

Banner

Snowpack and Water Supply Outlook for British Columbia

February 1, 2002

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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.

Province-wide Synopsis

graphs

[B.C Summary Graphs of
Snow Water Equivalents](#)

Manual snow surveys have been conducted at 123 snow courses in BC and 15 in surrounding jurisdictions. These, together with data from 55 snow pillows, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses.

Snowpack

Snow accumulation during January was very close to average in most parts of the province. This means that most areas have near normal snowpacks for this time of year. Exceptions are the northwestern portions of the province where the snowpacks in the Nechako and the Stikine/Taku basins are well above normal for this date.

One factor that most areas seem to have in common is that many lower elevation snow courses have below normal snowpacks for this date. This is probably due to the above normal temperatures reported for the last three months which would result in the snowline elevation being above normal for this period.

Weather

Mean monthly temperatures at representative stations around the province indicate that January mean temperatures were above to well above normal. Precipitation measured at valley bottom stations varied somewhat but was

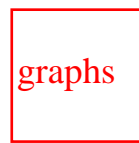
generally a little below normal in January.

Outlook

Mountain snow accumulation should continue for another two or three months. About two-thirds of the peak amount of snow for the year has normally occurred by this date, so, unless abnormal weather occurs, it appears that the very dry conditions experienced in many areas last year will not be repeated this year.

Snow Survey Bulletins for 1997 through last month's Bulletin are available through the [archives](#).

Upper Fraser & Nechako Basins



[Data Graphs](#)



[Snow Survey Data Measurements](#)

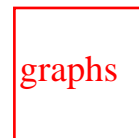
February 1, 2002

The mean temperature at Prince George during January was 3.7°C above normal, with precipitation only 73% of normal

The snow water equivalent index for the upper Fraser is very close to normal for this date. Individual snow courses vary somewhat, but the higher readings (as a percentage of normal) are generally at higher altitudes and farther to the west side of the basin. The Nechako basin snowpack is estimated to be 44% above normal for February 1st.

The natural flow as indicated by the Fraser River at Marguerite was again above normal during January.

Middle and Lower Fraser



[Data Graphs](#)



[Snow Survey Data Measurements](#)

February 1, 2002

Precipitation in the middle and lower Fraser as measured at Quesnel and Abbotsford was close to normal during January, the cumulative totals since November 1 being 71% and 106% of normal, respectively. Mean January temperatures at both locations were above normal.

The middle Fraser basin snow index is very close to normal, while the lower Fraser is estimated to be about 20% above normal. While this indicates that the freshet volumes will be near normal, peak flows depend on weather patterns in May and June.

The flow in the Fraser River at Hope was very close to normal during January.



Thompson Basin

graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

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February 1, 2002

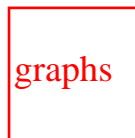
Precipitation at valley bottom stations during January was below normal, with the cumulative total for the last three months being 87% of normal in the North Thompson (at Blue River) and 69% of normal in the South Thompson as represented by Kamloops. Average temperatures at both these stations were above normal during the month.

In the North Thompson basin the regional snowpack index is estimated to be 9% above normal while in the South Thompson basin it is estimated to be about 20% above normal. This compares with figures of 30% and 39% below normal respectively at this date a year ago. Unless abnormal conditions occur, it appears that water supplies this year will be close to, or a little above, normal.

The flow in the Thompson River at Spences Bridge was very close to normal

during January.

Columbia Basin



[Data](#)
[Graphs](#)



[Snow Survey Data](#)
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February 1, 2002

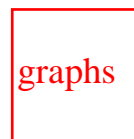
Below normal precipitation and a mean temperature 3°C above normal were reported for January at the Revelstoke climate station.

Snow accumulations in the Columbia basin were very close to normal and the regional snow index remains at 8% above normal, unchanged from last month. While there is the usual variation from course to course, the trend appears to be that the lower snowcourses have relatively lower amounts of snow, presumably as a result of the warmer than normal temperatures reported for the past three months.

The natural regional runoff as indicated by the Columbia River at Donald continued the trend of the last few months and remained well below normal during January.



Kootenay Basin



[Data](#)
[Graphs](#)



[Snow Survey Data](#)
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February 1, 2002

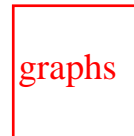
Precipitation at Cranbrook was only about half the normal amount during January, but the cumulative total for the last three months is about 68% of normal. Mean temperatures were above normal for the third consecutive month.

