

Banner

January 1, 2001**UPPER FRASER AND NECHAKO**Nechako/
Upper
Fraser[Nechako & Upper Fraser Basin Snow Survey Measurements](#)[Data Graphs](#)

Precipitation in the area was below normal in September, November and December and a little above normal in October. Mean temperatures have mostly been close to normal for the season.

The snowpack, particularly at higher elevations, is amongst the lowest ever recorded for this date, with the majority of the snow courses reporting record low water equivalent readings. For example, Barkerville (1A03P), which has 20 years of January 1 data, reports only 50% of its normal snow water equivalent, a new record low reading. It should be noted that many stations have comparatively few years of record for January 1.

The snowpack in the Nechako basin is estimated to be about 70% of normal for this date.

Regional run off as indicated by flows in the Fraser River near Marguerite was above normal in November, but was about 11% below normal in December.

MIDDLE AND LOWER FRASERLower
Fraser
Basin[Middle & Lower Fraser Basin Snow Survey Measurements](#)[Data Graphs](#)

Precipitation in the middle Fraser basin has been below normal for each of the last four months. In the lower Fraser, precipitation was above normal in September, but has been well below normal since then - only 42% of normal was reported for November and December. Mean temperatures have been within a degree of normal each month.

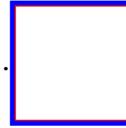
The relatively few snow courses with more than ten year's data for January 1 indicate a snowpack in the middle and lower Fraser basins that is well below normal. The regional snowpack index is estimated to be 67% of normal.

The monthly flow of the Fraser River at Hope dropped from close to normal in November to well below normal in December.

NORTH AND SOUTH THOMPSON

Thompson
Basin
Snow

[Thompson Basin Snow Survey Measurements](#)



[Data Graphs](#)

Precipitation in the basin has been close to, or a little above, normal during the fall except for November which was exceedingly dry. Mean temperatures have been close to normal.

Snow course data in the Thompson basin for January 1st is somewhat sparse. The few readings available indicate that the snowpack is well below normal with the regional snowpack indices estimated at 65 and 60% of normal for the North and South Thompson basins respectively. Park Mountain snow pillow (1F03P), which has 15 years of January 1 data, reports its lowest ever reading for this date.

The mean monthly flow in the Thompson River at Spences Bridge was near normal in November, but only 88% of normal in December.

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[Groundwater Conditions](#)

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Banner

January 1, 2001

Columbia
&
Kootenay

[Columbia & Kootenay Snow Survey Measurements](#)

Okanagan
Kettle

[Similkameen, Okanagan & Kettle Snow Survey Measurements](#)

UPPER AND LOWER COLUMBIA

September precipitation was about 33% above normal, but since then precipitation in the Columbia valley has been well below normal. Mean temperatures were close to normal in September and October, but over a degree below normal in November and December.

As a result of the below normal precipitation, snowpacks throughout the Columbia basin are well below normal. The regional snow water index is estimated to be only 55% of average with over half of the snow courses reporting new record low readings for this date. For example, Beaverfoot (2A11) which has 16 years of record at this date, has only 47% of its normal snowpack.

Mean monthly runoff as indicated by the Columbia River at Donald was only 81% of normal in November, but dropped to 67% of normal in December in response to the dry weather.

Data
Graphs

[Data Graph](#)

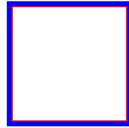
EAST AND WEST KOOTENAY

After a wet September, the precipitation in the Kootenay River basin has been well below normal for the last three months. Temperatures for the past two months have averaged about a degree below normal.

The lack of precipitation is reflected in the snowpack readings which indicate a near-record low snowpack. Most of the snow water equivalents reported for this date, particularly at higher elevations, are the lowest ever reported. For example, Mt. Assiniboine (2C15) in the East Kootenay basin which has 17 years of data for this date reports only 45% of its normal water equivalent. In the West Kootenay basin, Mount Templeman (2D09) reports its lowest reading in 14 years at 55% of normal.

The regional runoff as indicated by the Kootenay River at Fort Steele followed a similar pattern to that of the Columbia,

with the mean flow for December being only 68% of normal.



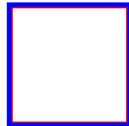
[Data Graphs](#)

OKANAGAN, KETTLE AND SIMILKAMEEN

In September and October, precipitation in the area was above normal with temperatures close to normal. In November and December precipitation was well below normal with mean temperatures about a degree below normal.

Very few snow courses are sampled in this area at this sampling date. Those that are, show that the snowpack is generally well below average, but mostly greater than previously recorded minimum levels. The regional snowpack index is estimated to be 65% of normal for the Okanagan-Kettle and 55% of normal for the Similkameen.

Okanagan Lake is close to its target level for this time of year. Inflows to Okanagan Lake have been a little below normal for the last three months.



[Data Graphs](#)

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Banner

January 1, 2001

Snow
Survey
Measurements

[Coastal Basin Snow Survey Measurements](#)

[Data Graphs](#)

SOUTH COAST AND VANCOUVER ISLAND

With the exception of October which was near normal, precipitation throughout the region has been below normal for the past four months. Mean temperatures have been close to normal. As a result of the dry conditions, snowpacks in the region are below normal although mostly well above previously recorded minimum levels. Regional snowpack indices are estimated to be 55% and 75% of normal for the South Coast and Vancouver Island regions, respectively.

Natural runoff as indicated by the inflow to Upper Campbell Lake was substantially below normal in November and December, as would be expected given the low precipitation

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[Groundwater Conditions](#)

[Snow Pillow Information](#)

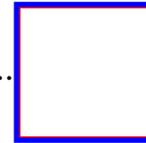
Banner

January 1, 2001

NORTHEASTERN

NE Snow
Survey
Measureme

[Northeast Basins Snow Survey Measurements](#)



[Data Graphs](#)

In the Liard River basin, precipitation was above normal in September, but has been well below normal since then, with only about 35% of normal reported in December. Temperatures were near normal through the period except for November which was about 4 °C above normal. Based on very limited snow data, the snowpack is estimated to be about 71% of normal for this date.

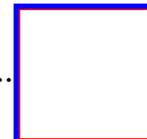
In the Peace River basin, precipitation was normal in September, greater than normal in October and well below normal in November and December. Most snow courses report below normal readings, but few new record lows are set. The regional snow water equivalent index is estimated to be about 74% of normal for this time of year.

The regional runoff as indicated by the inflow to Williston Lake was well above normal in November and close to normal in December.

NORTHWESTERN

NW Snow
Survey
Measureme

[Northwest Basins Snow Survey Measurements](#)



[Data Graphs](#)

Precipitation for the past four months has been a little below normal with October being the driest month. Mean temperatures were a little below normal in September and October, and above normal in November and December.

Based on very limited snow data, the snowpack in the Skeena-Nass area is estimated to be 75% of normal

for this sampling date.

Runoff as indicated by flows in the Skeena River at Usk was a little above normal in November and close to normal in December.

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[Groundwater Conditions](#)

[Snow Pillow Information](#)



UPPER FRASER

January 1, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
UPPER FRASER											
PRINCE GEORGE A	1A10	690	02	19	30	61	69	156	19	69	38
PACIFIC LAKE	1A11	770	06	61	150	426B	271	476	177	302*	17
BURNS LAKE	1A16	800	02	24	40	48	96	176	26	69	26
PHILIP LAKE	4A13	980	03	45	92	187	206	268	64	120	18
HEDRICK LAKE	1A14	1100	06	79	161	482B	291	640	291	391*	10
HEDRICK LAKE	1A14P	1100	01	-	233	461	-	461	461	461*	1
KAZA LAKE	1A12	1190	03	85	156	211	176	371	113	184*	15
MOUNT SHEBA	4A18	1490	06	93	244	505B	346	793	287	476*	12
BARKERVILLE	1A03P	1520	01	-	90	150	188	312	103	179	20
KNUDSEN LAKE	1A15	1580	06	103	242	-	300	821	300	453*	11
REVOLUTION CREEK	1A17P	1690	01	-	222	420	331	814	240	452	16
LONGWORTH (UPPER)	1A05	1740	06	94	254	-	326	694	304	444*	10
YELLOWHEAD	1A01P	1860	01	-	184	428	356	428	236	330*	4
NECHAKO											

SKINS LAKE	1B05	880	01	17	35	56	74	111	0	55*	15
TAHTSA LAKE	1B02P	1300	01	-	509	817	817	939	475	716*	8
MOUNT PONDOSY	1B08P	1400	Not Available			457	442	686	283	474*	8
MOUNT WELLS	1B01P	1490	01	-	216	232	280	433	232	310	8
MIDDLE FRASER											
PUNTZI MOUNTAIN	1C22	940	31	13	22	44	40	106	0	40	28
NAZKO	1C08	1070	03	16	30	13	54	84	13	39	15
BIG CREEK	1C21	1140	28	20	30	10	37	62	10	44	14
GRANITE MOUNTAIN	1C33	1150	05	34	76	69	94	158	43	105*	8
LAC LE JEUNE (LOWER)	1C07	1370	28	25	44	23	41	123	8	66	28
BRIDGE GLACIER (LOWER)	1C39	1400	04	90	226	270	400	456	204	336*	6
BRALORNE	1C14	1450	04	27	48	86	106	158	70	99*	6
LAC LE JEUNE (UPPER)	1C25	1460	28	30	58	40	70	146	10	81	28
BRENDA MINE	2F18P	1460	Not Available			121	211	304	107	195	7
BOSS MOUNTAIN MINE	1C20P	1460	01	-	233	345	319	461	236	323	7
BARKERVILLE	1A03P	1520	01	-	90	150	188	312	103	179	20
YANKS PEAK EAST	1C41P	1670	01	-	296	416	454	491	416	459*	4
GREEN MOUNTAIN	1C12P	1780	01	-	268	524	604	707	312	503*	7
MCGILLIVRAY PASS	1C05	1800	04	84	192	276	348	458	196	295*	8
MISSION RIDGE	1C18P	1850	01	-	165	311	384	659	148	270	14

DOWNTON LAKE (UPPER)	1C38	1890	04	129	324	504	690	690	294	542*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	04	60	152	240	360	364	216	281*	6
BRALORNE (UPPER)	1C37	1980	04	94	244	372	398	504	195	371*	6

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 FRASER

January 1, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
MIDDLE FRASER											
PUNTZI MOUNTAIN	1C22	940	31	13	22	44	40	106	0	40	28
NAZKO	1C08	1070	03	16	30	13	54	84	13	39	15
BIG CREEK	1C21	1140	28	20	30	10	37	62	10	44	14
GRANITE MOUNTAIN	1C33	1150	05	34	76	69	94	158	43	105*	8
LAC LE JEUNE (LOWER)	1C07	1370	28	25	44	23	41	123	8	66	28
BRIDGE GLACIER (LOWER)	1C39	1400	04	90	226	270	400	456	204	336*	6
BRALORNE	1C14	1450	04	27	48	86	106	158	70	99*	6
LAC LE JEUNE (UPPER)	1C25	1460	28	30	58	40	70	146	10	81	28
BRENDA MINE	2F18P	1460	Not Available			121	211	304	107	195	7
BOSS MOUNTAIN MINE	1C20P	1460	01	-	233	345	319	461	236	323	7
BARKERVILLE	1A03P	1520	01	-	90	150	188	312	103	179	20
YANKS PEAK EAST	1C41P	1670	01	-	296	416	454	491	416	459*	4
GREEN MOUNTAIN	1C12P	1780	01	-	268	524	604	707	312	503*	7
MCGILLIVRAY PASS	1C05	1800	04	84	192	276	348	458	196	295*	8

MISSION RIDGE	1C18P	1850	01	-	165	311	384	659	148	270	14
DOWNTON LAKE (UPPER)	1C38	1890	04	129	324	504	690	690	294	542*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	04	60	152	240	360	364	216	281*	6
BRALORNE (UPPER)	1C37	1980	04	94	244	372	398	504	195	371*	6
LOWER FRASER											
WOLVERINE CREEK	1D13	300	02	29	60	36	44	193	0	93	24
CALLAGHAN CREEK	3A20	1040	27	65	164	-	-	638	100	305*	11
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	975P	1304	487	922*	3
DICKSON LAKE	1D16	1070	28	115	408	830A	956	1110	360	787*	8
DOG MOUNTAIN	3A10	1080	27	94	324	563	793Z	897	96	561	14
BEAVER PASS	WA12	1120	27	48	122	264	615	615	264	379*	4
KLESILKWA	3D03A	1130	28	24	64	153	245	386	0	136*	10
SPUZZUM CREEK	1D19P	1180	01	-	394	840	721	840	721	781*	2
STAVE LAKE	1D08	1210	28	130	362	-	976	976	112	601*	10
WAHLEACH LAKE	1D09	1400	28	76	220	333	417	417	46	246*	14
WAHLEACH LAKE	1D09P	1400	01	-	354	506	640	777	259	519*	8
NAHATLATCH RIVER	1D10	1520	28	106	291	-	975	975	219	592*	9
EASY PASS	WA13	1580	Not Available			-	1222	1651	229	755*	20
CHILLIWACK RIVER	1D17P	1600	01	-	409	776	1165	1165	454	744	8
GREAT BEAR	1D15P	1660	01	-	424	881	-	954	446	651	8
TENQUILLE LAKE	1D06	1680	01	131	357	708	750	875	205	522	23
SKAGIT											
FREEZEOUT CREEK TRAIL	WA11	1070	28	36	66	104	226	259	104	184*	4
BEAVER PASS	WA12	1120	27	48	122	264	615	615	264	379*	4
KLESILKWA	3D03A	1130	28	24	64	153	245	386	0	136*	10
HARTS PASS	WA09	1980	29	109	315	551	744	744	551	648*	2

HARTS PASS	WA09P	1980	01	-	282	470	737P	737P	434	547*	3
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

COLUMBIA

January 1, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
UPPER COLUMBIA											
DOWNIE SLIDE (LOWER)	2A27	980	04	83	196	-	424	504	190	320	16
GLACIER	2A02	1250	04	82	190	373	392	519	147	331	30
VERMONT CREEK	2A19	1520	31	49	91	-	328	328	120	221	16
AZURE RIVER	1E08P	1620	01	-	390	780	626	780	540	657*	4
DOWNIE SLIDE (UPPER)	2A29	1630	04	139	370	902	940	1022	402	575	15
KIRBYVILLE LAKE	2A25	1750	04	151	383	703	830	854	389	565	17
MOUNT REVELSTOKE	2A06P	1830	01	-	317	745	780	835	383	571	8
FIDELITY MOUNTAIN	2A17	1870	02	135	360	799	597	1228	334	610	26
KEYSTONE CREEK	2A18	1890	04	89	217	499	543	577	266	376	16
BEAVERFOOT	2A11	1890	31	33	55	105	123	215	70	118	16
BUSH RIVER	2A23	1920	04	102	243	636	547	722	216	416	17
GOLDSTREAM	2A16	1920	04	147	355	732	614	906	427	579	16

MOUNT ABBOT	2A14	1980	03	123	300	837	723	1065	350	575	16
MOLSON CREEK	2A21P	1980	01	-	322	694	656	1072	318	565	20
SUNBEAM LAKE	2A22	2010	04	107	243	624	484	767	305	479	17
LOWER COLUMBIA											
FERGUSON	2D02	880	27	78	168	222	373	409	117	263	21
FARRON	2B02A	1220	28	49	100	155	174	330	40	177	16
MONASHEE PASS	2E01	1370	06	46	99	160	-	239	84	162	20
WHATSHAN (UPPER)	2B05	1480	06	68	169	349	-	543	207	316	16
BARNES CREEK	2B06	1620	06	66	160	296	-	363	146	240	15
BARNES CREEK	2B06P	1620	01	-	158	278	300	409	199	301*	8
ST. LEON CREEK	2B08	1800	06	118	325	715	-	1164	397	620	13
ST. LEON CREEK	2B08P	1800	01	-	221	578	-	637	368	569	5
KOCH CREEK	2B07	1860	06	83	234	389	-	452	170	329	12
RECORD MOUNTAIN	2B09	1890	31	73	188	362	538	538	134	401	16
EAST CREEK	2D08P	2030	01	-	206	500	596	858	219	476	19
EAST KOOTENAY											
FERNIE EAST	2C07	1250	31	40	80	86	144	330	28	166	25
MARBLE CANYON	2C05	1520	28	48	74	175	191	300	84	176	26
SULLIVAN MINE	2C04	1550	26	42	71	69	172	226	29	125*	15
WEASEL DIVIDE	MT02	1660	28	74	162	302	472	691	218	390*	15

BANFIELD MOUNTAIN	MT05P	1710	01	-	145	185	340	340	112	212*	3
MOUNT JOFFRE	2C16	1750	Not Available			-	258	364	86	155	15
MORRISSEY RIDGE	2C09Q	1800	01	-	123	210	450	706	157	322	17
MOYIE MOUNTAIN	2C10P	1930	01	-	143	140E	349	354	76	179*	21
HAWKINS LAKE	MT06P	1970	01	-	145	221	419	419	152	264*	3
THUNDER CREEK	2C17	2010	31	33	61	69	166	276	65	117	16
FLOE LAKE	2C14	2090	31	78	181	484	497	747	217	383	16
FLOE LAKE	2C14P	2090	01	-	173	473	-	502	187	332	5
HIGHWOOD SUMMIT (BUSH)	AL02	2210	Not Available			229	249	399	97	228*	11
MOUNT ASSINIBOINE	2C15	2230	31	54	111	335	343	567	162	248	17
SUNSHINE VILLAGE	AL05	2230	03	56	137	389	-	389	193	258*	4
WEST KOOTENAY											
FERGUSON	2D02	880	27	78	168	222	373	409	117	263	21
NELSON	2D04	930	29	51	121	147	212	366	66	173	41
CHAR CREEK	2D06	1310	02	63	144	240	360	480	110	239	17
BUNCHGRASS MEADOW	WA01P	1520	01	-	218	343	488	488	246	359*	3
GRAY CREEK (LOWER)	2D05	1550	Not Available			-	302	372	69	185	20
MOUNT TEMPLEMAN	2D09	1860	31	111	277	572	640	902	347	504	14
KOCH CREEK	2B07	1860	06	83	234	389	-	452	170	329	12
GRAY CREEK (UPPER)	2D10	1910	Not Available			-	-	612	222	380	11

EAST CREEK	2D08P	2030	01	-	206	500	596	858	219	476	19
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

THOMPSON

January 1, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
NORTH THOMPSON											
BLUE RIVER	1E01B	670	Not Available		-	127	263	69	156*	15	
COOK CREEK	1E14P	1280	Not Available		255	-	255	255	255*	1	
BOSS MOUNTAIN MINE	1C20P	1460	01	-	233	345	319	461	236	323	7
MOUNT COOK	1E02P	1550	Not Available		-	-	-	-	-	0	
AZURE RIVER	1E08P	1620	01	-	390	780	626	780	540	657*	4
KOSTAL LAKE	1E10P	1770	01	-	346	466	462	590	303	437	16
SOUTH THOMPSON											
MONASHEE PASS	2E01	1370	06	46	99	160	-	239	84	162	20
KIRBYVILLE LAKE	2A25	1750	04	151	383	703	830	854	389	565	17
PARK MOUNTAIN	1F03P	1890	01	-	256	489	473	632	281	410	15
ENDERBY	1F04	1900	29	122	301	540	447	742	292	476	25
MIDDLE FRASER											
PUNTZI MOUNTAIN	1C22	940	31	13	22	44	40	106	0	40	28

NAZKO	1C08	1070	03	16	30	13	54	84	13	39	15
BIG CREEK	1C21	1140	28	20	30	10	37	62	10	44	14
GRANITE MOUNTAIN	1C33	1150	05	34	76	69	94	158	43	105*	8
LAC LE JEUNE (LOWER)	1C07	1370	28	25	44	23	41	123	8	66	28
BRIDGE GLACIER (LOWER)	1C39	1400	04	90	226	270	400	456	204	336*	6
BRALORNE	1C14	1450	04	27	48	86	106	158	70	99*	6
LAC LE JEUNE (UPPER)	1C25	1460	28	30	58	40	70	146	10	81	28
BRENDA MINE	2F18P	1460	Not Available			121	211	304	107	195	7
BOSS MOUNTAIN MINE	1C20P	1460	01	-	233	345	319	461	236	323	7
BARKERVILLE	1A03P	1520	01	-	90	150	188	312	103	179	20
YANKS PEAK EAST	1C41P	1670	01	-	296	416	454	491	416	459*	4
GREEN MOUNTAIN	1C12P	1780	01	-	268	524	604	707	312	503*	7
MCGILLIVRAY PASS	1C05	1800	04	84	192	276	348	458	196	295*	8
MISSION RIDGE	1C18P	1850	01	-	165	311	384	659	148	270	14
DOWNTON LAKE (UPPER)	1C38	1890	04	129	324	504	690	690	294	542*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	04	60	152	240	360	364	216	281*	6
BRALORNE (UPPER)	1C37	1980	04	94	244	372	398	504	195	371*	6

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

January 1, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
KETTLE											
FARRON	2B02A	1220	28	49	100	155	174	330	40	177	16
MONASHEE PASS	2E01	1370	06	46	99	160	-	239	84	162	20
GRANO CREEK	2E07P	1860	01	-	143	240	308	308	154	234*	3
OKANAGAN											
SUMMERLAND RESERVOIR	2F02	1280	29	40	64	63	121	198	46	111	37
BRENDA MINE	2F18P	1460	Not Available			121	211	304	107	195	7
GREYBACK RESERVOIR	2F08	1550	04	48	84	94	112	181	56	112	18
ISINTOK LAKE	2F11	1680	02	41	85	42	109	196	16	84	35
MISSION CREEK	2F05P	1780	01	-	120	263	311	326	104	201	30
MOUNT KOBAN	2F12	1810	29	51	124	112	197	261	28	157	24
SIMILKAMEEN											
FREEZEOUT CREEK TRAIL	WA11	1070	28	36	66	104	226	259	104	184*	4
MISSEZULA MOUNTAIN	2G05	1550	29	36	74	54	140Z	197	54	122*	8
ISINTOK LAKE	2F11	1680	02	41	85	42	109	196	16	84	35

