

**NECHAKO RIVER FLOW CONTROL
2000/2001**

*NECHAKO FISHERIES CONSERVATION PROGRAM
Technical Report No. RM00-3*

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ABSTRACT

The objective of the 2000/2001 Nechako River Flow Control Project was to ensure release of the Annual Water Allocation (AWA), as defined in the 1987 Settlement Agreement (Anon. 1987) (a mean release of 36.8 m³/s at Skins Lake Spillway with the intent of achieving a mean annual flow of 41.7 m³/s in the Nechako River below Cheslatta Falls). The recorded mean annual Skins Lake Spillway release was 52.2 m³/s, and the mean annual flow in the Nechako River below Cheslatta Falls was recorded at 54.5 m³/s. Excluding summer cooling water releases, the calculated mean annual Skins Lake Spillway release attributable to the AWA was 37.6 m³/s.

INTRODUCTION

The 1987 Settlement Agreement (Anon. 1987) specifies the Annual Water Allocation (AWA) from Nechako Reservoir. The AWA is specified as a mean annual release of 36.8 m³/s at Skins Lake Spillway with the intent of achieving an approximate mean annual flow of 41.7 m³/s in the Nechako River below Cheslatta Falls.

This report provides a summary of mean monthly and mean daily Skins Lake Spillway releases and flows in the Nechako River below Cheslatta Falls for the period April 1, 2000 to March 31, 2001.

OBJECTIVE AND RATIONALE

The objective of the Nechako River Flow Control Project is to ensure release of the AWA. This objective is to be achieved by scheduling Nechako Reservoir releases appropriately to ensure the water allocation is utilized. Direction on the rate, timing and duration of Skins Lake Spillway releases is provided to Alcan Primary Metal Group (Alcan) by the Nechako Fisheries Conservation Program (NFCP) Technical Committee.

DATA REQUIREMENTS AND PROJECT OPERATIONS

Project data requirements include mean daily Skins Lake Spillway releases and mean daily flows in the Nechako River below Cheslatta Falls. Data presented in the report for the period April 1, 2000 to March 31, 2001 are preliminary Water Survey of Canada (WSC) data and therefore, may vary slightly from the published WSC data for this period.

Skins Lake Spillway releases are established by Alcan in response to direction received from the NFCP Technical Committee and are based on the current reservoir water surface elevation and anticipated reservoir inflow. On April 1 (the start of the NFCP water year) of each year, the spillway release is typically maintained at the winter release from the previous year. Later in April, the release is increased to the current year spring release (typically 49.0 m³/s), with the timing being dependent on downstream ice conditions in the Cheslatta and Murray Lakes system. Following this increase to the spring release, and during ice-free conditions, the spillway settings are reviewed periodically, typically weekly, to ensure the requested releases are achieved. In mid to late August, following completion of the Summer Water Temperature and Flow Management Project (Triton 2000), the spillway release is reduced to achieve the winter flow regime. During winter conditions, the gate setting is also adjusted periodically to ensure the average winter release, as established by the NFCP, is achieved.

The above release regime is termed the “operational release”, and is defined as the Water Survey of Canada recorded release made by Alcan, less forced spills and additional flows as required for cooling purposes, as per the 2000 Summer Water Temperature and Flow Management Project.

RESULTS

A comparison of Settlement Agreement and operational mean monthly Skins Lake Spillway releases is presented in Figure 1. Releases presented in Figure 1 include an increase in the spillway release from the previous year’s winter release to approximately 49.0 m³/s initiated on April 26, 2000, and a spillway release reduction to the winter flow regime initiated

on August 17, 2000. The mean annual operational release for the 2000/2001 water year was 37.6 m³/s. The Settlement Agreement AWA specifies a mean annual release of 36.8 m³/s. The difference between the operational release and the specified 36.8 m³/s is due to the nature of the spillway gate setting schedule in response to changing reservoir water surface elevations.

A comparison of Settlement Agreement and operational mean monthly flows in the Nechako River below Cheslatta Falls is presented in Figure 2. The Settlement Agreement AWA specifies an approximate mean annual flow of 41.7 m³/s in the Nechako River below Cheslatta Falls (plus additional flows as required for cooling purposes).

