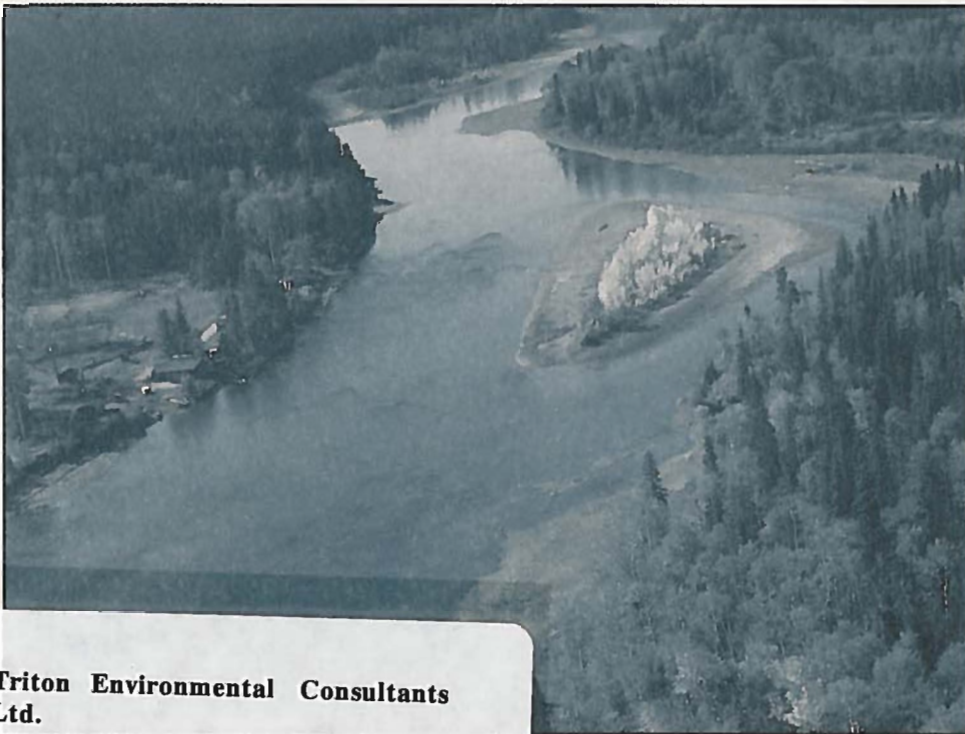


PROJECT REPORT

NECHAKO FISHERIES CONSERVATION PROGRAM

NECHAKO RIVER FLOW CONTROL 1994/1995

NECHAKO FISHERIES CONSERVATION PROGRAM
Data Report No. RM94-4



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RM 94-4

Triton Environmental Consultants
Ltd.
Nechako River flow control
1994/1995

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NECHAKO RIVER FLOW CONTROL
1994/1995

NECHAKO FISHERIES CONSERVATION PROGRAM
Data Report No. RM94-4

Prepared by:
Triton Environmental Consultants Ltd.
May 1995

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ABSTRACT

The 1994/1995 Nechako River Flow Control Project was undertaken to ensure effective fulfillment of the Short-Term Annual Water Allocation, as defined in the 1987 Settlement Agreement, which specifies a mean release of 36.8 m³/s at Skins Lake Spillway and an approximate mean annual flow of 41.7 m³/s at Nechako River below Cheslatta Falls. Recorded flow data for the 1994/1995 water year (April 1, 1994 to March 31, 1995) indicate that the actual mean annual Skins Lake Spillway release was 39.3 m³/s (excluding July and August cooling waters) and the mean annual flow in Nechako River below Cheslatta Falls was 60.0 m³/s. This report presents a comparison of recorded mean annual and mean monthly flows and the Short-Term Flow Regime defined in the Settlement Agreement.

INTRODUCTION

The Settlement Agreement specifies the Short-Term and Long-Term Annual Water Allocation from Nechako Reservoir and the Short-Term and Long-Term flow regime in Nechako River below Cheslatta Falls. The Short-Term Annual Water Allocation specifies a mean annual release of 36.8 m³/s at Skins Lake Spillway and an approximate mean annual flow of 41.7 m³/s at Nechako River below Cheslatta Falls.