BLACKWALL PEAK	2G03P	1940	01	-	173	364	645	923	108	391	31
HARTS PASS	WA09	1980	29	109	315	551	744	744	551	648*	2
HARTS PASS	WA09P	1980	01	-	282	470	737P	737P	434	547*	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

COASTAL*January 1, 2001***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
SOUTH COASTAL											
PALISADE LAKE	3A09P	880	Not Available		-	782	785	337	635*	3	
CALLAGHAN CREEK	3A20	1040	27	65	164	-	-	638	100	305*	11
DOG MOUNTAIN	3A10	1080	27	94	324	563	793Z	897	96	561	14
GROUSE MOUNTAIN	3A01	1100	27	108	380	592	832Z	878	24	428	20
ORCHID LAKE	3A19	1190	28	164	499	-	1066Z	1214	202	801	19
ORCHID LAKE	3A19P	1190	Not Available		-	1085	1285	243	763*	15	
UPPER SQUAMISH RIVER	3A25P	1340	01	-	454	956	1026	1072	503	723	9
NOSTETUKO RIVER	3A22P	1500	Not Available		427	-	524	32	275*	10	
UPPER MOSELY CREEK	3A24P	1650	01	-	149	204	204	491	85	182	12
VANCOUVER ISLAND											

ELK RIVER	3B04	270	02	No Snow		0	78	264	0	86*	16
WOLF RIVER (LOWER)	3B19	640	Not Available			102	310	326	0	137*	12
WOLF RIVER (MIDDLE)	3B18	1070	02	54	200	234	444	590	0	244*	12
FORBIDDEN PLATEAU	3B01	1130	02	166	531	601	850	1287	0	587	18
JUMP CREEK	3B23P	1160	01	-	266	353	700A	806	244	471*	5
WOLF RIVER (UPPER)	3B17P	1490	01	-	378	719	725	1057	150	531	12
NORTH COASTAL											
TAHTSA LAKE	1B02P	1300	01	-	509	817	817	939	475	716*	8
BURNT BRIDGE CREEK	3C08P	1330	Not Available			454	400A	600	400A	485*	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											

NORTH EAST*January 1, 2001***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
PEACE											
FORT ST. JOHN A	4A25	690	26	16	28	44	-	134	14	56	25
MACKENZIE A	4A19	700	30	27	40	112	-	283	51	97	27
PACIFIC LAKE	1A11	770	06	61	150	426B	271	476	177	302*	17
BULLHEAD MOUNTAIN	4A28	790	31	No Snow	0	52A	111	0	0	49*	17
PHILIP LAKE	4A13	980	03	45	92	187	206	268	64	120	18
WARE (LOWER)	4A04	980	04	48	90	124	74	240	63	116*	10
AIKEN LAKE	4A30P	1040	01	-	120	158	108	262	86	139*	13
TUTIZZI LAKE	4A06	1070	03	58	94	200	142	200	85	142*	10
TSAYDAYCHI LAKE	4A12	1160	03	88	196	211	264	393	128	186	17
KAZA LAKE	1A12	1190	03	85	156	211	176	371	113	184*	15
PULPIT LAKE	4A09	1310	04	95	224	248	182	398	182	252*	12
PULPIT LAKE	4A09P	1310	01	-	247	238	158	344	158	256*	9
FREDRICKSON LAKE	4A10	1310	03	64	127	143	102	250	102	143*	11
PINE PASS	4A02P	1400	01	-	460	491	549	1016	491	566	11
SIKANNI LAKE	4C01	1400	04	61	120	129	108	257	65	138	17
TRYGVE LAKE	4A11	1400	04	80	154	-	152	299	126	188	14

PINE PASS	4A02	1430	05	197	606	720	707	988	314	549	19
MORFEE MOUNTAIN	4A16	1450	05	126	349	-	453	710	373	555*	5
LADY LAURIER LAKE	4A07	1460	05	95	231	369	230	472	154	249	17
MOUNT SHEBA	4A18	1490	06	93	244	505B	346	793	287	476*	12
MOUNT STEARNS	4A21	1500	04	26	50	46	70	151	45	89*	11
GERMANSEN (UPPER)	4A05	1500	03	70	156	194	191	364	99	179	18
JOHANSON LAKE	4B02	1540	Not Available			155	116	282	90	148	18
MONKMAN CREEK	4A20	1550	06	61	145	-	257	546	192	288*	9
WARE (UPPER)	4A03	1570	04	56	125	148	134	248	97	165*	11
BULLMOOSE CREEK	4A31	1570	04	68	160	219	-	493	94	273*	12
KWADACHA RIVER	4A27P	1620	01	-	128	197	158	307	109	171	14
LIARD											
FORT NELSON A	4C05	380	02	18	26	47	-	112	20	58*	33
DEASE LAKE	4C03	820	04	27	42	41	60	150	20	70	34
DEADWOOD RIVER	4C09P	1300	Not Available			58	52	211	34	82*	7
SIKANNI LAKE	4C01	1400	04	61	120	129	108	257	65	138	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											

NORTH WEST*January 1, 2001***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
STIKINE/ TAKU											
FORREST-KERR CREEK	4D08P	560	01	-	119A	262	219	655	198	344*	9
DEASE LAKE	4C03	820	04	27	42	41	60	150	20	70	34
KINASKAN LAKE	4D11P	1020	01	-	128	183	104	378	104	195*	10
TUMEKA CREEK	4D10P	1220	Not Available			326	186	591	186	341	9
WADE LAKE	4D14P	1370	01	-	166	243	91	344	91	240	9
YUKON											
SKEENA/ NASS											
TERRACE A	4B13A	180	27	32	89	110	152	162	0	75*	18
CEDAR-KITEEN	4B18P	885	01	-	229	-	-	-	-	-	0
KAZA LAKE	1A12	1190	03	85	156	211	176	371	113	184*	15
LU LAKE	4B15P	1310	01	-	94	86	146	146	86	116*	3
TSAI CREEK	4B17P	1360	01	-	405	-	589	589	581	585*	2
TRYGVE LAKE	4A11	1400	04	80	154	-	152	299	126	188	14

SHEDIN CREEK	4B16P	1480	01	-	454	435	353	503	353	419*	5
HUDSON BAY MTN.	4B03A	1480	03	90	199	210	312	470	135	254	25
JOHANSON LAKE	4B02	1540	Not Available			155	116	282	90	148	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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Banner

[Province-Wide Synopsis](#)

Snowpack and Water Supply Outlook for British Columbia

February 1, 2001

Some data added and commentary changed February 8, 2001

Basin Commentaries

[-Upper Fraser](#)

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.

[-Mid and Lower Fraser](#)

[-Thompson](#)

Province-wide Synopsis

graphs

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

[-Columbia](#)

[-Kootenay](#)

Relatively few snow courses are sampled for the February bulletin, but snow surveys have been conducted at 131 snow courses in B.C. and 15 in surrounding jurisdictions. These, together with data from 52 snow pillows, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses. Some additional data, mostly in the lower Columbia and Kootenay regions, have been added since this Bulletin was originally posted. The additional data did little to change the overall picture.

[-Okanagan, Kettle, and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

Snowpack

With a few exceptions, snow accumulations in the month of January were below normal, maintaining the pattern observed throughout the fall and winter. February 1st snowpacks are proportionally much the same or less than those reported a month ago. Particularly deficient areas include the upper Fraser, which is estimated to have less than half its normal February 1 snowpack and the Kootenay and Columbia regions which are estimated to be at 47 and 54 % of normal, respectively. No region has an above normal snowpack, but northern areas of the province are generally less deficient than the southern half.

[-NorthWest](#)

[Feb 15 Snow Pillow Commentary](#)

Snow Survey network see January Bulletin

Weather

Precipitation throughout the province remained below to well-below normal for the

Volume Forecasts -see May1 & June1

third consecutive month with the accumulated precipitation since November in many regions at less than two-thirds of its normal amount. January was also very warm with temperatures considerably above normal in many areas. This would have the effect of reducing the amount of precipitation falling as snow to be available as runoff later in the year.

Outlook

Mountain snow accumulation should continue to occur for another two or three months. However, about two-thirds of the peak amount of snow on the ground for the year has normally occurred by this date. To achieve snowpacks close to normal in the southern half of the province this year will require accumulations considerably greater than normal during the next 2 to 3 months. While this could happen, there is nothing to indicate that it is likely and the chances are that runoff this year throughout the province will be below to well below normal. Seasonal volume forecasts will be published at the beginning of April, but water managers would be prudent to conserve supplies now for what looks like being a low runoff year.

Snow Survey Bulletins for 1997, 1998, 1999, 2000 and 2001 are available through the [archives](#).



Upper Fraser & Nechako Basins

graphs

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



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

February 1, 2001

The mean monthly temperature in the upper Fraser during January is estimated to have been almost 7°C above normal. This, combined with only about 57% normal precipitation has resulted in snow accumulations considerably below normal. Precipitation in the Nechako basin, however, was about 90% of normal which is reflected in the region's more substantial snowpack.

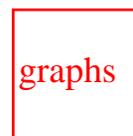
In the upper Fraser, the snowpack reported on February 1 this year is probably the lowest since records began about 50 years ago. Many snowcourses with long records for this date, particularly in the eastern portions of the basin, report all time record low water equivalent readings. For example McBride (upper) (1A02) which

has 47 years of data, reports a new record low reading, 20% below the previous record. In contrast, the Nechako basin has seen a substantial increase in the snowpack in the last month. Although still below normal, the Nechako regional index is estimated to have increased from 70 to 89% of normal in this period.

Regional run off as indicated by flows in the Fraser River near Marguerite during January was slightly below normal.



Middle and Lower
Fraser



[Data
Graphs](#)



[Snow Survey
Data
Measurements](#)

February 1, 2001

In the middle Fraser basin the mean monthly temperature was about 3.3°C above normal while valley-bottom precipitation was only estimated as 61% of normal. In the lower Fraser basin, the January precipitation was 56% of normal, but the accumulated precipitation since November 1 is estimated to be only 47% of normal.

Snowpacks in the lower and middle Fraser, have changed relatively little since a month ago with the regional snowpack indices estimated to be 67 and 56% of normal, respectively. However, few new records are set at long term stations as the snowpacks on February 1 in 1977 and 1981 were generally lower than they are this year.

The monthly flow of the Fraser River at Hope remained below normal at 74%. Although abnormal conditions could still occur, it does not look likely that damaging flooding will occur along the Fraser this year.



Thompson Basin

graphs

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

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

February 1, 2001

Temperatures throughout the region were well above normal during January, the mean monthly temperature estimated at 5.5°C above normal. Precipitation in the North Thompson is estimated to have been only 54% of normal while that in the South Thompson - based on very little data - is estimated to have been 69% of normal for the month.

In the North Thompson, long term stations generally have greater snowpacks than previously recorded minimum levels. However, the regional snowpack index is estimated to be only 70% of normal for this sampling period. Unless there is substantially above normal accumulation during the next two or three months, it appears that runoff will be well below normal. Seasonal forecasts will be issued in the April 1 posting. In the South Thompson, the regional snowpack is estimated to be only 61% of normal, which is slightly greater than previously recorded minimum amount for this date.

Regional runoff, as represented by the mean monthly flow in the Thompson River at Spences Bridge, was just below normal.

Volume forecasts will be published with our April 1 measurements, but it is almost certain that runoff will be below normal this summer. Water managers would be well advised to start practising water conservation measures.



Columbia Basin

graphs

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

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

February 1, 2001

January valley-bottom precipitation in the Columbia basin was only about 45% of normal, bringing the accumulated precipitation since November to 56% of normal. Mean monthly temperature was over 3°C above normal.

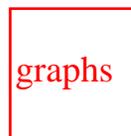
The snowpack throughout the Columbia basin is well below normal with the regional snowpack index having fallen slightly (to 53% of normal) from that reported a month ago. The deficiencies seem to be somewhat more severe in the upper Columbia. Several new record low readings are reported, the most notable being Kicking Horse (2A07) snow course which has a 54 year record at this date. Its snow water equivalent is 33% lower than the next lowest reading for February 1.

Unless there is a substantially above normal accumulation of snow in the next two or three months, it is likely that runoff will be well below normal this summer.

Regional monthly runoff as indicated by the Columbia River at Donald was about 80% of normal.



Kootenay Basin



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



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

February 1, 2001

The Kootenay basin valley-bottom precipitation during January was only about 25% of normal, bringing the accumulated total since November down to only 48%. The mean monthly temperature in the area is estimated to have been about 3°C above normal.

The Kootenay basin regional snowpack index was the lowest reported in the province last month at 52% of normal. During January, as would be expected from the low precipitation figure, snow accumulations have fallen even farther behind and the index is now estimated to be 47% of normal. Departures from normal are greatest in the East Kootenay region where most stations report record low readings for this date. As an example, Marble Canyon (2C05) in the East Kootenays reports its lowest February 1 reading in 52 years - almost 20% lower

than the next lowest reading which occurred in 1970.

The regional runoff as indicated by the Kootenay River at Fort Steele was 73% of normal during January and runoff this summer is likely to be well below normal.



Okanagan, Kettle,
and Similkameen
Basins

graphs

[Data
Graphs](#)



[Snow Survey
Data
Measurements](#)

February 1, 2001

Temperatures in the region were abnormally high during January with the mean monthly temperature estimated to be 4.6°C above normal. The regional precipitation for the month is estimated to have been only half normal, bringing the accumulated total since November 1 to 62% of normal.

In the Okanagan and Kettle basins, the snowpack continues to be well below normal with the regional snowpack index estimated to be 61% of normal. However, there is substantially more snow than was reported at this date in the very low years of 1977 and 1981. In the Similkameen basin, the regional snow index is estimated at 51% of normal, again above previously recorded minimum levels.

Okanagan Lake is within 10 cm of its target level for this time of year. Inflows to Okanagan Lake were a little below normal during January.

Snow accumulation will continue for another two or three months and it is possible that some of the deficiencies will be made up in this period. However, a continuation of the relatively dry weather would leave the region with considerably below normal runoff and it would be prudent to practise water conservation measures wherever possible throughout the spring. Volume inflow forecasts will be published with the April 1 data.



Coastal Region & Vancouver Island

graphs

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

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

February 1, 2001

January precipitation along the coast and on Vancouver Island was about two thirds of normal. This is at least the fifth consecutive month of below normal precipitation. Temperatures were generally about 2°C above normal.

On the south coast, the snowpack is estimated to be 55% of normal, relatively unchanged from a month ago. Farther north in coastal areas, although there are very few readings, it appears that the snowpack is only a little below normal. On Vancouver Island, however, the regional snowpack index is estimated to have fallen from 75% of normal last month to only 64% of normal now. Despite this, none of the snow courses with long records report new record low readings, those recorded in 1981 generally being substantially lower.

Natural runoff as indicated by the inflow to Upper Campbell Lake for January was 83% of normal, continuing the trend of below normal inflow seen all winter.



North East Region

graphs

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

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

February 1, 2001

Mean temperatures for January throughout the northern portions of BC were exceptionally warm with a departure of 9.4°C above normal estimated for the Liard and Peace basins. Precipitation was below normal throughout, with the cumulative amounts since November being 37% and 57% of normal for the Liard and Peace basins, respectively.

In the Liard River basin, we have very few snow course measurements, but the regional snowpack is estimated to be only 65% of normal for this date.

In the Peace River basin, the snowpack is very variable with individual snowcourses reporting from 35 to 102% of normal. There does not seem to be a consistent pattern to this, although snowcourses to the west of Williston Lake seem to be nearer normal than other areas.

The regional runoff as indicated by the inflow to Williston Lake was above normal (by 23%), continuing a three month trend.



NorthWest Region

graphs

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



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

February 1, 2001

Temperature departures from normal were estimated to be about 7°C above normal in the region during January. Precipitation, however was close to normal and the accumulated precipitation since the beginning of November is only 5% below normal.

In the Skeena and Nass basins, the snowpack is below normal, with the regional snowpack index estimated at about 80% of normal for February 1. In the Stikine and Taku basins the snowpack is below the averages of the past few years, but well above previously recorded minimum values.

Runoff as indicated by flows in the Skeena River at Usk was just below normal during January.



Banner

UPPER FRASER

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	-	150	221	345	351	163	251	22
BIRD CREEK	1A23	1180	01	37	68	66	116	176	66	114*	10
BURNS LAKE	1A16	800	01	37	60	84	120	232	44	112	30
CANOE RIVER	2A01A	910	27	23	45	65	74	140	39	102	26
HEDRICK LAKE	1A14	1100	29	108	251	512	680	823	316	465	33
HEDRICK LAKE	1A14P	1100	01	-	356	649	-	649	649	649*	1
KAZA LAKE	1A12	1190	30	92	213	225	231	440	125	229	31
KNUDSEN LAKE	1A15	1580	29	110	290	531	646	899	334	613	30
LONGWORTH (UPPER)	1A05	1740	Not Available			536	656	890A	315	523	28
MARMOT JASPER	AL12	1830	31	43	86	-	191	191	170	180*	3
MC BRIDE (UPPER)	1A02	1580	26	56	140	283	354	503	174	315	47
MOUNT SHEBA	4A18	1490	29	132	326	524	691	918	317	543	31
PACIFIC LAKE	1A11	770	29	108	218	455	564	679	269	425	33

PHILIP LAKE	4A13	980	30	58	118	201	224	353	124	199	34
PRINCE GEORGE A	1A10	690	29	34	46	81	128	224	52	118	39
REVOLUTION CREEK	1A17P	1690	01	-	305	585	656	930	460	609	15
YELLOWHEAD	1A01P	1860	01	-	233	476	596	596	356	454*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
KIDPRICE LAKE	4B01	1370	31	189	595	537	649	894B	440	607	43
MOUNT PONDOSY	1B08P	1400	01	-	512	561	689	750	393	606*	8
MOUNT SWANNELL	1B06	1620	01	72	163	125	256	382B	125	219*	12
MOUNT WELLS	1B01	1490	31	96	235	281	351	549B	213	367	17
MOUNT WELLS	1B01P	1490	01	-	299	296	396	555	296	381	8
NUTLI LAKE	1B07	1490	31	106	275	309	365	579	295	395*	9
SKINS LAKE	1B05	880	01	28	54	87	102	224	35	93	33
TAHTSA LAKE	1B02	1300	31	232	738	887	929	1209	508A	779	46
TAHTSA LAKE	1B02P	1300	01	-	829	969	1079	1079	652	907*	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

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	-	150	221	345	351	163	251	22
BIG CREEK	1C21	1140	28	17	33	30	53	100B	0	52	28
BOSS MOUNTAIN MINE	1C20P	1460	01	-	289	450	574	574	345	432	7
BRALORNE	1C14	1450	26	36	74	105	230	338	0	135	30
BRALORNE (UPPER)	1C37	1980	26	104	346	530	724	724	460	555*	6
BRENDA MINE	2F18P	1460	01	-	148	206	317	368	168	265	8
BRIDGE GLACIER (LOWER)	1C39	1400	Not Available			452	688	688	414	506*	6
DOWNTON LAKE (UPPER)	1C38	1890	26	132	378	662	980	980	552	727*	6
GRANITE MOUNTAIN	1C33	1150	01	42	90	111	187	217	77	158*	8
GREEN MOUNTAIN	1C12P	1780	01	-	393	637	948	948	410	694*	7
LAC LE JEUNE (LOWER)	1C07	1370	31	39	62	57	97	208	25	91	44
LAC LE JEUNE (UPPER)	1C25	1460	31	36	78	83	140	177	13	114	28

MCGILLIVRAY PASS	1C05	1800	26	91	265	454	645	645	150	399	49
MISSION RIDGE	1C18P	1850	01	-	232	402	661	794	254	434	14
MOUNT TIMOTHY	1C17	1660	29	60	151	165	384	384	103	222	34
NAZKO	1C08	1070	29	25	45	27	100	137B	6A	69	24
PUNTZI MOUNTAIN	1C22	940	31	18	26	84	60	126	0	55	31
SHOVELNOSE MOUNTAIN	1C29	1450	28	40	126	100	307	307	84	214	21
TYAUGHTON CREEK (NORTH)	1C40	1950	26	66	182	304	654	654	288	387*	5
YANKS PEAK EAST	1C41P	1670	01	-	409	585	761	761	540	635*	4

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

LOWER FRASER

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	-	150	221	345	351	163	251	22
BIG CREEK	1C21	1140	28	17	33	30	53	100B	0	52	28
BOSS MOUNTAIN MINE	1C20P	1460	01	-	289	450	574	574	345	432	7
BRALORNE	1C14	1450	26	36	74	105	230	338	0	135	30
BRALORNE (UPPER)	1C37	1980	26	104	346	530	724	724	460	555*	6
BRENDA MINE	2F18P	1460	01	-	148	206	317	368	168	265	8
BRIDGE GLACIER (LOWER)	1C39	1400	Not Available			452	688	688	414	506*	6
DOWNTON LAKE (UPPER)	1C38	1890	26	132	378	662	980	980	552	727*	6
GRANITE MOUNTAIN	1C33	1150	01	42	90	111	187	217	77	158*	8
GREEN MOUNTAIN	1C12P	1780	01	-	393	637	948	948	410	694*	7

