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## Snowpack and Water Supply Outlook for British Columbia

March 1, 2003

Some climate data estimated (March 6 posting)

Every effort is made to ensure that data reported on these pages are accurate. However, in order to update the graphs and indices as quickly as possible, some data may have been estimated. Please note that data provided on these pages are preliminary and subject to revision on review.

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Basin Data and Graphs

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[-Thompson](#)

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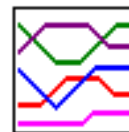
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Province-wide Synopsis



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Manual snow surveys have been conducted at 171 BC snow courses. These, together with data from 59 BC snow pillows, 24 out of province snow survey locations, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses.

### Snowpack

Snowpacks throughout BC still vary from slightly to far below normal for March 1. The northern quarter of the province, and a small area in the southern parts of the West Kootenay/Lower Columbia have near normal snowpacks. Much of the interior plateau, including the Nechako, parts of the Upper and Middle Fraser, and the North Thompson, have much less snow than normal for this date. Other areas which now have well below normal snow are the South Coast and lower Fraser. The Similkameen, Chilkotin, and some south west portions of the Okanagan appear to have far below normal snowpacks. Low elevation snow in the southern half of the province is quite low, as indicated by the Fraser low-elevation snow index of 47% of normal March 1 snow.

### Weather

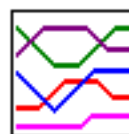
As indicated by Environment Canada valley bottom weather stations, weather over most of the province has been drier than usual over February (except the far north), with temperatures more variable.

## Outlook

If this winter's El Nino (drier & warmer) conditions persist through the remainder of the winter and into spring, freshet volumes in the southern three-quarters of the province will be well below normal. However, it appears the El Nino warm current is fading, and Environment Canada is now predicting a wetter than normal spring and early summer throughout the province, with the exception of the south coast. If so, this could increase freshet volumes significantly, and lessen potential water supply problems during the summer.

### [Environment Canada's EL Nino pages](#)

#### Upper Fraser & Nechako Basins



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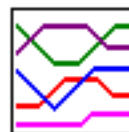
#### March 1

The Upper Fraser and Nechako basins both have well below usual snowpacks, with mid to upper elevation snow water indexes near 60% of normal for March 1. Around half of the snow readings in these basins are minimums of record. February temperatures and precipitation were nearer normal. Cumulative winter precipitation at Prince George is still well below normal, although in the north Nechako it appears to be near normal. The Fraser low-elevation snow water index is at 49% of normal for March 1, as a result of the generally drier winter, and the warmer temperatures of November through January.

Regional streamflows, as represented by the mean monthly flow in the Fraser River at Marguerite, were below usual during February, at 79% of normal.

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#### Middle and Lower Fraser



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## March 1

February precipitation was well below normal at Quesnel, with cumulative total precipitation since November 1 now less than half of normal winter precipitation. Temperatures during the month were average for the time of year. The snow water equivalent index for the middle Fraser basin mid and upper elevation stations is at 65% of normal snowpack for March 1, however much of the interior plateau has around half its normal snow. A narrow band from Bridge River through 100 Mile House appears to have nearer to usual snow.

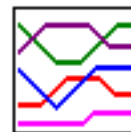
In the lower Fraser basin, the much drier month has resulted in the snow water index for mid and upper elevation snow stations dropping significantly, from 66% of normal on February 1 to 57% of normal March 1.

The Fraser low-elevation snow water index is at 49% of normal for March 1, as a result of the generally drier than usual winter, and the very warm Nov-Jan temperatures.

Regional streamflows as represented by the mean monthly flow in the Fraser River at Hope, continue to be low due to these drier conditions in the basin, at 69% of normal during February.

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### Thompson Basin



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## March 1

The North Thompson basin experienced far lower precipitation than usual during February, with cumulative winter total precipitation now at 70% of normal. Monthly mean temperature at Blue River was around 2 degrees C above normal. The March 1 snow index is at 67% of normal, down significantly from last month. Many of the snow measurements were minimums of record.

The South Thompson Snow index dropped very slightly from 77% of normal February 1 to 75% on March 1.

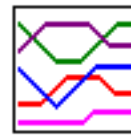
Streamflows, as measured by mean monthly flow in the Thompson at Spences

Bridge, were lower than usual for this time of year at 86% of normal.

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## Columbia Basin



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### March 1

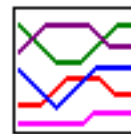
Snowpacks are below to well below normal in the Columbia basins. While the overall Columbia snow water index for March 1 is at 70% of normal, snowpacks vary through the basin. The extreme upper Columbia is drier, with snowpacks in the Golden area at around 60% of usual, with conditions gradually improving towards the lower Columbia, where some areas around the Arrow Lakes appear to have only slightly below normal mid and upper elevation snowpacks. Precipitation during February was far less than usual, bringing cumulative winter totals to 72% of normal.

Streamflows, as represented by the mean monthly flow in the Columbia River at Donald, were well above normal during February, possibly due to a higher than usual (2 degrees C) mean monthly temperature and low elevation snowmelt.

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## Kootenay Basin



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### March 1

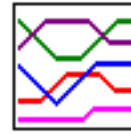
Snowpacks in the Kootenays also vary. While the overall Kootenay snow Index is at 70% of normal, the East Kootenays along the Rockies on March 1 had many readings less than 60% of normal, varying as you move west to 60-70% in the West Kootenays. Southern portions of the West Kootenays appear to have only slightly below normal mid to upper elevation snowpacks.