This report provides a summary of recorded mean daily Skins Lake Spillway releases and flows in Nechako River below Cheslatta Falls for the period April 1, 1994 to March 31, 1995. Also included is a comparison of recorded mean monthly flows and Short-Term Flow Regime defined in The Settlement Agreement for Skins Lake Spillway and Nechako River below Cheslatta Falls.

OBJECTIVE AND RATIONALE

The objective of the Nechako River flow management project is to ensure that the Short-Term Annual Water Allocation, as set out in the Settlement Agreement is achieved effectively. This objective will be achieved by scheduling Nechako Reservoir releases appropriately to ensure the water allocation is utilized efficiently to produce a flow regime in Nechako River most conducive to biological objectives.

DATA REQUIREMENTS AND SOURCES

Project data requirements include mean daily Skins Lake Spillway releases and mean daily flows in Nechako River below Cheslatta Falls. These data were obtained from Water Survey of Canada (WSC) and Alcan. Data

for the period April 1 to December 31, 1994 is published WSC data. Skins Lake Spillway releases for the period January 1 to March 31, 1995 are from Alcan monthly summaries and the corresponding flows in Nechako River below Cheslatta Falls are preliminary WSC data and were obtained in response to ongoing data requests to WSC.

RESULTS

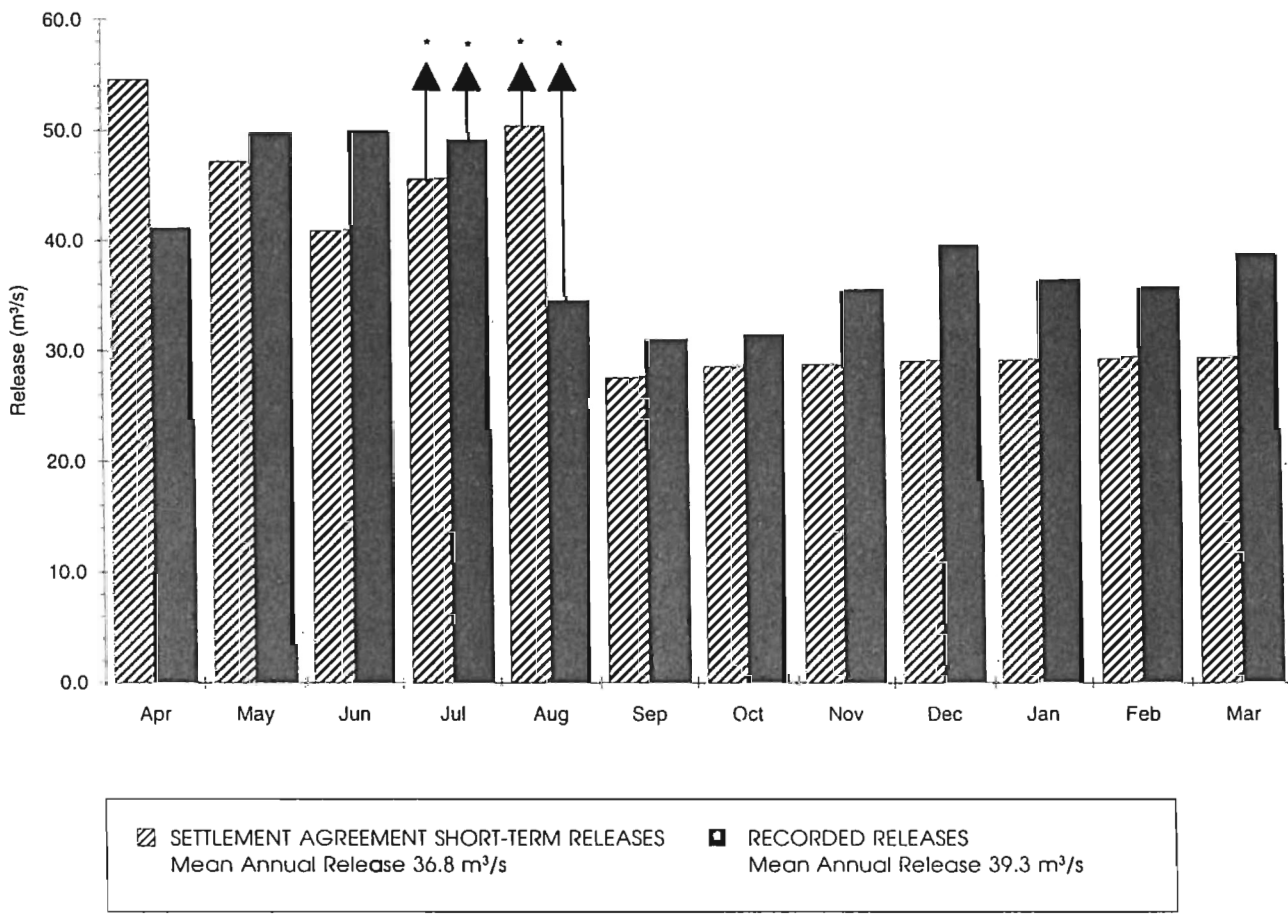
A comparison of recorded and Settlement Agreement mean monthly Skins Lake Spillway Releases is presented in Figure 1. The recorded mean annual release for the 1994/1995 water year (excluding additional flows as required for cooling purposes, as per the 1994 Summer Water Temperature and Flow Management Project), was 39.3 m³/s. The Settlement Agreement Short-Term annual water allocation specifies a mean annual release of 36.8 m³/s.