LAC LE JEUNE (LOWER)	1C07	1370	31	39	62	57	97	208	25	91	44
LAC LE JEUNE (UPPER)	1C25	1460	31	36	78	83	140	177	13	114	28
MCGILLIVRAY PASS	1C05	1800	26	91	265	454	645	645	150	399	49
MISSION RIDGE	1C18P	1850	01	-	232	402	661	794	254	434	14
MOUNT TIMOTHY	1C17	1660	29	60	151	165	384	384	103	222	34
NAZKO	1C08	1070	29	25	45	27	100	137B	6A	69	24
PUNTZI MOUNTAIN	1C22	940	31	18	26	84	60	126	0	55	31
SHOVELNOSE MOUNTAIN	1C29	1450	28	40	126	100	307	307	84	214	21
TYAUGHTON CREEK (NORTH)	1C40	1950	26	66	182	304	654	654	288	387*	5
YANKS PEAK EAST	1C41P	1670	01	-	409	585	761	761	540	635*	4

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

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
					2001	2000	1999	Max.	Min.	Normal	
BEAVER PASS	WA12	1120	02	86	196	503	729	922	36	509*	32
CALLAGHAN CREEK	3A20	1040	02	176	424	626	804	879	50	569	17
CHILLIWACK RIVER	1D17P	1600	01	-	656	1136	1668	1668	771	1136	9
DICKSON LAKE	1D16	1070	27	133	478	1158	-	1220	398	861*	8

DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1597	1144	1371*	2
DOG MOUNTAIN	3A10	1080	26	106	377	1044	1187Z	1187Z	316	738	17
EASY PASS	WA13	1580	Not Available			-	-	2184	279	1160*	30
GREAT BEAR	1D15P	1660	01	-	608	1249	-	1391	682	1017	9
KLESILKWA	3D03A	1130	27	22	57	223	-	508	0	223	46
NAHATLATCH RIVER	1D10	1520	27	123	423	1004	-	1359	262	934	27
SPUZZUM CREEK	1D19P	1180	01	-	593	1331	1804E	1804E	1331	1568*	2
STAVE LAKE	1D08	1210	27	162	524	1034	-	1430	163	984	30
SUMMALLO RIVER WEST	3D01C	790	05	58	148	236	282	368	0	180*	9
TENQUILLE LAKE	1D06	1680	01	170	551	908	948	1206	241	735	29
TENQUILLE LAKE	1D06P	1680	01	-	450	-	-	-	-	-	0
WAHLEACH LAKE	1D09	1400	27	80	247	482	-	815	33	366	32
WAHLEACH LAKE	1D09P	1400	01	-	472	850	1012	1036	573	769*	8
WOLVERINE CREEK	1D13	300	30	37	108	108	100	270	10A	139	25

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E - ESTIMATED BASED ON AREAL AVERAGE

* - 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
					2001	2000	1999	Max.	Min.	Normal	
BEAVER PASS	WA12	1120	02	86	196	503	729	922	36	509*	32
FREEZEOUT CREEK TRAIL	WA11	1070	30	43	99	206	333	462	13	231*	31
HARTS PASS	WA09	1980	01	127	404	770	1041	1328	246	785*	46

HARTS PASS	WA09P	1980	01	-	371	640	1005P	1005P	640	789*	3
KLESILKWA	3D03A	1130	27	22	57	223	-	508	0	223	46
SUMALLO RIVER WEST	3D01C	790	05	58	148	236	282	368	0	180*	9

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

COLUMBIA

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	01	-	506	945	998	998	788	898*	4
BEAVERFOOT	2A11	1890	Not Available			140	-	249	81	156	33
BOW SUMMIT II	AL07A	2080	05	62	130	168	345	480	86B	275*	20
BUSH RIVER	2A23	1920	04	131	325	716	-	902	292	584	33
CANOE RIVER	2A01A	910	27	23	45	65	74	140	39	102	26
DOWNIE SLIDE (LOWER)	2A27	980	04	124	290	-	-	740	256	525	19
DOWNIE SLIDE (UPPER)	2A29	1630	04	188	534	1188	-	1422	466	837	19
FIDELITY MOUNTAIN	2A17	1870	29	147	430	1105	1067	1376	480	842	38
FIELD	2A03A	1280	29	39	62	81	170	233	46	129	61
GLACIER	2A02	1250	31	111	311	533	620	828	241	493	60
GOLDSTREAM	2A16	1920	04	186	504	966	-	1136	460	756	32
KEYSTONE CREEK	2A18	1890	04	118	292	666	-	866	290	553	31

KICKING HORSE	2A07	1650	29	54	102	235	357	384	153	256	54
KIRBYVILLE LAKE	2A25	1750	04	192	516	946	-	1160	381	770	25
MIRROR LAKE	AL06	2030	01	42	79	183	272	348	104	219*	33
MOLSON CREEK	2A21P	1980	01	-	435	803	1005	1155	417	739	19
MOUNT ABBOT	2A14	1980	30	151	396	1070	1106	1209	473	836	42
MOUNT REVELSTOKE	2A06P	1830	Not Available			1041	1140	1140	511	775	8
NIGEL CREEK	AL10	1920	31	59	128	340	366	528	94B	305*	28
NORTH CLEMINA CREEK	1E13	1860	26	122	380	681	581	796	315	599*	12
SUNBEAM LAKE	2A22	2010	04	143	348	748	-	886	405	641	33
SUNWAPTA FALLS	AL11	1400	31	35	65	130	194	254	48B	149*	28
VERMONT CREEK	2A19	1520	Not Available			282	-	574	102	325	31

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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
					2001	2000	1999	Max.	Min.	Normal	
BAIRD	WA02	980	30	61	130	203	173	295	20	151*	41

BARNES CREEK	2B06	1620	Not Available			336	489	612	196	341	33
BARNES CREEK	2B06P	1620	01	-	195	375	503	566	311	425*	8
EAST CREEK	2D08P	2030	01	-	274	628	866	1012	306	644	20
FARRON	2B02A	1220	31	56	134	238	248	346	63	236	27
FERGUSON	2D02	880	29	89	237	377	591	616	251	385	29
KOCH CREEK	2B07	1860	Not Available			458	-	708	203	476	31
MONASHEE PASS	2E01	1370	Not Available			231	292	364	122	235	41
RECORD MOUNTAIN	2B09	1890	29	84	216	551	802	802	117	496	26
ST. LEON CREEK	2B08	1800	Not Available			886	-	1247	475	834	31
ST. LEON CREEK	2B08P	1800	01	-	311	818	1092	1092	524	739	6
WHATSHAN (UPPER)	2B05	1480	Not Available			-	-	759	249	447	29

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E - ESTIMATED BASED ON AREAL AVERAGE

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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
					2001	2000	1999	Max.	Min.	Normal	
ALLISON PASS	AL01	1980	30	57	133	216	414	521	216	360*	11
BANFIELD MOUNTAIN	MT05P	1710	01	-	180	312	475	475	312	409*	3
FERNIE EAST	2C07	1250	29	40	90	234	274	467	51	252	47

FLOE LAKE	2C14	2090	Not Available			599	-	811	287	531	29
FLOE LAKE	2C14P	2090	01	-	221	581	731	731	238	465	6
HAWKINS LAKE	MT06P	1970	01	-	201	345	612	612	328	428*	3
HIGHWOOD SUMMIT (BUSH)	AL02	2210	31	48	89	292	330	480	132	278*	21
MARBLE CANYON	2C05	1520	31	55	107	237	330	505	130	258	52
MORRISSEY RIDGE	2C09Q	1800	01	-	172	361	611	886	346	500	17
MOUNT ASSINIBOINE	2C15	2230	Not Available			408	-	592	170	362	29
MOUNT JOFFRE	2C16	1750	Not Available			185	-	439	107	265	27
MOYIE MOUNTAIN	2C10P	1930	01	-	179	250E	499	499	104	271*	20
SULLIVAN MINE	2C04	1550	28	46	102	135	281	397	46	228	55
SUNSHINE VILLAGE	AL05	2230	01	69	150	445	538	678	231	427*	15
THUNDER CREEK	2C17	2010	Not Available			120	-	335	69	192	27
WEASEL DIVIDE	MT02	1660	31	86	234	523	749	858	185	559*	17

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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	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BUNCHGRASS MEADOW	WA01P	1520	01	-	259	498	719	719	498	572*	3
CHAR CREEK	2D06	1310	01	74	178	372	514	650	117	382	35
DUNCAN LAKE NO. 2	2D07A	650	26	37	94	110	172	283	60	147*	10
EAST CREEK	2D08P	2030	01	-	274	628	866	1012	306	644	20
FERGUSON	2D02	880	29	89	237	377	591	616	251	385	29
GRAY CREEK (LOWER)	2D05	1550	Not Available			-	431	511	127	305	51
GRAY CREEK (UPPER)	2D10	1910	Not Available			-	681	792	268	518	31
KOCH CREEK	2B07	1860	Not Available			458	-	708	203	476	31
MOUNT TEMPLEMAN	2D09	1860	Not Available			772	-	1115	452	738	31
NELSON	2D04	930	30	65	147	316	307	508	79	276	62

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

Banner

THOMPSON

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	28	105	334	554	654	654	285	433	20
AZURE RIVER	1E08P	1620	01	-	506	945	998	998	788	898*	4
BLUE RIVER	1E01B	670	03	86	198	245	262	340	98	249*	17
BOSS MOUNTAIN MINE	1C20P	1460	01	-	289	450	574	574	345	432	7
COOK CREEK	1E14P	1280	01	-	308	413	-	413	413	413*	1
COOK FORKS	1E06	1390	31	157	363	631	862	874	353	584	27
KNOUFF LAKE	1E05	1200	01	41	86	90	131	229	38	114	41
KOSTAL LAKE	1E10P	1770	01	-	441	624	764	764	415	604	16
MOUNT COOK	1E02A	1580	31	201	551	877	1064	1237	536	824	25
MOUNT COOK	1E02P	1550	01	-	600	-	-	-	-	-	0

NORTH CLEMINA CREEK	1E13	1860	26	122	380	681	581	796	315	599*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ABERDEEN LAKE	1F01A	1310	29	34	81	97	111	193	48	119	46
ADAMS RIVER	1E07	1720	28	105	334	554	654	654	285	433	20
ANGLEMONT	1F02	1190	04	86	227	210	398	483	131	259	41
ENDERBY	1F04	1900	27	126	350	778	932	932	348	641	38
KIRBYVILLE LAKE	2A25	1750	04	192	516	946	-	1160	381	770	25
MONASHEE PASS	2E01	1370	06	64	141	231	292	364	122	235	41
PARK MOUNTAIN	1F03P	1890	01	-	331	651	776	867	384	567	16
SILVER STAR MOUNTAIN	2F10	1840	28	98	287	568	641	721	229	481	42
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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	-	150	221	345	351	163	251	22
BIG CREEK	1C21	1140	28	17	33	30	53	100B	0	52	28
BOSS MOUNTAIN MINE	1C20P	1460	01	-	289	450	574	574	345	432	7
BRALORNE	1C14	1450	26	36	74	105	230	338	0	135	30
BRALORNE (UPPER)	1C37	1980	26	104	346	530	724	724	460	555*	6
BRENDA MINE	2F18P	1460	01	-	148	206	317	368	168	265	8
BRIDGE GLACIER (LOWER)	1C39	1400	Not Available			452	688	688	414	506*	6
DOWNTON LAKE (UPPER)	1C38	1890	26	132	378	662	980	980	552	727*	6
GRANITE MOUNTAIN	1C33	1150	01	42	90	111	187	217	77	158*	8
GREEN MOUNTAIN	1C12P	1780	01	-	393	637	948	948	410	694*	7
LAC LE JEUNE (LOWER)	1C07	1370	31	39	62	57	97	208	25	91	44
LAC LE JEUNE (UPPER)	1C25	1460	31	36	78	83	140	177	13	114	28
MCGILLIVRAY PASS	1C05	1800	26	91	265	454	645	645	150	399	49
MISSION RIDGE	1C18P	1850	01	-	232	402	661	794	254	434	14
MOUNT TIMOTHY	1C17	1660	29	60	151	165	384	384	103	222	34
NAZKO	1C08	1070	29	25	45	27	100	137B	6A	69	24

PUNTZI MOUNTAIN	1C22	940	31	18	26	84	60	126	0	55	31
SHOVELNOSE MOUNTAIN	1C29	1450	28	40	126	100	307	307	84	214	21
TYAUGHTON CREEK (NORTH)	1C40	1950	26	66	182	304	654	654	288	387*	5
YANKS PEAK EAST	1C41P	1670	01	-	409	585	761	761	540	635*	4

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

OKANAGAN

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BIG WHITE MOUNTAIN	2E03	1680	31	80	178	300	446	483	183	317	35
FARRON	2B02A	1220	31	56	134	238	248	346	63	236	27
GOAT CREEK	WA04	1220	29	43	94	112	140	224	20	134*	39
GRANO CREEK	2E07P	1860	01	-	180	323	465	465	304	364*	3
MONASHEE PASS	2E01	1370	06	64	141	231	292	364	122	235	41
SUMMIT G.S.	WA05	1400	29	58	130	157	185	244	41	147*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ABERDEEN LAKE	1F01A	1310	29	34	81	97	111	193	48	119	46
BRENDA MINE	2F18P	1460	01	-	148	206	317	368	168	265	8
GRAYSTOKE LAKE	2F04	1810	06	60	128	-	324	324	297	313*	3
GREYBACK RESERVOIR	2F08	1550	29	57	111	135	190	269	60	155	30
ISINTOK LAKE	2F11	1680	30	46	107	87	158	307	26	133	35
ISLAHT LAKE	2F24	1480	29	59	124	202	340	364	134	229	17
MC CULLOCH	2F03	1280	31	50	75	96	130	196	57	120	64
MISSION CREEK	2F05P	1780	01	-	169	341	495	495	152	299	29
MOUNT KOBAN	2F12	1810	29	61	151	158	252	373	43	215	34
OYAMA LAKE	2F19	1340	30	42	86	146	148	193	31	126	32
POSTILL LAKE	2F07	1370	30	52	121	110	200	243	73	140	50
SILVER STAR MOUNTAIN	2F10	1840	28	98	287	568	641	721	229	481	42
SUMMERLAND RESERVOIR	2F02	1280	29	50	91	116	184	307	66	175	36
TROUT CREEK	2F01	1430	28	46	90	112	184	292	33A	136	63
WHITEROCKS MOUNTAIN	2F09	1830	Not Available			326	663	693	135	392	30

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
					2001	2000	1999	Max.	Min.	Normal	
BLACKWALL PEAK	2G03P	1940	01	-	244	533	904	1076	159	597	33
FREEZEOUT CREEK TRAIL	WA11	1070	30	43	99	206	333	462	13	231*	31
HAMILTON HILL	2G06	1490	03	70	167	194	340	411	104	256	37
HARTS PASS	WA09	1980	01	127	404	770	1041	1328	246	785*	46
HARTS PASS	WA09P	1980	01	-	371	640	1005P	1005P	640	789*	3
ISINTOK LAKE	2F11	1680	30	46	107	87	158	307	26	133	35
LOST HORSE MOUNTAIN	2G04	1920	30	50	94	132	180	335	70	160	40
MISSEZULA MOUNTAIN	2G05	1550	03	53	110	98	277	284	61	166	34
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, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
CALLAGHAN CREEK	3A20	1040	02	176	424	626	804	879	50	569	17
CHAPMAN CREEK	3A26	1022	Not Available			-	-	1250	546	878*	5
DOG MOUNTAIN	3A10	1080	26	106	377	1044	1187Z	1187Z	316	738	17
GROUSE MOUNTAIN	3A01	1100	29	146	472	1258	1530Z	1530Z	50	788	51
NOSTETUKO RIVER	3A22P	1500	Not Available			472	531	628	203	431*	12
ORCHID LAKE	3A19	1190	26	200	656	1326	-	1624	408	1185	22
ORCHID LAKE	3A19P	1190	Not Available			-	1859	1859	491	1266*	14
PALISADE LAKE	3A09P	880	Not Available			-	-	790	700	745*	2

UPPER MOSELY CREEK	3A24P	1650	01	-	168	216	314	509	107	229	12
UPPER SQUAMISH RIVER	3A25P	1340	01	-	713	1309	1510	1510	802	1042	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

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
					2001	2000	1999	Max.	Min.	Normal	
ELK RIVER	3B04	270	28	No Snow	84	156	544	0	125	41	
FORBIDDEN PLATEAU	3B01	1130	28	188	694	941	1640	1640	42	961	45
JUMP CREEK	3B23P	1160	01	-	424	983	1251	1251	206	819*	5
TENNENT LAKE	3B22	950	Not Available			656C	-	880	202B	623	11
WOLF RIVER (LOWER)	3B19	640	28	42	140	246	506	528	0	263	28
WOLF RIVER (MIDDLE)	3B18	1070	28	73	218	422	690	742	16	408	29
WOLF RIVER (UPPER)	3B17P	1490	01	-	555	969	1219	1371	501	862	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

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
					2001	2000	1999	Max.	Min.	Normal	
BURNT BRIDGE CREEK	3C08P	1330	01	-	349	559	713	713	559	640*	3
TAHTSA LAKE	1B02	1300	31	232	738	887	929	1209	508A	779	46
TAHTSA LAKE	1B02P	1300	01	-	829	969	1079	1079	652	907*	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

NORTH EAST*February 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
AIKEN LAKE	4A30P	1040	01	-	161	195	185	330	142	200*	14
BULLHEAD MOUNTAIN	4A28	790	31	No Snow	42	71	149	20	66*	17	
BULLMOOSE CREEK	4A31	1570	02	84	234	267	386	539B	217	355*	13
FORT ST. JOHN A	4A25	690	28	13	29	50	80	154	38	84	27
FREDRICKSON LAKE	4A10	1310	30	68	147	145	147	309	110	173	32
GERMANSEN (UPPER)	4A05	1500	30	78	200	205	217	371	140	241	32
JOHANSON LAKE	4B02	1540	30	75	180	179	150	355	115	202	30
KAZA LAKE	1A12	1190	30	92	213	225	231	440	125	229	31
KWADACHA RIVER	4A27P	1620	01	-	176	242	237	371	139	230	15
LADY LAURIER LAKE	4A07	1460	31	104	283	378	296	635	226	343	29

MACKENZIE A	4A19	700	31	45	72	166	208	305	58	175	28
MONKMAN CREEK	4A20	1550	Not Available			296	437	775	238	418	24
MORFEE MOUNTAIN	4A16	1450	29	148	344	457	627	952	323	579	32
MOUNT SHEBA	4A18	1490	29	132	326	524	691	918	317	543	31
MOUNT STEARNS	4A21	1500	31	27	48	44	77	196	41	107	26
PACIFIC LAKE	1A11	770	29	108	218	455	564	679	269	425	33
PHILIP LAKE	4A13	980	30	58	118	201	224	353	124	199	34
PINE PASS	4A02	1430	01	268	785	769	-	1194	411	771	29
PINE PASS	4A02P	1400	01	-	652	661	823	1241	661	823	9
PINK MOUNTAIN	4A14	1170	Not Available			16	52	138	16	64	25
PULPIT LAKE	4A09	1310	31	108	281	277	276	530	190	293	29
PULPIT LAKE	4A09P	1310	01	-	314	244	299	405	232	321	10
SIKANNI LAKE	4C01	1400	31	66	151	150	161	325	81	178	31
TRYGVE LAKE	4A11	1400	31	88	215	252	189	434	183	255	31
TSAYDAYCHI LAKE	4A12	1160	30	90	226	237	309	507	146	270	33
TUTIZZI LAKE	4A06	1070	30	62	141	208	174	348	109	181	32
WARE (LOWER)	4A04	980	31	54	114	142	105	286	63	127	32
WARE (UPPER)	4A03	1570	31	60	138	161	153	289	108	178	30

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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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	2001	2000	1999	Max.	Min.	Normal	No. Years Record
DEADWOOD RIVER	4C09P	1300	Not Available			94	104	207	61	110*	7
DEASE LAKE	4C03	820	30	33	56	68	96	202	36	104	36
FORT NELSON A	4C05	380	30	24	35	63	67	128	43	86	35
SIKANNI LAKE	4C01	1400	31	66	151	150	161	325	81	178	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

Banner

NORTH WEST

February 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
DEASE LAKE	4C03	820	30	33	56	68	96	202	36	104	36
FORREST- KERR CREEK	4D08P	560	01	-	192	256	341	570	256	406*	9
ISKUT	4D02	1000	01	24	43	30	88	162	30	88	27
KINASKAN LAKE	4D11P	1020	01	-	226	265	168	516	155	277*	10
NINGUNSAW PASS	4B10	690	01	100	253	323	296	603	171	308	26
TUMEKA CREEK	4D10P	1220	01	-	375	421	274	744	274	449	11
WADE LAKE	4D14P	1370	01	-	221	282	186	410	125	295	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											

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
					2001	2000	1999	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
					2001	2000	1999	Max.	Min.	Normal	
BEAR PASS	4B11A	460	27	102	208	418	447	821	297	627	17
CEDAR-KITEEN	4B18P	885	01	-	398	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	29	83	272	274	357	665	221	361	29
JOHANSON LAKE	4B02	1540	30	75	180	179	150	355	115	202	30
KAZA LAKE	1A12	1190	30	92	213	225	231	440	125	229	31
KIDPRICE LAKE	4B01	1370	31	189	595	537	649	894B	440	607	43
LU LAKE	4B15P	1310	Not Available			105	206	206	105	160*	3
NINGUNSAW PASS	4B10	690	01	100	253	323	296	603	171	308	26

SHEDIN CREEK	4B16P	1480	01	-	630	589	559	693	559	612*	5
TACHEK CREEK	4B06	1140	29	57	113	-	-	194	113	153	6
TERRACE A	4B13A	180	29	35	103	166	170	274	0	150	21
TRYGVE LAKE	4A11	1400	31	88	215	252	189	434	183	255	31
TSAI CREEK	4B17P	1360	01	-	671	679	773	791	679	748*	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

Banner

[Province-Wide
Synopsis](#)

Snowpack and Water Supply Outlook for British Columbia

March 1, 2001

Basin
Commentaries

[-Upper Fraser](#)

[-Mid and Lower
Fraser](#)

[-Thompson](#)

[-Columbia](#)

[-Kootenay](#)

[-Okanagan, Kettle,
and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

[March 15 Snow Pillow
Commentary](#)

**Snow Survey network
see Jan1 Bulletin**

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](#)

Snow surveys have been conducted at 172 snow courses in B.C. and 23 in surrounding jurisdictions. These, together with data from 54 snow pillows, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses.

