOD ANNUAL PRECIPITATION		37. PERIOD WATER INFLOW, ACRE-FEET	
	38. DATE OF SURVEY		39. PERIOD ANNUAL PRECIPITATION		40. PERIOD WATER INFLOW, ACRE-FEET	
	41. DATE OF SURVEY		42. PERIOD ANNUAL PRECIPITATION		43. PERIOD WATER INFLOW, ACRE-FEET	
	44. DATE OF SURVEY		45. PERIOD ANNUAL PRECIPITATION		46. PERIOD WATER INFLOW, ACRE-FEET	
	47. DATE OF SURVEY		48. PERIOD ANNUAL PRECIPITATION		49. PERIOD WATER INFLOW, ACRE-FEET	
	50. DATE OF SURVEY		51. PERIOD ANNUAL PRECIPITATION		52. PERIOD WATER INFLOW, ACRE-FEET	
	53. DATE OF SURVEY		54. PERIOD ANNUAL PRECIPITATION		55. PERIOD WATER INFLOW, ACRE-FEET	
8/26/65		0		R		
6/10/66		.79		15M		
6/8/67		1.00		0.0097		
7/3/68		1.07		0.013		
11/13/68		.36				
6/27/69		.62				
8/29/69		.17				
6/30/70		.83				
9/9/70		.21				
6/10/66				0.0001		
6/8/67				0.0011		
7/3/68				0.0005		
11/13/68				0.0003		
6/27/69				0.0038		
8/29/69				0.0000		
6/30/70				0.0018		
9/9/70				0.0000		
6/10/66				0.0001		
6/8/67				0.0011		
7/3/68				0.0005		
11/13/68				0.0003		
6/27/69				0.0038		
8/29/69				0.0000		
6/30/70				0.0018		
9/9/70				0.0000		
6/10/66				0.0001		
6/8/67				0.0011		
7/3/68				0.0005		
11/13/68				0.0003		
6/27/69				0.0038		
8/29/69				0.0000		
6/30/70				0.0018		
9/9/70				0.0000		

21 DATE OF SURVEY	43 DEPTH DESIGNATION RANGE, BELOW AND ABOVE PRESENT ELEVATION									
22 DATE OF SURVEY	44 DEPTH DESIGNATION RANGE, BELOW AND ABOVE PRESENT ELEVATION									

45 RANGE OF RESERVOIR ELEVATION							
WATER YEAR	MAX. ELEV.	MIN. ELEV.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	WATER YEAR	MAX. ELEV.

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

48 AGENCY MAKING SURVEY Intermountain Forest & Range Exp. Sta.  
 49 AGENCY SUPPLYING DATA Intermountain Forest & Range Exp. Sta. 60 DATE 10/12/71

RESERVOIR SEDIMENT

DATA SUMMARY

SCS-34 Rev. 6-66

Control Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

78-17

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service		2. STREAM Trib. of Silver Cr		3. STATE Idaho			
	4. SEC. 25 TWP. 12N RANGE 5E		5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley			
	7. LAT. 44° 20' " LONG. 115° 48' "		8. TOP OF DAM ELEVATION 4644		9. SPILLWAY CREST ELEV. 4643			
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					8/26/65		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY							
	e. IRRIGATION					15. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION					8/26/65		
	g. INACTIVE	N.A. 1/	0.0097		0.013			
17. LENGTH OF RESERVOIR		0.0053	MILES	AV. WIDTH OF RESERVOIR		0.0029 MILES		
WATERSHED	18. TOTAL DRAINAGE AREA		775	SQ. MI.	22. MEAN ANNUAL PRECIPITATION		36.2 INCHES	
	19. NET SEDIMENT CONTRIBUTING AREA		775	SQ. MI.	23. MEAN ANNUAL RUNOFF		INCHES	
	20. LENGTH	1.21	MILES	AV. WIDTH	64	MILES	24. MEAN ANNUAL RUNOFF	AC.-F.T.
	21. MAX. ELEV.		5627	MIN. ELEV.	4640	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	5.80	R	15M	0.0097	0.13	
	10/5/71	0.31	6.11					
	6/5/72	0.67	6.78					
	10/2/72	0.33	7.11					
	5/25/73	0.64	7.75					
	10/4/73	0.36	8.11					
	5/1/74	0.57	8.68					
	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	0.0111	0.0147	0.0235	2/			
	10/5/71	0.0001	0.0002	0.0003				
	6/5/72	0.0051	0.0077	0.0122				
10/2/72	0.0003	0.0010	0.0015					
5/25/73	0.0016	0.0025	0.0040					
10/4/73	0.0003	0.0008	0.0013					
5/1/74	0.0136	0.0238	0.0380					
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	73.0							
6/5/72	65.0							
5/25/73	30.0							
5/1/74	69.2							