Recorded mean daily Skins Lake Spillway releases and flow in the Nechako River below Cheslatta Falls for the 2000/2001 water year are presented in Table 1. The

recorded mean annual Skins Lake Spillway release (including summer cooling water releases and spills) was 52.2 m³/s. The recorded mean annual flow in the Nechako River below Cheslatta falls was 54.5 m³/s.

The calculated inflow between the measuring stations at the 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.

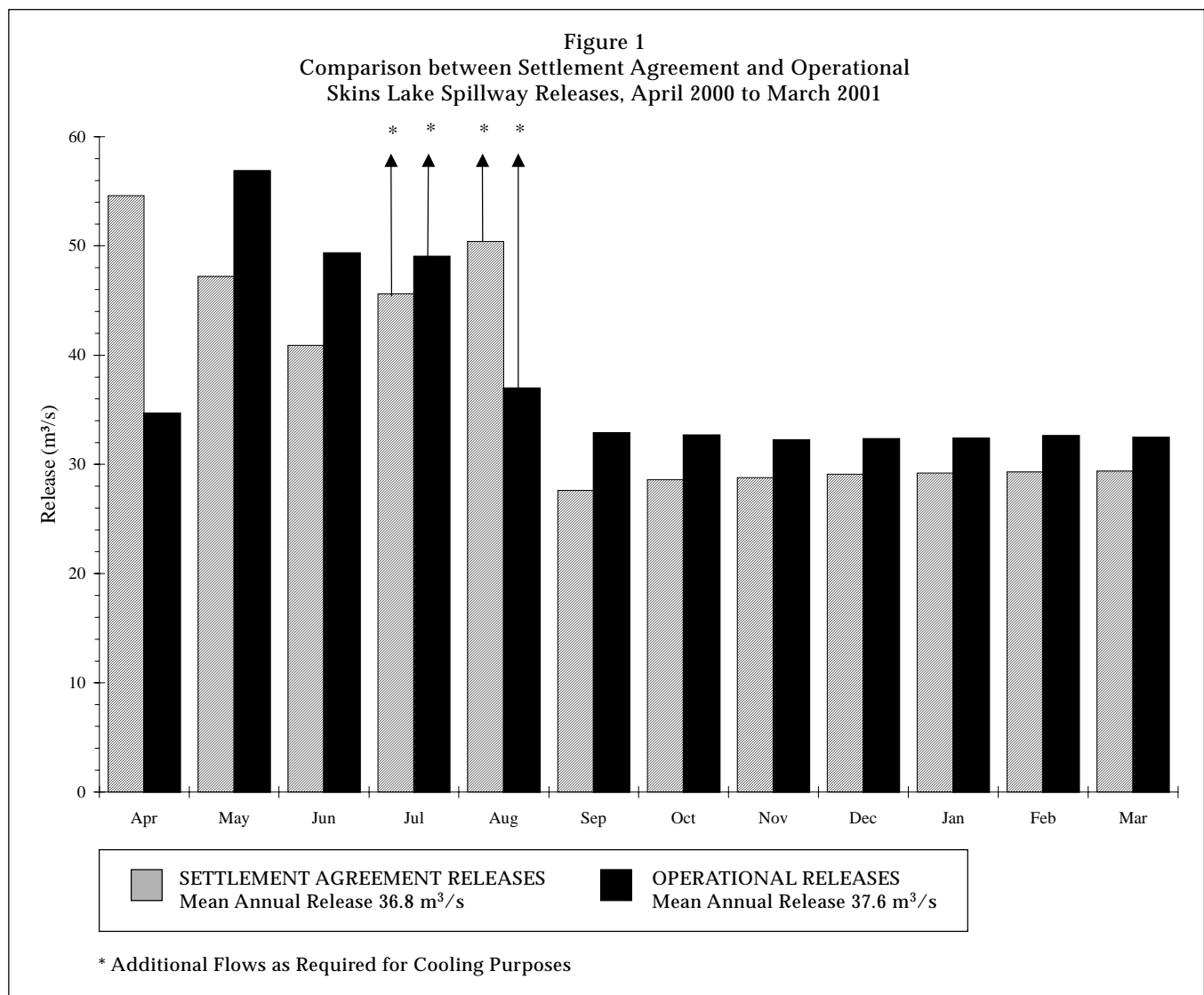
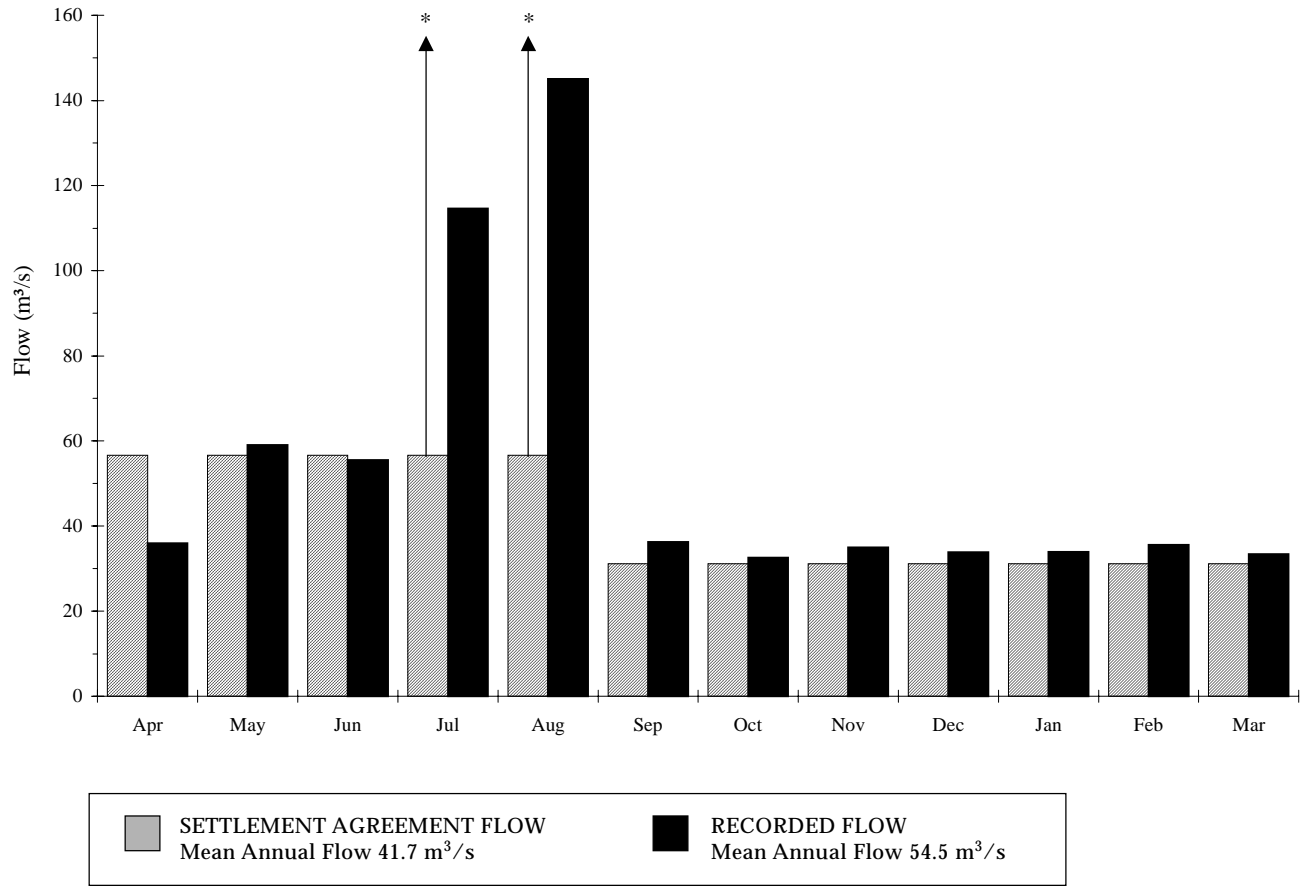


Figure 2
Comparison between Settlement Agreement and Recorded Nechako River Flows
below Cheslatta Falls, April 2000 to March 2001