The release in excess of the specified 36.8 m³/s was due to the nature of the spillway gate setting schedule (especially during winter months) in response to changing reservoir elevations. Spillway gate settings are established by Alcan in response to release recommendations made by Triton Environmental Consultants Ltd. (TECL) under the auspices of the Nechako Fisheries Conservation Program (NFCP), and are based on the current reservoir elevation and anticipated reservoir inflow. During ice free conditions the spillway settings are reviewed periodically, typically weekly, to ensure the requested releases are achieved. Each year, during the fall, Alcan sets the gate(s) once for the entire upcoming winter. The winter release is typically set above the requested release in anticipation of the decreasing reservoir elevation due to low winter inflows. This release regulation scheme results in differences between the recorded releases and the annual water allocation specified in the Settlement Agreement.

A comparison of recorded and Settlement Agreement mean monthly flows in Nechako River below Cheslatta Falls is presented in Figure 2. The Settlement Agreement Short-Term annual water allocation specifies an approximate mean annual flow of 41.7 m³/s in Nechako River below Cheslatta Falls (plus additional flows as required for cooling purposes). Recorded mean daily Skins Lake Spillway releases and flow in Nechako River below Cheslatta Falls for the 1994/1995 water year are presented in Table 1. The recorded mean annual Skins Lake Spillway release (including summer cooling waters) was 57.2 m³/s. The recorded mean annual flow in Nechako River below Cheslatta falls was 60.0 m³/s.