Snowpack

With a few exceptions, snow accumulations in the month of February were below normal, maintaining the pattern observed throughout the fall and winter. March 1st snowpacks are proportionally much the same or less than those reported a month ago. The greatest deficiencies occur along the Rocky Mountain Trench, including the Kootenays, the Upper Columbia, parts of the Upper Fraser and the southwestern portion of the Peace River. No region has an above normal snowpack, but northern areas of the province are generally less deficient than the southern half.

Weather

Mean monthly temperatures throughout the province were generally close to normal during February. Precipitation, however, continued well below normal in most areas for the fourth consecutive month. The accumulated precipitation totals since the beginning of November, particularly in the southern half of the province, are well below normal and less than half normal in some areas.

Outlook

Volume Forecasts - see April 1 & May 1 Snow Bulletins

The continuation of the generally dry weather throughout British Columbia during February means that there will almost certainly be below normal runoff in most streams and rivers this spring and summer. This could have adverse impacts in several areas including water supply, irrigation, hydro-electric power generation, forest fire hazard and fisheries. The severity of any impact will vary from stream to stream and community to community. For a general discussion on drought effects, see our [What is a drought?](#) page.

It should be noted that, in many areas, there have historically been lower snowpacks at this time of year. Mountain snow accumulation should continue to occur for the next month - and even longer at higher elevations. Higher than normal precipitation during this period and the following months could increase water supply, although it is unlikely that normal volumes will be attained. Forecasts of seasonal volume runoff will be published early in April.

All water users are advised to practise water conservation measures whenever possible.



Upper Fraser &
Nechako Basins

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

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

March 1, 2001

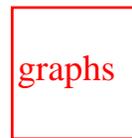
The mean monthly temperature in the upper Fraser was about 3° C below normal and precipitation was only about 40% of normal during February.

As a result, snowpack accumulations were below normal. The snowpack in the Upper Fraser continues to be well below normal with the regional snowpack index estimated to be only 51% of normal. The greatest deficiencies are in the eastern portions of the basin where some new record low readings are reported. The Nechako basin also had below normal precipitation and the snowpack is now estimated to have dropped to 80% of its normal value for this date.

Regional run off as indicated by flows in the Fraser River near Marguerite during February is not available at present.



Middle and Lower Fraser



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



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

March 1, 2001

In both the middle and lower Fraser basins, the mean monthly temperature was close to normal. February valley-bottom precipitation was 68% of normal in the middle Fraser, but only 25% in the lower Fraser basin. The accumulated precipitation total in the lower Fraser basin since November is now almost 60% less than normal for this period.

Snow accumulations in both the middle and lower Fraser basins were below normal during February and the regional snowpack indices have dropped to 59 and 56% of normal, respectively. However, most long term stations have had lower readings in previous years, so very few record low readings are reported.

The monthly flow of the Fraser River at Hope during February was only 59% of its normal amount.. Although abnormal conditions can always happen, damaging flooding is unlikely to occur along the Fraser this year.



Thompson Basin



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



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

March 1, 2001

Temperatures throughout the region were a little above normal during February. Valley bottom precipitation last month was only about half normal and the accumulated precipitation totals since November 1 are 38% and 29% below normal

for the North and South basins, respectively.

In the North Thompson, long term snow courses generally have greater snowpacks than previously recorded minimum values. However, as a result of lower than normal accumulations during February, the regional snowpack index is estimated to have fallen from 70% of normal last month to 65% of normal now. The situation in the South Thompson is similar with the regional snowpack index having fallen 3% to 60% of normal in the past month. Even with normal precipitation in the next month or two, runoff in the Thompson basin is likely to be well below normal.

Regional runoff, as represented by the mean monthly flow in the Thompson River at Spences Bridge, was 12% below normal during February.

Volume forecasts will be published with our April 1 measurements, but it is almost certain that runoff will be below normal this summer. Water users would be well advised to start practising water conservation measures.



Columbia Basin

graphs

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



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

March 1, 2001

February valley-bottom precipitation in the Columbia basin was only about a third of normal. The deficiency since the beginning of November is now estimated to be almost 50%. Mean monthly temperature is estimated to have been about 2° C below normal in the region.

The snowpack throughout the Columbia basin is well below normal with the regional snowpack index estimated to be 53% of normal. Several new record low readings are reported: e.g. Kicking Horse (2A07) snow course in the upper Columbia, which has a 54 year record and Whatshan (upper) (2B05) in the lower Columbia, which has a 39 year record, both report record low March 1 readings, well below previously recorded levels.

Unless there is a substantially above normal accumulation of snow in the next few weeks, it is likely that runoff throughout the basin will be well below normal this

summer.

Regional monthly runoff as indicated by the Columbia River at Donald was only 78% of normal during February.



Kootenay Basin

graphs

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

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

March 1, 2001

The dry conditions in the Kootenay basin continued for the fifth consecutive month with precipitation estimated to be only about 40% of normal in February. Only 46% of the normal total has fallen since the beginning of November.

Accumulations during February were generally lower than normal. For example, Floe Lake (2C14) which normally gains 105 mm during February only accumulated an additional 38 mm last month. As a result, the Kootenay basin regional snowpack index remains the lowest reported in the province at 47% of normal. Departures from normal are greatest in the East Kootenay region where many stations report record low readings for this date. e.g. Mt. Assiniboine (2C15) reports its lowest March 1 reading in 31 years - 13% lower than the next lowest reading.

The regional runoff as indicated by the Kootenay River at Fort Steele was 40% less than normal during the last month.



Okanagan, Kettle, and Similkameen Basins

graphs

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

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

March 1, 2001

February mean temperatures in the region were very close to normal, but precipitation was again below normal with the 4-month total since the beginning of November about 40% less than normally occurs in this period.

Snowpack accumulations through the region were below normal in February. For example, Silver Star Mountain (2F10) which normally gains 126 mm in the month only gained 60 mm last month to give a 42-year record low reading for this date. In the Okanagan and Kettle basins, the regional snowpack index is estimated to be 59% of normal. However, although there are some record new low readings, in general there is more snow now than was reported at this date in the low years of 1977 and 1981. In the Similkameen basin, the regional snow index is estimated to have risen slightly to 58% of normal, again above previously recorded minimum levels.

Okanagan Lake is close to its target level for this time of year although inflows to Okanagan Lake were well below normal during February.

Snow accumulation will continue for another month or so and it is possible that some of the deficiencies will be made up in this period. However, a continuation of the relatively dry weather would leave the region with well below normal runoff and it would be prudent to practise water conservation measures wherever possible throughout the spring. Volume inflow forecasts will be published with the April 1 data.



Coastal Region &
Vancouver Island

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

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

March 1, 2001

February precipitation along the south coast was only about one-third of normal but was about 60% of normal on Vancouver Island. Mean monthly temperatures were close to normal.

On the South Coast and Vancouver Island, snow accumulation during February was well below normal. For example, Callaghan Creek (3A20) which normally gains 284 mm during February, only accumulated 48 mm this year. As a result, the

regional snowpack index is estimated to be 58% of normal on the South Coast and 64% of normal on Vancouver Island. Despite this, none of the snow courses with long records report new record low readings, those reported in 1981 generally being substantially lower. Farther north in coastal areas, although there are few readings, it appears that the snowpack is a little below normal.

Natural runoff as indicated by the inflow to Upper Campbell Lake for February was only 45% of normal - the fifth consecutive month of below normal flows.



North East Region

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


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

March 1, 2001

Mean temperatures for February throughout the northern portions of BC were close to normal. Precipitation was less than half normal except in the Liard basin where it was close to normal for the month. However, the Liard area has had less than half the normal amount of precipitation since the beginning of November.

In the Liard River basin, we have very few snow course measurements, but the regional snowpack is estimated to be about 68% of normal for this date.

In the Peace River basin, the snowpack remains variable with individual snowcourses reporting from 34 to 98% of normal. There does not seem to be a consistent pattern to this, although snowcourses in the southernmost parts of the basin appear to have the greatest deficiencies.

The regional runoff as indicated by the inflow to Williston Lake was close to normal during February.



NorthWest Region

[graphs](#)

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

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

March 1, 2001

Temperatures during February were estimated to be very close to normal. Precipitation was less than half normal, but the accumulated total since the beginning of November is only 15% less than normal for this period.

In the Skeena and Nass basins, accumulations during February were generally below normal. As a result, the estimated regional snowpack index has fallen by 7% in the last month to 81% of normal now. In the Stikine and Taku basins, the snowpack is estimated to be about 18% below normal for this date, a little lower than that reported a year ago.

Runoff as indicated by flows in the Skeena River at Usk was 18% below normal during February.



Banner

UPPER FRASER

March 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
HANSARD	1A06A	610	01	42	101	94	219	396	44	206	28
PRINCE GEORGE A	1A10	690	01	30	73	92	176	296	33	142	39
PACIFIC LAKE	1A11	770	25	102	294	480	749	832	277	544	38
BURNS LAKE	1A16	800	01	41	80	96	178	240	60	136	29
CANOE RIVER	2A01A	910	27	28	55	75	139	251	32	133	60
PHILIP LAKE	4A13	980	26	61	138	225	324	382	152	249	37
HEDRICK LAKE	1A14	1100	25	104	327	534	852	954	330	588	33
HEDRICK LAKE	1A14P	1100	01	-	386	668	-	668	668	668*	1
BIRD CREEK	1A23	1180	28	37	88	96	160	232	96	137*	11
KAZA LAKE	1A12	1190	26	96	270	279	306	478	186	282	35
LU LAKE	4B15	1300	27	71	174	140	240	406	140	274	22
FORFAR CREEK (UPPER)	1A24	1410	23	139	374	328	546	648	328	488*	7
EQUITY MINE	4B14	1420	27	98	272	204	308	514	204	302	23
MOUNT SHEBA	4A18	1490	25	125	410	599	926	1037	394	697	30

BARKERVILLE	1A03P	1520	01	-	158	240	443	479	194	324	22
KNUDSEN LAKE	1A15	1580	25	119	404	580	826	1098	422	772	30
MC BRIDE (UPPER)	1A02	1580	27	72	169	278	452	594	182	389	47
NARROW LAKE	1A21	1650	28	146	515	657	1052	1300	419	739	26
REVOLUTION CREEK	1A17P	1690	01	-	336	612	810	1119	496	759	15
LONGWORTH (UPPER)	1A05	1740	25	129	420	530	822	1104	307	637	43
DOME MOUNTAIN	1A19	1820	27	130	378	519	822	981	351	680	27
MARMOT JASPER	AL12	1830	01	50	91	155	264	314	111	206*	17
YELLOWHEAD	1A01	1860	27	83	189	418	627	660	185	438	30
YELLOWHEAD	1A01P	1860	01	-	266	495	720	720	368	506*	4
HOLMES RIVER	1A18	1900	27	121	327	606	716	910	321	642	27
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
					2001	2000	1999	Max.	Min.	Normal	
SKINS LAKE	1B05	880	28	19	70	81	116	226	54	119	37
TAHTSA LAKE	1B02	1300	28	222	828	998	1381	1405	571	980	49
TAHTSA LAKE	1B02P	1300	01	-	896	1052	1512	1512	661	1103*	7

KIDPRICE LAKE	4B01	1370	28	181	643	627	831	1101	429	773	49
MOUNT PONDOSY	1B08P	1400	01	-	558	607	899	899	405	718*	8
NUTLI LAKE	1B07	1490	28	112	324	342	494	651	304	487*	10
MOUNT WELLS	1B01	1490	28	102	288	300	497	886	277	455	48
MOUNT WELLS	1B01P	1490	01	-	351	329	482	607	329	493	8
MOUNT SWANNELL	1B06	1620	28	68	173	148	336	446	148	266*	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

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
					2001	2000	1999	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	28	22	36	60	52	128	0	62	30
BROOKMERE	1C01	980	28	57	135	129	260	351	53	200	56
NAZKO	1C08	1070	02	23	50	29	112	155	0	83	24
BIG CREEK	1C21	1140	28	30	48	34	44	112	0	54	29
GRANITE MOUNTAIN	1C33	1150	02	41	100	129	205	254	94	177*	8
DUFFY LAKE	1C28	1200	01	84	242	446	762	762	194	442	22
PAVILION	1C06	1230	28	24	50	40	70	168	0	82	44
LAC LE JEUNE (LOWER)	1C07	1370	28	32	60	66	145	244	20	112	42

BRIDGE GLACIER (LOWER)	1C39	1400	25	101	304	520	954	954	476	625*	6
DEADMAN RIVER	1C32	1430	23	45	72	80	150	170	62	112	17
SHOVELNOSE MOUNTAIN	1C29	1450	24	77	155	179	398	398	104	258	20
BRALORNE	1C14	1450	25	40	97	115	297	363	0	166	37
BOSS MOUNTAIN MINE	1C20P	1460	01	-	315	476	735	735	435	503	7
LAC LE JEUNE (UPPER)	1C25	1460	28	35	78	92	212	213	13A	141	28
BRENDA MINE	2F18	1460	27	64	150	210	334	495	130	292	32
BRENDA MINE	2F18P	1460	01	-	184	264	431	431	220	329	8
HIGHLAND VALLEY	1C09A	1510	01	24	46	40	118	229	25A	95	35
BARKERVILLE	1A03P	1520	01	-	158	240	443	479	194	324	22
HORSEFLY MOUNTAIN	1C13A	1550	Not Available			336	600A	624	238	379	29
GNAWED MOUNTAIN	1C19	1580	01	29	58	52	150	259	15	123	33
MOUNT TIMOTHY	1C17	1660	26	70	173	185	468	468	141	285	38
YANKS PEAK EAST	1C41P	1670	01	-	443	608	900	900	608	734*	4
PENFOLD CREEK	1C23	1680	28	137	453	717	1126	1132	494	816	26
GREEN MOUNTAIN	1C12P	1780	01	-	445	698	1259	1259	690	850*	7
MCGILLIVRAY PASS	1C05	1800	25	99	302	463	834	1016	222	512	49
MISSION RIDGE	1C18P	1850	01	-	287	448	860	866	269	529	14
DOWNTON LAKE (UPPER)	1C38	1890	25	133	458	698	1250	1250	662	880*	6

TYAUGHTON CREEK (NORTH)	1C40	1950	25	82	282	318	916	916	318	471*	6
BRALORNE (UPPER)	1C37	1980	25	118	370	620	944	944	448	668*	6

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

Banner

LOWER FRASER

March 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PUNZI MOUNTAIN	1C22	940	28	22	36	60	52	128	0	62	30
BROOKMERE	1C01	980	28	57	135	129	260	351	53	200	56
NAZKO	1C08	1070	02	23	50	29	112	155	0	83	24
BIG CREEK	1C21	1140	28	30	48	34	44	112	0	54	29
GRANITE MOUNTAIN	1C33	1150	02	41	100	129	205	254	94	177*	8
DUFFY LAKE	1C28	1200	01	84	242	446	762	762	194	442	22
PAVILION	1C06	1230	28	24	50	40	70	168	0	82	44
LAC LE JEUNE (LOWER)	1C07	1370	28	32	60	66	145	244	20	112	42
BRIDGE GLACIER (LOWER)	1C39	1400	25	101	304	520	954	954	476	625*	6
DEADMAN RIVER	1C32	1430	23	45	72	80	150	170	62	112	17
SHOVELNOSE MOUNTAIN	1C29	1450	24	77	155	179	398	398	104	258	20
BRALORNE	1C14	1450	25	40	97	115	297	363	0	166	37

BOSS MOUNTAIN MINE	1C20P	1460	01	-	315	476	735	735	435	503	7
LAC LE JEUNE (UPPER)	1C25	1460	28	35	78	92	212	213	13A	141	28
BRENDA MINE	2F18	1460	27	64	150	210	334	495	130	292	32
BRENDA MINE	2F18P	1460	01	-	184	264	431	431	220	329	8
HIGHLAND VALLEY	1C09A	1510	01	24	46	40	118	229	25A	95	35
BARKERVILLE	1A03P	1520	01	-	158	240	443	479	194	324	22
HORSEFLY MOUNTAIN	1C13A	1550	Not Available			336	600A	624	238	379	29
GNAWED MOUNTAIN	1C19	1580	01	29	58	52	150	259	15	123	33
MOUNT TIMOTHY	1C17	1660	26	70	173	185	468	468	141	285	38
YANKS PEAK EAST	1C41P	1670	01	-	443	608	900	900	608	734*	4
PENFOLD CREEK	1C23	1680	28	137	453	717	1126	1132	494	816	26
GREEN MOUNTAIN	1C12P	1780	01	-	445	698	1259	1259	690	850*	7
MCGILLIVRAY PASS	1C05	1800	25	99	302	463	834	1016	222	512	49
MISSION RIDGE	1C18P	1850	01	-	287	448	860	866	269	529	14
DOWNTON LAKE (UPPER)	1C38	1890	25	133	458	698	1250	1250	662	880*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	25	82	282	318	916	916	318	471*	6
BRALORNE (UPPER)	1C37	1980	25	118	370	620	944	944	448	668*	6

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 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
					2001	2000	1999	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	28	31	100	60	94	232	0	139	25
SUMMALLO RIVER WEST	3D01C	790	27	68	188	266	402	442	79	224*	9
BROOKMERE	1C01	980	28	57	135	129	260	351	53	200	56
CALLAGHAN CREEK	3A20	1040	28	148	472	772	1166	1260	200	853	23
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1746	1284	1515*	2
DICKSON LAKE	1D16	1070	26	212	796	1344	-	1358	542	1070*	8
DOG MOUNTAIN	3A10	1080	23	145	519	1158	2146Z	2146Z	345	1011	17
BEAVER PASS	WA12	1120	01	94	307	655	1298	1298	30	660*	52
KLESILKWA	3D03A	1130	27	45	118	287	492	759	0	283	50
SPUZZUM CREEK	1D19P	1180	01	-	746	1493	-	1493	1493	1493*	1
DUFFEY LAKE	1C28	1200	01	84	242	446	762	762	194	442	22
STAVE LAKE	1D08	1210	27	200	721	-	2500A	2500A	353	1335	33
WAHLEACH LAKE	1D09	1400	27	111	356	568	782	1072	86	521	34
WAHLEACH LAKE	1D09P	1400	01	-	634	1049	-	1213	646	840*	8
NAHATLATCH RIVER	1D10	1520	27	149	565	1174	2380A	2380A	450	1193	32
EASY PASS	WA13	1580	Not Available			-	-	2913	478	1680*	35
CHILLIWACK RIVER	1D17P	1600	01	-	795	1268	-	1567	827	1338	7
GREAT BEAR	1D15P	1660	01	-	750	1421	-	1752	708	1254	9
TENQUILLE LAKE	1D06	1680	01	166	608	958	1568	1568	410	973	47
TENQUILLE LAKE	1D06P	1680	01	-	518	-	-	-	-	-	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

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
					2001	2000	1999	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	27	68	188	266	402	442	79	224*	9
FREEZEOUT CREEK TRAIL	WA11	1070	28	56	137	272	510	615	15	276*	52
BEAVER PASS	WA12	1120	01	94	307	655	1298	1298	30	660*	52
KLESILKWA	3D03A	1130	27	45	118	287	492	759	0	283	50
LIGHTNING LAKE	3D02	1220	27	60	150	246	497	497	51	258	27
HARTS PASS	WA09	1980	27	145	498	947	1369	1636	312	952*	50
HARTS PASS	WA09P	1980	01	-	444	795	1320A	1320A	795	1010*	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											

Banner

COLUMBIA

*March 1, 2001***(Some data revisions made 6 March, shown in red below)**

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
					2001	2000	1999	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	27	28	55	75	139	251	32	133	60
DOWNIE SLIDE (LOWER)	2A27	980	Not Available			-	1018	1018	378	665	22
GLACIER	2A02	1250	27	121	378	608	796	952	251	633	61
FIELD	2A03A	1280	25	54	101	106	193	248	53	158	61
SUNWAPTA FALLS	AL11	1400	01	47	94	138	262	277	79	174*	29
VERMONT CREEK	2A19	1520	26	72	159	341	598	643	152	409	34
AZURE RIVER	1E08P	1620	01	-	548	979	1335	1335	923	1060*	4
DOWNIE SLIDE (UPPER)	2A29	1630	28	168	614	1310	2120	2120	666	1048	21
KICKING HORSE	2A07	1650	25	73	140	265	380	462	178	313	54
KIRBYVILLE LAKE	2A25	1750	28	175	613	1114	1476	1476	526	935	27