* Additional Flows as Required for Cooling Purposes

REFERENCES

- Anonymous 1987. Settlement Agreement 1987.*
- Triton Environmental Consultants Ltd. 2000. The 2000 Summer Water Temperature and Flow Management Project. Nechako Fisheries Conservation Program Technical Report No. RM00-1. In review.*

Table 1
Observed Skins Lake Spillway Releases and Flows in Nechako River
Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Note: Records are Preliminary WSC Data

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Apr-01	32.7	1,155	34.6	1,222
Apr-02	32.7	1,155	34.7	1,225
Apr-03	32.7	1,155	34.9	1,232
Apr-04	32.6	1,151	35.2	1,243
Apr-05	32.6	1,151	35.4	1,250
Apr-06	32.5	1,148	35.4	1,250
Apr-07	32.5	1,148	35.4	1,250
Apr-08	32.5	1,148	35.4	1,250
Apr-09	32.4	1,144	35.4	1,250
Apr-10	32.4	1,144	35.4	1,250
Apr-11	32.4	1,144	35.4	1,250
Apr-12	32.4	1,144	35.4	1,250
Apr-13	32.3	1,141	35.4	1,250
Apr-14	32.3	1,141	35.4	1,250
Apr-15	32.3	1,141	35.5	1,254
Apr-16	32.3	1,141	35.5	1,254
Apr-17	32.3	1,141	35.6	1,257
Apr-18	32.6	1,151	35.7	1,261
Apr-19	33.1	1,169	35.7	1,261
Apr-20	33.1	1,169	35.8	1,264
Apr-21	33.1	1,169	35.8	1,264
Apr-22	33.1	1,169	36.0	1,271
Apr-23	33.0	1,165	36.2	1,278
Apr-24	33.0	1,165	36.6	1,293
Apr-25	33.0	1,165	36.9	1,303
Apr-26	36.4	1,285	37.3	1,317
Apr-27	42.1	1,487	37.5	1,324
Apr-28	47.4	1,674	37.8	1,335
Apr-29	49.1	1,734	38.8	1,370
Apr-30	49.1	1,734	40.3	1,423
May-01	49.0	1,730	41.4	1,462
May-02	49.0	1,730	42.6	1,504
May-03	49.0	1,730	43.5	1,536
May-04	49.0	1,730	44.1	1,557
May-05	49.0	1,730	44.9	1,586
May-06	49.0	1,730	45.8	1,617
May-07	49.0	1,730	46.2	1,632
May-08	48.9	1,727	46.6	1,646
May-09	49.0	1,730	48.1	1,699
May-10	49.1	1,734	50.4	1,780
May-11	49.1	1,734	51.6	1,822
May-12	49.1	1,734	53.0	1,872

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
May-13	49.1	1,734	53.7	1,896
May-14	95.1	3,358	54.2	1,914
May-15	226.5	7,999	57.0	2,013
May-16	226.5	7,999	70.2	2,479
May-17	64.9	2,292	87.6	3,094
May-18	2.3	81	92.9	3,281
May-19	14.2	501	87.1	3,076
May-20	14.2	501	80.0	2,825
May-21	14.2	501	74.5	2,631
May-22	22.2	784	69.7	2,461
May-23	49.4	1,745	65.6	2,317
May-24	49.4	1,745	63.2	2,232
May-25	49.4	1,745	61.5	2,172
May-26	49.5	1,748	60.0	2,119
May-27	49.5	1,748	59.2	2,091
May-28	49.5	1,748	58.9	2,080
May-29	49.6	1,752	58.7	2,073
May-30	49.6	1,752	58.5	2,066
May-31	49.7	1,755	58.1	2,052
Jun-01	53.6	1,893	57.5	2,031
Jun-02	51.7	1,826	56.7	2,002
Jun-03	49.1	1,734	56.6	1,999
Jun-04	49.2	1,737	55.8	1,971
Jun-05	49.3	1,741	55.9	1,974
Jun-06	49.2	1,737	56.3	1,988
Jun-07	48.8	1,723	56.6	1,999
Jun-08	48.9	1,727	56.8	2,006
Jun-09	49.0	1,730	56.3	1,988
Jun-10	49.1	1,734	56.3	1,988
Jun-11	49.3	1,741	56.1	1,981
Jun-12	49.3	1,741	56.1	1,981
Jun-13	49.5	1,748	56.7	2,002
Jun-14	49.6	1,752	57.2	2,020
Jun-15	48.8	1,723	57.6	2,034
Jun-16	48.9	1,727	57.4	2,027
Jun-17	49.0	1,730	56.6	1,999
Jun-18	49.1	1,734	56.3	1,988
Jun-19	49.2	1,737	56.1	1,981
Jun-20	49.3	1,741	55.7	1,967
Jun-21	49.3	1,741	54.6	1,928
Jun-22	49.4	1,745	53.8	1,900
Jun-23	49.5	1,748	53.5	1,889