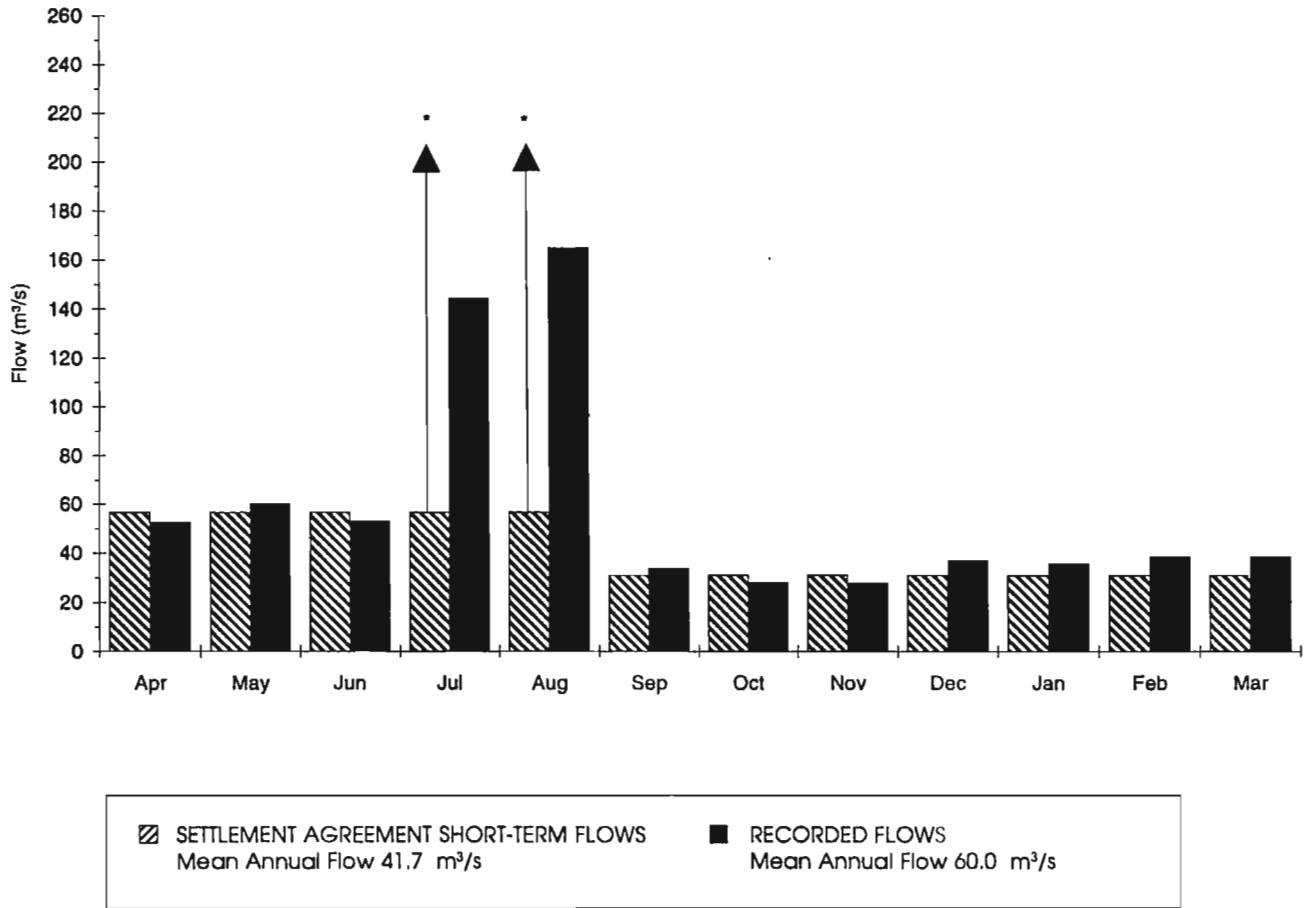
The recorded inflow between Skins Lake Spillway and Nechako River below Cheslatta Falls is subject to gauging error in either, or both gauges. During dry years, the inflow may be less than the combined gauging error (approximately plus or minus 5% for each gauge) resulting in a recorded negative inflow between upstream and downstream gauging stations. During wet years, similar gauging error may be present, but the inflow may be in excess of the combined gauging error resulting in recorded positive inflow, although possibly less than the actual inflow.

Figure 1
Comparison Between Recorded and Settlement Agreement
Skins Lake Spillway Releases
April 1994 to March 1995



* Additional Flows as Required for Cooling Purposes

Figure 2
 Comparison Between Recorded and Settlement Agreement
 Nechako River Flows Below Cheslatta Falls
 April 1994 to March 1995



SETTLEMENT AGREEMENT SHORT-TERM FLOWS
 Mean Annual Flow 41.7 m³/s

RECORDED FLOWS
 Mean Annual Flow 60.0 m³/s

* Additional Flows as Required for Cooling Purposes

Table 1

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Apr-01	31.9	1127	36.1	1275
Apr-02	31.9	1127	37.6	1328
Apr-03	31.9	1127	39.2	1384
Apr-04	31.9	1127	41.3	1459
Apr-05	31.9	1127	42.3	1494
Apr-06	31.9	1127	42.9	1515
Apr-07	31.9	1127	43.4	1533
Apr-08	31.9	1127	43.9	1550
Apr-09	31.9	1127	44.8	1582
Apr-10	31.9	1127	45.5	1607
Apr-11	31.9	1127	46.3	1635
Apr-12	31.9	1127	47.4	1674
Apr-13	31.9	1127	48.5	1713
Apr-14	31.9	1127	48.6	1716
Apr-15	40.0	1413	49.0	1730
Apr-16	49.6	1752	49.7	1755
Apr-17	49.6	1752	51.7	1826
Apr-18	49.6	1752	53.6	1893
Apr-19	49.6	1752	55.3	1953
Apr-20	49.7	1755	57.2	2020
Apr-21	49.7	1755	59.6	2105
Apr-22	49.8	1759	62.2	2197
Apr-23	49.8	1759	63.8	2253
Apr-24	49.9	1762	65.0	2295
Apr-25	50.0	1766	66.0	2331
Apr-26	49.6	1752	66.6	2352
Apr-27	49.0	1730	66.8	2359
Apr-28	49.0	1730	67.2	2373
Apr-29	49.1	1734	67.0	2366
Apr-30	49.2	1737	66.9	2363
May-01	49.2	1737	66.7	2356
May-02	49.3	1741	66.5	2348
May-03	49.4	1745	66.3	2341
May-04	49.5	1748	65.9	2327
May-05	49.5	1748	65.8	2324
May-06	49.6	1752	65.3	2306

