

Banner

Snowpack and Water Supply Outlook for British Columbia

January 1, 2002

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Basin Commentaries

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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](#)

Relatively few snow courses are sampled for the January bulletin, but manual snow surveys have been conducted at 90 snow courses. These, together with data from 56 snow pillows, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses.

Snowpack

Snowpacks in parts of northern BC (Skeena & Nechako basins, Northeast BC) are above normal for this date. The remainder of the province has near to slightly above normal snowpacks for January 1.

Weather

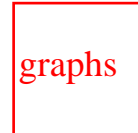
Precipitation this fall and early winter has been highly variable through BC. While most regions' cumulative precipitations have been near normal, the Upper Fraser, Okanagan and Similkameen have had lower than normal cumulative November-December precipitation. Nearly all regions had a mean monthly November temperature 2 to 4 degrees Celsius warmer than normal.

Outlook

By January 1 each year, on average, a little less than half the peak snowpack for the winter has fallen. This means that the weather patterns during the next four months or so still have a major effect on the total snowpack when the freshet begins in the spring. Also, as the snowpacks are relatively shallow, the actual date of the sampling has more effect than later in the year. However, if normal snow accumulations occur during the next 3 or 4 months, freshet volumes should be near to slightly above normal this year.



Upper Fraser & Nechako
Basins



[Data Graphs](#)



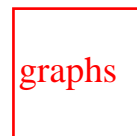
[Snow Survey Data
Measurements](#)

January 1, 2002

After a fairly dry September in both basins, the Nechako had a higher than normal precipitation during October and November, while the Upper Fraser was drier than usual October through December. November was considerably (4 deg C) warmer than normal. The difference in precipitation is reflected in the slightly below normal snowpack in the Upper Fraser and the 23% higher than normal snowpack in the Nechako basin.

Regional runoff as indicated by flows in the Fraser River near Marguerite was slightly above normal during December.

Middle and Lower Fraser



[Data
Graphs](#)

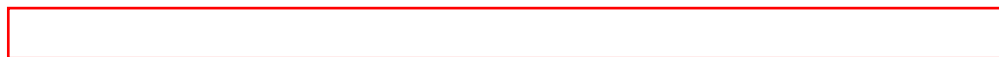


[Snow Survey Data
Measurements](#)

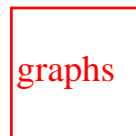
January 1, 2002

Despite a nearly 3 deg C warmer than normal November, a slightly higher than normal cumulative October through December precipitation has resulted in slightly higher than normal snowpacks in the Middle Fraser, and 20% higher than normal January 1 snowpacks in the Lower Fraser.

The monthly flow in the Fraser River at Hope was 80% of normal for December.



Thompson Basin



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



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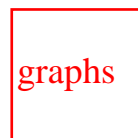
January 1, 2002

Precipitation in the North and South Thompson basins has been variable over the last three months, with the cumulative total over that period near normal. As for much of BC, November mean temperature was 3 to 4 deg higher than usual.

Snowpacks in both basins are slightly (12 to 14%) above normal for this date.

Regional runoff as indicated by mean monthly flow in the Thompson River at Spences Bridge was slightly lower than normal in November, and slightly above normal in December.

Columbia Basin



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



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

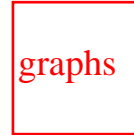
Temperatures and cumulative October through December precipitation, as measured at Revelstoke, have been near normal.

Snowpacks in the Columbia basin are near to slightly above normal for this date.

Regional runoff, as measured by the mean monthly flow in the Columbia River at Donald, has been low at 69% and 63% of normal for November and December respectively.



Kootenay Basin



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



[Snow Survey Data](#)
[Measurements](#)

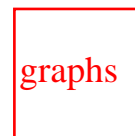
January 1, 2002

Well below normal September to November precipitation at Cranbrook was followed by normal December precipitation. Like much of BC, November mean temperature was warmer than usual.

Despite a mainly drier than normal fall as measured at Cranbrook, snowpacks in the Kootenay basin are near normal for this date.