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

SCS-34 Rev. 6-66

Control Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

78-17

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service		2. STREAM Trib. of Silver Cr.		3. STATE Idaho	
	4. SEC. 25 TWP. 12N RANGE 5E		5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley	
	7. LAT. 44° 20' " LONG. 115° 48' "		8. TOP OF DAM ELEVATION 4644		9. SPILLWAY CREST ELEV. 4643	
RESERVOIR	10. STORAGE ALLOCATION		11. ELEVATION TOP OF POOL		12. ORIGINAL SURFACE AREA, ACRES	
	a. FLOOD CONTROL				13. ORIGINAL CAPACITY, ACRE-FEET	
	b. MULTIPLE USE				14. GROSS STORAGE, ACRE-FEET	
	c. POWER				15. DATE STORAGE BEGAN	
	d. WATER SUPPLY				8/26/65	
	e. IRRIGATION				16. DATE NORMAL OPER. BEGAN	
	f. CONSERVATION				8/26/65	
	g. INACTIVE		N.A. 1/		0.0097	
WATERSHED	17. LENGTH OF RESERVOIR 0.0053		MILES, AV. WIDTH OF RESERVOIR 0.0029		MILES	
	18. TOTAL DRAINAGE AREA .775		SQ. MI.		22. MEAN ANNUAL PRECIPITATION 36.2	
	19. NET SEDIMENT CONTRIBUTING AREA .775		SQ. MI.		23. MEAN ANNUAL RUNOFF	
	20. LENGTH 1.21		MILES, AV. WIDTH .64		MILES	
	21. MAX. ELEV. 5627		MIN. ELEV. 4640		24. MEAN ANNUAL RUNOFF	
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.			
	5/28/74		0:07		8.75	
	10/2/74		0:35		9.10	
	6/10/65		0:69		9.79	
	10/10/75		0:33		10.12	
	6/2/76		0:65		10.77	
	10/21/76		0:38		11.15	
	5/31/77		0:61		11.76	
	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		
5/28/74		0.0025		0.0364		
10/2/74		0.0003		0.0009		
6/10/75		0.0103		0.0149		
10/10/75		0.0003		0.0010		
6/2/76		0.0089		0.0137		
10/21/76		0.0001		0.0001		
5/31/77		0.0004		0.0007		
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		
5/28/74		66.8				
6/10/75		85.7				
6/2/76		100.7				
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.								
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 _____															

RESERVOIR SEDIMENT  
DATA SUMMARY

SCS-34 Rev. 6-66

Control Creek (Cont)

NAME OF RESERVOIR

U. S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

78-17

DATA SHEET NO.

DAM	1. OWNER USDA Forest Service		2. STREAM Trib. of Silver Cr		3. STATE Idaho			
	4. SEC. 25 TWP. 12N RANGE 5E		5. NEAREST P.O. Cascade 17 NW		6. COUNTY Valley			
	7. LAT. 44° 20' " LONG. 115° 48' "		8. TOP OF DAM ELEVATION 4644		9. SPILLWAY CREST ELEV. 4643			
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					8/26/65		
	b. MULTIPLE USE							
	c. POWER							
	d. WATER SUPPLY							
	e. IRRIGATION					16. DATE NORMAL OPER. BEGAN		
	f. CONSERVATION					8/26/65		
g. INACTIVE	N.A.	1/	0.0097	0.013				
WATERSHED	17. LENGTH OF RESERVOIR 0.0053 MILES		AV. WIDTH OF RESERVOIR 0.0029 MILES					
	18. TOTAL DRAINAGE AREA .775 SQ. MI.		22. MEAN ANNUAL PRECIPITATION 36.2 INCHES					
	19. NET SEDIMENT CONTRIBUTING AREA .775 SQ. MI.		23. MEAN ANNUAL RUNOFF INCHES					
	20. LENGTH 1.21 MILES		AV. WIDTH .64 MILES		24. MEAN ANNUAL RUNOFF AC.-F.T.			
	21. MAX. ELEV. 5627		MIN. ELEV. 4640		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.
	9/28/77	0.33	12.09	R	15M	0.0097	0.13	
	6/1/78	0.68	12.77					
	6/20/79	1.05	13.82					
	11/17/79	0.41	14.23					
	6/4/80	0.55	14.78					
	10/8/80	0.28	15.06					
	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		
9/28/77	0.0005	0.0015	0.0024	2/				
6/1/78	0.0075	0.0111	0.0177					
6/20/79	0.0013	0.0012	0.0019					
11/17/79	0.0008	0.0019	0.0031					
6/4/80	0.0107	0.0194	0.0310					
10/8/80	0.0006	0.0023	0.0037					
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	
6/1/78	64.0							

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 _____															