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
May-07	49.7	1755	64.6	2281
May-08	49.7	1755	63.9	2257
May-09	49.8	1759	63.4	2239
May-10	49.8	1759	62.4	2204
May-11	49.9	1762	61.8	2182
May-12	49.9	1762	61.6	2175
May-13	49.6	1752	61.0	2154
May-14	49.0	1730	60.0	2119
May-15	49.2	1737	59.7	2108
May-16	49.3	1741	59.8	2112
May-17	49.4	1745	59.4	2098
May-18	49.6	1752	58.9	2080
May-19	49.7	1755	58.6	2069
May-20	49.8	1759	57.9	2045
May-21	49.9	1762	57.8	2041
May-22	50.0	1766	57.5	2031
May-23	50.1	1769	57.1	2016
May-24	49.6	1752	56.7	2002
May-25	49.0	1730	56.9	2009
May-26	49.2	1737	56.4	1992
May-27	49.4	1745	56.0	1978
May-28	49.5	1748	55.5	1960
May-29	49.6	1752	55.3	1953
May-30	49.7	1755	55.1	1946
May-31	49.8	1759	54.7	1932
Jun-01	49.8	1759	54.7	1932
Jun-02	49.9	1762	54.7	1932
Jun-03	50.0	1766	54.3	1918
Jun-04	50.0	1766	54.2	1914
Jun-05	50.1	1769	54.4	1921
Jun-06	49.4	1745	54.6	1928
Jun-07	49.1	1734	54.6	1928
Jun-08	49.2	1737	54.3	1918
Jun-09	49.2	1737	53.7	1896
Jun-10	49.3	1741	53.3	1882
Jun-11	49.4	1745	52.9	1868

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Jun-12	49.5	1748	53.0	1872
Jun-13	49.6	1752	53.6	1893
Jun-14	49.7	1755	54.2	1914
Jun-15	49.8	1759	53.9	1903
Jun-16	49.9	1762	54.3	1918
Jun-17	50.0	1766	54.0	1907
Jun-18	50.0	1766	53.5	1889
Jun-19	50.1	1769	53.4	1886
Jun-20	50.1	1769	53.1	1875
Jun-21	50.2	1773	53.2	1879
Jun-22	50.3	1776	52.8	1865
Jun-23	50.4	1780	52.2	1843
Jun-24	50.5	1783	51.4	1815
Jun-25	50.5	1783	50.8	1794
Jun-26	50.6	1787	50.9	1798
Jun-27	50.7	1790	50.5	1783
Jun-28	50.8	1794	50.2	1773
Jun-29	49.6	1752	50.6	1787
Jun-30	48.7	1720	51.6	1822
Jul-01	48.7	1720	52.1	1840
Jul-02	48.8	1723	53.4	1886
Jul-03	48.8	1723	54.5	1925
Jul-04	48.9	1727	54.8	1935
Jul-05	48.9	1727	54.7	1932
Jul-06	49.0	1730	55.3	1953
Jul-07	49.0	1730	55.0	1942
Jul-08	49.1	1734	55.0	1942
Jul-09	49.2	1737	55.0	1942
Jul-10	49.2	1737	54.9	1939
Jul-11	108.4	3828	54.1	1911
Jul-12	226.5	7999	56.3	1988
Jul-13	226.5	7999	72.1	2546
Jul-14	226.5	7999	90.5	3196
Jul-15	302.1	10669	110.0	3885
Jul-16	453.1	16001	138.0	4873
Jul-17	306.8	10835	187.0	6604