The regional runoff as indicated by the mean monthly flow in the Kootenay River at Fort Steele were lower than normal during November and December.

Okanagan, Kettle, and Similkameen Basins



[Data](#)
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January 1, 2002

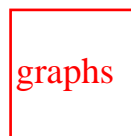
November mean temperatures were 2.5 deg C warmer than normal during November in the Okanagan and Similkameen. This warmer trend continued through December in the Similkameen. Precipitation at Kelowna and Princeton was low during November, but near normal during December.

Snowpacks are normal in the Similkameen, and slightly above normal in the Okanagan for January 1.

Releases from Okanagan Lake, and lake levels, were very near normal during December.



Coastal Region &
Vancouver Island



[Data](#)
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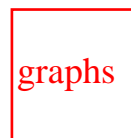
January 1, 2002

Mean monthly temperatures during October and November, as measured at Vancouver, were above normal. Although monthly precipitation was variable, cumulative October through December precipitation on the South Coast and Vancouver Island were near normal.

Snowpacks on the South Coast and Vancouver Island are slightly above normal for this time of year.

Regional runoff as indicated by the inflow to Upper Campbell Lake on Vancouver Island was well above normal in November, and below normal during December.

North East Region



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



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January 1, 2002

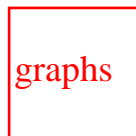
Monthly precipitation in the Liard basin was well above normal during the last two months, as measured at Fort Nelson. No data are available at this time for precipitation in the Peace basin. Mean monthly temperature in November was

around 2 deg C warmer than usual.

Snowpacks in the Peace are above normal, with those in the Liard slightly above normal based on a very few measurements.

Runoff as measured by the inflow to Williston Lake were 28% and 37% above normal during November and December respectively.

NorthWest Region



[Data](#)

[Graphs](#)



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January 1, 2002

Both November and December mean temperatures were higher than usual in Northwest BC, as measured at Smithers. Precipitation has been variable, with a drier than usual in October and December, and higher precipitation than expected during November.

Snowpacks, as measured at index snow stations, is 31% above normal for January 1.

Runoff, as indicated by flows in the Skeena River at Usk, was only 73% of normal during December, after near normal flows in November.



Banner

UPPER and MIDDLE FRASER*January 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	
BARKERVILLE	1A03P	1520	01	-	150	90	150	312	90	179	21
BURNS LAKE	1A16	800	02	34	58	40	48	176	26	69	27
HEDRICK LAKE	1A14	1100	30	87	250	161	482B	640	161	368*	11
HEDRICK LAKE	1A14P	1100	01	-	368	233	461	461	233	347*	2
KAZA LAKE	1A12	1190	02	81	220	156	211	371	113	182*	16
KNUDSEN LAKE	1A15	1580	30	115	387	242	-	821	242	435*	12
LONGWORTH (UPPER)	1A05	1740	30	126	406	254	-	694	254	427*	11
MOUNT SHEBA	4A18	1490	30	146	450	244	505B	793	244	456*	13
PACIFIC LAKE	1A11	770	30	79	183	150	426B	476	150	293*	18
PHILIP LAKE	4A13	980	02	67	163	92	187	268	64	120	19
PRINCE GEORGE A	1A10	690	03	21	42	30	61	156	19	69	39
REVOLUTION CREEK	1A17P	1690	01	-	432	222	420	814	222	452	17
YELLOWHEAD	1A01P	1860	01	-	334	184	428	428	184	301*	5

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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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	
MOUNT PONDOSY	1B08P	1400	01	-	607	-	457	686	283	474*	8
MOUNT WELLS	1B01P	1490	01	-	384	216	232	433	216	310	9
SKINS LAKE	1B05	880	02	16	45	35	56	111	0	53*	16
TAHTSA LAKE	1B02P	1300	01	-	957	509	817	939	475	693*	9

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* - 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
					2002	2001	2000	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	-	150	90	150	312	90	179	21
BIG CREEK	1C21	1140	03	12	18	30	10	62	10	44	15