Snow accumulations during January have been close to normal in the Kootenays with the regional snowpack remaining very close to normal for this date. This is in

marked contrast to last year when the snowpack was only about half its normal amount. The East Kootenay area appears to have relatively less snow than the western portion of the area. Unless abnormal weather conditions occur, freshet runoff this year will be considerably greater than last year.

Natural regional runoff as indicated by the Kootenay River at Fort Steele was well below normal during January.

Okanagan, Kettle, and
Similkameen Basins



[Data](#)
[Graphs](#)



[Snow Survey Data](#)
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February 1, 2002

The mean monthly temperature at Kelowna Airport was about 3°C above normal for January and this was accompanied by precipitation slightly above normal.

In the Okanagan-Kettle basin, snowpack accumulations have averaged slightly greater than normal so that the regional index has increased from 7% above normal a month ago to 24% above normal this month. Based on relatively few readings, the snowpack index in the Similkameen basin appears to have fallen slightly to be about 5% below normal at this date.

Probably as the result of some low-level melting, inflow to Okanagan Lake was above normal during January. The lake is close to its target level for this date and, given the current snowpack, it is anticipated that it will be brought to its full supply level this summer. Unless there are abnormal weather patterns in the coming months, there should be adequate supplies of water for all users this summer.



Coastal Region & Vancouver Island

[graphs](#)

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February 1, 2002

Both temperatures and precipitation as measured at Vancouver and Nanaimo weather stations were a little above normal during January.

Snowfall accumulations on both the South Coast and Vancouver Island have been slightly below normal during January. As a result the regional snowpack indices are 7% above and 8% below normal, respectively. This is a great change from the readings a year ago when the snowpacks were about 40% below normal.

Regional runoff as indicated by the inflow to Upper Campbell Lake on Vancouver Island was more than twice normal for the month of January. This is probably the result of warm storms that moved through the area earlier in the month.

North East Region

[graphs](#)

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February 1, 2002

January precipitation as measured at Fort St. John was about 44% below normal during January and this was accompanied by temperatures averaging 2.4°C above normal.

January snow accumulations in the Peace River drainage were slightly below normal. The regional snowpack index, however, remains above normal at 119% of normal. This should ensure considerably more plentiful water supply than occurred last year. The snowpack in the Liard River basin continues to be very close to normal for this time of year.

Runoff as measured by the inflow to Williston Lake was well above normal for the

third consecutive month.

NorthWest Region

graphs

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February 1, 2002

Warmer than normal mean monthly temperatures at Smithers was accompanied by below normal precipitation during January.

Snow accumulation during the month was normal in the Skeena and Nass basins with the regional snowpack index remaining about 30% greater than normal for this date. This compares with about 20% below normal at this time last year. Peak flows will depend on both the accumulation of snow in the next two months and the weather during the melt. However, given the current snowpack, there is a higher potential risk of flooding in this area than elsewhere in the province.

Runoff, as indicated by flows in the Skeena River at Usk was a little above normal.



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UPPER and MIDDLE FRASER

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
PRINCE GEORGE A	1A10	690	30	44	79	46	81	224	46	118	40
PACIFIC LAKE	1A11	770	28	152	370	216	455	679	216	425	34
BURNS LAKE	1A16	800	02	46	92	60	84	232	44	112	31
CANOE RIVER	2A01A	910	29	34	80	45	65	140	39	102	27
PHILIP LAKE	4A13	980	29	87	208	118	201	353	118	199	35
HEDRICK LAKE	1A14	1100	28	158	423	252	512	823	252	465	34
HEDRICK LAKE	1A14P	1100	01	-	604	356	649	649	356	503*	2
BIRD CREEK	1A23	1180	01	52	106	68	66	176	66	109*	11
KAZA LAKE	1A12	1190	29	100	279	213	225	440	125	229	32
MOUNT SHEBA	4A18	1490	28	208	613	326	524	918	317	543	32
BARKERVILLE	1A03P	1520	01	-	206	150	221	351	150	251	23
KNUDSEN LAKE	1A15	1580	28	189	581	290	531	899	290	613	31
MC BRIDE (UPPER)	1A02	1580	28	102	255	140	283	503	140	315	48
REVOLUTION CREEK	1A17P	1690	01	-	625	305	585	930	305	609	16