MOUNT REVELSTOKE	2A06P	1830	01	-	577	1150	1487	1487	537	997	7
NORTH CLEMINA CREEK	1E13	1860	27	145	451	745	858	899	355	710*	12
FIDELITY MOUNTAIN	2A17	1870	26	186	599	1201	1401	1703	534	1068	38
BEAVERFOOT	2A11	1890	26	52	70	163	206	333	94	200	39
KEYSTONE CREEK	2A18	1890	28	119	357	845	1277	1277	366	690	32
BUSH RIVER	2A23	1920	28	126	377	932	1033	1078	281	712	33
GOLDSTREAM	2A16	1920	28	168	582	1041	1288	1351	553	943	37
NIGEL CREEK	AL10	1920	01	74	150	359	607	655	135	375*	29
MOLSON CREEK	2A21P	1980	01	-	510	889	-	1109	437	889	17
MOUNT ABBOT	2A14	1980	23	169	549	1252	1424	1448	508	1046	41
SUNBEAM LAKE	2A22	2010	28	135	408	-	1117	1117	389	777	32
MIRROR LAKE	AL06	2030	01	60	122	259	312	483	124	262*	34
BOW SUMMIT II	AL07A	2080	01	64	137	361	447	533	124	329*	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2001	2000	1999	Max.	Min.	Normal	
FERGUSON	2D02	880	28	96	283	443	796	796	332	521	49

BAIRD	WA02	980	26	66	162	236	249	368	0	185*	42
FARRON	2B02A	1220	27	62	160	282	323	450	79	301	28
MONASHEE PASS	2E01	1370	25	67	169	300	378	442	149	301	41
WHATSHAN (UPPER)	2B05	1480	25	98	285	571	918	918	340	573	39
BARNES CREEK	2B06	1620	25	96	266	456	634	634	251	430	39
BARNES CREEK	2B06P	1620	01	-	229	446	623	682	330	499*	7
ST. LEON CREEK	2B08	1800	25	169	500	-	1621	1621	658	1052	31
ST. LEON CREEK	2B08P	1800	01	-	416	953	1392	1392	554	969	7
KOCH CREEK	2B07	1860	25	113	337	-	996	996	269	605	36
RECORD MOUNTAIN	2B09	1890	28	96	277	680A	1136	1136	147	629	26
EAST CREEK	2D08P	2030	01	-	330	699	1110	1167	312	786	20

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

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
					2001	2000	1999	Max.	Min.	Normal	
KISHENEHN	MT01	1190	27	56	117	175	241	399	36	213*	55
FERNIE EAST	2C07	1250	27	58	118	290	370	584	61	333	50
UPPER ELK RIVER	2C06	1340	26	35	70	76	148	330	3A	136	51

SINCLAIR PASS	2C01	1370	27	35	67	100	109	262	48	131	54
BRUSH CREEK TIMBER	MT03	1520	26	68	142	-	193	432	86	226*	48
MARBLE CANYON	2C05	1520	27	71	153	290	389	579	152	323	54
SULLIVAN MINE	2C04	1550	25	59	121	191	389	465	53	279	55
WEASEL DIVIDE	MT02	1660	28	109	287	665	904	1257	254	749*	42
KIMBERLEY (MIDDLE) V O R	2C12	1680	27	55	111	171	309	386	97	259	32
BANFIELD MOUNTAIN	MT05P	1710	01	-	239	389	663	663	302E	451*	3
MOUNT JOFFRE	2C16	1750	26	66	122	263	434	551	140	316	29
MORRISSEY RIDGE	2C09Q	1800	01	-	232	480	739	1074	414	626	17
MOYIE MOUNTAIN	2C10P	1930	01	-	219	310E	653	653	149	335*	21
HAWKINS LAKE	MT06P	1970	02	-	254	419	881	881	381	560*	3
ALLISON PASS	AL01	1980	28	80	189	272	556	625	267	423*	18
THUNDER CREEK	2C17	2010	26	52	82	158	326	378	91	230	31
FLOE LAKE	2C14	2090	26	123	277	740	910	993	319	636	31
FLOE LAKE	2C14P	2090	01	-	300	671	889	889	254	560	6
KIMBERLEY (UPPER) V O R	2C11	2140	27	68	152	257	536	696	163	413	32
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27	68	145	353	361	455	150	333*	22
SUNSHINE VILLAGE	AL05	2230	28	92	211	584	696	770	254	502*	30
MOUNT ASSINIBOINE	2C15	2230	26	88	185	524	640	680	213	434	31

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2001	2000	1999	Max.	Min.	Normal	
DUNCAN LAKE NO. 2	2D07A	650	23	38	108	132	209	263	72	148*	10
FERGUSON	2D02	880	28	96	283	443	796	796	332	521	49
NELSON	2D04	930	26	72	201	353	482	558	140	355	61
SANDON	2D03	1070	26	71	213	272	475	475	239	343	24
CHAR CREEK	2D06	1310	01	82	231	508	752	754	234	487	33
BUNCHGRASS MEADOW	WA01	1520	Not Available			-	-	843	427	581*	13
BUNCHGRASS MEADOW	WA01P	1520	01	-	318	635	1049	1049	610	765*	3
GRAY CREEK (LOWER)	2D05	1550	26	90	245	376	518	663	201	390	52
KOCH CREEK	2B07	1860	25	113	337	-	996	996	269	605	36
MOUNT TEMPLEMAN	2D09	1860	26	156	490	-	1308	1534	516	909	31
GRAY CREEK (UPPER)	2D10	1910	26	124	343	-	862	955	356	647	31
EAST CREEK	2D08P	2030	01	-	330	699	1110	1167	312	786	20

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, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	28	79	226	284	338	411	210	291	18
KNOUFF LAKE	1E05	1200	26	43	94	92	145	284	36	134	42
COOK CREEK	1E14P	1280	01	-	338	471	-	471	471	471*	1
COOK FORKS	1E06	1390	27	135	461	723	1180A	1288	453	782	38
BOSS MOUNTAIN MINE	1C20P	1460	01	-	315	476	735	735	435	503	7
MOUNT COOK	1E02P	1550	01	-	680	-	-	-	-	-	0
MOUNT COOK	1E02A	1580	27	192	642	947	1550A	1550A	573	1024	27
AZURE RIVER	1E08P	1620	01	-	548	979	1335	1335	923	1060*	4
ADAMS RIVER	1E07	1720	25	126	402	602	892	892	262	564	30

KOSTAL LAKE	1E10P	1770	01	-	485	695	1019	1019	519	721	16
TROPHY MOUNTAIN	1E03A	1860	25	102	308	454	778	778	281	447	26
NORTH CLEMINA CREEK	1E13	1860	27	145	451	745	858	899	355	710*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	28	87	276	298	426	635	200	332	44
ABERDEEN LAKE	1F01A	1310	26	47	101	128	139	231	51	144	47
MONASHEE PASS	2E01	1370	25	67	169	300	378	442	149	301	41
BOULEAU LAKE	2F21	1400	25	68	172	252	334	432A	165	296	30
ADAMS RIVER	1E07	1720	25	126	402	602	892	892	262	564	30
KIRBYVILLE LAKE	2A25	1750	28	168	613	1114	1476	1476	526	935	27
SILVER STAR MOUNTAIN	2F10	1840	23	114	347	687	844	912	361	607	42
PARK MOUNTAIN	1F03P	1890	01	-	383	774	968	1021	559	707	16
ENDERBY	1F04	1900	28	153	440	901	1200	1200	523	831	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

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
					2001	2000	1999	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	28	22	36	60	52	128	0	62	30
BROOKMERE	1C01	980	28	57	135	129	260	351	53	200	56
NAZKO	1C08	1070	02	23	50	29	112	155	0	83	24
BIG CREEK	1C21	1140	28	30	48	34	44	112	0	54	29
GRANITE MOUNTAIN	1C33	1150	02	41	100	129	205	254	94	177*	8
DUFFY LAKE	1C28	1200	01	84	242	446	762	762	194	442	22
PAVILION	1C06	1230	28	24	50	40	70	168	0	82	44
LAC LE JEUNE (LOWER)	1C07	1370	28	32	60	66	145	244	20	112	42
BRIDGE GLACIER (LOWER)	1C39	1400	25	101	304	520	954	954	476	625*	6
DEADMAN RIVER	1C32	1430	23	45	72	80	150	170	62	112	17
SHOVELNOSE MOUNTAIN	1C29	1450	24	77	155	179	398	398	104	258	20
BRALORNE	1C14	1450	25	40	97	115	297	363	0	166	37
BOSS MOUNTAIN MINE	1C20P	1460	01	-	315	476	735	735	435	503	7

LAC LE JEUNE (UPPER)	1C25	1460	28	35	78	92	212	213	13A	141	28	
BRENDA MINE	2F18	1460	27	64	150	210	334	495	130	292	32	
BRENDA MINE	2F18P	1460	01	-	184	264	431	431	220	329	8	
HIGHLAND VALLEY	1C09A	1510	01	24	46	40	118	229	25A	95	35	
BARKERVILLE	1A03P	1520	01	-	158	240	443	479	194	324	22	
HORSEFLY MOUNTAIN	1C13A	1550	Not Available				336	600A	624	238	379	29
GNAWED MOUNTAIN	1C19	1580	01	29	58	52	150	259	15	123	33	
MOUNT TIMOTHY	1C17	1660	26	70	173	185	468	468	141	285	38	
YANKS PEAK EAST	1C41P	1670	01	-	443	608	900	900	608	734*	4	
PENFOLD CREEK	1C23	1680	28	137	453	717	1126	1132	494	816	26	
GREEN MOUNTAIN	1C12P	1780	01	-	445	698	1259	1259	690	850*	7	
MCGILLIVRAY PASS	1C05	1800	25	99	302	463	834	1016	222	512	49	
MISSION RIDGE	1C18P	1850	01	-	287	448	860	866	269	529	14	
DOWNTON LAKE (UPPER)	1C38	1890	25	133	458	698	1250	1250	662	880*	6	
TYAUGHTON CREEK (NORTH)	1C40	1950	25	82	282	318	916	916	318	471*	6	
BRALORNE (UPPER)	1C37	1980	25	118	370	620	944	944	448	668*	6	

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

OKANAGAN*March 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
FARRON	2B02A	1220	27	62	160	282	323	450	79	301	28
GOAT CREEK	WA04	1220	26	46	112	137	206	300	0	164*	38
CARMI	2E02	1250	04	40	88	122	152	274	56	147	38
MONASHEE PASS	2E01	1370	25	67	169	300	378	442	149	301	41
SUMMIT G.S.	WA05	1400	26	66	162	201	251	305	63	191*	37
BIG WHITE MOUNTAIN	2E03	1680	04	92	234	404	590	676	213	403	35
GRANO CREEK	2E07P	1860	01	-	206	409	634	634	409	494*	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

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
					2001	2000	1999	Max.	Min.	Normal	
SUMMERLAND RESERVOIR	2F02	1280	26	53	116	161	251	381	97	213	40
MC CULLOCH	2F03	1280	28	51	107	145	169	249	71	156	61
ABERDEEN LAKE	1F01A	1310	26	47	101	128	139	231	51	144	47
OYAMA LAKE	2F19	1340	27	52	111	147	191	241	73	151	31
POSTILL LAKE	2F07	1370	26	59	147	180	222	274	98	179	51
VASEUX CREEK	2F20	1400	26	36	60	84	120	284	71A	139	30
BOULEAU LAKE	2F21	1400	25	68	172	252	334	432A	165	296	30
TROUT CREEK	2F01	1430	25	52	135	160	238	335	55	165	61
BRENDA MINE	2F18	1460	27	64	150	210	334	495	130	292	32
BRENDA MINE	2F18P	1460	01	-	184	264	431	431	220	329	8
ISLAHT LAKE	2F24	1480	27	71	165	254	497	497	214	297	19
GREYBACK RESERVOIR	2F08	1550	26	64	123	129	244	312	91	195	34
ESPERON CR (UPPER)	2F13	1650	24	78	182	284	554	635	157	364	32
ISINTOK LAKE	2F11	1680	27	54	133	116	211	358	53	161	36
MACDONALD LAKE	2F23	1740	27	89	241	325	583	583	170	377	24
MUTTON CREEK NO. 1	WA07	1740	23	64	140	254	589	589	0	309*	57
MISSION CREEK	2F05P	1780	01	-	206	416	608	610	213	380	29
MOUNT KOBAN	2F12	1810	25	72	195	203	411	488	61	265	35
GRAYSTOKE LAKE	2F04	1810	27	63	128	-	440	605	148	337	22
WHITEROCKS MOUNTAIN	2F09	1830	28	96	263	427	809	809	180	489	45

SILVER STAR MOUNTAIN	2F10	1840	23	114	347	687	844	912	361	607	42
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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	28	57	135	129	260	351	53	200	56
FREEZEOUT CREEK TRAIL	WA11	1070	28	56	137	272	510	615	15	276*	52
LIGHTNING LAKE	3D02	1220	27	60	150	246	497	497	51	258	27
HAMILTON HILL	2G06	1490	28	76	210	246	403	676	127	336	39
MISSEZULA MOUNTAIN	2G05	1550	26	59	138	147	300	363	76	223	37
ISINTOK LAKE	2F11	1680	27	54	133	116	211	358	53	161	36
LOST HORSE MOUNTAIN	2G04	1920	28	64	174	171	-	508	92	193	38
BLACKWALL PEAK	2G03P	1940	01	-	311	611	1200	1323	213	755	33
HARTS PASS	WA09	1980	27	145	498	947	1369	1636	312	952*	50
HARTS PASS	WA09P	1980	01	-	444	795	1320A	1320A	795	1010*	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

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COASTAL

March 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PALISADE LAKE	3A09	880	26	183	736	1534	3150A	3150A	95	1199	46
PALISADE LAKE	3A09P	880	Not Available			1287	-	1287	1287	1287*	1
CHAPMAN CREEK	3A26	1022	26	208	790	-	-	1412	662	1041*	5
CALLAGHAN CREEK	3A20	1040	28	148	472	772	1166	1260	200	853	23
DOG MOUNTAIN	3A10	1080	23	145	519	1158	2146Z	2146Z	345	1011	17
GROUSE MOUNTAIN	3A01	1100	23	176	658	1226	2320A	2320A	143	1023	50
ORCHID LAKE	3A19	1190	26	255	951	1794	2960A	2960A	444	1577	26
ORCHID LAKE	3A19P	1190	Not Available			1557	3093	3093	805	1680*	14
UPPER SQUAMISH RIVER	3A25P	1340	01	-	806	1403	2301	2301	840	1359	11

NOSTETUKO RIVER	3A22P	1500	Not Available			533	769	769	203	537*	12
UPPER MOSELY CREEK	3A24P	1650	01	-	186	219	378	555	98	275	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ELK RIVER	3B04	270	26	No Snow	0	300	546	0	168	40	
WOLF RIVER (LOWER)	3B19	640	26	69	236	388	1064	1064	0	355	30
TENNENT LAKE	3B22	950	Not Available			1180A	-	1200	290A	740	15
UPPER THELWOOD LAKE	3B10	980	26	230	828	1468	2440A	2440A	281	1221	40
WOLF RIVER (MIDDLE)	3B18	1070	26	108	350	578	1344	1344	71	539	30
FORBIDDEN PLATEAU	3B01	1130	26	244	953	1448	2730A	2730A	260	1283	45
JUMP CREEK	3B23P	1160	01	-	589	1144	2016	2016	304	1167*	5
MOUNT COKELY	3B02A	1190	27	133	388	858	-	1016	178	716	19

WOLF RIVER (UPPER)	3B17P	1490	01	-	698	1213	-	1777	512	1140	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
					2001	2000	1999	Max.	Min.	Normal	
WEDEENE RIVER SOUTH	3C07	300	Not Available		508	817	817	207	364	17	
TAHTSA LAKE	1B02	1300	28	222	828	998	1381	1405	571	980	49
TAHTSA LAKE	1B02P	1300	01	-	896	1052	1512	1512	661	1103*	7
BURNT BRIDGE CREEK	3C08P	1330	01	-	420	578	889	889	578	717*	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											

Banner

NORTH EAST*March 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	25	23	38	63	122	191	52	111	27
MACKENZIE A	4A19	700	27	40	92	188	302	345	130	217	28
PACIFIC LAKE	1A11	770	25	102	294	480	749	832	277	544	38
BULLHEAD MOUNTAIN	4A28	790	28	No Snow		56	112	142	12	80*	17
PHILIP LAKE	4A13	980	26	61	138	225	324	382	152	249	37
WARE (LOWER)	4A04	980	27	61	138	170	149	246	97	155	37
AIKEN LAKE	4A30P	1040	01	-	188	218	237	363	162	245*	14
TUTIZZI LAKE	4A06	1070	26	69	164	229	263	386	140	225	37
TSAYDAYCHI LAKE	4A12	1160	26	100	284	276	432	540	166	339	37
PINK MOUNTAIN	4A14	1170	26	4	7	24	73	160	24	74	37
KAZA LAKE	1A12	1190	26	96	270	279	306	478	186	282	35
PULPIT LAKE	4A09	1310	27	114	350	309	353	531	233	358	36

FREDRICKSON LAKE	4A10	1310	26	73	178	178	186	315	129	212	36
PULPIT LAKE	4A09P	1310	01	-	347	290	381	448	290	366	10
PINE PASS	4A02P	1400	01	-	735	744	1027	1485	744	963	9
SIKANNI LAKE	4C01	1400	27	75	184	158	210	335	107	223	35
TRYGVE LAKE	4A11	1400	27	89	243	295	269	453	211	314	36
PINE PASS	4A02	1430	28	234	925	843	1145	1502	480	969	37
MORFEE MOUNTAIN	4A16	1450	25	162	601	578	878	1166	312	717	33
LADY LAURIER LAKE	4A07	1460	27	110	328	427	417	662	255	425	34
MOUNT SHEBA	4A18	1490	25	125	410	599	926	1037	394	697	30
GERMANSEN (UPPER)	4A05	1500	26	87	241	241	360	520	174	300	40
MOUNT STEARNS	4A21	1500	27	36	63	56	105	227	56	129	26
JOHANSON LAKE	4B02	1540	26	80	216	205	216	368	148	250	37
MONKMAN CREEK	4A20	1550	25	77	211	335	594	925	290	540	19
WARE (UPPER)	4A03	1570	27	63	157	195	210	360	114	213	40
BULLMOOSE CREEK	4A31	1570	Not Available			296	488	663	273	455*	13
KWADACHA RIVER	4A27P	1620	01	-	206	267	308	405	195	284	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
					2001	2000	1999	Max.	Min.	Normal	
FORT NELSON A	4C05	380	28	25	30	70	95	177A	47	102	35
WATSON LAKE A	YK01	700	27	62	113	88	139	216	61	126*	35
FRANCES RIVER	YK02	730	27	70	143	83	142	312	65	133*	25
DEASE LAKE	4C03	820	01	48	75	70	111	229	45	129	36
SUMMIT LAKE	4C02	1280	Not Available			0T	102	190	0T	105	33
DEADWOOD RIVER	4C09P	1300	01	-	113	85	110	220	58	126*	7
SIKANNI LAKE	4C01	1400	27	75	184	158	210	335	107	223	35

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, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
SPEEL RIVER	AK03	80	Not Available		554	945	1024	396	659*	30	
FORREST- KERR CREEK	4D08P	560	01	-	448	201	439	640	201	466*	8
TELEGRAPH CREEK	4D01	580	26	47	96	59	79	345	53	156	26
NINGUNSAW PASS	4B10	690	28	111	292	364	448	629	232	400	26
DEASE LAKE	4C03	820	01	48	75	70	111	229	45	129	36
ISKUT	4D02	1000	28	36	63	33	114	176	33	113	26
KINASKAN LAKE	4D11P	1020	01	-	268	287	216	527	204	318	10
TUMEKA CREEK	4D10P	1220	01	-	421	445	338	789	338	576	11
WADE LAKE	4D14P	1370	01	-	249	300	229	475	162	354	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

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
					2001	2000	1999	Max.	Min.	Normal	
ATLIN LAKE	4E02A	730	28	45	80	80	82	185A	50	111*	17
LOG CABIN	4E01	880	26	123	372	396	218	514	124	303	40
PINE LK AIRSTRIP	YK03	1010	28	74	177	186	207	330	25	188*	25
MONTANA MTN.	YK05	1020	26	45	65	131	96	202	71	129*	25
TAGISH	YK04	1080	27	50	82	104	84	198	75	121*	25

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
					2001	2000	1999	Max.	Min.	Normal	
TERRACE A	4B13A	180	01	34	116	174	342	407	0	179	19
BEAR PASS	4B11A	460	04	154	428	553	644	824	416	751	17
NINGUNSAW PASS	4B10	690	28	111	292	364	448	629	232	400	26

CEDAR-KITEEN	4B18P	885	01	-	469	-	-	-	-	-	0
MCKENDRICK CREEK	4B07	1050	03	73	215	191	279	391	177	265	33
TACHEK CREEK	4B06	1140	27	66	149	160	219	330	117	191	33
KAZA LAKE	1A12	1190	26	96	270	279	306	478	186	282	35
LU LAKE	4B15	1300	27	71	174	140	240	406	140	274	22
LU LAKE	4B15P	1310	Not Available			116	244	244	116	186*	3
TSAI CREEK	4B17P	1360	01	-	758	743	1054	1054	743	905*	3
KIDPRICE LAKE	4B01	1370	28	181	643	627	831	1101	429	773	49
TRYGVE LAKE	4A11	1400	27	89	243	295	269	453	211	314	36
EQUITY MINE	4B14	1420	27	98	272	204	308	514	204	302	23
CHAPMAN LAKE	4B04	1460	23	105	346	323	461	691	268	396	36
SHEDIN CREEK	4B16P	1480	01	-	724	664	683	904	664	737*	5
HUDSON BAY MTN.	4B03A	1480	02	115	378	304	432	719	287	449	29
MOUNT CRONIN	4B08	1480	23	145	435	388	541	869	348	521	32
JOHANSON LAKE	4B02	1540	26	80	216	205	216	368	148	250	37

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

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Banner

[Province-Wide Synopsis](#)

Snowpack and Water Supply Outlook for British Columbia

April 1, 2001

Reposted April 6, see note in blue, below.