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Jul-18	14.2	501	206.0	7275
Jul-19	212.4	7501	184.0	6498
Jul-20	453.1	16001	181.0	6392
Jul-21	450.2	15899	223.0	7875
Jul-22	366.7	12950	265.0	9358
Jul-23	283.2	10001	285.0	10065
Jul-24	193.5	6833	289.0	10206
Jul-25	14.2	501	273.0	9641
Jul-26	14.2	501	235.0	8299
Jul-27	66.1	2334	200.0	7063
Jul-28	282.0	9959	178.0	6286
Jul-29	453.1	16001	196.0	6922
Jul-30	424.8	15002	240.0	8476
Jul-31	283.2	10001	269.0	9500
Aug-01	282.6	9980	276.0	9747
Aug-02	192.8	6809	280.0	9888
Aug-03	14.2	501	265.0	9358
Aug-04	160.4	5665	230.0	8122
Aug-05	453.1	16001	220.0	7769
Aug-06	270.2	9542	255.0	9005
Aug-07	14.2	501	255.0	9005
Aug-08	14.2	501	221.0	7805
Aug-09	101.5	3584	190.0	6710
Aug-10	164.2	5799	172.0	6074
Aug-11	260.5	9200	170.0	6004
Aug-12	453.1	16001	191.0	6745
Aug-13	306.8	10835	236.0	8334
Aug-14	14.2	501	248.0	8758
Aug-15	14.2	501	217.0	7663
Aug-16	92.0	3249	186.0	6569
Aug-17	169.9	6000	168.0	5933
Aug-18	118.0	4167	165.0	5827
Aug-19	14.2	501	158.0	5580
Aug-20	14.2	501	141.0	4979
Aug-21	14.2	501	127.0	4485
Aug-22	14.2	501	112.0	3955

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Aug-23	14.2	501	99.9	3528
Aug-24	14.2	501	88.5	3125
Aug-25	14.2	501	80.0	2825
Aug-26	14.2	501	73.9	2610
Aug-27	14.2	501	68.6	2423
Aug-28	14.2	501	63.4	2239
Aug-29	14.2	501	58.8	2077
Aug-30	9.4	332	54.2	1914
Aug-31	14.2	501	50.8	1794
Sep-01	14.2	501	46.7	1649
Sep-02	31.5	1112	44.5	1572
Sep-03	31.5	1112	42.9	1515
Sep-04	31.5	1112	40.5	1430
Sep-05	31.5	1112	38.9	1374
Sep-06	31.5	1112	37.4	1321
Sep-07	31.5	1112	36.1	1275
Sep-08	31.5	1112	36.2	1278
Sep-09	31.5	1112	35.6	1257
Sep-10	31.4	1109	34.9	1232
Sep-11	31.4	1109	34.2	1208
Sep-12	31.4	1109	33.2	1172
Sep-13	31.4	1109	32.9	1162
Sep-14	31.4	1109	32.8	1158
Sep-15	31.4	1109	32.2	1137
Sep-16	31.4	1109	31.8	1123
Sep-17	31.4	1109	31.8	1123
Sep-18	31.4	1109	31.6	1116
Sep-19	31.4	1109	31.4	1109
Sep-20	31.4	1109	31.2	1102
Sep-21	31.4	1109	30.9	1091
Sep-22	31.4	1109	30.4	1074
Sep-23	31.4	1109	30.3	1070
Sep-24	31.4	1109	30.3	1070
Sep-25	31.4	1109	30.2	1067
Sep-26	31.4	1109	30.0	1059
Sep-27	31.4	1109	29.4	1038

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Sep-28	31.3	1105	29.4	1038
Sep-29	31.3	1105	29.1	1028
Sep-30	31.3	1105	29.3	1035
Oct-01	31.3	1105	29.8	1052
Oct-02	31.4	1109	29.7	1049
Oct-03	31.4	1109	29.4	1038
Oct-04	31.3	1105	29.2	1031
Oct-05	31.3	1105	29.0	1024
Oct-06	31.3	1105	28.8	1017
Oct-07	31.3	1105	28.6	1010
Oct-08	31.3	1105	28.0	989
Oct-09	31.3	1105	28.0	989
Oct-10	31.3	1105	28.2	996
Oct-11	31.3	1105	28.2	996
Oct-12	31.3	1105	28.0	989
Oct-13	31.3	1105	27.9	985
Oct-14	31.3	1105	28.1	992
Oct-15	31.3	1105	28.0	989
Oct-16	31.3	1105	27.7	978
Oct-17	31.3	1105	27.7	978
Oct-18	31.3	1105	27.4	968
Oct-19	31.3	1105	27.5	971
Oct-20	31.2	1102	27.6	975
Oct-21	31.2	1102	27.2	961
Oct-22	31.2	1102	27.3	964
Oct-23	31.2	1102	27.5	971
Oct-24	31.2	1102	27.3	964
Oct-25	31.2	1102	27.3	964
Oct-26	31.2	1102	27.4	968
Oct-27	31.2	1102	27.4	968
Oct-28	31.2	1102	27.5	971
Oct-29	31.2	1102	27.5	971
Oct-30	31.2	1102	27.3	964
Oct-31	31.2	1102	27.3	964
Nov-01	31.2	1102	27.1	957
Nov-02	31.2	1102	27.2	961