LONGWORTH (UPPER)	1A05	1740	28	210	632	-	536	890A	315	523	28
MARMOT JASPER	AL12	1830	01	68	155	86	-	191	86	156*	4
YELLOWHEAD	1A01P	1860	01	-	428	233	476	596	233	409*	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

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
					2002	2001	2000	Max.	Min.	Normal	
SKINS LAKE	1B05	880	01	31	55	54	87	224	35	93	34
TAHTSA LAKE	1B02	1300	31	306	1123	738	887	1209	508A	779	47
TAHTSA LAKE	1B02P	1300	01	-	1177	829	969	1079	652	898*	8
KIDPRICE LAKE	4B01	1370	31	247	953	595	537	894B	440	607	44
MOUNT PONDOSY	1B08P	1400	01	-	747	512	561	750	393	595*	9
MOUNT WELLS	1B01	1490	31	141	443	235	281	549B	213	367	18
NUTLI LAKE	1B07	1490	31	160	484	275	309	579	275	383*	10
MOUNT WELLS	1B01P	1490	Not Measured			299	296	555	296	381	9
MOUNT SWANNELL	1B06	1620	01	92	256	163	125	382B	125	214*	13

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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
					2002	2001	2000	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	30	28	34	26	84	126	0	55	32
NAZKO	1C08	1070	Not Available			45	27	137B	6A	69	25
BIG CREEK	1C21	1140	31	24	32	33	30	100B	0	52	29
GRANITE MOUNTAIN	1C33	1150	31	59	131	90	111	217	77	149*	9
LAC LE JEUNE (LOWER)	1C07	1370	30	38	80	62	57	208	25	91	45
BRIDGE GLACIER (LOWER)	1C39	1400	01	156	482	-	452	688	414	506*	6
SHOVELNOSE MOUNTAIN	1C29	1450	31	69	177	126	100	307	84	214	22
BRALORNE	1C14	1450	01	48	122	74	105	338	0	135	31
LAC LE JEUNE (UPPER)	1C25	1460	30	47	103	78	83	177	13	114	29
BRENDA MINE	2F18P	1460	01	-	309	148	206	368	148	265	9
BOSS MOUNTAIN MINE	1C20P	1460	01	-	424	289	450	574	289	432	8
BARKERVILLE	1A03P	1520	01	-	206	150	221	351	150	251	23
MOUNT TIMOTHY	1C17	1660	02	85	209	151	165	384	103	222	35

YANKS PEAK EAST	1C41P	1670	01	-	521	409	585	761	409	590*	5
GREEN MOUNTAIN	1C12P	1780	01	-	820	393	637	948	393	657*	8
MCGILLIVRAY PASS	1C05	1800	01	158	464	265	454	645	150	399	50
MISSION RIDGE	1C18P	1850	01	-	448	232	402	794	232	434	15
DOWNTON LAKE (UPPER)	1C38	1890	01	223	706	378	662	980	378	677*	7
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Measured			182	304	654	182	353*	6
BRALORNE (UPPER)	1C37	1980	01	163	506	346	530	724	346	525*	7

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MIDDLE and LOWER FRASER*February 1, 2002***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
					2002	2001	2000	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	30	28	34	26	84	126	0	55	32
NAZKO	1C08	1070	Not Available			45	27	137B	6A	69	25
BIG CREEK	1C21	1140	31	24	32	33	30	100B	0	52	29
GRANITE MOUNTAIN	1C33	1150	31	59	131	90	111	217	77	149*	9
LAC LE JEUNE (LOWER)	1C07	1370	30	38	80	62	57	208	25	91	45
BRIDGE GLACIER (LOWER)	1C39	1400	01	156	482	-	452	688	414	506*	6
SHOVELNOSE MOUNTAIN	1C29	1450	31	69	177	126	100	307	84	214	22
BRALORNE	1C14	1450	01	48	122	74	105	338	0	135	31
LAC LE JEUNE (UPPER)	1C25	1460	30	47	103	78	83	177	13	114	29
BRENDA MINE	2F18P	1460	01	-	309	148	206	368	148	265	9

BOSS MOUNTAIN MINE	1C20P	1460	01	-	424	289	450	574	289	432	8
BARKERVILLE	1A03P	1520	01	-	206	150	221	351	150	251	23
MOUNT TIMOTHY	1C17	1660	02	85	209	151	165	384	103	222	35
YANKS PEAK EAST	1C41P	1670	01	-	521	409	585	761	409	590*	5
GREEN MOUNTAIN	1C12P	1780	01	-	820	393	637	948	393	657*	8
MCGILLIVRAY PASS	1C05	1800	01	158	464	265	454	645	150	399	50
MISSION RIDGE	1C18P	1850	01	-	448	232	402	794	232	434	15
DOWNTON LAKE (UPPER)	1C38	1890	01	223	706	378	662	980	378	677*	7
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Measured			182	304	654	182	353*	6
BRALORNE (UPPER)	1C37	1980	01	163	506	346	530	724	346	525*	7