Basin
Commentaries

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.

[-Upper Fraser](#)

[-Mid and Lower Fraser](#)

[-Thompson](#)

Province-wide
Synopsis

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

[-Columbia](#)

[-Kootenay](#)

Snow surveys have been conducted at **180** snow courses in B.C. and 29 in surrounding jurisdictions. These, together with data from 53 snow pillows, and meteorological and streamflow data from Environment Canada, have been used in making the following analyses.

[-Okanagan, Kettle, and Similkameen](#)

Since the original posting, data for an additional six snow courses in the Columbia and Kootenay basins became available and these have been added to the following pages. The additions have resulted in some slight adjustments to indices and forecasts, but these are all of a very minor nature. Any changes from the original posting are in **red** in the following text.

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

[Volume Forecasts](#)

Snowpack

In a normal year, the snowpack at many sites is at its greatest at the April 1st sampling. However, some accumulation will probably still occur, particularly at higher elevations, for the next few weeks. March snowpack accumulations in almost all parts of the

[April 15 Snow Pillow commentary](#)

[Corrected or
previously
unpublished data](#)

Snow Survey
Network see Jan
1 Snow Bulletin

province were a little above normal. The regional snow water indices in the southern half of the province have risen by amounts varying from 2% to 10%, but are all still well below normal for this time of year.

Snowpacks in the upper Fraser, Similkameen and Kootenay basins are the lowest reported in 40 years and those in the Thompson, Columbia and Okanagan are very close to previously recorded minimum levels. The northwestern region of the province, including the Nechako basin, remains below normal, but only by about 12%.

Weather

Mean monthly temperatures throughout the province were generally a little above normal. Precipitation varied from below normal in the northern parts of the province and some southern portions, to well above normal in the Thompson basin. However, the accumulated precipitation since the beginning of November is still well below normal in all regions with the exception of the Skeena basin where it is only 15% below normal.

Outlook

Although March brought some relief from the previous four months of dry weather, the runoff from the snowpacks this spring and summer will almost certainly be well below normal in most areas of the province. This could have adverse impacts in several areas including water supply, irrigation, hydro-electric power generation, forest fire hazard and fisheries. The severity of any impact will vary from stream to stream and community to community. For a general discussion on drought effects, see our [What is a drought?](#) page.

Forecasts of seasonal volume runoff are included in the following text. These forecasts are calculated using statistical regression techniques and assume that the weather from the forecast date forward will be normal. Peak flows will depend on the weather patterns during May and June, but rivers and lakes are unlikely to reach damaging levels unless there are

very abnormal conditions.

All water users are advised to practise water conservation measures whenever possible.



Upper Fraser &
Nechako Basins

graphs

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



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

April 1, 2001

Precipitation during March was a little above normal, but the accumulated winter total is still only 65% of normal. The mean monthly temperature in the upper Fraser was about half a degree above normal for the month of March .

Although snowpack accumulations were above normal at many locations in the upper Fraser during March, the snowpack remains well below normal. The regional snow water equivalent index for the upper Fraser is estimated to be only 59% of normal, the lowest index recorded in this region in the past 40 years. Several long-term stations report record new low readings for this date. For example, Yellowhead (1A01), which has a 49-year record, reports a new record low water equivalent, 10% lower than previously recorded.

In the Nechako River basin, however, although the snowpack is below normal, it is considerably greater than previously recorded minimum levels and the regional snowpack water equivalent is estimated to be 86% of normal.

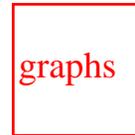
Regional run off as indicated by flows in the Fraser River near Marguerite during March were only 74% of normal, continuing a four-month pattern.



[Seasonal Runoff
Forecasts for the Fraser
and Thompson Basins](#)



Middle and Lower
Fraser



[Data
Graphs](#)



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April 1, 2001

The mean monthly temperature reported by valley bottom stations for March were about a degree above normal. Precipitation in the region was above normal in the middle Fraser and a little below normal in the lower Fraser. However, the winter precipitation totals are still a long way below normal at 68 and 50%, respectively.

Snow accumulations during March were close to normal throughout the basin and almost all the long-term stations report water equivalents greater than previously recorded minimum readings. The regional snow index for the middle Fraser is estimated to be 66% of normal, while that in the lower Fraser basin is estimated at 61% of normal.

The monthly flow of the Fraser River at Hope during March was only 50% of normal, reflecting the very dry conditions of the winter. The volume forecast for this location for the April through September period is for 70% of normal, assuming that average precipitation occurs during the spring and summer. This would be the lowest runoff recorded in the past 40 years. Although abnormal conditions can always happen,

given the well-below normal snowpacks, damaging flooding is unlikely to occur along the Fraser this year and flows in the summer and fall are quite likely to be below normal.



[Seasonal Runoff
Forecasts for the
Fraser and
Thompson Basins](#)



Thompson Basin



[Data
Graphs](#)



[Snow Survey
Data
Measurements](#)

April 1, 2001

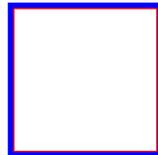
Temperatures throughout the region were about a degree above normal for the month of March while valley-bottom precipitation was well above normal. The accumulated winter precipitation, however, remains well below normal in both the North and South Thompson basins.

Snow accumulations during March were generally close to, or greater than, normal throughout the Thompson basin. In the North Thompson, only one snow course with a long record (Azure River, 1E08) reports a new record low water-equivalent for this date. The regional snow water equivalent index is estimated to have risen from 65% of normal last month to 72% of normal at this date. In the South Thompson, the situation is similar with the regional snowpack index estimated to have increased from 60 to 71% of normal in the last month.

Regional runoff, as represented by the mean monthly

flow in the Thompson River at Spences Bridge, was 79% of normal during March, continuing a 4-month pattern.

The April through September volume forecast for the North Thompson River at McLure is for 77% of normal and that for the South Thompson river is 63%. As these are close to the lowest volumes ever forecast, it seems unlikely that peak river levels in the Thompson basin will reach damaging stages this year.



[Seasonal Runoff
Forecasts for the Fraser
and Thompson Basins](#)



Columbia Basin

[graphs](#)

[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

April 1, 2001

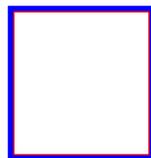
Mean monthly temperatures throughout the region as measured at valley-bottom stations were about 2°C above normal in March. Although precipitation was close to normal for the month, the accumulated winter precipitation remains at about half of normal.

Snowpack accumulations in the region were above normal for the month and the regional water equivalent index is estimated to have risen from 53% of normal a month ago to 63% now. The snowpack, however, remains close to previously recorded minimum levels, with most long-term snow courses in the lower Columbia reporting their lowest readings ever. For example, Whatshan Upper snowcourse

(2B05) which has 43 years of data for this date, reports its lowest ever water equivalent, about 18% lower than previously recorded. In the upper Columbia, less records are set, but most snow courses are close to previously recorded minimum levels.

The April through September volume forecasts are given in the associated table. These reflect the dry winter and very low snowpack throughout the region and assume that normal weather patterns will occur during the forecast months. It seems unlikely that river stages will reach damaging levels this spring and summer.

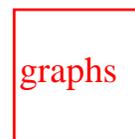
Regional monthly runoff as indicated by the Columbia River at Donald was below normal for the fifth consecutive month, reflecting the lack of precipitation during that period.



[Seasonal Runoff Forecasts for the Columbia, Kootenay & Okanagan Basins](#)



Kootenay Basin



[Data Graphs](#)



[Snow Survey Data Measurements](#)

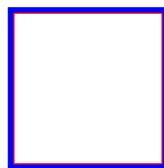
April 1, 2001

Mean monthly temperatures throughout the region as measured at valley-bottom stations were above normal in March and precipitation in the region was also a little above normal. However, the accumulated winter precipitation totals are still about 45% below normal.

Despite somewhat greater than normal accumulations during March, the snowpack in the basin remains well below normal. The regional water equivalent index is estimated to be only 53% of normal, the lowest number reported in the 40 years of record. Several long-term snow courses report their lowest April 1 readings. For example, Koch Creek (2B07) which has 42 years of data at this date reports a water equivalent 7% lower than previously recorded.

The April through September volume forecasts given in the associated table reflect the very dry winter and low snowpack.

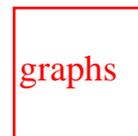
The regional runoff as indicated by the Kootenay River at Fort Steele during March continued to be below average in response to the low winter precipitation. Flows were only 68% of normal. Although peak flows depend on weather patterns during the melt, damaging flows seem unlikely on the major rivers this summer.



[Seasonal Runoff
Forecasts for the
Columbia, Kootenay &
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Okanagan, Kettle,
and Similkameen
Basins



[Data
Graphs](#)



[Snow Survey
Data
Measurements](#)

April 1, 2001

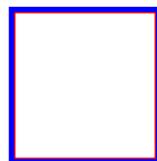
Mean monthly temperatures in the region were about half a degree above normal during March. Valley-bottom precipitation was a little above normal in the Okanagan-Kettle region and just below normal in the

Similkameen. Total winter accumulation, however, remains at only about two-thirds of its normal amount.

Snowpack accumulations throughout the region were generally a little below normal during March. As a result, the snowpack remains well below normal. In the Okanagan and Kettle basins the regional snowpack index is estimated to be 63% of normal which is 6% greater than the lowest reading, reported in 1963. Several long-term stations report record low readings. The situation in the Similkameen is similar and, although there are no new record low readings reported, the regional water equivalent index is estimated to be 58% of normal, which is just lower than the minimum previously recorded in 1977.

Okanagan Lake is close to its target level for this time of year although inflows to Okanagan Lake were well below normal for the fifth consecutive month.

The April through July volume forecast for inflow to Okanagan Lake is for 279 million cubic metres which is 65 % of normal. The forecast assumes normal weather patterns for the forecast period. It is not anticipated that Okanagan Lake will reach its normal full elevation, but there will still be sufficient water to supply all users along the main stem of the river. In the Similkameen, the forecast volume inflow for the Similkameen at Nighthawk is for only 44% of normal. This will mean that some water will be stored on Osoyoos Lake during the summer in accordance with International Joint Commission rules



[Seasonal Runoff
Forecasts for the
Columbia, Kootenay &
Okanagan Basins](#)



Coastal Region & Vancouver Island

graphs

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

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

April 1, 2001

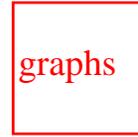
Precipitation along the south coastal region was about 18% below normal during March with mean monthly temperatures very close to normal. The cumulative precipitation total since the beginning of November is now 57% of normal. On Vancouver Island, March precipitation was about 25% above normal, bringing the winter accumulation up to 73% of normal.

On Vancouver Island, snow accumulation was close to normal and the regional snowpack index remains at 64% of normal. There have been several years where the snowpack at this time of year has been lower. On the South Coast, the regional water equivalent index has risen slightly from 58 to 63% of normal in the last month. Again, this is well above previously recorded minimum amounts. Very limited data in the north coastal areas suggests that the snowpack is about 12% below normal for this date.

Natural runoff as indicated by the inflow to Upper Campbell Lake during March was only 76% of normal, continuing a pattern observed all winter.

[Seasonal Runoff](#)
[Forecasts for Coastal](#)
[Basins](#)

North East Region



graphs

[Data](#)
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April 1, 2001

Mean monthly temperatures in the northeastern regions of the province during March were generally about a degree above normal while precipitation was about 15% below normal.

Although snowpack accumulations varied considerably, the regional snowpack for the Peace River basin is estimated to have increased from 74% to 78% of normal in the last month. This is similar to the snowpacks reported in 1983 and 1993 and well above the 66% of normal snowpack reported in 1980.

In the Liard River basin, based on limited data, the snowpack remains at about two-thirds of its normal value for this time of year.

The regional runoff as indicated by the inflow to Williston Lake was about 15% below normal during March.



[Seasonal Runoff](#)
[Forecasts for Northern](#)
[Basins](#)



NorthWest Region

graphs

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[Graphs](#)

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April 1, 2001

Mean monthly temperatures throughout the region during March were less than half a degree above normal and precipitation, as measured at valley bottom stations, was about 12% below normal.

In the Skeena and Nass basins, accumulations were generally greater than normal during March. As a result, the regional water equivalent index has risen to 87% of normal, the same value as was estimated at this time last year. The situation in the Stikine basin is similar with the snow index estimated to have risen to 88% of normal, giving a snowpack that is very similar to that which occurred in each of the last two years.

Volume runoff forecasts as detailed on the associated page are for below normal quantities this spring and summer. Peak levels will depend on weather conditions during May and June, but, unless abnormal conditions occur, they are not likely to reach damaging levels.

Runoff as indicated by flows in the Skeena River at Usk was about 15% below normal, continuing a trend observed for the past 4 months.

[Seasonal Runoff](#)
[Forecasts for Northern](#)
[Basins](#)

Banner

UPPER FRASER

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PRINCE GEORGE A	1A10	690	30	26	67	93	157	313	0	132	39
PACIFIC LAKE	1A11	770	31	130	398	560	762	879	290	623	38
BURNS LAKE	1A16	800	02	36	104	64	154	264	0	125	29
CANOE RIVER	2A01A	910	28	1	3	56	126	262	0	123	60
PHILIP LAKE	4A13	980	29	73	176	281	326	423	180	288	38
HEDRICK LAKE	1A14	1100	31	146	442	603	890A	1046	351	689	34
HEDRICK LAKE	1A14P	1100	01	-	581	840	-	840	840	840*	1
BIRD CREEK	1A23	1180	01	39	86	136	164	270	84	152*	11
KAZA LAKE	1A12	1190	29	113	312	326	340	453	226	330	36
LU LAKE	4B15	1300	28	83	222	202	314	484	170	310	24
FORFAR CREEK (UPPER)	1A24	1410	29	158	506	432	598	760	426B	557*	8
EQUITY MINE	4B14	1420	28	111	332	288	372	640	258	357	24
MOUNT SHEBA	4A18	1490	31	164	522	728	979	1146	495	815	32
BARKERVILLE	1A03P	1520	01	-	263	338	499	524	269	393	24

KNUDSEN LAKE	1A15	1580	31	160	509	692	870	1255	485	864	32
MC BRIDE (UPPER)	1A02	1580	28	93	225	366	465	780	260	462	48
NARROW LAKE	1A21	1650	28	189	642	835	1105	1350	541	895	26
REVOLUTION CREEK	1A17P	1690	01	-	453	777	845	1222	575	863	15
LONGWORTH (UPPER)	1A05	1740	31	187	572	680	840A	1234A	467	781	46
DOVE MOUNTAIN	1A19	1820	28	181	534	630	909	1057	416	802	30
MARMOT JASPER	AL12	1830	29	53	102	208	310	422	147	242*	31
YELLOWHEAD	1A01	1860	28	102	262	513	666	770	293	520	49
YELLOWHEAD	1A01P	1860	01	-	349	596	784	784	225	513*	4
HOLMES RIVER	1A18	1900	28	161	443	731	791	1029	459	748	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											

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
					2001	2000	1999	Max.	Min.	Normal	
SKINS LAKE	1B05	880	01	17	53	92	141	203	0	115	37
TAHTSA LAKE	1B02	1300	01	285	985	1264	1529	1554	775	1117	48
TAHTSA LAKE	1B02P	1300	01	-	1103	1198	1686	1686	860	1320*	8

KIDPRICE LAKE	4B01	1370	01	226	817	768	1084	1247	622	888	47
MOUNT PONDOSY	1B08P	1400	01	-	689	686	1027	1027	576	849*	9
NUTLI LAKE	1B07	1490	01	129	375	383	559	724	383	561*	10
MOUNT WELLS	1B01	1490	01	129	357	383	576	960	356	516	46
MOUNT WELLS	1B01P	1490	01	-	439	402	561	725	402	603	9
MOUNT SWANNELL	1B06	1620	01	81	215	232	401	489	203	308*	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

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
					2001	2000	1999	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	31	No Snow	24	46	120C	0	28	31	
BROOKMERE	1C01	980	03	50	150	86	272	399	86	211	56
NAZKO	1C08	1070	02	11	37	34	92	165B	0	71	42
BIG CREEK	1C21	1140	31	15	44	19	26	119	0	16*	30
GRANITE MOUNTAIN	1C33	1150	02	49	137	183	214	261	73	187*	8
DUFFY LAKE	1C28	1200	01	101	302	540	866	866	244	484	23
PAVILION	1C06	1230	30	15	38	33B	40	147	0	60	44
LAC LE JEUNE (LOWER)	1C07	1370	30	26	73	64	160	251	0	112	45

BRIDGE GLACIER (LOWER)	1C39	1400	29	120	364	546	1086	1086	546	707*	6
DEADMAN RIVER	1C32	1430	31	47	118	100	141	188	30	122	17
SHOVELNOSE MOUNTAIN	1C29	1450	31	51	148	207	442	442	108	265	22
BRALORNE	1C14	1450	29	44	103	116	321	389	0	173	38
BOSS MOUNTAIN MINE	1C20P	1460	01	-	443	641	844	844	529	577	7
BRENDA MINE	2F18P	1460	01	-	237	302	467	497	227	356	8
BRENDA MINE	2F18	1460	27	62	178	258	358	531	190	325	32
LAC LE JEUNE (UPPER)	1C25	1460	30	36	100	98	228	228	43	147	28
HIGHLAND VALLEY	1C09A	1510	30	25	60	58	142	249	3A	102	35
BARKERVILLE	1A03P	1520	01	-	263	338	499	524	269	393	24
HORSEFLY MOUNTAIN	1C13A	1550	31	120	418	416	716	716	282	462	31
GNAWED MOUNTAIN	1C19	1580	30	35	76	64	182	307	37	140	33
MOUNT TIMOTHY	1C17	1660	26	75	203	283	507	533	186	331	38
YANKS PEAK EAST	1C41P	1670	01	-	626	795	994	994	750	873*	4
PENFOLD CREEK	1C23	1680	28	203	641	995	-	1285	700	999	25
GREEN MOUNTAIN	1C12P	1780	01	-	616	780	1408	1408	780	989*	7
MCGILLIVRAY PASS	1C05	1800	29	125	417	553	964	1118	322	594	48
MISSION RIDGE	1C18P	1850	01	-	381	530	908	908	359	650	14
DOWNTON LAKE (UPPER)	1C38	1890	29	172	566	774	1416	1416	774	1005*	6

TYAUGHTON CREEK (NORTH)	1C40	1950	29	96	200	396	844	844	396	519*	6
BRALORNE (UPPER)	1C37	1980	29	149	526	678	1010	1010	652	777*	6

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

LOWER FRASER

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	31	No Snow		24	46	120C	0	28	31
BROOKMERE	1C01	980	03	50	150	86	272	399	86	211	56
NAZKO	1C08	1070	02	11	37	34	92	165B	0	71	42
BIG CREEK	1C21	1140	31	15	44	19	26	119	0	16*	30
GRANITE MOUNTAIN	1C33	1150	02	49	137	183	214	261	73	187*	8
DUFFY LAKE	1C28	1200	01	101	302	540	866	866	244	484	23
PAVILION	1C06	1230	30	15	38	33B	40	147	0	60	44
LAC LE JEUNE (LOWER)	1C07	1370	30	26	73	64	160	251	0	112	45
BRIDGE GLACIER (LOWER)	1C39	1400	29	120	364	546	1086	1086	546	707*	6
DEADMAN RIVER	1C32	1430	31	47	118	100	141	188	30	122	17
SHOVELNOSE MOUNTAIN	1C29	1450	31	51	148	207	442	442	108	265	22
BRALORNE	1C14	1450	29	44	103	116	321	389	0	173	38
BOSS MOUNTAIN MINE	1C20P	1460	01	-	443	641	844	844	529	577	7

BRENDA MINE	2F18P	1460	01	-	237	302	467	497	227	356	8
BRENDA MINE	2F18	1460	27	62	178	258	358	531	190	325	32
LAC LE JEUNE (UPPER)	1C25	1460	30	36	100	98	228	228	43	147	28
HIGHLAND VALLEY	1C09A	1510	30	25	60	58	142	249	3A	102	35
BARKERVILLE	1A03P	1520	01	-	263	338	499	524	269	393	24
HORSEFLY MOUNTAIN	1C13A	1550	31	120	418	416	716	716	282	462	31
GNAWED MOUNTAIN	1C19	1580	30	35	76	64	182	307	37	140	33
MOUNT TIMOTHY	1C17	1660	26	75	203	283	507	533	186	331	38
YANKS PEAK EAST	1C41P	1670	01	-	626	795	994	994	750	873*	4
PENFOLD CREEK	1C23	1680	28	203	641	995	-	1285	700	999	25
GREEN MOUNTAIN	1C12P	1780	01	-	616	780	1408	1408	780	989*	7
MCGILLIVRAY PASS	1C05	1800	29	125	417	553	964	1118	322	594	48
MISSION RIDGE	1C18P	1850	01	-	381	530	908	908	359	650	14
DOWNTON LAKE (UPPER)	1C38	1890	29	172	566	774	1416	1416	774	1005*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	29	96	200	396	844	844	396	519*	6
BRALORNE (UPPER)	1C37	1980	29	149	526	678	1010	1010	652	777*	6