Streamflows, as measured by the mean monthly flow in the Kootenay River at Ft Steele, were fairly low during February (note that there is little valley bottom area above this gauge location, and low elevation snowmelt would have less impact than in the above mentioned Columbia R at Donald).

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## Okanagan, Kettle, and Similkameen Basins



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### March 1

The February precipitation and winter cumulative precipitation at Kelowna are both around 75% of normal. Monthly mean temperature in February was 2 degrees C above normal. Snowpacks reflect this, with the Okanagan-Kettle snow water index at 75% of normal for March 1. There is some variation, with the western side of the Okanagan generally having less than 60% of normal snow, and the SE Okanagan where snowpacks at the higher elevations appear only slightly below normal.

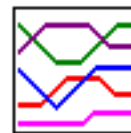
The Similkameen appears to have had a much drier month, with precipitation at Princeton of only 22% of normal for February. Temperatures over the month were slightly above normal. The snowpack is far below normal with the snow water equivalent index for the Similkameen at only 49% of normal.

Streamflows in the region, as represented by the monthly inflows to Okanagan Lake, were far below normal during February.

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## Vancouver Island & Coastal Regions



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### March 1

A very dry February has brought cumulative winter precipitation totals at Vancouver down to 72% of normal. The South Coast snow water index has dropped significantly from below normal in January to far below (54% of normal) on March 1. Limited data from the Central Coast indicates snowpacks there are also far below normal for this date.

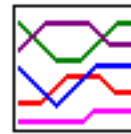
Vancouver Island also experience a very dry February, however the preceeding two months had been quite wet, bringing cumulative Nov-Feb total precipitation to near normal. The snow water index is at 69% of normal for March 1.

Streamflows, as represented by the mean monthly inflows to Upper Campbell Lake, were lower due to the dry month, at 74% of normal over February.

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## North East Region



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### March 1

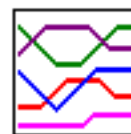
The northern quarter of BC has been much less affected by El Nino than the southern regions, with cumulative winter precipitation at Ft St John and Ft Nelson near to above normal. While some of the southernmost areas of the Peace basin have well below normal snowpacks, the snow increases as you move north. Sparse data indicates that the Liard basin has only slightly below normal snowpacks.

Streamflows in the region, as represented by mean monthly inflows to Williston Lake, were well above normal during February.

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## NorthWest Region



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## March 1

Snowpacks in the Skeena are below normal , with a snow water index of 68% of usual. As in Northeast BC, as you move north the snowpack increases. The Stikine snow water index is at 86% of normal, reflecting the relatively high precipitation over the last two months.

Streamflows in the region, as measured by the mean monthly flow in the Skeena River at Usk, were slightly below normal during February.

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# UPPER and MIDDLE FRASER

*March 1, 2003*

## UPPER FRASER

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
HANSARD	1A06A	610	27	54	141	136	101	396	44	196	30
PRINCE GEORGE A	1A10	690	28	53	96	107	73	296	33	136	41
PACIFIC LAKE	1A11	770	23	134	326	540	294	832	277	569	40
BURNS LAKE	1A16	800	04	41	80	112	80	240	60	143	31
CANOE RIVER	2A01A	910	26	20	38	100	55	251	32	113	62
PHILIP LAKE	4A13	980	24	84	208	260	138	382	138	252	39
HEDRICK LAKE	1A14	1100	23	159	394	554	327	954	327	618	35
HEDRICK LAKE	1A14P	1100	01	-	491	761	386	761	386	605*	3
BIRD CREEK	1A23	1180	04	37	74	150	88	232	88	135*	13
KAZA LAKE	1A12	1190	24	92	213	328	270	478	186	297	37
LU LAKE	4B15	1300	28	53	122	300	174	406	140	269	24
FORFAR CREEK (UPPER)	1A24	1410	25	88	276	638	388	648	328	462	9
EQUITY MINE	4B14	1420	28	81	190	410	272	514	204	351	25
MOUNT SHEBA	4A18	1490	23	170	432	848	410	1037	394	715	32



BARKERVILLE	1A03P	1520	01	-	150A	270	158	479	158	319	24
KNUDSEN LAKE	1A15	1580	23	170	409	737	404	1098	404	722	32
MC BRIDE (UPPER)	1A02	1580	25	88	234	320	169	594	169	361	49
NARROW LAKE	1A21	1650	26	152	455	-	515	1300	419	777	27
REVOLUTION CREEK	1A17P	1690	01	-	393	754	336	1119	336	696	17
LONGWORTH (UPPER)	1A05	1740	23	159	438	760	436	1104	307	674	45
DOME MOUNTAIN	1A19	1820	25	128	318	615	378	981	351	650	29
MARMOT JASPER	AL12	1830	25	55	117	201	91	314	91	200*	19
YELLOWHEAD	1A01	1860	25	97	253	417	189	660	185	432	32
YELLOWHEAD	1A01P	1860	01	-	371	514	266	720	266	499	6
HOLMES RIVER	1A18	1900	25	151	455	624	327	910	321	620	29
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## NECHAKO

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
SKINS LAKE	1B05	880	04	29	60	109	70	226	54	115	39
TAHTSA LAKE	1B02	1300	03	193	666	1476	828	1476	571	1025	51
TAHTSA LAKE	1B02P	1300	01	-	692	1442	896	1512	661	1084	9