BOSS MOUNTAIN MINE	1C20P	1460	01	-	330	233	345	461	233	323	8
BRALORNE	1C14	1450	28	42	96	48	86	158	48	91*	7
BRALORNE (UPPER)	1C37	1980	28	124	318	244	372	504	195	353*	7
BRENDA MINE	2F18P	1460	01	-	230	-	121	304	107	195	7
BRIDGE GLACIER (LOWER)	1C39	1400	28	118	330	224	270	456	204	320*	7
DOWNTON LAKE (UPPER)	1C38	1890	28	169	602	324	504	690	294	511*	7
GRANITE MOUNTAIN	1C33	1150	27	37	87	76	69	158	43	102*	9
GREEN MOUNTAIN	1C12P	1780	01	-	573	268	524	707	268	474*	8
LAC LE JEUNE (LOWER)	1C07	1370	31	29	52	44	23	123	8	66	29
LAC LE JEUNE (UPPER)	1C25	1460	31	36	84	58	40	146	10	81	29
MCGILLIVRAY PASS	1C05	1800	28	114	301	191	276	458	191	284*	9
MISSION RIDGE	1C18P	1850	01	-	302	165	311	659	148	270	15
MOUNT TIMOTHY	1C17	1660	29	58	127	-	-	251	38	149	14
NAZKO	1C08	1070	Not Available			30	13	84	13	39	16
PUNTZI MOUNTAIN	1C22	940	03	14	22	22	44	106	0	40	29
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Available			152	240	364	152	262*	7
YANKS PEAK EAST	1C41P	1670	01	-	375	296	416	491	296	426*	5

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MIDDLE and LOWER FRASER*January 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	
BARKERVILLE	1A03P	1520	01	-	150	90	150	312	90	179	21
BIG CREEK	1C21	1140	03	12	18	30	10	62	10	44	15
BOSS MOUNTAIN MINE	1C20P	1460	01	-	330	233	345	461	233	323	8
BRALORNE	1C14	1450	28	42	96	48	86	158	48	91*	7
BRALORNE (UPPER)	1C37	1980	28	124	318	244	372	504	195	353*	7
BRENDA MINE	2F18P	1460	01	-	230	-	121	304	107	195	7
BRIDGE GLACIER (LOWER)	1C39	1400	28	118	330	224	270	456	204	320*	7
DOWNTON LAKE (UPPER)	1C38	1890	28	169	602	324	504	690	294	511*	7
GRANITE MOUNTAIN	1C33	1150	27	37	87	76	69	158	43	102*	9
GREEN MOUNTAIN	1C12P	1780	01	-	573	268	524	707	268	474*	8

LAC LE JEUNE (LOWER)	1C07	1370	31	29	52	44	23	123	8	66	29
LAC LE JEUNE (UPPER)	1C25	1460	31	36	84	58	40	146	10	81	29
MCGILLIVRAY PASS	1C05	1800	28	114	301	191	276	458	191	284*	9
MISSION RIDGE	1C18P	1850	01	-	302	165	311	659	148	270	15
MOUNT TIMOTHY	1C17	1660	29	58	127	-	-	251	38	149	14
NAZKO	1C08	1070	Not Available			30	13	84	13	39	16
PUNTZI MOUNTAIN	1C22	940	03	14	22	22	44	106	0	40	29
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Available			152	240	364	152	262*	7
YANKS PEAK EAST	1C41P	1670	01	-	375	296	416	491	296	426*	5

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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	
BEAVER PASS	WA12	1120	28	109	381	122	264	615	122	328*	5
CHILLIWACK RIVER	1D17P	1600	01	-	776	409	776	1165	409	744	9
DICKSON LAKE	1D16	1070	30	176	668	408	830A	1110	360	740*	9
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1304	487	922*	3
DOG MOUNTAIN	3A10	1080	03	176	745	324	563	897	96	561	15