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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
					2002	2001	2000	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	28	41	104	108	108	270	10A	139	26
SUMMALLO RIVER WEST	3D01C	790	04	73	240	150	236	368	0	177*	10

CALLAGHAN CREEK	3A20	1040	01	164	560	424	626	879	50	569	18
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			570P	-	1597	570P	1104*	3
DICKSON LAKE	1D16	1070	28	347	1076	478	1158	1220	398	819*	9
DOG MOUNTAIN	3A10	1080	04	266	971	377	1044	1187Z	316	738	18
BEAVER PASS	WA12	1120	31	183	594	196	503	922	36	500*	33
KLESILKWA	3D03A	1130	28	98	239	57	223	508	0	223	47
SPUZZUM CREEK	1D19P	1180	01	-	1174	593	1331	1804E	593	1243*	3
STAVE LAKE	1D08	1210	28	298	920	526	1034	1430	163	984	31
WAHLEACH LAKE	1D09	1400	28	157	418	247	482	815	33	366	33
WAHLEACH LAKE	1D09P	1400	01	-	838	472	850	1036	472	736*	9
NAHATLATCH RIVER	1D10	1520	28	270	1009	423	1004	1359	262	934	28
EASY PASS	WA13	1580	Not Available			-	-	2184	279	1160*	30
CHILLIWACK RIVER	1D17P	1600	01	-	1178	656	1136	1668	656	1136	10
GREAT BEAR	1D15P	1660	01	-	1358	608	1249	1391	608	1017	10
TENQUILLE LAKE	1D06	1680	29	272	895	550	908	1206	241	735	30
TENQUILLE LAKE	1D06P	1680	01	-	881	450	-	450	450	450*	1
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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* - PERIOD OF RECORD AVERAGE											

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
					2002	2001	2000	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	04	73	240	150	236	368	0	177*	10

FREEZEOUT CREEK TRAIL	WA11	1070	29	76	180	99	206	462	13	227*	32
BEAVER PASS	WA12	1120	31	183	594	196	503	922	36	500*	33
KLESILKWA	3D03A	1130	28	98	239	57	223	508	0	223	47
HARTS PASS	WA09	1980	31	305	1006	404	770	1328	246	777*	47
HARTS PASS	WA09P	1980	01	-	752	371	640	1005P	371	684*	4

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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THOMPSON

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	02	90	178	198	245	340	98	246*	18
KNOUFF LAKE	1E05	1200	31	55	134	86	90	229	38	114	42
COOK CREEK	1E14P	1280	01	-	356	308	413	413	308	361*	2
COOK FORKS	1E06	1390	29	203	604	363	631	874	353	584	28
BOSS MOUNTAIN MINE	1C20P	1460	01	-	424	289	450	574	289	432	8
MOUNT COOK	1E02P	1550	01	-	938	600	-	600	600	600*	1
MOUNT COOK	1E02A	1580	29	261	840	551	877	1237	536	824	26
AZURE RIVER	1E08P	1620	01	-	855	506	945	998	506	819*	5
ADAMS RIVER	1E07	1720	26	190	518	334	554	654	285	433	21
KOSTAL LAKE	1E10P	1770	01	-	591	441	624	764	415	604	17