KIDPRICE LAKE	4B01	1370	03	140	461	1137	655	1137	429	802	51
MOUNT PONDOSY	1B08P	1400	01	-	360	994	558	994	405	710	10
MOUNT WELLS	1B01	1490	03	79	244	562	288	886	277	464	50
NUTLI LAKE	1B07	1490	04	85	229	649	324	651	304	487*	12
MOUNT WELLS	1B01P	1490	01	-	244	579	351	607	329	495	10
MOUNT SWANNELL	1B06	1620	03	52	132	315	173	446	148	263*	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## MIDDLE FRASER

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	27	9	20	48	36	128	0	63	32
BROOKMERE	1C01	980	28	39	113	147	135	351	53	194	58
NAZKO	1C08	1070	Not Available			60	50	155	0	80	26
BIG CREEK	1C21	1140	27	9	10	42	48	112	0	55	31
GRANITE MOUNTAIN	1C33	1150	28	48	87	167	100	254	94	164	10
DUFFY LAKE	1C28	1200	01	102	323	480	242	762	194	459	24
PAVILION	1C06	1230	26	11	20	70	50	168	0	71	46
LAC LE JEUNE (LOWER)	1C07	1370	27	29	65	77	60	244	20	101	44

BRIDGE GLACIER (LOWER)	1C39	1400	27	125	392	542	304	954	304	574*	8
DEADMAN RIVER	1C32	1430	26	31	44	107	85A	170	62	105	19
BRALORNE	1C14	1450	27	37	110	170	97	363	0	169	39
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	96	235	155	398	104	253	22
BOSS MOUNTAIN MINE	1C20P	1460	01	-	308	533	315	735	315	511	9
BRENDA MINE	2F18	1460	26	62	155	276	150	495	130	287	34
LAC LE JEUNE (UPPER)	1C25	1460	27	38	90	117	78	213	13A	134	30
BRENDA MINE	2F18P	1460	01	-	212	389	184	431	184	342	10
HIGHLAND VALLEY	1C09A	1510	27	29	64	90	46	229	25A	89	37
BARKERVILLE	1A03P	1520	01	-	150A	270	158	479	158	319	24
HORSEFLY MOUNTAIN	1C13A	1550	04	85	252	-	302	624	238	418	30
GNAWED MOUNTAIN	1C19	1580	27	28	76	106	58	259	15	111	35
MOUNT TIMOTHY	1C17	1660	01	60	239	262	173	468	141	285	40
YANKS PEAK EAST	1C41P	1670	01	-	398	660	443	900	443	700	6
PENFOLD CREEK	1C23	1680	26	172	540	928	453	1132	453	828	28
GREEN MOUNTAIN	1C12P	1780	01	-	613	930	445	1259	445	754	9
MCGILLIVRAY PASS	1C05	1800	27	116	349	582	302	1016	222	522	51
MISSION RIDGE	1C18P	1850	01	-	277	561	287	866	269	515	16
DOWNTON LAKE (UPPER)	1C38	1890	27	149	518	876	458	1250	458	755	8

TYAUGHTON CREEK (NORTH)	1C40	1950	27	105	320	480	282	916	282	368	8
BRALORNE (UPPER)	1C37	1980	27	100	322	674	370	944	370	631	8

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

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**MIDDLE and LOWER FRASER***March 1, 2003***MIDDLE FRASER****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	27	9	20	48	36	128	0	63	32
BROOKMERE	1C01	980	28	39	113	147	135	351	53	194	58
NAZKO	1C08	1070	Not Available			60	50	155	0	80	26
BIG CREEK	1C21	1140	27	9	10	42	48	112	0	55	31
GRANITE MOUNTAIN	1C33	1150	28	48	87	167	100	254	94	164	10
DUFFY LAKE	1C28	1200	01	102	323	480	242	762	194	459	24
PAVILION	1C06	1230	26	11	20	70	50	168	0	71	46
LAC LE JEUNE (LOWER)	1C07	1370	27	29	65	77	60	244	20	101	44
BRIDGE GLACIER (LOWER)	1C39	1400	27	125	392	542	304	954	304	574*	8
DEADMAN RIVER	1C32	1430	26	31	44	107	85A	170	62	105	19
BRALORNE	1C14	1450	27	37	110	170	97	363	0	169	39
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	96	235	155	398	104	253	22

BOSS MOUNTAIN MINE	1C20P	1460	01	-	308	533	315	735	315	511	9
BRENDA MINE	2F18	1460	26	62	155	276	150	495	130	287	34
LAC LE JEUNE (UPPER)	1C25	1460	27	38	90	117	78	213	13A	134	30
BRENDA MINE	2F18P	1460	01	-	212	389	184	431	184	342	10
HIGHLAND VALLEY	1C09A	1510	27	29	64	90	46	229	25A	89	37
BARKERVILLE	1A03P	1520	01	-	150A	270	158	479	158	319	24
HORSEFLY MOUNTAIN	1C13A	1550	04	85	252	-	302	624	238	418	30
GNAWED MOUNTAIN	1C19	1580	27	28	76	106	58	259	15	111	35
MOUNT TIMOTHY	1C17	1660	01	60	239	262	173	468	141	285	40
YANKS PEAK EAST	1C41P	1670	01	-	398	660	443	900	443	700	6
PENFOLD CREEK	1C23	1680	26	172	540	928	453	1132	453	828	28
GREEN MOUNTAIN	1C12P	1780	01	-	613	930	445	1259	445	754	9
MCGILLIVRAY PASS	1C05	1800	27	116	349	582	302	1016	222	522	51
MISSION RIDGE	1C18P	1850	01	-	277	561	287	866	269	515	16
DOWNTON LAKE (UPPER)	1C38	1890	27	149	518	876	458	1250	458	755	8
TYAUGHTON CREEK (NORTH)	1C40	1950	27	105	320	480	282	916	282	368	8
BRALORNE (UPPER)	1C37	1980	27	100	322	674	370	944	370	631	8