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Nov-03	31.2	1102	27.2	961
Nov-04	31.2	1102	27.3	964
Nov-05	31.2	1102	27.1	957
Nov-06	31.2	1102	27.4	968
Nov-07	31.2	1102	26.9	950
Nov-08	31.2	1102	26.9	950
Nov-09	31.2	1102	26.9	950
Nov-10	31.2	1102	27.0	954
Nov-11	31.1	1098	26.6	939
Nov-12	31.1	1098	26.8	946
Nov-13	31.1	1098	26.8	946
Nov-14	31.1	1098	27.0	954
Nov-15	31.1	1098	27.2	961
Nov-16	31.1	1098	27.4	968
Nov-17	31.1	1098	27.1	957
Nov-18	31.1	1098	27.1	957
Nov-19	31.1	1098	27.1	957
Nov-20	31.1	1098	27.2	961
Nov-21	31.1	1098	27.1	957
Nov-22	33.4	1180	26.8	946
Nov-23	55.8	1971	26.6	939
Nov-24	55.7	1967	27.0	954
Nov-25	55.6	1964	27.8	982
Nov-26	41.6	1469	29.4	1038
Nov-27	41.6	1469	31.5	1112
Nov-28	41.5	1466	33.3	1176
Nov-29	41.5	1466	34.6	1222
Nov-30	41.5	1466	35.6	1257
Dec-01	40.7	1438	35.9	1268
Dec-02	40.7	1437	36.5	1289
Dec-03	40.7	1436	36.8	1300
Dec-04	40.6	1435	36.7	1296
Dec-05	40.6	1434	36.4	1285
Dec-06	40.6	1434	36.6	1293
Dec-07	40.6	1433	36.8	1300
Dec-08	40.6	1433	37.1	1310

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Dec-09	40.6	1432	37.1	1310
Dec-10	40.5	1431	37.4	1321
Dec-11	40.5	1431	37.3	1317
Dec-12	40.5	1431	37.3	1317
Dec-13	40.5	1431	37.2	1314
Dec-14	40.5	1430	37.2	1314
Dec-15	40.5	1430	37.3	1317
Dec-16	40.5	1429	37.2	1314
Dec-17	40.5	1429	37.5	1324
Dec-18	40.4	1428	37.7	1331
Dec-19	40.4	1428	38.2	1349
Dec-20	40.4	1428	38.1	1346
Dec-21	40.4	1426	38.0	1342
Dec-22	37.0	1308	37.7	1331
Dec-23	37.0	1308	38.0	1342
Dec-24	37.0	1308	37.8	1335
Dec-25	37.0	1308	37.8	1335
Dec-26	37.0	1307	37.5	1324
Dec-27	37.0	1305	37.3	1317
Dec-28	37.0	1305	37.2	1314
Dec-29	36.9	1304	37.3	1317
Dec-30	36.9	1303	36.7	1296
Dec-31	36.9	1302	36.5	1289
Jan-01	36.7	1296	36.9	1303
Jan-02	36.7	1295	36.9	1303
Jan-03	36.6	1294	36.9	1303
Jan-04	36.6	1293	36.9	1303
Jan-05	36.6	1292	36.9	1303
Jan-06	36.6	1291	36.9	1303
Jan-07	36.5	1290	38.4	1356
Jan-08	36.5	1289	36.9	1303
Jan-09	36.5	1288	35.5	1254
Jan-10	36.5	1288	35.5	1254
Jan-11	36.4	1287	35.5	1254
Jan-12	36.4	1286	35.5	1254
Jan-13	36.4	1285	35.5	1254