EASY PASS	WA13	1580	Not Available			-	-	1651	229	755*	20
GREAT BEAR	1D15P	1660	01	-	870	424	881	954	424	651	9
KLESILKWA	3D03A	1130	30	48	107	64	153	386	0	130*	11
NAHATLATCH RIVER	1D10	1520	Not Available			291	-	975	219	562*	10
SPUZZUM CREEK	1D19P	1180	01	-	731	394	840	840	394	652*	3
STAVE LAKE	1D08	1210	30	201	735	362	-	976	112	577*	11
TENQUILLE LAKE	1D06	1680	30	194	645	357	708	875	205	522	24
TENQUILLE LAKE	1D06P	1680	01	-	623	285	-	285	285	285*	1
WAHLEACH LAKE	1D09	1400	30	90	300	220	333	417	46	244*	15
WAHLEACH LAKE	1D09P	1400	01	-	494	354	506	777	259	500*	9
WOLVERINE CREEK	1D13	300	01	38	108	60	36	193	0	93	25

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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	
BEAVER PASS	WA12	1120	28	109	381	122	264	615	122	328*	5
FREEZEOUT CREEK TRAIL	WA11	1070	27	43	79	66	104	259	66	160*	5
HARTS PASS	WA09	1980	26	206	643	315	551	744	315	537*	3
HARTS PASS	WA09P	1980	02	-	508	282	470	737P	282	481*	4
KLESILKWA	3D03A	1130	30	48	107	64	153	386	0	130*	11

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Banner

THOMPSON

January 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	
AZURE RIVER	1E08P	1620	01	-	660	390	780	780	390	604*	5
BLUE RIVER	1E01B	670	Not Available		-	-	263	69	156*	15	
BOSS MOUNTAIN MINE	1C20P	1460	01	-	330	233	345	461	233	323	8
COOK CREEK	1E14P	1280	01	-	240	-	255	255	255	255*	1
KOSTAL LAKE	1E10P	1770	01	-	463	346	466	590	303	437	17
MOUNT COOK	1E02P	1550	01	-	694	-	-	-	-	-	0
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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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	
ENDERBY	1F04	1900	30	189	520	301	540	742	292	476	26
KIRBYVILLE LAKE	2A25	1750	27	220	714	351	703	854	351	565	18
MONASHEE PASS	2E01	1370	30	53	134	99	160	239	84	162	21
PARK MOUNTAIN	1F03P	1890	01	-	455	256	489	632	256	410	16
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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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	
BARKERVILLE	1A03P	1520	01	-	150	90	150	312	90	179	21
BIG CREEK	1C21	1140	03	12	18	30	10	62	10	44	15
BOSS MOUNTAIN MINE	1C20P	1460	01	-	330	233	345	461	233	323	8
BRALORNE	1C14	1450	28	42	96	48	86	158	48	91*	7
BRALORNE (UPPER)	1C37	1980	28	124	318	244	372	504	195	353*	7

BRENDA MINE	2F18P	1460	01	-	230	-	121	304	107	195	7
BRIDGE GLACIER (LOWER)	1C39	1400	28	118	330	224	270	456	204	320*	7
DOWNTON LAKE (UPPER)	1C38	1890	28	169	602	324	504	690	294	511*	7
GRANITE MOUNTAIN	1C33	1150	27	37	87	76	69	158	43	102*	9
GREEN MOUNTAIN	1C12P	1780	01	-	573	268	524	707	268	474*	8
LAC LE JEUNE (LOWER)	1C07	1370	31	29	52	44	23	123	8	66	29
LAC LE JEUNE (UPPER)	1C25	1460	31	36	84	58	40	146	10	81	29
MCGILLIVRAY PASS	1C05	1800	28	114	301	191	276	458	191	284*	9
MISSION RIDGE	1C18P	1850	01	-	302	165	311	659	148	270	15
MOUNT TIMOTHY	1C17	1660	29	58	127	-	-	251	38	149	14
NAZKO	1C08	1070	Not Available			30	13	84	13	39	16
PUNTZI MOUNTAIN	1C22	940	03	14	22	22	44	106	0	40	29
TYAUGHTON CREEK (NORTH)	1C40	1950	Not Available			152	240	364	152	262*	7
YANKS PEAK EAST	1C41P	1670	01	-	375	296	416	491	296	426*	5