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## LOWER FRASER

## Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	01	12	40	176	100	232	0	98*	27
SUMMALLO RIVER WEST	3D01C	790	27	20	59	263	188	442	79	271	11
BROOKMERE	1C01	980	28	39	113	147	135	351	53	194	58
CALLAGHAN CREEK	3A20	1040	26	115	372	722	472	1260	200	770	25
DISAPPOINTMENT LAKE	1D18P	1040	25	-	620P	1476P	904P	1746	904P	1353*	4
DICKSON LAKE	1D16	1070	25	182	688	1490A	796	1490A	542	1263	10
DOG MOUNTAIN	3A10	1080	24	93	366	1149	518	2146Z	345	1016	19
BEAVER PASS	WA12	1120	01	112	384	764	307	1298	30	656*	54
KLESILKWA	3D03A	1130	25	32	63	415	118	759	0	296	52
SPUZZUM CREEK	1D19P	1180	01	-	739	1620	746	1620	746	1286*	3
DUFFEY LAKE	1C28	1200	01	102	323	480	242	762	194	459	24
STAVE LAKE	1D08	1210	25	196	739	1309	721	2500A	353	1285	35
WAHLEACH LAKE	1D09	1400	25	93	259	640	356	1072	86	528	36
WAHLEACH LAKE	1D09P	1400	01	-	494	1094	634	1213	634	955	10
NAHATLATCH RIVER	1D10	1520	25	205	764	1340A	565	2380A	450	1194	34
EASY PASS	WA13	1580	Not Available			-	665	2913	478	1652*	36
CHILLIWACK RIVER	1D17P	1600	01	-	795	1474	795	1567	795	1154*	9
GREAT BEAR	1D15P	1660	01	-	870	1658	750	1752	708	1423	11
TENQUILLE LAKE	1D06	1680	28	196	762	1096	608	1568	410	980	49
TENQUILLE LAKE	1D06P	1680	01	-	675	1058	518	1058	518	788*	2

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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**SKAGIT****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	27	20	59	263	188	442	79	271	11
FREEZEOUT CREEK TRAIL	WA11	1070	28	48	145	274	137	615	15	274*	54
BEAVER PASS	WA12	1120	01	112	384	764	307	1298	30	656*	54
KLESILKWA	3D03A	1130	25	32	63	415	118	759	0	296	52
LIGHTNING LAKE	3D02	1220	28	71	190	250	150	497	51	282	29
HARTS PASS	WA09	1980	27	203	688	1260	498	1636	312	949*	52
HARTS PASS	WA09P	1980	01	-	516	988	444	1320A	444	892*	5
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											



Banner

**THOMPSON***March 1, 2003***NORTH THOMPSON****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	02	58	179	266	226	411	210	290	20
KNOUFF LAKE	1E05	1200	27	31	76	151	94	284	36	133	44
COOK CREEK	1E14P	1280	01	-	308	499	338	499	338	436*	3
COOK FORKS	1E06	1390	28	186	570	888	462	1288	453	782	40
BOSS MOUNTAIN MINE	1C20P	1460	01	-	308	533	315	735	315	511	9
MOUNT COOK	1E02P	1550	01	-	821	1166	680	1166	680	923*	2
MOUNT COOK	1E02A	1580	01	230	748	1072	642	1550A	573	1054	29
AZURE RIVER	1E08P	1620	01	-	634	1024	548	1335	548	980	6
ADAMS RIVER	1E07	1720	Not Available			656	402	892	262	575	32

KOSTAL LAKE	1E10P	1770	01	-	477	727	485	1019	485	733	18
TROPHY MOUNTAIN	1E03A	1860	01	87	216	490	283	778	281	453	28
NORTH CLEMINA CREEK	1E13	1860	25	153	456	776	451	899	355	657	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## SOUTH THOMPSON

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	Not Available		292	276	635	200	337	46	
ABERDEEN LAKE	1F01A	1310	26	40	86	123	101	231	51	145	49
MONASHEE PASS	2E01	1370	24	82	202	271	169	442	149	306	43
BOULEAU LAKE	2F21	1400	23	70	188	266	172	432A	165	295	32
ADAMS RIVER	1E07	1720	Not Available		656	402	892	262	575	32	
KIRBYVILLE LAKE	2A25	1750	03	206	752	1160	613	1476	526	986	29
SILVER STAR MOUNTAIN	2F10	1840	23	150	456	729	347	912	347	636	44
PARK MOUNTAIN	1F03P	1890	01	-	554	786	383	1021	383	739	18
ENDERBY	1F04	1900	27	204	710	1030	440	1200	440	859	39