NORTH CLEMINA CREEK	1E13	1860	29	187	659	380	681	796	315	583*	13
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
					2002	2001	2000	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	31	86	224	227	210	483	131	259	42
ABERDEEN LAKE	1F01A	1310	28	44	90A	81	97	193	48	119	47
MONASHEE PASS	2E01	1370	04	86	225	141	231	364	122	235	42
ADAMS RIVER	1E07	1720	26	190	518	334	554	654	285	433	21
KIRBYVILLE LAKE	2A25	1750	29	272	917	516	946	1160	381	770	26
SILVER STAR MOUNTAIN	2F10	1840	27	190	648	287	568	721	229	481	43
PARK MOUNTAIN	1F03P	1890	01	-	644	331	651	867	331	567	17
ENDERBY	1F04	1900	01	253	747	350	778	932	348	641	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											
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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
					2002	2001	2000	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	30	28	34	26	84	126	0	55	32
NAZKO	1C08	1070	Not Available			45	27	137B	6A	69	25
BIG CREEK	1C21	1140	31	24	32	33	30	100B	0	52	29
GRANITE MOUNTAIN	1C33	1150	31	59	131	90	111	217	77	149*	9
LAC LE JEUNE (LOWER)	1C07	1370	30	38	80	62	57	208	25	91	45
BRIDGE GLACIER (LOWER)	1C39	1400	01	156	482	-	452	688	414	506*	6
SHOVELNOSE MOUNTAIN	1C29	1450	31	69	177	126	100	307	84	214	22
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LAC LE JEUNE (UPPER)	1C25	1460	30	47	103	78	83	177	13	114	29
BRENDA MINE	2F18P	1460	01	-	309	148	206	368	148	265	9
BOSS MOUNTAIN MINE	1C20P	1460	01	-	424	289	450	574	289	432	8
BARKERVILLE	1A03P	1520	01	-	206	150	221	351	150	251	23
MOUNT TIMOTHY	1C17	1660	02	85	209	151	165	384	103	222	35
YANKS PEAK EAST	1C41P	1670	01	-	521	409	585	761	409	590*	5
GREEN MOUNTAIN	1C12P	1780	01	-	820	393	637	948	393	657*	8
MCGILLIVRAY PASS	1C05	1800	01	158	464	265	454	645	150	399	50

MISSION RIDGE	1C18P	1850	01	-	448	232	402	794	232	434	15
DOWNTON LAKE (UPPER)	1C38	1890	01	223	706	378	662	980	378	677*	7
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Measured			182	304	654	182	353*	6
BRALORNE (UPPER)	1C37	1980	01	163	506	346	530	724	346	525*	7

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

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	29	34	80	45	65	140	39	102	27
DOWNIE SLIDE (LOWER)	2A27	980	29	154	426	290	-	740	256	525	20
GLACIER	2A02	1250	30	143	440	311	533	828	241	493	61
FIELD	2A03A	1280	29	39	72	62	81	233	46	129	62
SUNWAPTA FALLS	AL11	1400	31	48	81	65	130	254	48B	146*	29
VERMONT CREEK	2A19	1520	02	102	269	134	282	574	102	325	32
AZURE RIVER	1E08P	1620	01	-	855	506	945	998	506	819*	5
DOWNIE SLIDE (UPPER)	2A29	1630	29	303	1022	534	1188	1422	466	837	20
KICKING HORSE	2A07	1650	29	79	166	102	235	384	102	256	55
KIRBYVILLE LAKE	2A25	1750	29	272	917	516	946	1160	381	770	26
MOUNT REVELSTOKE	2A06P	1830	01	-	892	-	1041	1140	511	775	8

NORTH CLEMINA CREEK	1E13	1860	29	187	659	380	681	796	315	583*	13
FIDELITY MOUNTAIN	2A17	1870	27	262	856	430	1105	1376	430	842	39
KEYSTONE CREEK	2A18	1890	29	189	608	292	666	866	290	553	32
BEAVERFOOT	2A11	1890	02	55	130	78	140	249	78	156	34
NIGEL CREEK	AL10	1920	31	114	287	128	340	528	94B	299*	29
BUSH RIVER	2A23	1920	02	194	678	325	716	902	292	584	34
GOLDSTREAM	2A16	1920	29	261	882	504	966	1136	460	756	33
MOLSON CREEK	2A21P	1980	01	-	877	435	803	1155	417	739	20
MOUNT ABBOT	2A14	1980	28	282	946	396	1070	1209	396	836	43
SUNBEAM LAKE	2A22	2010	02	205	691	348	748	886	348	641	34
MIRROR LAKE	AL06	2030	29	94	234	79	183	348	79	214*	34
BOW SUMMIT II	AL07A	2080	29	125	310	130	168	480	86B	267*	21
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
					2002	2001	2000	Max.	Min.	Normal	
FERGUSON	2D02	880	01	119	342	237	377	616	237	385	30
BAIRD	WA02	980	01	79	180	130	203	295	20	151*	42
FARRON	2B02A	1220	30	72	209	134	238	346	63	236	28