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Jun-24	48.7	1,720	53.8	1,900
Jun-25	48.7	1,720	53.8	1,900
Jun-26	48.8	1,723	53.6	1,893
Jun-27	48.8	1,723	53.5	1,889
Jun-28	48.9	1,727	53.4	1,886
Jun-29	49.0	1,730	53.2	1,879
Jun-30	49.1	1,734	52.3	1,847
Jul-01	49.1	1,734	52.1	1,840
Jul-02	49.0	1,730	52.2	1,843
Jul-03	49.2	1,737	52.3	1,847
Jul-04	49.3	1,741	52.4	1,851
Jul-05	49.3	1,741	52.5	1,854
Jul-06	49.4	1,745	52.9	1,868
Jul-07	49.0	1,730	52.7	1,861
Jul-08	48.6	1,716	52.4	1,851
Jul-09	48.7	1,720	52.1	1,840
Jul-10	48.7	1,720	52.2	1,843
Jul-11	104.2	3,680	52.8	1,865
Jul-12	226.5	7,999	54.5	1,925
Jul-13	226.5	7,999	68.7	2,426
Jul-14	226.5	7,999	87.3	3,083
Jul-15	226.5	7,999	106.0	3,743
Jul-16	226.5	7,999	122.0	4,308
Jul-17	226.5	7,999	136.0	4,803
Jul-18	226.5	7,999	150.0	5,297
Jul-19	211.8	7,480	162.0	5,721
Jul-20	169.9	6,000	170.0	6,004
Jul-21	169.9	6,000	171.0	6,039
Jul-22	169.9	6,000	171.0	6,039
Jul-23	169.9	6,000	170.0	6,004
Jul-24	169.9	6,000	170.0	6,004
Jul-25	169.9	6,000	169.0	5,968
Jul-26	169.9	6,000	170.0	6,004
Jul-27	169.9	6,000	170.0	6,004
Jul-28	256.4	9,055	171.0	6,039
Jul-29	255.0	9,005	186.0	6,569
Jul-30	40.2	1,420	195.0	6,886
Jul-31	169.9	6,000	178.0	6,286
Aug-01	169.9	6,000	173.0	6,109
Aug-02	169.9	6,000	172.0	6,074
Aug-03	169.9	6,000	172.0	6,074
Aug-04	264.3	9,334	172.0	6,074