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

**MIDDLE FRASER****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	27	9	20	48	36	128	0	63	32
BROOKMERE	1C01	980	28	39	113	147	135	351	53	194	58
NAZKO	1C08	1070	Not Available			60	50	155	0	80	26
BIG CREEK	1C21	1140	27	9	10	42	48	112	0	55	31
GRANITE MOUNTAIN	1C33	1150	28	48	87	167	100	254	94	164	10
DUFFY LAKE	1C28	1200	01	102	323	480	242	762	194	459	24
PAVILION	1C06	1230	26	11	20	70	50	168	0	71	46
LAC LE JEUNE (LOWER)	1C07	1370	27	29	65	77	60	244	20	101	44
BRIDGE GLACIER (LOWER)	1C39	1400	27	125	392	542	304	954	304	574*	8
DEADMAN RIVER	1C32	1430	26	31	44	107	85A	170	62	105	19
BRALORNE	1C14	1450	27	37	110	170	97	363	0	169	39
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	96	235	155	398	104	253	22
BOSS MOUNTAIN MINE	1C20P	1460	01	-	308	533	315	735	315	511	9

BRENDA MINE	2F18	1460	26	62	155	276	150	495	130	287	34
LAC LE JEUNE (UPPER)	1C25	1460	27	38	90	117	78	213	13A	134	30
BRENDA MINE	2F18P	1460	01	-	212	389	184	431	184	342	10
HIGHLAND VALLEY	1C09A	1510	27	29	64	90	46	229	25A	89	37
BARKERVILLE	1A03P	1520	01	-	150A	270	158	479	158	319	24
HORSEFLY MOUNTAIN	1C13A	1550	04	85	252	-	302	624	238	418	30
GNAWED MOUNTAIN	1C19	1580	27	28	76	106	58	259	15	111	35
MOUNT TIMOTHY	1C17	1660	01	60	239	262	173	468	141	285	40
YANKS PEAK EAST	1C41P	1670	01	-	398	660	443	900	443	700	6
PENFOLD CREEK	1C23	1680	26	172	540	928	453	1132	453	828	28
GREEN MOUNTAIN	1C12P	1780	01	-	613	930	445	1259	445	754	9
MCGILLIVRAY PASS	1C05	1800	27	116	349	582	302	1016	222	522	51
MISSION RIDGE	1C18P	1850	01	-	277	561	287	866	269	515	16
DOWNTON LAKE (UPPER)	1C38	1890	27	149	518	876	458	1250	458	755	8
TYAUGHTON CREEK (NORTH)	1C40	1950	27	105	320	480	282	916	282	368	8
BRALORNE (UPPER)	1C37	1980	27	100	322	674	370	944	370	631	8

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

Banner

# COLUMBIA

*March 1, 2003*

## UPPER COLUMBIA

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	26	20	38	100	55	251	32	113	62
DOWNIE SLIDE (LOWER)	2A27	980	03	132	386	578	-	1018	378	631	23
GLACIER	2A02	1250	27	140	409	568	378	952	251	631	63
FIELD	2A03A	1280	26	39	70	92	101	248	53	162	63
SUNWAPTA FALLS	AL11	1400	26	46	99	135	94	277	79	170*	31
VERMONT CREEK	2A19	1520	05	86	232	354	159	643	152	400	36
AZURE RIVER	1E08P	1620	01	-	634	1024	548	1335	548	980	6
DOWNIE SLIDE (UPPER)	2A29	1630	03	243	930	1260	614	2120	614	1139	23
KICKING HORSE	2A07	1650	26	76	176	215	140	462	140	308	56
KIRBYVILLE LAKE	2A25	1750	03	206	752	1160	613	1476	526	986	29
MOUNT REVELSTOKE	2A06P	1830	01	-	738	-	577	1487	537	1014	8

NORTH CLEMINA CREEK	1E13	1860	25	153	456	776	451	899	355	657	14
FIDELITY MOUNTAIN	2A17	1870	26	209	701	1143	599	1703	534	1081	40
BEAVERFOOT	2A11	1890	05	50	108	174	80A	333	80A	192	41
KEYSTONE CREEK	2A18	1890	03	138	448	725	357	1277	357	696	34
BUSH RIVER	2A23	1920	03	148	457	769	377	1078	281	727	35
GOLDSTREAM	2A16	1920	03	212	741	1105	582	1351	553	968	39
NIGEL CREEK	AL10	1920	26	84	206	399	150	655	135	368*	31
MOLSON CREEK	2A21P	1980	01	-	641	1043	510	1109	437	865	19
MOUNT ABBOT	2A14	1980	28	211	708	1119	549	1448	508	1051	43
SUNBEAM LAKE	2A22	2010	03	178	577	805	408	1117	389	780	34
MIRROR LAKE	AL06	2030	26	64	140	302	122	483	122	259*	36
BOW SUMMIT II	AL07A	2080	26	74	157	376	137	533	124	322*	23

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LOWER COLUMBIA

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
FERGUSON	2D02	880	25	105	297	408	283	796	283	539	51
BAIRD	WA02	980	24	56	140	203	162	368	0	185*	44
FARRON	2B02A	1220	24	89	219	268	160	450	79	295	30

MONASHEE PASS	2E01	1370	24	82	202	271	169	442	149	306	43
WHATSHAN (UPPER)	2B05	1480	24	146	449	519	285	918	285	611	41
BARNES CREEK	2B06	1620	24	132	384	428	266	634	251	447	41
BARNES CREEK	2B06P	1620	01	-	397	446	229	682	229	440	9
ST. LEON CREEK	2B08	1800	24	236	755	1207	500	1621	500	1098	33
ST. LEON CREEK	2B08P	1800	01	-	656	1013	416	1392	416	974	9
KOCH CREEK	2B07	1860	24	164	571	679	337	996	269	625	38
RECORD MOUNTAIN	2B09	1890	01	168	608	691	277	1136	147	628	28
EAST CREEK	2D08P	2030	01	-	424	720	330	1167	312	790	22