MONASHEE PASS	2E01	1370	04	86	225	141	231	364	122	235	42
WHATSHAN (UPPER)	2B05	1480	Not Measured			266	-	759	249	447	30
BARNES CREEK	2B06	1620	04	128	351	224	336	612	196	341	34
BARNES CREEK	2B06P	1620	01	-	360	195	375	566	195	400*	9
ST. LEON CREEK	2B08	1800	Not Measured			474	886	1247	474	834	32
ST. LEON CREEK	2B08P	1800	01	-	799	311	818	1092	311	739	7
KOCH CREEK	2B07	1860	Not Measured			287	458	708	203	476	32
RECORD MOUNTAIN	2B09	1890	27	170	577	216	551	802	117	496	27
EAST CREEK	2D08P	2030	01	-	596	274	628	1012	274	644	21

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

KOOTENAY

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
FERNIE EAST	2C07	1250	29	95	252	90	234	467	51	252	48
MARBLE CANYON	2C05	1520	31	96	237	107	237	505	107	258	53
SULLIVAN MINE	2C04	1550	27	68	142	102	135	397	46	228	56
WEASEL DIVIDE	MT02	1660	30	198	610	234	523	858	185	540*	18
BANFIELD MOUNTAIN	MT05P	1710	01	-	356	180	312	475	180	352*	4
MOUNT JOFFRE	2C16	1750	30	110	266	96	185	439	96	265	28
MORRISSEY RIDGE	2C09Q	1800	01	-	470	172	361	886	172	500	18
MOYIE MOUNTAIN	2C10P	1930	01	-	330	179	250E	499	104	267*	21
HAWKINS LAKE	MT06P	1970	01	-	495	201	345	612	201	372*	4
ALLISON PASS	AL01	1980	29	109	267	133	216	521	133	339*	12

THUNDER CREEK	2C17	2010	30	64	141	80	120	335	69	192	28
FLOE LAKE	2C14	2090	30	178	769	239	599	811	239	531	30
FLOE LAKE	2C14P	2090	01	-	555	221	581	731	221	465	7
HIGHWOOD SUMMIT (BUSH)	AL02	2210	29	123	284	89	292	480	89	268*	22
MOUNT ASSINIBOINE	2C15	2230	30	143	409	140	408	592	140	362	30
SUNSHINE VILLAGE	AL05	2230	28	172	445	150	445	678	150	410*	16

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

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2002	2001	2000	Max.	Min.	Normal	
DUNCAN LAKE NO. 2	2D07A	650	30	27	74	94	110	283	60	142*	11
FERGUSON	2D02	880	01	119	342	237	377	616	237	385	30
NELSON	2D04	930	28	98	271	147	316	508	79	276	63
CHAR CREEK	2D06	1310	01	140	387	177	372	650	117	382	36
BUNCHGRASS MEADOW	WA01P	1520	01	-	602	259	498	719	259	494*	4
GRAY CREEK (LOWER)	2D05	1550	Not Measured			217	-	511	127	305	52
KOCH CREEK	2B07	1860	Not Measured			287	458	708	203	476	32

MOUNT TEMPLEMAN	2D09	1860	30	215	724	409	772	1115	409	738	32
GRAY CREEK (UPPER)	2D10	1910	Not Measured			301	-	792	268	518	32
EAST CREEK	2D08P	2030	01	-	596	274	628	1012	274	644	21
REDFISH CREEK	2D14P	2104	01	-	1024	-	-	-	-	-	0

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

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
FARRON	2B02A	1220	30	72	209	134	238	346	63	236	28
GOAT CREEK	WA04	1220	01	46	99	94	112	224	20	133*	40
MONASHEE PASS	2E01	1370	04	86	225	141	231	364	122	235	42
SUMMIT G.S.	WA05	1400	30	56	122	130	157	244	41	146*	40
BIG WHITE MOUNTAIN	2E03	1680	01	132	380	178	300	483	178	317	36
GRANO CREEK	2E07P	1860	01	-	424	180	323	465	180	318*	4