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Aug-05	453.1	16,001	190.0	6,710
Aug-06	453.1	16,001	232.0	8,193
Aug-07	269.2	9,507	272.0	9,606
Aug-08	14.1	498	272.0	9,606
Aug-09	14.1	498	236.0	8,334
Aug-10	66.0	2,331	201.0	7,098
Aug-11	169.9	6,000	176.0	6,215
Aug-12	169.9	6,000	170.0	6,004
Aug-13	169.9	6,000	168.0	5,933
Aug-14	169.9	6,000	167.0	5,898
Aug-15	169.9	6,000	166.0	5,862
Aug-16	169.9	6,000	166.0	5,862
Aug-17	117.9	4,164	165.0	5,827
Aug-18	14.0	494	160.0	5,650
Aug-19	14.0	494	143.0	5,050
Aug-20	14.0	494	127.0	4,485
Aug-21	14.0	494	113.0	3,991
Aug-22	14.0	494	99.9	3,528
Aug-23	14.0	494	90.1	3,182
Aug-24	14.0	494	82.0	2,896
Aug-25	14.0	494	74.3	2,624
Aug-26	14.0	494	68.2	2,408
Aug-27	14.0	494	62.7	2,214
Aug-28	14.0	494	57.7	2,038
Aug-29	15.7	554	53.3	1,882
Aug-30	19.1	675	49.8	1,759
Aug-31	19.1	675	46.9	1,656
Sep-01	32.9	1,162	44.6	1,575
Sep-02	32.9	1,162	42.7	1,508
Sep-03	32.9	1,162	40.9	1,444
Sep-04	33.0	1,165	39.9	1,409
Sep-05	33.0	1,165	38.9	1,374
Sep-06	32.9	1,162	38.2	1,349
Sep-07	32.9	1,162	37.3	1,317
Sep-08	32.9	1,162	36.9	1,303
Sep-09	32.9	1,162	36.7	1,296
Sep-10	32.9	1,162	36.6	1,293
Sep-11	32.9	1,162	36.3	1,282
Sep-12	32.9	1,162	35.9	1,268
Sep-13	32.9	1,162	35.8	1,264
Sep-14	32.9	1,162	35.9	1,268
Sep-15	32.9	1,162	35.8	1,264

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Sep-16	32.9	1,162	35.7	1,261
Sep-17	32.9	1,162	35.6	1,257
Sep-18	32.9	1,162	35.2	1,243
Sep-19	32.9	1,162	35.1	1,240
Sep-20	32.9	1,162	34.9	1,232
Sep-21	32.8	1,158	34.7	1,225
Sep-22	32.8	1,158	34.5	1,218
Sep-23	32.8	1,158	34.4	1,215
Sep-24	32.8	1,158	34.5	1,218
Sep-25	32.8	1,158	34.4	1,215
Sep-26	32.8	1,158	33.6	1,187
Sep-27	32.8	1,158	33.3	1,176
Sep-28	32.8	1,158	33.2	1,172
Sep-29	32.8	1,158	33.2	1,172
Sep-30	32.8	1,158	33.2	1,172
Oct-01	32.8	1,158	33.1	1,169
Oct-02	32.7	1,155	32.6	1,151
Oct-03	32.7	1,155	32.3	1,141
Oct-04	32.7	1,155	32.1	1,134
Oct-05	32.7	1,155	31.9	1,127
Oct-06	32.7	1,155	31.8	1,123
Oct-07	32.7	1,155	31.7	1,119
Oct-08	32.6	1,151	31.6	1,116
Oct-09	32.6	1,151	31.6	1,116
Oct-10	32.6	1,151	31.9	1,127
Oct-11	32.6	1,151	31.6	1,116
Oct-12	32.6	1,151	31.7	1,119
Oct-13	32.6	1,151	31.8	1,123
Oct-14	32.6	1,151	31.9	1,127
Oct-15	32.5	1,148	31.7	1,119
Oct-16	32.5	1,148	32.1	1,134
Oct-17	32.5	1,148	32.9	1,162
Oct-18	32.5	1,148	32.9	1,162
Oct-19	32.5	1,148	32.9	1,162
Oct-20	32.5	1,148	32.8	1,158
Oct-21	32.5	1,148	33.0	1,165
Oct-22	32.5	1,148	33.2	1,172
Oct-23	32.7	1,155	33.3	1,176
Oct-24	32.8	1,158	33.3	1,176
Oct-25	32.8	1,158	33.3	1,176
Oct-26	32.8	1,158	33.3	1,176
Oct-27	32.9	1,162	33.4	1,180