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

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# KOOTENAY

*March 1, 2003*

## EAST KOOTENAY

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
KISHENEHN	MT01	1190	24	51	119	203	117	399	36	211*	57
FERNIE EAST	2C07	1250	02	71	168	318	118	584	61	313	52
SINCLAIR PASS	2C01	1370	28	28	56	82	67	262	48	126	56
BRUSH CREEK TIMBER	MT03	1520	26	36	89	157	142	432	86	223*	50
MARBLE CANYON	2C05	1520	28	80	185	303	153	579	152	330	56
SULLIVAN MINE	2C04	1550	26	76	198	224	121	465	53	268	57
WEASEL DIVIDE	MT02	1660	28	155	442	803	287	1257	254	740*	44
KIMBERLEY (MIDDLE) V O R	2C12	1680	23	71	172	213	111	386	97	242	34
BANFIELD MOUNTAIN	MT05P	1710	01	-	282	434	239	663	239	405*	5



MOUNT JOFFRE	2C16	1750	05	85	184	370	122	551	122	329	31
MORRISSEY RIDGE	2C09Q	1800	01	-	428	686	232	1074	232	620	19
MOYIE MOUNTAIN	2C10P	1930	01	-	285	435	219	653	149	338	23
HAWKINS LAKE	MT06P	1970	01	-	427	610	254	881	254	509*	5
ALLISON PASS	AL01	1980	24	89	234	375	189	625	189	409*	20
WILKINSON SUMMIT (BUSH)	AL03	1980	24	27	62	-	-	307	122	180*	13
THUNDER CREEK	2C17	2010	Not Measured			219	93	378	91	239	33
FLOE LAKE	2C14	2090	05	154	448	682	279	993	279	665	33
FLOE LAKE	2C14P	2090	01	-	413	634	300	889	254	614	8
KIMBERLEY (UPPER) V O R	2C11	2140	23	101	273	373	152	696	152	390	34
HIGHWOOD SUMMIT (BUSH)	AL02	2210	25	83	198	404	145	455	145	328*	24
MOUNT ASSINIBOINE	2C15	2230	05	116	302	489	185	680	185	454	33
SUNSHINE VILLAGE	AL05	2230	27	124	302	569	211	770	211	495*	32

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## WEST KOOTENAY

### Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2003	2002	2001	Max.	Min.	Normal	No. Years Record
DUNCAN LAKE NO. 2	2D07A	650	26	27	92	112	108	263	72	142*	12
FERGUSON	2D02	880	25	105	297	408	283	796	283	539	51
NELSON	2D04	930	24	90	216	326	201	558	140	353	63
SANDON	2D03	1070	28	70	210	270	214	475	214	347	26
CHAR CREEK	2D06	1310	01	135	430	446	231	754	231	476	35
BUNCHGRASS MEADOW	WA01P	1520	01	-	625	711	318	1049	318	665*	5
GRAY CREEK (LOWER)	2D05	1550	04	101	264	-	245	663	201	406	53
KOCH CREEK	2B07	1860	24	164	571	679	337	996	269	625	38
MOUNT TEMPLEMAN	2D09	1860	Not Measured			892	490	1534	490	935	33
GRAY CREEK (UPPER)	2D10	1910	04	154	513	-	343	955	343	651	32
EAST CREEK	2D08P	2030	01	-	424	720	330	1167	312	790	22
REDFISH CREEK	2D14P	2104	01	-	761	1256	-	1256	1256	1256*	1

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

Banner

**KETTLE, OKANAGAN and SIMILKAMEEN***March 1, 2003***KETTLE****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
FARRON	2B02A	1220	24	89	219	268	160	450	79	295	30
GOAT CREEK	WA04	1220	24	51	142	135	112	300	0	162*	40
CARMI	2E02	1250	02	43	100	102	88	274	56	147	40
MONASHEE PASS	2E01	1370	24	82	202	271	169	442	149	306	43
SUMMIT G.S.	WA05	1400	24	84	213	173	160	305	63	190*	39
BIG WHITE MOUNTAIN	2E03	1680	03	117	328	454	234	676	213	426	37
GRANO CREEK	2E07P	1860	01	-	334	510	206	634	206	440*	5

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

**OKANAGAN**

## Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
MC CULLOCH	2F03	1280	28	46	79	130	107	249	71	157	63
SUMMERLAND RESERVOIR	2F02	1280	27	52	108	215	116	381	97	214	42
ABERDEEN LAKE	1F01A	1310	26	40	86	123	101	231	51	145	49
OYAMA LAKE	2F19	1340	27	40	81	147	111	241	73	157	33
POSTILL LAKE	2F07	1370	28	54	122	183	147	274	98	186	53
BOULEAU LAKE	2F21	1400	23	70	188	266	172	432A	165	295	32
VASEUX CREEK	2F20	1400	27	32	76	72	60	284	60	139	32
TROUT CREEK	2F01	1430	25	41	117	190	138	335	55	169	63
BRENDA MINE	2F18	1460	26	62	155	276	150	495	130	287	34
BRENDA MINE	2F18P	1460	01	-	212	389	184	431	184	342	10
ISLAHT LAKE	2F24	1480	27	66	180	330	165	497	165	317	21
GREYBACK RESERVOIR	2F08	1550	27	69	191	174	123	312	91	198	36
ESPERON CR (UPPER)	2F13	1650	23	82	210	412	182	635	157	371	34
ISINTOK LAKE	2F11	1680	28	38	66	129	133	358	53	164	38
MACDONALD LAKE	2F23	1740	26	84	208	479	241	583	170	394	26
MUTTON CREEK NO. 1	WA07	1740	28	102	330	335B	140	589	0	306*	59
MISSION CREEK	2F05P	1780	01	-	304	514	206	610	206	388	31
GRAYSTOKE LAKE	2F04	1810	03	80	200	352	128	605	128	330	24
MOUNT KOBAU	2F12	1810	01	88	259	269	195	488	61	259	37
WHITEROCKS MOUNTAIN	2F09	1830	03	98	295	610	263	809	180	499	47