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
					2002	2001	2000	Max.	Min.	Normal	
MC CULLOCH	2F03	1280	31	61	120	75	96	196	57	120	65
SUMMERLAND RESERVOIR	2F02	1280	29	66	147	91	116	307	66	175	37
ABERDEEN LAKE	1F01A	1310	28	44	90A	81	97	193	48	119	47
POSTILL LAKE	2F07	1370	29	63	145	110	110	243	73	140	51
TROUT CREEK	2F01	1430	31	62	139	96	112	292	33A	136	64
BRENDA MINE	2F18P	1460	01	-	309	148	206	368	148	265	9
ISLAHT LAKE	2F24	1480	28	93	277	124	202	364	124	229	18
GREYBACK RESERVOIR	2F08	1550	30	73	196	111	135	269	60	155	31
ISINTOK LAKE	2F11	1680	29	49	110A	107	87	307	26	133	36
MISSION CREEK	2F05P	1780	01	-	450	169	341	495	152	299	30
MOUNT KOBAU	2F12	1810	28	75	219	151	158	373	43	215	35
WHITEROCKS MOUNTAIN	2F09	1830	01	160	544	-	326	693	135	392	30
SILVER STAR MOUNTAIN	2F10	1840	27	190	648	287	568	721	229	481	43
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

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2002	2001	2000	Max.	Min.	Normal	No. Years Record
FREEZEOUT CREEK TRAIL	WA11	1070	29	76	180	99	206	462	13	227*	32
HAMILTON HILL	2G06	1490	01	80	193	167	194	411	104	256	38
MISSEZULA MOUNTAIN	2G05	1550	27	62	137	110	98	284	61	166	35
ISINTOK LAKE	2F11	1680	29	49	110A	107	87	307	26	133	36
LOST HORSE MOUNTAIN	2G04	1920	04	62	146	94Z	132	335	70	160	41
BLACKWALL PEAK	2G03P	1940	01	-	664	244	533	1076	159	597	34
HARTS PASS	WA09	1980	31	305	1006	404	770	1328	246	777*	47
HARTS PASS	WA09P	1980	01	-	752	371	640	1005P	371	684*	4
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

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available			-	-	790	700	745*	2
CHAPMAN CREEK	3A26	1022	04	278	980	-	-	1250	546	878*	5
CALLAGHAN CREEK	3A20	1040	01	164	560	424	626	879	50	569	18
DOG MOUNTAIN	3A10	1080	04	266	971	377	1044	1187Z	316	738	18
GROUSE MOUNTAIN	3A01	1100	05	290	1164	472	1258	1530Z	50	788	52
ORCHID LAKE	3A19	1190	04	335	1210	656	1326	1624	408	1185	23
ORCHID LAKE	3A19P	1190	Not Available			784	-	1859	491	1234*	15
UPPER SQUAMISH RIVER	3A25P	1340	01	-	1073	713	1309	1510	713	1042	10
NOSTETUKO RIVER	3A22P	1500	01	-	409	-	472	628	203	431*	12

UPPER MOSELY CREEK	3A24P	1650	01	-	206	168	216	509	107	229	13
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
					2002	2001	2000	Max.	Min.	Normal	
ELK RIVER	3B04	270	29	15	35	0	84	544	0	125	42
WOLF RIVER (LOWER)	3B19	640	29	81	254	140	246	528	0	263	29
TENNENT LAKE	3B22	950	Not Available			638	656C	880	202B	623	12
WOLF RIVER (MIDDLE)	3B18	1070	29	117	370	218	422	742	16	408	30
FORBIDDEN PLATEAU	3B01	1130	29	213	802	694	941	1640	42	961	46
JUMP CREEK	3B23P	1160	01	-	829	424	983	1251	206	754*	6
WOLF RIVER (UPPER)	3B17P	1490	01	-	832	555	969	1371	501	862	12
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
					2002	2001	2000	Max.	Min.	Normal	
TAHTSA LAKE	1B02	1300	31	306	1123	738	887	1209	508A	779	47
TAHTSA LAKE	1B02P	1300	01	-	1177	829	969	1079	652	898*	8
BURNT BRIDGE CREEK	3C08P	1330	01	-	746	349	559	713	349	568*	4
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*February 1, 2002***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
					2002	2001	2000	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	27	40	60	29	50	154	29	84	28
MACKENZIE A	4A19	700	31	62	122	72	166	305	58	175	29
PACIFIC LAKE	1A11	770	28	152	370	216	455	679	216	425	34
BULLHEAD MOUNTAIN	4A28	790	30	39	76	0T	42	149	0T	62*	18
PHILIP LAKE	4A13	980	29	87	208	118	201	353	118	199	35
WARE (LOWER)	4A04	980	30	77	194	114	142	286	63	127	33
AIKEN LAKE	4A30P	1040	01	-	243	161	195	330	142	198*	15
TUTIZZI LAKE	4A06	1070	29	89	244	141	208	348	109	181	33
TSAYDAYCHI LAKE	4A12	1160	29	121	325	225	237	507	146	270	34
PINK MOUNTAIN	4A14	1170	29	15	40A	10A	16	138	10A	64	26
KAZA LAKE	1A12	1190	29	100	279	213	225	440	125	229	32
PULPIT LAKE	4A09	1310	30	116	358	281	277	530	190	293	30