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 FRASER

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
WOLVERINE CREEK	1D13	300	01	No Snow		0Z	12	160	0Z	17*	25
SUMMALLO RIVER WEST	3D01C	790	26	42	150	252	412	512B	0	111*	9
BROOKMERE	1C01	980	03	50	150	86	272	399	86	211	56
CALLAGHAN CREEK	3A20	1040	31	141	546	982	1604	1604	192	973	24
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1966	1966	1966*	1
DICKSON LAKE	1D16	1070	30	279	1108	2020A	2990A	2990A	738	1548*	9
DOG MOUNTAIN	3A10	1080	30	202	750	1683	2720A	2720A	51	1261	56
BEAVER PASS	WA12	1120	31	86	322	770	1491	1849	94	797*	56
KLESILKWA	3D03A	1130	30	32	92	298	541	792	0	303	53
SPUZZUM CREEK	1D19P	1180	01	-	1031	1796	-	1796	1796	1796*	1
DUFFEY LAKE	1C28	1200	01	101	302	540	866	866	244	484	23
STAVE LAKE	1D08	1210	30	253	954	1805	2750A	2750A	579	1585	33
WAHLEACH LAKE	1D09	1400	30	141	491	802	925	1270	125	666	33
WAHLEACH LAKE	1D09P	1400	01	-	878	1338	1380P	1380P	634	996*	9
NAHATLATCH RIVER	1D10	1520	30	199	772	1491	2410A	2410A	749	1426	33
EASY PASS	WA13	1580	Not Available			-	-	3094	996	2061*	31
CHILLIWACK RIVER	1D17P	1600	01	-	1069	1616	-	1850	1040	1635	7
GREAT BEAR	1D15P	1660	01	-	998	1635	2400	2400	1375	1607	9
TENQUILLE LAKE	1D06	1680	01	223	780	1155	1795	1795	605	1167	48
TENQUILLE LAKE	1D06P	1680	01	-	713	-	-	-	-	-	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											

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
					2001	2000	1999	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	26	42	150	252	412	512B	0	111*	9
FREEZEOUT CREEK TRAIL	WA11	1070	30	41	117	295	576	665	8	309*	56
BEAVER PASS	WA12	1120	31	86	322	770	1491	1849	94	797*	56
KLESILKWA	3D03A	1130	30	32	92	298	541	792	0	303	53
LIGHTNING LAKE	3D02	1220	30	65	175	290	534	622	140	315	53
HARTS PASS	WA09	1980	29	163	587	1077	1684	1725	541	1094*	58
HARTS PASS	WA09P	1980	01	-	546	917	1770	1770	917	1244*	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											

Banner

COLUMBIA

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	28	1	3	56	126	262	0	123	60
DOWNIE SLIDE (LOWER)	2A27	980	04	118	448	784	1062	1062	465	710	24
GLACIER	2A02	1250	29	137	485	743	927	1161	371B	735	64
FIELD	2A03A	1280	27	40	96	95	162	251	8	151	61
SUNWAPTA FALLS	AL11	1400	29	50	119	198	284	333	89	198*	32
VERMONT CREEK	2A19	1520	05	75	190	403	619	843	202	459	35
AZURE RIVER	1E08	1620	28	212	686	1125	1412	1422A	712	1034	31
AZURE RIVER	1E08P	1620	01	-	716	1204	1511	1511	1125	1270*	4
DOWNIE SLIDE (UPPER)	2A29	1630	04	238	890	1614	2360A	2360A	858	1231	23
KICKING HORSE	2A07	1650	27	78	178	346	394	589	211	357	53
KIRBYVILLE LAKE	2A25	1750	04	244	870	1323	1816	1816	701	1126	28

MOUNT REVELSTOKE	2A06P	1830	01	-	848	1415	1686	1686	709	1198	8
NORTH CLEMINA CREEK	1E13	1860	28	180	562	974	1018	1018	560	856*	12
FIDELITY MOUNTAIN	2A17	1870	27	227	795	1523	1569	1951	730	1245	38
BEAVERFOOT	2A11	1890	05	56	106	206	231	460	105	227	41
KEYSTONE CREEK	2A18	1890	04	158	485	939	1388	1388	548	817	34
NIGEL CREEK	AL10	1920	29	87	208	475	616	700	198	435*	32
BUSH RIVER	2A23	1920	04	147	502	945	1162	1331	455	850	34
GOLDSTREAM	2A16	1920	04	225	849	1338	1495	1638A	785	1125	37
MOLSON CREEK	2A21P	1980	01	-	690	1005	1151	1166	651	1003	18
MOUNT ABBOT	2A14	1980	31	227	715	1424	1584	1849	698	1258	42
SUNBEAM LAKE	2A22	2010	04	177	590	962	1235	1384	600	916	34
MIRROR LAKE	AL06	2030	29	73	161	305	404	561	160	303*	61
BOW SUMMIT II	AL07A	2080	28	79	180	434	460	584B	206	372*	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

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
					2001	2000	1999	Max.	Min.	Normal	

FERGUSON	2D02	880	27	84	319	552	881	881	142	576	63
BAIRD	WA02	980	28	43	142	279	246	363	0	156*	41
FARRON	2B02A	1220	26	55	162	375	361	480	167	338	28
MONASHEE PASS	2E01	1370	27	62	188	346	417	517	205	346	52
WHATSHAN (UPPER)	2B05	1480	27	106	350	741	964	964	427	647	43
BARNES CREEK	2B06	1620	27	102	301	577	703	768	321	509	44
BARNES CREEK	2B06P	1620	01	-	323	585	701	773	446	593*	8
ST. LEON CREEK	2B08	1800	Not Available			1308	1776	1831	818	1201	33
ST. LEON CREEK	2B08P	1800	01	-	581	1185	1553	1553	712	1102	7
KOCH CREEK	2B07	1860	27	138	397	808	1156	1156	424	742	42
RECORD MOUNTAIN	2B09	1890	26	115	356	858	1307	1307	315	775	26
EAST CREEK	2D08P	2030	01	-	442	849	1241	1245	466	897	20

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

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
					2001	2000	1999	Max.	Min.	Normal	
KISHENEHN	MT01	1190	28	38	104	150	206	465	36	203*	54
FERNIE EAST	2C07	1250	31	52	156	306	360	605	151	370	49

UPPER ELK RIVER	2C06	1340	28	13	52	74	70	345	0	116	53
SINCLAIR PASS	2C01	1370	28	30	70	131	108	262A	36	134	64
BRUSH CREEK TIMBER	MT03	1520	29	46	127	173	178	434	76	248*	49
MARBLE CANYON	2C05	1520	28	75	193	366	410	587A	168	352	54
SULLIVAN MINE	2C04	1550	28	64	160	245	404	538	137	324	55
WEASEL DIVIDE	MT02	1660	27	102	312	833	1064	1346	432	836*	60
KIMBERLEY (MIDDLE) V O R	2C12	1680	30	63	141	218	321	462	163	298	32
BANFIELD MOUNTAIN	MT05	1710	27	71	236	419	843	919	290	548*	31
BANFIELD MOUNTAIN	MT05P	1710	01	-	279	452	739	739	356	516*	3
MOUNT JOFFRE	2C16	1750	05	88	179	311	456	711	188	376	32
MORRISSEY RIDGE	2C09Q	1800	01	-	360	578	844	1224	492	751	17
RED MOUNTAIN	MT04	1830	26	81	224	401	653	810	211	486*	62
MOYIE MOUNTAIN	2C10P	1930	01	-	258	380E	679	679	216	402*	21
HAWKINS LAKE	MT06	1970	Not Available			655	-	1313	399	757*	29
HAWKINS LAKE	MT06P	1970	01	-	310	518	1001	1001	452	657*	3
ALLISON PASS	AL01	1980	27	91	247	340	556	823	302	492*	37
WILKINSON SUMMIT (BUSH)	AL03	1980	27	47	100	135	221	460	112	218*	37

THUNDER CREEK	2C17	2010	05	84	135A	206	338	475	171	279	31
FLOE LAKE	2C14	2090	05	148	430	861	1075	1242	411	762	31
FLOE LAKE	2C14P	2090	01	-	394	818	1001	1001	360	674	6
KIMBERLEY (UPPER) V O R	2C11	2140	30	82	197	333	608	798	234	488	32
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27	76	180	419	-	681	244	399*	30
SUNSHINE VILLAGE	AL05	2230	29	112	277	620	719	996	340	612*	34
MOUNT ASSINIBOINE	2C15	2230	05	114	252	587	732	816	295	530	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

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
DUNCAN LAKE NO. 2	2D07A	650	28	12	46	36	182	223	0	93*	10
FERGUSON	2D02	880	27	84	319	552	881	881	142	576	63
NELSON	2D04	930	29	58	202	395	561	622	137	380	63
SANDON	2D03	1070	01	68	264	344	485	585	71	352	62
CHAR CREEK	2D06	1310	01	95	273	615	780	940	302	584	35
SMITH CREEK	ID01	1460	02	142	508	1143	1940	1940	587	1129*	59
BUNCHGRASS MEADOW	WA01	1520	Not Available			686	1074	1173	340	747*	59

BUNCHGRASS MEADOW	WA01P	1520	01	-	414	838	1214	1214	770	941*	3
GRAY CREEK (LOWER)	2D05	1550	04	116	331	470	661	688	290	467	53
KOCH CREEK	2B07	1860	27	138	397	808	1156	1156	424	742	42
MOUNT TEMPLEMAN	2D09	1860	Not Available			1064	1401	1608	688	1057	32
GRAY CREEK (UPPER)	2D10	1910	04	166	492	741	1057	1123	524	793	32
EAST CREEK	2D08P	2030	01	-	442	849	1241	1245	466	897	20

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

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	01	63	238	294	358	425	186	286	18
KNOUFF LAKE	1E05	1200	29	46	122	154	160	274	58	147	45
COOK CREEK	1E14P	1280	01	-	495	664	-	664	664	664*	1
COOK FORKS	1E06	1390	30	177	656	903	1208	1394	530A	924	38
BOSS MOUNTAIN MINE	1C20P	1460	01	-	443	641	844	844	529	577	7
MOUNT COOK	1E02P	1550	01	-	939	-	-	-	-	-	0
MOUNT COOK	1E02A	1580	31	250	845	1334	1709	1709	790A	1243	27
AZURE RIVER	1E08	1620	28	212	686	1125	1412	1422A	712	1034	31
AZURE RIVER	1E08P	1620	01	-	716	1204	1511	1511	1125	1270*	4
ADAMS RIVER	1E07	1720	30	162	590	780	1069	1069	435	710	31

KOSTAL LAKE	1E10P	1770	01	-	635	868	1165	1165	618	871	16
TROPHY MOUNTAIN	1E03A	1860	30	140	412	644	888	888	366	545	27
NORTH CLEMINA CREEK	1E13	1860	28	180	562	974	1018	1018	560	856*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	30	79	286	410	398	561	142	361	43
ABERDEEN LAKE	1F01A	1310	29	33	89	140	132	259	6	145	62
MONASHEE PASS	2E01	1370	27	62	188	346	417	517	205	346	52
BOULEAU LAKE	2F21	1400	25	65	172B	292	430Z	564	201	351	30
ADAMS RIVER	1E07	1720	30	162	590	780	1069	1069	435	710	31
KIRBYVILLE LAKE	2A25	1750	04	244	870	1323	1816	1816	701	1126	28
SILVER STAR MOUNTAIN	2F10	1840	01	155	464	892	974	1115	414	726	42
PARK MOUNTAIN	1F03P	1890	01	-	549	1043	1122	1207	666	834	16
ENDERBY	1F04	1900	29	202	620	1247	1430	1430	610	988	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

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
					2001	2000	1999	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	31	No Snow		24	46	120C	0	28	31
BROOKMERE	1C01	980	03	50	150	86	272	399	86	211	56
NAZKO	1C08	1070	02	11	37	34	92	165B	0	71	42
BIG CREEK	1C21	1140	31	15	44	19	26	119	0	16*	30
GRANITE MOUNTAIN	1C33	1150	02	49	137	183	214	261	73	187*	8
DUFFY LAKE	1C28	1200	01	101	302	540	866	866	244	484	23
PAVILION	1C06	1230	30	15	38	33B	40	147	0	60	44
LAC LE JEUNE (LOWER)	1C07	1370	30	26	73	64	160	251	0	112	45
BRIDGE GLACIER (LOWER)	1C39	1400	29	120	364	546	1086	1086	546	707*	6
DEADMAN RIVER	1C32	1430	31	47	118	100	141	188	30	122	17
SHOVELNOSE MOUNTAIN	1C29	1450	31	51	148	207	442	442	108	265	22
BRALORNE	1C14	1450	29	44	103	116	321	389	0	173	38
BOSS MOUNTAIN MINE	1C20P	1460	01	-	443	641	844	844	529	577	7

BRENDA MINE	2F18P	1460	01	-	237	302	467	497	227	356	8
BRENDA MINE	2F18	1460	27	62	178	258	358	531	190	325	32
LAC LE JEUNE (UPPER)	1C25	1460	30	36	100	98	228	228	43	147	28
HIGHLAND VALLEY	1C09A	1510	30	25	60	58	142	249	3A	102	35
BARKERVILLE	1A03P	1520	01	-	263	338	499	524	269	393	24
HORSEFLY MOUNTAIN	1C13A	1550	31	120	418	416	716	716	282	462	31
GNAWED MOUNTAIN	1C19	1580	30	35	76	64	182	307	37	140	33
MOUNT TIMOTHY	1C17	1660	26	75	203	283	507	533	186	331	38
YANKS PEAK EAST	1C41P	1670	01	-	626	795	994	994	750	873*	4
PENFOLD CREEK	1C23	1680	28	203	641	995	-	1285	700	999	25
GREEN MOUNTAIN	1C12P	1780	01	-	616	780	1408	1408	780	989*	7
MCGILLIVRAY PASS	1C05	1800	29	125	417	553	964	1118	322	594	48
MISSION RIDGE	1C18P	1850	01	-	381	530	908	908	359	650	14
DOWNTON LAKE (UPPER)	1C38	1890	29	172	566	774	1416	1416	774	1005*	6
TYAUGHTON CREEK (NORTH)	1C40	1950	29	96	200	396	844	844	396	519*	6
BRALORNE (UPPER)	1C37	1980	29	149	526	678	1010	1010	652	777*	6

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

Banner

OKANAGAN*April 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
FARRON	2B02A	1220	26	55	162	375	361	480	167	338	28
GOAT CREEK	WA04	1220	Not Available			124	132	274	0	113*	37
CARMI	2E02	1250	01	33	82	106	112	290	14	150	38
MONASHEE PASS	2E01	1370	27	62	188	346	417	517	205	346	52
SUMMIT G.S.	WA05	1400	28	56	157	282	269	338	23	210*	38
BIG WHITE MOUNTAIN	2E03	1680	01	122	332	508	674	762	358	479	35
GRANO CREEK	2E07P	1860	01	-	334	559	769	769	559	635*	3
BLUEJOINT MOUNTAIN	2E06	2040	27	112	329	803	1175	1175	378	727	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											

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
					2001	2000	1999	Max.	Min.	Normal	
SUMMERLAND RESERVOIR	2F02	1280	26	44	116	192	264	389	96	230	64
MC CULLOCH	2F03	1280	30	36	108	156	184	249	38	159	63
ABERDEEN LAKE	1F01A	1310	29	33	89	140	132	259	6	145	62
OYAMA LAKE	2F19	1340	30	49	122	188	199	255	61	162	30
POSTILL LAKE	2F07	1370	30	64	160	208	262	348	109	220	50
VASEUX CREEK	2F20	1400	29	30	72	144	130	239	82	160	30
BOULEAU LAKE	2F21	1400	25	65	172B	292	430Z	564	201	351	30
TROUT CREEK	2F01	1430	26	41	117	189	259	396	52	175	64
ESPERON CR (MIDDLE)	2F14	1430	31	78	196	320	506	607	224	362	33
BRENDA MINE	2F18	1460	27	62	178	258	358	531	190	325	32
BRENDA MINE	2F18P	1460	01	-	237	302	467	497	227	356	8
ISLAHT LAKE	2F24	1480	27	63	131	291	501	501	222	341	18
GREYBACK RESERVOIR	2F08	1550	29	71	155	204	259	351	114	228	47
ESPERON CR (UPPER)	2F13	1650	31	92	244	372	636	805	270	432	32
ISINTOK LAKE	2F11	1680	27	50	129	147	232	424	66	181	36
MUTTON CREEK NO. 1	WA07	1740	30	58	173	348	714	721	79	348*	60
MACDONALD LAKE	2F23	1740	27	94	272	411	677	677	257	441	24
MISSION CREEK	2F05P	1780	01	-	326	555	728	728	278	468	29
MOUNT KOBAU	2F12	1810	31	81	220	264	516	602	105	322	35

GRAYSTOKE LAKE	2F04	1810	29	82	196	380A	492	828	206	412	31
WHITEROCKS MOUNTAIN	2F09	1830	29	108	318	505	995	1021	323	584	46
SILVER STAR MOUNTAIN	2F10	1840	01	155	464	892	974	1115	414	726	42
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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	03	50	150	86	272	399	86	211	56
FREEZEOUT CREEK TRAIL	WA11	1070	30	41	117	295	576	665	8	309*	56
LIGHTNING LAKE	3D02	1220	30	65	175	290	534	622	140	315	53
HAMILTON HILL	2G06	1490	01	73	226	287	419	851	164	373	41
MISSEZULA MOUNTAIN	2G05	1550	31	52	152	172	319	516B	104	235	40
ISINTOK LAKE	2F11	1680	27	50	129	147	232	424	66	181	36
LOST HORSE MOUNTAIN	2G04	1920	03	83	178	199	296	533	146E	235	38
BLACKWALL PEAK	2G03P	1940	01	-	405	735	1294	1494	400	841	33
HARTS PASS	WA09	1980	29	163	587	1077	1684	1725	541	1094*	58
HARTS PASS	WA09P	1980	01	-	546	917	1770	1770	917	1244*	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

Banner

COASTAL

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		1680	-	1680	678	1179*	2	
PALISADE LAKE	3A09	880	03	222	937	1826	3560A	3560A	285	1502	53
POWELL RIVER (LOWER)	3A05	910	03	138	508	972	1554	1554	85	771	42
CHAPMAN CREEK	3A26	1022	30	246	958	1728Z	-	1728Z	704	1360*	7
POWELL RIVER (UPPER)	3A02	1040	03	214	791	1158	1813	1813	467	1023	39
CALLAGHAN CREEK	3A20	1040	31	141	546	982	1604	1604	192	973	24
DOG MOUNTAIN	3A10	1080	30	202	750	1683	2720A	2720A	51	1261	56
GROUSE MOUNTAIN	3A01	1100	30	231	930	1836	2670A	2670A	44	1263	65

ORCHID LAKE	3A19	1190	03	310	1254	1999	3770A	3770A	980	1992	28
ORCHID LAKE	3A19P	1190	Not Available			1990	3819	3819	1241	2049*	14
UPPER SQUAMISH RIVER	3A25P	1340	01	-	1039	1661	-	1853	1144	1620	10
NOSTETUKO RIVER	3A22P	1500	Not Available			616	988	988	359	621*	11
UPPER MOSELY CREEK	3A24P	1650	01	-	201	216	402	567	155	299	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ELK RIVER	3B04	270	03	No Snow	0	297	607	0	126	39	
WOLF RIVER (LOWER)	3B19	640	03	56	226	392	1198	1198	0	403	29
TENNENT LAKE	3B22	950	Not Available			-	2830A	2830A	432	954	14
UPPER THELWOOD LAKE	3B10	980	03	274	1126	1820	3200A	3200A	492	1591	41
MARGARET LAKE	3B21	1040	28	347	1434	2150	-	2570A	540	1874	23

WOLF RIVER (MIDDLE)	3B18	1070	03	101	392	666	1706	1706	0	676	29
FORBIDDEN PLATEAU	3B01	1130	03	270	1161	1652	3550A	3550A	413	1639	46
JUMP CREEK	3B23P	1160	01	-	788	1451	-	1643	401	1166*	4
MOUNT COKELY	3B02A	1190	26	167	584	1040	2100A	2100A	331	873	21
SPROAT LAKE	3B20	1220	28	286	1174	1738	-	2265	462	1653	23
WOLF RIVER (UPPER)	3B17P	1490	01	-	948	1436	-	1878	796	1474	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
					2001	2000	1999	Max.	Min.	Normal	
WEDEENE RIVER SOUTH	3C07	300	02	88	300A	424	733	733	36	323	17
TAHTSA LAKE	1B02	1300	01	285	985	1264	1529	1554	775	1117	48
TAHTSA LAKE	1B02P	1300	01	-	1103	1198	1686	1686	860	1320*	8
BURNT BRIDGE CREEK	3C08P	1330	01	-	566	649	971	971	201	607*	3

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

Banner

NORTH EAST*April 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	01	6	6	26	116	210	0	111	27
MACKENZIE A	4A19	700	31	52	142	184	334	361	0	223	29
PACIFIC LAKE	1A11	770	31	130	398	560	762	879	290	623	38
BULLHEAD MOUNTAIN	4A28	790	31	No Snow	0T	127	168	0T	118	16	
PHILIP LAKE	4A13	980	29	73	176	281	326	423	180	288	38
WARE (LOWER)	4A04	980	30	69	154	187	168	316	112B	183	38
AIKEN LAKE	4A30P	1040	01	-	229	270	260	371	206	272*	14
TUTIZZI LAKE	4A06	1070	29	73	182	263	284	406	166	249	38
TSAYDAYCHI LAKE	4A12	1160	29	118	315	357	457	584	234	392	38
PINK MOUNTAIN	4A14	1170	24	8	19B	16	49	175	16	87	37
KAZA LAKE	1A12	1190	29	113	312	326	340	453	226	330	36
PULPIT LAKE	4A09	1310	30	146	399	379	392	556	297	400	38