SILVER STAR MOUNTAIN	2F10	1840	23	150	456	729	347	912	347	636	44
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## SIMILKAMEEN

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
BROOKMERE	1C01	980	28	39	113	147	135	351	53	194	58
FREEZEOUT CREEK TRAIL	WA11	1070	28	48	145	274	137	615	15	274*	54
LIGHTNING LAKE	3D02	1220	28	71	190	250	150	497	51	282	29
HAMILTON HILL	2G06	1490	04	57	140	305	210	676	127	326	41
MISSEZULA MOUNTAIN	2G05	1550	01	38	79	204	138	363	76	221	39
ISINTOK LAKE	2F11	1680	28	38	66	129	133	358	53	164	38
LOST HORSE MOUNTAIN	2G04	1920	23	51	100	160	174	508	92	204	40
BLACKWALL PEAK	2G03P	1940	01	-	431	848	311	1323	213	728	35
HARTS PASS	WA09	1980	27	203	688	1260	498	1636	312	949*	52
HARTS PASS	WA09P	1980	01	-	516	988	444	1320A	444	892*	5
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

Banner

# COASTAL

*March 1, 2003*

## SOUTH COASTAL

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
PALISADE LAKE	3A09	880	25	114	509	1378	736	3150A	95	1183	48
PALISADE LAKE	3A09P	880	Not Available			-	-	1287	1287	1287*	1
CHAPMAN CREEK	3A26	1022	Not Available			1274Z	790	1412	662	1268	7
CALLAGHAN CREEK	3A20	1040	26	115	372	722	472	1260	200	770	25
DOG MOUNTAIN	3A10	1080	24	93	366	1149	518	2146Z	345	1016	19
GROUSE MOUNTAIN	3A01	1100	24	109	390	1286	658	2320A	143	997	52
ORCHID LAKE	3A19	1190	25	227	849	1412	951	2960A	444	1568	28
ORCHID LAKE	3A19P	1190	01	-	1034	1476	932	3093	805	1621*	16

UPPER SQUAMISH RIVER	3A25P	1340	01	-	953	1346	806	2301	806	1380	13
NOSTETUKO RIVER	3A22P	1500	01	-	240	518	-	769	203	536*	13
UPPER MOSELY CREEK	3A24P	1650	01	-	124	298	186	555	98	272*	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## VANCOUVER ISLAND

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
WOLF RIVER (LOWER)	3B19	640	24	33	126	374	236	1064	0	347	32
TENNENT LAKE	3B22	950	05	132	576	914Z	-	1200	290A	833	16
UPPER THELWOOD LAKE	3B10	980	24	180	754	1214	828	2440A	281	1204	42
WOLF RIVER (MIDDLE)	3B18	1070	24	95	354	552	350	1344	71	532	32
FORBIDDEN PLATEAU	3B01	1130	24	205	864	1197	953	2730A	260	1279	47
JUMP CREEK	3B23P	1160	01	-	484	1163	589	2016	304	977	7
MOUNT COKELY	3B02A	1190	04	122	478	776	388	1016	178	701	21



WOLF RIVER (UPPER)	3B17P	1490	01	-	1033	1033	698	1777	512	1178	14
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## NORTH COASTAL

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
WEDEENE RIVER SOUTH	3C07	300	28	78	268	499	-	817	207	412*	18
TAHTSA LAKE	1B02	1300	03	193	666	1476	828	1476	571	1025	51
TAHTSA LAKE	1B02P	1300	01	-	692	1442	896	1512	661	1084	9
BURNT BRIDGE CREEK	3C08P	1330	01	-	274	900	420	900	420	694*	5
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

Banner

**NORTH EAST***March 1, 2003***PEACE****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	01	45	90	78	38	191	38	107	29
MACKENZIE A	4A19	700	28	74	172	180	92	345	92	232	30
PACIFIC LAKE	1A11	770	23	134	326	540	294	832	277	569	40
BULLHEAD MOUNTAIN	4A28	790	Not Measured			86	0T	142	0T	89	19
PHILIP LAKE	4A13	980	24	84	208	260	138	382	138	252	39
WARE (LOWER)	4A04	980	25	67	155	214	138	246	97	164	39
AIKEN LAKE	4A30P	1040	01	-	180	295	188	363	162	242	16
TUTIZZI LAKE	4A06	1070	24	82	191	290	164	386	140	230	39
TSAYDAYCHI LAKE	4A12	1160	24	110	267	444	284	540	166	342	39
PINK MOUNTAIN	4A14	1170	28	27	58	33	10A	160	10A	77	39
KAZA LAKE	1A12	1190	24	92	213	328	270	478	186	297	37
FREDRICKSON LAKE	4A10	1310	24	71	164	228	178	315	129	214	38