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Jan-14	36.4	1284	35.5	1254
Jan-15	36.3	1283	35.5	1254
Jan-16	36.3	1282	35.5	1254
Jan-17	36.3	1282	35.5	1254
Jan-18	36.3	1281	35.5	1254
Jan-19	36.3	1280	35.5	1254
Jan-20	36.2	1279	35.5	1254
Jan-21	36.2	1278	34.0	1201
Jan-22	36.2	1277	35.5	1254
Jan-23	36.1	1276	35.5	1254
Jan-24	36.1	1275	35.5	1254
Jan-25	36.1	1274	35.5	1254
Jan-26	36.1	1273	35.5	1254
Jan-27	36.0	1272	35.5	1254
Jan-28	36.0	1271	35.5	1254
Jan-29	36.0	1271	35.5	1254
Jan-30	36.0	1270	35.5	1254
Jan-31	35.9	1269	35.5	1254
Feb-01	35.9	1268	35.5	1254
Feb-02	35.9	1267	35.5	1254
Feb-03	35.9	1267	35.5	1254
Feb-04	35.9	1266	35.5	1254
Feb-05	35.8	1265	35.5	1254
Feb-06	35.8	1264	35.5	1254
Feb-07	35.8	1263	35.5	1254
Feb-08	35.7	1262	35.5	1254
Feb-09	35.7	1261	35.5	1254
Feb-10	35.7	1261	35.5	1254
Feb-11	35.7	1260	35.5	1254
Feb-12	35.7	1259	53.9 *	1903
Feb-13	35.6	1258	60.6 *	2140
Feb-14	35.6	1257	35.5	1254
Feb-15	35.6	1256	35.5	1254
Feb-16	35.5	1255	49.0 *	1730
Feb-17	35.5	1254	57.2 *	2020
Feb-18	35.5	1254	38.4	1356

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Feb-19	35.5	1254	35.5	1254
Feb-20	35.5	1253	34.0	1201
Feb-21	35.5	1252	34.0	1201
Feb-22	35.4	1251	34.0	1201
Feb-23	35.4	1250	34.0	1201
Feb-24	35.4	1249	34.0	1201
Feb-25	35.3	1248	34.0	1201
Feb-26	35.3	1247	34.0	1201
Feb-27	35.3	1246	44.4 *	1568
Feb-28	35.3	1245	44.4 *	1568
Mar-01	35.2	1244	44.4 *	1568
Mar-02	35.2	1243	36.9	1303
Mar-03	35.2	1242	32.6	1151
Mar-04	35.1	1241	52.2 *	1843
Mar-05	35.1	1241	47.5 *	1677
Mar-06	35.1	1240	47.5 *	1677
Mar-07	35.1	1239	35.5	1254
Mar-08	35.1	1238	34.0	1201
Mar-09	35.1	1238	35.5	1254
Mar-10	35.0	1237	36.9	1303
Mar-11	35.0	1236	35.5	1254
Mar-12	35.0	1235	35.5	1254
Mar-13	36.9	1304	35.5	1254
Mar-14	37.9	1338	35.5	1254
Mar-15	37.9	1337	35.5	1254
Mar-16	41.6	1470	35.5	1254
Mar-17	41.6	1468	35.5	1254
Mar-18	41.5	1467	35.5	1254
Mar-19	41.5	1465	36.9	1303
Mar-20	41.5	1464	36.9	1303
Mar-21	41.4	1463	38.4	1356
Mar-22	41.4	1461	38.4	1356
Mar-23	41.3	1460	38.4	1356
Mar-24	41.3	1459	39.8	1406
Mar-25	41.3	1458	39.8	1406
Mar-26	41.3	1457	39.8	1406

Table 1 (continued)

Observed Skins Lake Spillway Releases and Flows in Nechako River Below Cheslatta Falls
1994/1995 Water Year (April 1, 1994 to March 31, 1995)

Note: records for 1994 are final WSC data and records for 1995 are preliminary WSC data

Date 1994/1995	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Mar-27	41.2	1455	39.8	1406
Mar-28	41.2	1455	39.8	1406
Mar-29	41.1	1453	39.8	1406
Mar-30	41.1	1452	39.8	1406
Mar-31	41.1	1451	41.3	1459
Mean Annual	57.2	2021	60.0	2119

* Ice conditions suspected in Nechako River