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Oct-28	32.9	1,162	33.5	1,183
Oct-29	32.9	1,162	33.8	1,194
Oct-30	32.9	1,162	34.0	1,201
Oct-31	32.9	1,162	34.2	1,208
Nov-01	32.9	1,162	34.0	1,201
Nov-02	32.9	1,162	34.1	1,204
Nov-03	32.9	1,162	34.6	1,222
Nov-04	33.0	1,165	35.5	1,254
Nov-05	33.0	1,165	35.6	1,257
Nov-06	32.5	1,148	35.6	1,257
Nov-07	32.1	1,134	35.5	1,254
Nov-08	32.1	1,134	35.5	1,254
Nov-09	32.1	1,134	35.5	1,254
Nov-10	32.1	1,134	35.4	1,250
Nov-11	32.1	1,134	35.5	1,254
Nov-12	32.1	1,134	35.5	1,254
Nov-13	32.1	1,134	35.5	1,254
Nov-14	32.1	1,134	35.4	1,250
Nov-15	32.1	1,134	35.4	1,250
Nov-16	32.1	1,134	35.4	1,250
Nov-17	32.1	1,134	35.3	1,247
Nov-18	32.1	1,134	35.3	1,247
Nov-19	32.1	1,134	35.3	1,247
Nov-20	32.1	1,134	35.1	1,240
Nov-21	32.1	1,134	35.0	1,236
Nov-22	32.0	1,130	34.8	1,229
Nov-23	32.0	1,130	34.5	1,218
Nov-24	32.0	1,130	34.3	1,211
Nov-25	32.0	1,130	34.3	1,211
Nov-26	32.0	1,130	34.3	1,211
Nov-27	32.1	1,134	34.1	1,204
Nov-28	32.0	1,130	34.3	1,211
Nov-29	32.0	1,130	34.2	1,208
Nov-30	32.0	1,130	34.3	1,211
Dec-01	32.0	1,130	34.4	1,215
Dec-02	32.0	1,130	34.4	1,215
Dec-03	32.0	1,130	34.4	1,215
Dec-04	32.0	1,130	34.4	1,215
Dec-05	32.0	1,130	34.4	1,215
Dec-06	32.0	1,130	34.4	1,215
Dec-07	31.9	1,127	34.4	1,215
Dec-08	31.9	1,127	34.5	1,218

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Dec-09	31.9	1,127	34.4	1,215
Dec-10	31.9	1,127	34.4	1,215
Dec-11	31.9	1,127	34.1	1,204
Dec-12	31.8	1,123	33.8	1,194
Dec-13	31.8	1,123	33.6	1,187
Dec-14	32.3	1,141	33.5	1,183
Dec-15	32.7	1,155	33.4	1,180
Dec-16	32.7	1,155	33.3	1,176
Dec-17	32.7	1,155	33.3	1,176
Dec-18	32.7	1,155	33.2	1,172
Dec-19	32.7	1,155	33.3	1,176
Dec-20	32.7	1,155	33.1	1,169
Dec-21	32.6	1,151	33.2	1,172
Dec-22	32.6	1,151	33.2	1,172
Dec-23	32.6	1,151	33.2	1,172
Dec-24	32.6	1,151	33.3	1,176
Dec-25	32.6	1,151	33.2	1,172
Dec-26	32.6	1,151	33.3	1,176
Dec-27	32.6	1,151	34.0	1,201
Dec-28	32.6	1,151	34.3	1,211
Dec-29	32.6	1,151	34.3	1,211
Dec-30	32.5	1,148	34.2	1,208
Dec-31	32.5	1,148	34.3	1,211
Jan-01	32.5	1,148	34.1	1,204
Jan-02	32.5	1,148	34.1	1,204
Jan-03	32.5	1,148	34.1	1,204
Jan-04	32.5	1,148	34.1	1,204
Jan-05	32.5	1,148	34.1	1,204
Jan-06	32.5	1,148	34.0	1,201
Jan-07	32.5	1,148	34.0	1,201
Jan-08	32.5	1,148	34.0	1,201
Jan-09	32.5	1,148	34.0	1,201
Jan-10	32.5	1,148	34.0	1,201
Jan-11	32.5	1,148	33.9	1,197
Jan-12	32.4	1,144	33.9	1,197
Jan-13	32.4	1,144	33.9	1,197
Jan-14	32.4	1,144	33.9	1,197
Jan-15	32.4	1,144	33.9	1,197
Jan-16	32.4	1,144	33.9	1,197
Jan-17	32.4	1,144	33.9	1,197
Jan-18	32.4	1,144	33.9	1,197
Jan-19	32.4	1,144	33.9	1,197