FREDRICKSON LAKE	4A10	1310	29	82	203	147	145	309	110	173	33
PULPIT LAKE	4A09P	1310	01	-	351	314	244	405	232	321	11
PINE PASS	4A02P	1400	01	-	884	652	661	1241	652	823	10
SIKANNI LAKE	4C01	1400	30	90	249	151	150	325	81	178	32
TRYGVE LAKE	4A11	1400	30	106	322	215	252	434	183	255	32
PINE PASS	4A02	1430	31	294	1051	785	769	1194	411	771	30
MORFEE MOUNTAIN	4A16	1450	28	198	633	434	457	952	323	579	33
LADY LAURIER LAKE	4A07	1460	31	146	521	283	378	635	226	343	30
MOUNT SHEBA	4A18	1490	28	208	613	326	524	918	317	543	32
MOUNT STEARNS	4A21	1500	30	56	145	48	44	196	41	107	27
GERMANSEN (UPPER)	4A05	1500	29	100	288	200	205	371	140	241	33
JOHANSON LAKE	4B02	1540	29	88	242	182	179	355	115	202	31
MONKMAN CREEK	4A20	1550	28	133	405	-	296	775	238	418	24
BULLMOOSE CREEK	4A31	1570	N-A	234	267	539B	217	345*	14		
WARE (UPPER)	4A03	1570	30	89	253	138	161	289	108	178	31
KWADACHA RIVER	4A27P	1620	01	-	263	176	242	371	139	230	16

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

LIARD

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2002	2001	2000	Max.	Min.	Normal	
FORT NELSON A	4C05	380	31	57	102	35	63	128	35	86	36
DEASE LAKE	4C03	820	26	49	61	56	68	202	36	104	37
JADE CITY	4C15	940	26	70	162	-	-	-	-	-	0
DEADWOOD RIVER	4C09P	1300	01	-	98	-	94	207	61	110*	7
SIKANNI LAKE	4C01	1400	30	90	249	151	150	325	81	178	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											

Banner

NORTH WEST

February 1, 2002

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
					2002	2001	2000	Max.	Min.	Normal	
NINGUNSAW PASS	4B10	690	29	122	294	253Z	323	603	171	308	27
DEASE LAKE	4C03	820	26	49	61	56	68	202	36	104	37
ISKUT	4D02	1000	31	43	78	43Z	30	162	30	88	28
KINASKAN LAKE	4D11P	1020	01	-	274	226	265	516	155	273*	11
TUMEKA CREEK	4D10P	1220	01	-	398	375	421	744	274	449	12
WADE LAKE	4D14P	1370	01	-	229	221	282	410	125	295	10

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
					2002	2001	2000	Max.	Min.	Normal	
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											

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
					2002	2001	2000	Max.	Min.	Normal	
TERRACE A	4B13A	180	01	41	103	103	166	274	0	150	22
BEAR PASS	4B11A	460	Not Available			192	418	821	192	627	18
NINGUNSAW PASS	4B10	690	29	122	294	253Z	323	603	171	308	27
GRANDUC MINE	4B12P	790	Not Measured			-	-	-	-	-	0
CEDAR-KITEEN	4B18P	885	01	-	510	398	-	398	398	398*	1
TACHEK CREEK	4B06	1140	31	76	190	113	-	194	113	153	7
KAZA LAKE	1A12	1190	29	100	279	213	225	440	125	229	32
LU LAKE	4B15P	1310	01	-	281	-	105	206	105	160*	3
TSAI CREEK	4B17P	1360	01	-	1151	671	679	791	671	729*	4
KIDPRICE LAKE	4B01	1370	31	247	953	595	537	894B	440	607	44

TRYGVE LAKE	4A11	1400	30	106	322	215	252	434	183	255	32
SHEDIN CREEK	4B16P	1480	01	-	720	630	589	693	559	615*	6
HUDSON BAY MTN.	4B03A	1480	01	136	479	261	274	665	221	361	30
JOHANSON LAKE	4B02	1540	29	88	242	182	179	355	115	202	31

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