PULPIT LAKE	4A09P	1310	01	-	360	408	347	448	290	361	12
PULPIT LAKE	4A09	1310	25	128	299	407	350	531	233	357	38
PINE PASS	4A02P	1400	01	-	600	1100	735	1485	735	921	11
TRYGVE LAKE	4A11	1400	25	108	246	337	243	453	211	315	38
SIKANNI LAKE	4C01	1400	25	80	169	273	184	335	107	229	37
PINE PASS	4A02	1430	26	233	720	1262	925	1502	480	1005	39
MORFEE MOUNTAIN	4A16	1450	23	184	518	790	601	1166	312	739	35
LADY LAURIER LAKE	4A07	1460	25	120	295	571	328	662	255	438	36
MOUNT SHEBA	4A18	1490	23	170	432	848	410	1037	394	715	32
GERMANSEN (UPPER)	4A05	1500	24	95	225	366	240	520	174	302	42
MOUNT STEARNS	4A21	1500	25	39	76	141	64	227	56	123	28
JOHANSON LAKE	4B02	1540	24	84	191	271	216	368	148	253	39
MONKMAN CREEK	4A20	1550	23	97	222	503	211	925	211	522	21
BULLMOOSE CREEK	4A31	1570	27	97	248	510	276	663	273	440	15
WARE (UPPER)	4A03	1570	25	73	165	253	157	360	114	220	42
KWADACHA RIVER	4A27P	1620	01	-	221	315	206	405	195	297*	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LIARD

### Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2003	2002	2001	Max.	Min.	Normal	No. Years Record
FORT NELSON A	4C05	380	28	56	97	124	40	177A	40	98	37
WATSON LAKE A	YK01	700	26	65	121	174	113	216	61	127*	37
FRANCES RIVER	YK02	730	26	63	134	154	143	312	65	135*	27
DEASE LAKE	4C03	820	01	66	118	120A	75	229	45	125	38
JADE CITY	4C15	940	27	71	158	208	-	208	208	208*	1
SUMMIT LAKE	4C02	1280	Not Available			100A	-	190	0T	106	34
DEADWOOD RIVER	4C09P	1300	01	-	113	109	113	220	58	123*	9
SIKANNI LAKE	4C01	1400	25	80	169	273	184	335	107	229	37

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

Banner

**NORTH WEST***March 1, 2003***STIKINE/TAKU****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
SPEEL RIVER	AK03	80	Not Available		813	389B	1024	389B	664*	32	
TELEGRAPH CREEK	4D01	580	01	46	108	109	96	345	53	156	28
NINGUNSAW PASS	4B10	690	26	103	287	416	292	629	232	408	28
DEASE LAKE	4C03	820	01	66	118	120A	75	229	45	125	38
ISKUT	4D02	1000	26	31	75	101	63	176	33	107	28
KINASKAN LAKE	4D11P	1020	01	-	341	338	268	527	204	331*	12
TUMEKA CREEK	4D10P	1220	01	-	364	487	421	789	338	535*	13
WADE LAKE	4D14P	1370	01	-	248	278	249	475	162	302*	11
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

**YUKON****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
ATLIN LAKE	4E02A	730	02	34	104	113	80	185A	50	110*	19
LOG CABIN	4E01	880	25	76	207	436	372	514	124	330	42
PINE LK AIRSTRIP	YK03	1010	27	74	150A	192	177	330	25	187*	27
MONTANA MTN.	YK05	1020	28	44	83	132	65	202	65	127*	27
TAGISH	YK04	1080	26	47	88	151	82	198	75	121*	27
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

**SKEENA/NASS****Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2003	2002	2001	Max.	Min.	Normal	
TERRACE A	4B13A	180	27	21	62	173	116	407	0	149*	21
BEAR PASS	4B11A	460	02	134	360	546	428	824	416	610	19
NINGUNSAW PASS	4B10	690	26	103	287	416	292	629	232	408	28
GRANDUC MINE	4B12P	790	01	-	1384	1725	-	1725	1725	1725*	1
CEDAR-KITEEN	4B18P	885	01	-	319	649	469	649	469	559*	2

MCKENDRICK CREEK	4B07	1050	25	58	198	275	182	391	177	269	35
TACHEK CREEK	4B06	1140	26	67	120	203	149	330	117	206	35
KAZA LAKE	1A12	1190	24	92	213	328	270	478	186	297	37
LU LAKE	4B15	1300	28	53	122	300	174	406	140	269	24
LU LAKE	4B15P	1310	01	-	116	319	-	319	116	220*	4
TSAI CREEK	4B17P	1360	01	-	694	1384	758	1384	743	972*	5
KIDPRICE LAKE	4B01	1370	03	140	461	1137	655	1137	429	802	51
TRYGVE LAKE	4A11	1400	25	108	246	337	243	453	211	315	38
EQUITY MINE	4B14	1420	28	81	190	410	272	514	204	351	25
CHAPMAN LAKE	4B04	1460	25	93	300	543	346	691	268	414	38
HUDSON BAY MTN.	4B03A	1480	26	90	312	620	378	719	287	459	31
SHEDIN CREEK	4B16P	1480	01	-	563	878	724	904	664	756*	7
MOUNT CRONIN	4B08	1480	25	107	345	646	470	869	348	522	34
JOHANSON LAKE	4B02	1540	24	84	191	271	216	368	148	253	39

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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