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Banner

COLUMBIA

January 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	
AZURE RIVER	1E08P	1620	01	-	660	390	780	780	390	604*	5
BEAVERFOOT	2A11	1890	28	42	116	55	105	215	55	118	17
BUSH RIVER	2A23	1920	27	156	510	243	636	722	216	416	18
DOWNIE SLIDE (LOWER)	2A27	980	Not Available			196	-	504	190	320	17
DOWNIE SLIDE (UPPER)	2A29	1630	27	237	770	370	902	1022	370	575	16
FIDELITY MOUNTAIN	2A17	1870	31	166	635	349	799	1228	334	610	27
GLACIER	2A02	1250	27	96	283	188	373	519	147	331	31
GOLDSTREAM	2A16	1920	27	200	660	355	732	906	355	579	17
KEYSTONE CREEK	2A18	1890	27	145	449	217	499	577	217	376	17
KICKING HORSE	2A07	1650	31	48	107	-	161	257	87	169	22
KIRBYVILLE LAKE	2A25	1750	27	220	714	351	703	854	351	565	18

MOLSON CREEK	2A21P	1980	01	-	649	322	694	1072	318	565	21
MOUNT ABBOT	2A14	1980	30	189	651	298	837	1065	298	575	17
MOUNT REVELSTOKE	2A06P	1830	01	-	616	317	745	835	317	571	9
SUNBEAM LAKE	2A22	2010	27	154	489	243	624	767	243	479	18
VERMONT CREEK	2A19	1520	28	75	206	91	-	328	91	221	17

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	
BARNES CREEK	2B06	1620	30	87	233	160	296	363	146	240	16
BARNES CREEK	2B06P	1620	01	-	248	158	278	409	158	285*	9
EAST CREEK	2D08P	2030	01	-	413	206	500	858	206	476	20
FARRON	2B02A	1220	27	56	159	100	155	330	40	177	17
FERGUSON	2D02	880	04	75	215	168	222	409	117	263	22
KOCH CREEK	2B07	1860	30	129	419	234	389	452	170	329	13
MONASHEE PASS	2E01	1370	30	53	134	99	160	239	84	162	21
RECORD MOUNTAIN	2B09	1890	30	145	504	188	362	538	134	401	17

ST. LEON CREEK	2B08	1800	30	186	618	325	715	1164	325	620	14
ST. LEON CREEK	2B08P	1800	01	-	529	221	578	637	221	569	6
WHATSHAN (UPPER)	2B05	1480	30	103	289	169	349	543	169	316	17

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

January 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	
BANFIELD MOUNTAIN	MT05P	1710	01	-	216	145	185	340	112	196*	4
FERNIE EAST	2C07	1250	30	57	144	80	86	330	28	166	26
FLOE LAKE	2C14	2090	28	124	405	181	484	747	181	383	17
FLOE LAKE	2C14P	2090	01	-	360	173	473	502	173	332	6
HAWKINS LAKE	MT06P	1970	01	-	312	145	221	419	145	234*	4
HIGHWOOD SUMMIT (BUSH)	AL02	2210	Not Available			-	229	399	97	228*	11
MARBLE CANYON	2C05	1520	31	57	136	74	175	300	74	176	27
MORRISSEY RIDGE	2C09Q	1800	01	-	319	123	210	706	123	322	18
MOUNT ASSINIBOINE	2C15	2230	28	102	294	111	335	567	111	248	18
MOUNT JOFFRE	2C16	1750	28	52	133	-	-	364	86	155	15