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Jan-20	32.3	1,141	33.9	1,197
Jan-21	32.3	1,141	33.9	1,197
Jan-22	32.3	1,141	33.9	1,197
Jan-23	32.3	1,141	33.9	1,197
Jan-24	32.3	1,141	33.9	1,197
Jan-25	32.3	1,141	33.9	1,197
Jan-26	32.3	1,141	34.0	1,201
Jan-27	32.2	1,137	34.0	1,201
Jan-28	32.2	1,137	34.0	1,201
Jan-29	32.3	1,141	34.0	1,201
Jan-30	32.2	1,137	34.0	1,201
Jan-31	32.2	1,137	34.0	1,201
Feb-01	32.2	1,137	34.1	1,204
Feb-02	32.2	1,137	34.1	1,204
Feb-03	32.2	1,137	34.2	1,208
Feb-04	32.2	1,137	34.2	1,208
Feb-05	32.1	1,134	34.3	1,211
Feb-06	32.1	1,134	35.4	1,250
Feb-07	32.1	1,134	37.6	1,328
Feb-08	32.5	1,148	34.6	1,222
Feb-09	32.5	1,148	34.7	1,225
Feb-10	33.0	1,165	34.8	1,229
Feb-11	33.0	1,165	34.8	1,229
Feb-12	32.9	1,162	36.2	1,278
Feb-13	32.9	1,162	34.9	1,232
Feb-14	32.9	1,162	34.5	1,218
Feb-15	32.9	1,162	38.5	1,360
Feb-16	32.9	1,162	40.1	1,416
Feb-17	32.9	1,162	41.5	1,466
Feb-18	32.8	1,158	37.1	1,310
Feb-19	32.8	1,158	35.2	1,243
Feb-20	32.8	1,158	34.7	1,225
Feb-21	32.8	1,158	35.6	1,257
Feb-22	32.8	1,158	36.3	1,282
Feb-23	32.7	1,155	34.7	1,225
Feb-24	32.7	1,155	36.7	1,296
Feb-25	32.7	1,155	34.8	1,229
Feb-26	32.7	1,155	34.8	1,229
Feb-27	32.7	1,155	34.5	1,218
Feb-28	32.6	1,151	33.7	1,190
Mar-01	32.6	1,151	33.3	1,176
Mar-02	32.6	1,151	33.3	1,176

Table 1 (continued)
 Observed Skins Lake Spillway Releases and Flows in Nechako River
 Below Cheslatta Falls 2000/2001 Water Year (April 1, 2000 to March 31, 2001)

Date 2000/2001	Skins Lake Spillway Release		Nechako R. Below Cheslatta Falls	
	(m ³ /s)	(cfs)	(m ³ /s)	(cfs)
Mar-03	32.6	1,151	33.3	1,176
Mar-04	32.6	1,151	33.4	1,180
Mar-05	32.5	1,148	33.4	1,180
Mar-06	32.5	1,148	33.5	1,183
Mar-07	32.5	1,148	33.5	1,183
Mar-08	32.5	1,148	33.5	1,183
Mar-09	32.5	1,148	33.6	1,187
Mar-10	32.4	1,144	33.6	1,187
Mar-11	32.4	1,144	33.7	1,190
Mar-12	32.4	1,144	33.7	1,190
Mar-13	32.4	1,144	33.6	1,187
Mar-14	32.4	1,144	33.5	1,183
Mar-15	32.4	1,144	33.3	1,176
Mar-16	32.3	1,141	33.1	1,169
Mar-17	32.3	1,141	33.0	1,165
Mar-18	32.3	1,141	33.1	1,169
Mar-19	32.3	1,141	33.1	1,169
Mar-20	32.3	1,141	33.2	1,172
Mar-21	32.2	1,137	33.2	1,172
Mar-22	32.2	1,137	33.3	1,176
Mar-23	32.2	1,137	33.3	1,176
Mar-24	32.2	1,137	33.4	1,180
Mar-25	32.1	1,134	33.4	1,180
Mar-26	32.4	1,144	33.5	1,183
Mar-27	32.1	1,134	33.6	1,187
Mar-28	33.0	1,165	33.6	1,187
Mar-29	33.0	1,165	33.7	1,190
Mar-30	33.0	1,165	33.8	1,194
Mar-31	32.9	1,162	33.9	1,197
Mean Annual	52.2	1,842	54.5	1,926