MOYIE MOUNTAIN	2C10P	1930	01	-	176	143	140E	354	76	177*	22
SULLIVAN MINE	2C04	1550	28	51	113	71	69	226	29	122*	16
SUNSHINE VILLAGE	AL05	2230	03	99	272	137	389	389	137	234*	5
THUNDER CREEK	2C17	2010	28	45	101	61	69	276	61	117	17
WEASEL DIVIDE	MT02	1660	02	132	414	162	302	691	162	376*	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	
BUNCHGRASS MEADOW	WA01P	1520	01	-	422	218	343	488	218	324*	4
CHAR CREEK	2D06	1310	02	100	269	144	240	480	110	239	18
EAST CREEK	2D08P	2030	01	-	413	206	500	858	206	476	20
FERGUSON	2D02	880	04	75	215	168	222	409	117	263	22
GRAY CREEK (LOWER)	2D05	1550	Not Available			-	-	372	69	185	20
GRAY CREEK (UPPER)	2D10	1910	Not Available			-	-	612	222	380	11
KOCH CREEK	2B07	1860	30	129	419	234	389	452	170	329	13
MOUNT TEMPLEMAN	2D09	1860	28	148	486	277	572	902	277	504	15

NELSON	2D04	930	31	74	212	121	147	366	66	173	42
REDFISH CREEK	2D14P	2104	01	-	686	-	-	-	-	-	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*January 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	27	56	159	100	155	330	40	177	17
GRANO CREEK	2E07P	1860	01	-	315	143	240	308	143	211*	4
MONASHEE PASS	2E01	1370	30	53	134	99	160	239	84	162	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

OKANAGAN**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
BRENDA MINE	2F18P	1460	01	-	230	-	121	304	107	195	7
GREYBACK RESERVOIR	2F08	1550	Not Available			84	94	181	56	112	19
ISINTOK LAKE	2F11	1680	27	33	74	85	42	196	16	84	36
MISSION CREEK	2F05P	1780	01	-	311	120	263	326	104	201	31
MOUNT KOBAN	2F12	1810	30	67	185	124	112	261	28	157	25
SUMMERLAND RESERVOIR	2F02	1280	27	44	104	64	63	198	46	111	38

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
					2002	2001	2000	Max.	Min.	Normal	
BLACKWALL PEAK	2G03P	1940	01	-	450	173	364	923	108	391	32
FREEZEOUT CREEK TRAIL	WA11	1070	27	43	79	66	104	259	66	160*	5
HARTS PASS	WA09	1980	26	206	643	315	551	744	315	537*	3
HARTS PASS	WA09P	1980	02	-	508	282	470	737P	282	481*	4
ISINTOK LAKE	2F11	1680	27	33	74	85	42	196	16	84	36
MISSEZULA MOUNTAIN	2G05	1550	27	39	86	74	54	197	54	116*	9

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*January 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	
DOG MOUNTAIN	3A10	1080	03	176	745	324	563	897	96	561	15
GROUSE MOUNTAIN	3A01	1100	03	199	864	380	592	878	24	428	21
NOSTETUKO RIVER	3A22P	1500	01	-	304	-	427	524	32	275*	10
ORCHID LAKE	3A19	1190	Not Available			498	-	1214	202	801	20
ORCHID LAKE	3A19P	1190	Not Available			505	-	1285	243	747*	16
PALISADE LAKE	3A09P	880	Not Available			-	-	785	337	635*	3
UPPER MOSELY CREEK	3A24P	1650	01	-	184	149	204	491	85	182	13
UPPER SQUAMISH RIVER	3A25P	1340	01	-	799	454	956	1072	454	723	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

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	03	20	71	0T	0	264	0T	81*	17
FORBIDDEN PLATEAU	3B01	1130	30	184	662	531	601	1287	0	587	19
JUMP CREEK	3B23P	1160	01	-	589	266	353	806	244	437*	6
WOLF RIVER (LOWER)	3B19	640	03	78	234	-	102	326	0	137*	12
WOLF RIVER (MIDDLE)	3B18	1070	03	97	284	200	234	590	0	241*	13
WOLF RIVER (UPPER)	3B17P	1490	01	-	582	378	719	1057	150	531	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

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	

BURNT BRIDGE CREEK	3C08P	1330	01	-	585	-	454	600	400A	485*	3
TAHTSA LAKE	1B02P	1300	01	-	957	509	817	939	475	693*	9
WEDEENE RIVER SOUTH	3C07	300	31	79	257	-	-	-	-	-	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

NORTH EAST*January 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	
AIKEN LAKE	4A30P	1040	Not Available		120	158	262	86	138*	14	
BULLHEAD MOUNTAIN	4A28	790	27	30	54	2A	0	111	0	47*	18
BULLMOOSE CREEK	4A31	1570	Not Available		160	219	493	94	264*	13	
FORT ST. JOHN A	4A25	690	30	26	36	28	44	134	14	56	26
FREDRICKSON LAKE	4A10	1310	03	66	148	127	143	250	102	142*	12
GERMANSEN (UPPER)	4A05	1500	02	86	251	155	194	364	99	179	19
JOHANSON LAKE	4B02	1540	03	77	201	-	155	282	90	148	18
KAZA LAKE	1A12	1190	02	81	220	156	211	371	113	182*	16
KWADACHA RIVER	4A27P	1620	01	-	210	128	197	307	109	171	15
LADY LAURIER LAKE	4A07	1460	04	133	427	233	369	472	154	249	18

MACKENZIE A	4A19	700	30	41	84	40	112	283	40	97	28
MONKMAN CREEK	4A20	1550	30	92	294	145	-	546	145	273*	10
MORFEE MOUNTAIN	4A16	1450	04	139	468	349	-	710	349	521*	6
MOUNT SHEBA	4A18	1490	30	146	450	244	505B	793	244	456*	13
MOUNT STEARNS	4A21	1500	03	53	138	50	46	151	45	86*	12
PACIFIC LAKE	1A11	770	30	79	183	150	426B	476	150	293*	18
PHILIP LAKE	4A13	980	02	67	163	92	187	268	64	120	19
PINE PASS	4A02	1430	04	238	799	606	720	988	314	549	20
PINE PASS	4A02P	1400	01	-	680	460	491	1016	460	566	12
PULPIT LAKE	4A09	1310	03	105	300	224	248	398	182	249*	13
PULPIT LAKE	4A09P	1310	01	-	287	247	238	344	158	255*	10
SIKANNI LAKE	4C01	1400	03	74	199	120	129	257	65	138	18
TRYGVE LAKE	4A11	1400	Not Available			154	-	299	126	188	15
TSAYDAYCHI LAKE	4A12	1160	02	102	310	196	211	393	128	186	18
TUTIZZI LAKE	4A06	1070	02	73	191	94	200	200	85	138*	11
WARE (LOWER)	4A04	980	03	68	174	90	124	240	63	114*	11
WARE (UPPER)	4A03	1570	03	80	224	121	148	248	97	161*	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											

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	

DEADWOOD RIVER	4C09P	1300	01	-	79	-	58	211	34	82*	7
DEASE LAKE	4C03	820	30	36	61	42	41	150	20	70	35
FORT NELSON A	4C05	380	31	48	85	26	47	112	20	57*	34
SIKANNI LAKE	4C01	1400	03	74	199	120	129	257	65	138	18

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

January 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	
DEASE LAKE	4C03	820	30	36	61	42	41	150	20	70	35
KINASKAN LAKE	4D11P	1020	01	-	221	128	183	378	104	189*	11
TUMEKA CREEK	4D10P	1220	01	-	311	-	326	591	186	341	9
WADE LAKE	4D14P	1370	01	-	184	166	243	344	91	240	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

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
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	
CEDAR-KITEEN	4B18P	885	01	-	338	229	-	229	229	229*	1
GRANDUC MINE	4B12P	790	01	-	1065	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	02	114	359	199	210	470	135	254	26
JOHANSON LAKE	4B02	1540	03	77	201	-	155	282	90	148	18
KAZA LAKE	1A12	1190	02	81	220	156	211	371	113	182*	16
LU LAKE	4B15P	1310	01	-	206	94	86	146	86	111*	4
SHEDIN CREEK	4B16P	1480	01	-	551	454	435	503	353	425*	6
TERRACE A	4B13A	180	03	32	100	89	110	162	0	76*	19
TRYGVE LAKE	4A11	1400	Not Available			154	-	299	126	188	15
TSAI CREEK	4B17P	1360	01	-	904	405	-	589	405	525*	3
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