FREDRICKSON LAKE	4A10	1310	29	86	206	181	226	351	163B	249	38
PULPIT LAKE	4A09P	1310	01	-	448	378	418	500	378	395	10
PINE PASS	4A02P	1400	01	-	869	988	1128	1530	988	1120	9
SIKANNI LAKE	4C01	1400	30	86	202	194	235	380	166	264	38
TRYGVE LAKE	4A11	1400	29	118	299	329	322	493	257	357	38
PINE PASS	4A02	1430	30	271	996	1091	1238	1562	668	1129	39
MORFEE MOUNTAIN	4A16	1450	30	178	627	724	910	1158	555	857	33
LADY LAURIER LAKE	4A07	1460	30	139	402	527	483	737	342	493	37
MOUNT SHEBA	4A18	1490	31	164	522	728	979	1146	495	815	32
GERMANSEN (UPPER)	4A05	1500	29	110	300	296	409	523	200	346	39
MOUNT STEARNS	4A21	1500	30	43	86	59	112	239	59	161	26
JOHANSON LAKE	4B02	1540	29	106	266	258	269	417	173	286	38
MONKMAN CREEK	4A20	1550	Not Available			409	646	1067	347	626	23
WARE (UPPER)	4A03	1570	30	80	185	214	256	390	157	253	38
BULLMOOSE CREEK	4A31	1570	03	125	354	414	548	698	312	526*	13
KWADACHA RIVER	4A27P	1620	01	-	259	323	349	446	240	332	16

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2001	2000	1999	Max.	Min.	Normal	
FORT NELSON A	4C05	380	31	26	34	46	84	198	23	105	35
WATSON LAKE A	YK01	700	28	61	114	97	149	229	71	124*	34
FRANCES RIVER	YK02	730	28	77	151	101	161	302	76	148*	24
DEASE LAKE	4C03	820	Not Available			60	108	259	56	144	36
SUMMIT LAKE	4C02	1280	Not Available			0	90	240	0	122	34
DEADWOOD RIVER	4C09P	1300	01	-	128	88	125	283	70	154*	7
SIKANNI LAKE	4C01	1400	30	86	202	194	235	380	166	264	38

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

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Banner

NORTH WEST

April 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
SPEEL RIVER	AK03	80	29	114	386	673	1097	1402	300	786*	32
TELEGRAPH CREEK	4D01	580	27	43	114	54	79	343	37	155	26
NINGUNSAW PASS	4B10	690	28	126	353	371	478	620	231	422	26
DEASE LAKE	4C03	820	Not Available			60	108	259	56	144	36
ISKUT	4D02	1000	27	29	52	8	103	167	0	120	26
KINASKAN LAKE	4D11P	1020	01	-	311	344	256	570	256	368	10
TUMEKA CREEK	4D10P	1220	01	-	515	533	387	869	387	638	11
WADE LAKE	4D14P	1370	01	-	325	352	262	527	232	406	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ATLIN LAKE	4E02A	730	31	41	101	80	89	197	50	118*	17
LOG CABIN	4E01	880	30	134	440	412	256	596	213	331	41
PINE LK AIRSTRIP	YK03	1010	26	84	199	196	250	351	122	223*	25
MONTANA MTN.	YK05	1020	27	51	87	149	98	217A	84	139*	24
TAGISH	YK04	1080	27	49	102	120	88	177	73	134*	24
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											

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
					2001	2000	1999	Max.	Min.	Normal	
TERRACE A	4B13A	180	27	27	96	18	302	333	0	78*	21
BEAR PASS	4B11A	460	01	161	508	610	656	900	408	773	17
NINGUNSAW PASS	4B10	690	28	126	353	371	478	620	231	422	26
CEDAR-KITEEN	4B18P	885	01	-	589	-	-	-	-	-	0

MCKENDRICK CREEK	4B07	1050	29	81	210	221	301	427	183	297	33
TACHEK CREEK	4B06	1140	30	58	187	190	244	362	112	218	33
KAZA LAKE	1A12	1190	29	113	312	326	340	453	226	330	36
LU LAKE	4B15	1300	28	83	222	202	314	484	170	310	24
LU LAKE	4B15P	1310	Not Available			154	308	308	154	229*	3
TSAI CREEK	4B17P	1360	01	-	971	938	1208	1208	938	1067*	3
KIDPRICE LAKE	4B01	1370	01	226	817	768	1084	1247	622	888	47
TRYGVE LAKE	4A11	1400	29	118	299	329	322	493	257	357	38
EQUITY MINE	4B14	1420	28	111	332	288	372	640	258	357	24
CHAPMAN LAKE	4B04	1460	29	130	384	406	515	762	315	461	36
SHEDIN CREEK	4B16P	1480	01	-	919	900	758	1039	758	877*	5
HUDSON BAY MTN.	4B03A	1480	27	135	388	381	475	846	356	515	29
MOUNT CRONIN	4B08	1480	29	160	510	479	615	1097	433	624	32
JOHANSON LAKE	4B02	1540	29	106	266	258	269	417	173	286	38

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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Snowpack and Water Supply Outlook for British Columbia

May 1, 2001

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. **Additional Kootenay and Columbia snow data posted May 7.**

[Province-Wide Synopsis](#)

Basin Commentaries

[-Upper Fraser](#)

[-Mid and Lower Fraser](#)

[-Thompson](#)

[-Columbia](#)

[-Kootenay](#)

[-Okanagan, Kettle, and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

[Volume Forecasts](#)

[Corrected or prev. unpublished data](#)

[May 15 Snow Pillow commentary](#)

Province-wide Synopsis

graphs

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

Snow surveys have been conducted at 161 snow courses in B.C. and 19 in surrounding jurisdictions. 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

Many snowcourses report either more accumulation or less depletion than normal for the month of April. While some melting has occurred at lower elevations, accumulations have continued at higher elevations in many areas. However, although regional snowpack indices (expressed as a percentage of normal) have mostly increased in the last month, the snowpack remains below normal in all areas and well below normal in the Fraser (other than the Nechako basin), Thompson, Columbia, Kootenay, Okanagan, Similkameen and Vancouver Island regions.

Weather

Mean monthly temperatures throughout the province were within half a degree of normal with the exception of the Okanagan region which was below normal. No prolonged warm spells occurred to cause significant melting of the higher elevation snowpacks. Precipitation was below normal in the Fraser, North Thompson and

Snow Survey Network see Jan1 Snow Bulletin

Peace basins and above normal in most of the southern half of the province. However, accumulated totals since November are below normal for all regions.

Outlook

Although there has been some improvement in many areas in the last two months, runoff in the southern half of the province is still likely to be substantially less than normal during the freshet. For a general discussion on drought effects, see our *What is a drought?* page. In the northwestern part of the province (the Skeena, Nass, Stikine and Nechako areas) the snowpack is only about 10% below normal and runoff will be much closer to normal in these areas.

Forecasts of seasonal volume runoff are linked from the regional commentaries below. These forecasts are calculated using statistical regression techniques and assume that the weather from the forecast date forward will be normal. Peak river and lake levels will depend on the weather patterns during May and June, but rivers and lakes are unlikely to reach damaging levels unless there are very abnormal conditions.

A small snow survey will be conducted in mid-month and the results should be posted on or before May 18th.

All water users are advised to practise water conservation measures whenever possible.



Upper Fraser & Nechako Basins

graphs

[Data Graphs](#)



[Snow Survey Data Measurements](#)

May 1, 2001

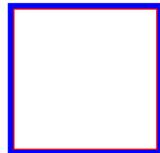
Precipitation during April was again below normal throughout the region, leaving the accumulated totals since November about 30% below normal.

The upper Fraser regional snowpack water equivalent index has increased from 49% of normal in February to 59% a month ago and 66% of normal now. This is the same as was reported at this date in 1998. No new records are set at stations

with long records at this sampling period. The Nechako basin index has also increased slightly and is now at 91% of normal for this date.

Volume forecasts for the May through September period are for 74% of normal in the upper Fraser and for 86% of normal for the inflow to the Nechako reservoir system.

Regional run off as indicated by flows in the Fraser River near Marguerite were only 78% of normal in April. This continues a 5-month trend of below normal flows.



[Seasonal Runoff
Forecasts for the Fraser
and Thompson Basins](#)



Middle and Lower Fraser



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 1, 2001

The mean monthly temperature reported by valley bottom stations for April were close to normal throughout the region and precipitation was below normal. The absence of any prolonged warm spells precluded any substantial melt occurring.

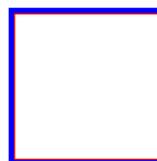
Snow accumulations during April in both the middle and lower Fraser basins was a little above average and the regional snowpack indices are for 69 and 65% of normal, respectively. Lower figures have been reported in previous years and there are very few record low readings reported from long term stations. Runoff for the May through September period is forecast to be 57% of normal, assuming normal weather patterns in the next 5 months.

The flow of the Fraser River at Hope is shown in the hydrograph through the icon following. This shows that for most of the month, the flow was well below normal, averaging only 63%. Although abnormal weather conditions can always happen, given the well-below normal snowpacks, damaging flooding is unlikely to occur

along the Fraser this year and flows in the summer and fall are likely to be below normal.

Fraser at
Hope
hydrograph

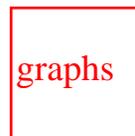
[Hydrograph of the
Fraser River at
Hope](#)



[Seasonal Runoff
Forecasts for the
Fraser and
Thompson Basins](#)



Thompson Basin



graphs

[Data
Graphs](#)



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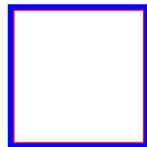
May 1, 2001

Temperatures throughout the region were very close to normal during April while the precipitation, as measured at valley-bottom stations, was below normal in the North Thompson basin and a little above normal in the South Thompson. Winter total precipitation remains well below normal.

Snow accumulations during April were generally a little below normal in the North Thompson and close to normal in the South Thompson. As a result the regional water equivalent indices dropped from 72% of normal a month ago in the North Thompson to 70% now. The equivalent figures for the South Thompson show a small rise from 69 to 72% of normal. These are close to the lowest figures reported in the last 25 years or so.

The May through September volume forecast for the Thompson at Spences Bridge is for 72% of normal. Peak flows will depend on the weather patterns during the next two months, but damaging flooding along the main rivers in the area seems most unlikely this year. Low water levels in the summer and fall are quite probable unless the weather is abnormally wet.

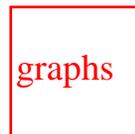
Regional runoff, as represented by the mean monthly flow in the Thompson River at Spences Bridge, was only 64% of normal, continuing a five-month trend of low flows.



[Seasonal Runoff
Forecasts for the Fraser
and Thompson Basins](#)



Columbia Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 1, 2001

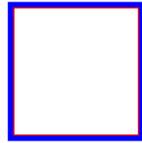
Additional Snow measurements posted May 7 in tables above in red.

Mean monthly temperatures throughout the region as measured at valley-bottom stations were near normal. Precipitation was a little above normal but the accumulated total precipitation since the beginning of November is still only 65% of normal.

Snowpacks throughout the upper and lower Columbia remain well below normal with the regional snow index estimated at only 66% of normal. This is close to the lowest amount of snow recorded in the past 25 years. Several new record low readings are reported. For example, Bush River (2A23) which normally gains 42mm of water during April, lost 10 mm this year and reports a water equivalent almost 10% lower than previously recorded in its 33-year record.

Volume forecasts for the Columbia are given on the associated tables through the icon below. These indicate runoff considerably below normal at virtually all locations, several forecasts being close to previously recorded minimum levels.

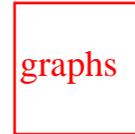
Regional monthly runoff as indicated by the Columbia River at Donald was well below normal, continuing a pattern for the fifth consecutive month, reflecting the lack of precipitation during that period.



[Seasonal Runoff
Forecasts for the
Columbia, Kootenay &
Okanagan Basins](#)



Kootenay Basin



[Data
Graphs](#)



[Snow Survey Data
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May 1, 2001

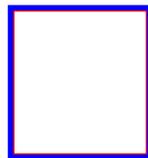
Additional Snow measurements posted May 7 in tables above in red.

Mean monthly temperatures throughout the region as measured at valley-bottom stations were very close to normal and there were no prolonged warm spells to initiate substantial snowmelt. Precipitation in the region was about 35% above normal during April, but the accumulated winter total remains almost 40% below normal.

Weather conditions near the beginning of the month have delayed helicopter access to some stations. It is hoped that these will become available in the next day or two, at which point they will be posted. Based on the available data, the snowpack remains one of the lowest ever recorded for this basin at this date, although 1977 was lower. The regional snowpack index is estimated to be only 61% of normal, the lowest of all regions in the province.

The May through September volume forecasts given in the associated table reflect the very dry winter and low snowpack with several forecasts close to previously recorded minimum volumes. Unless the spring and summer are abnormally wet, streamflow in the summer and fall is likely to be lower than normal and users are advised to use water conservation techniques whenever possible.

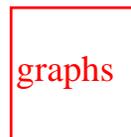
The regional runoff as indicated by the Kootenay River at Fort Steele during April was only 41% of normal, a clear indicator of the very dry winter in this area.



[Seasonal Runoff
Forecasts for the
Columbia, Kootenay &
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Okanagan, Kettle, and
Similkameen Basins



[Data](#)
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[Snow Survey Data](#)
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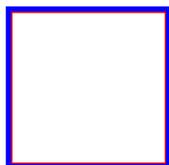
May 1, 2001

Mean monthly temperatures in the region were below normal. Precipitation was about 27% above normal during April in the Okanagan and about 17% above normal in the Similkameen.

Snowpack accumulations in the Okanagan-Kettle basins were generally greater than normal during April. As a result, the regional snowpack index has increased from 63% of normal a month ago to 73% of normal now. Some of this apparent increase is, however, due to delay in the melt process rather than major increases in the snowpack. In the Similkameen, accumulations and depletions were close to normal, leaving the basin with the third lowest snowpack recorded in the past 25 years. The regional snowpack index is estimated to be only 52% of normal.

Releases from Okanagan Lake have been held to a minimum for several months and there has been a slight rise in the lake level during April. However, it is still 75 cm below its full level.

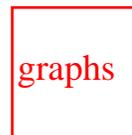
The May through July volume forecast for inflow to Okanagan Lake is for 175 million cubic metres which should result in the lake reaching about elevation 342.2, about 0.3 m below its normal peak summer level. There will be sufficient water along the mainstem rivers and lakes for all users, but water conservation measures should be applied at all times. In the Similkameen, the May through September forecast volume inflow for the Similkameen at Nighthawk is for only 40% of normal. As a result of the anticipated low flows, some water will be stored on Osoyoos Lake during the summer in accordance with International Joint Commission rules.



[Seasonal Runoff
Forecasts for the
Columbia, Kootenay &
Okanagan Basins](#)



Coastal Region &
Vancouver Island



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 1, 2001

Precipitation along the south coastal region was a little above normal while on Vancouver Island it was close to normal. Cumulative winter totals remain well below normal. The mean monthly temperatures throughout the region were very close to normal for the month.

On Vancouver Island, snow accumulation was generally greater than normal during April, but the snowpack remains well below normal at about 69%. Most snowcourses report snowpacks about a third of those reported in the high snow year of 1999. On the South Coast, the regional water equivalent index rose marginally to 64% of normal, again about a third of that reported two years ago. Data for the North coastal region are very sparse but indicate that the snowpack is a little below normal.

Natural runoff as indicated by the inflow to Upper Campbell Lake during April was close to normal. The volume forecast for the May through July period is for 74% of normal.



[Seasonal Runoff
Forecasts for Coastal
Basins](#)



North East Region

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

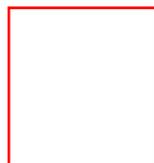
May 1, 2001

Mean monthly temperatures in the northeastern regions of the province during April were very close to normal, while valley-bottom precipitation was again well below normal. The winter precipitation total for the Peace River catchment is estimated to be about 40% below normal.

Snowpack accumulation in the Peace region during April was generally close to, or a little above, normal. As a result, the regional snowpack for the basin is estimated to have increased slightly to 80% of normal. Some of this increase can be attributed to lack of melt rather than a substantial increase in the snowpack water content. This is considerably greater than previously recorded minimum snowpacks in this region. The May through September volume forecast for inflow to Williston Reservoir is for 85% of normal.

In the Liard River basin, based on limited data, the snowpack is estimated to have increased from 67% of normal at the beginning of the month to 77% now.

The regional runoff as indicated by the inflow to Williston Lake was about 92% of normal for April.



[Seasonal Runoff
Forecasts for Northern
Basins](#)



NorthWest Region

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

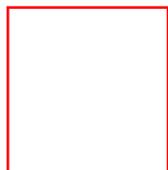
May 1, 2001

Mean monthly temperatures throughout the region during April were about half a degree above normal. Precipitation in the Skeena basin was 55% above normal, bringing the accumulated total since November to 91% of normal.

In the Skeena and Nass basins, depletions were less than normal and accumulations were slightly above normal. This has resulted in a slight increase in the regional snowpack index to an estimated 91% of normal.

Volume runoff forecasts as detailed on the associated page are for somewhat below normal quantities this spring and summer. Peak levels and flows will depend on weather conditions during May and June, but, unless abnormal conditions occur, they are not likely to reach damaging levels.

Runoff as indicated by flows in the Skeena River at Usk was only 73% of normal during April, continuing a five-month trend of below average flows.



[Seasonal Runoff
Forecasts for Northern
Basins](#)



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Banner

UPPER FRASER*May 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
PRINCE GEORGE A	1A10	690	25	No Snow	0	0	216	0	8*	36	
PACIFIC LAKE	1A11	770	26	89	361	434	691	950	93	558	36
CANOE RIVER	2A01A	910	25	No Snow	0	0	147	0	21*	21	
PHILIP LAKE	4A13	980	27	38	127	174	246	406	0	228	37
HEDRICK LAKE	1A14	1100	26	116	460	576	876	1090A	263	682	34
HEDRICK LAKE	1A14P	1100	01	-	585	836	-	836	836	836*	1
BIRD CREEK	1A23	1180	27	19	68	0	54	82	0	20*	11
KAZA LAKE	1A12	1190	27	91	348	342	307	470	201	337	35
LU LAKE	4B15	1300	30	69	210	155A	280	444	155A	279	21
FORFAR CREEK (UPPER)	1A24	1410	26	145	466	490	616	790	462	602*	7
EQUITY MINE	4B14	1420	30	93	284	264	326	620	212	345	23
MOUNT SHEBA	4A18	1490	26	158	609	832	1081	1251	503	865	32
BARKERVILLE	1A03P	1520	01	-	236	300	458	604	169	376	24

KNUDSEN LAKE	1A15	1580	26	163	650	837	952	1346A	501	918	32
MC BRIDE (UPPER)	1A02	1580	25	86	271	395	483	790	241	476	33
NARROW LAKE	1A21	1650	25	192	779	921	1210	1414	648	1015	26
REVOLUTION CREEK	1A17P	1690	01	-	495	834	874	1211	517	877	15
LONGWORTH (UPPER)	1A05	1740	26	172	688	834	876	1476A	391	861	48
DOME MOUNTAIN	1A19	1820	25	169	624	741	987	1138	452	889	28
MARMOT JASPER	AL12	1830	27	51	142	239	305	401	0	232*	29
YELLOWHEAD	1A01	1860	25	98	321	516	680	805A	318	547	50
YELLOWHEAD	1A01P	1860	01	-	398	623	836	836	364	556*	4
HOLMES RIVER	1A18	1900	25	154	526	826	876	1140	518	838	30

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

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
					2001	2000	1999	Max.	Min.	Normal	
SKINS LAKE	1B05	880	27	No Snow	0	0	100	0	6*	32	
TAHTSA LAKE	1B02	1300	27	254	1110	1184	1544	1770	701	1202	49

TAHTSA LAKE	1B02P	1300	01	-	1231	1262	1753	1753	866	1358*	8
KIDPRICE LAKE	4B01	1370	27	196	873	690	1067	1367	551	919	49
MOUNT PONDOSY	1B08P	1400	01	-	741	-	969	1021	546	809*	7
MOUNT WELLS	1B01	1490	27	108	419	363	524	958	309	530	46
NUTLI LAKE	1B07	1490	27	123	422	384	504	693	331	508*	10
MOUNT WELLS	1B01P	1490	01	-	488	405	558	792	405	590	9
MOUNT SWANNELL	1B06	1620	27	88	282	215	409	450	109	290*	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

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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	29	19	66	26	195	419	0	117	54
GRANITE MOUNTAIN	1C33	1150	01	4	14	19	50	75	0	24*	8
LAC LE JEUNE (LOWER)	1C07	1370	01	2	10	0	73	163	0	23*	43
BRIDGE GLACIER (LOWER)	1C39	1400	01	110	352	530	1018	1018	530	712*	5
DEADMAN RIVER	1C32	1430	01	18	52	21	93	121	0	58	17

SHOVELNOSE MOUNTAIN	1C29	1450	29	10	30	20	274	302	0	137	21
BRALORNE	1C14	1450	01	No Snow		66	255	255	0	76	37
LAC LE JEUNE (UPPER)	1C25	1460	01	6	28	0	136	136	0	30*	28
BRENDA MINE	2F18P	1460	01	-	98	45	222	279	0	179	8
BRENDA MINE	2F18	1460	25	56	181	165A	287	526	0	234	32
BOSS MOUNTAIN MINE	1C20P	1460	01	-	435	645	829	829	473	617	7
HIGHLAND VALLEY	1C09A	1510	01	No Snow		0	74	142	0	32	35
BARKERVILLE	1A03P	1520	01	-	236	300	458	604	169	376	24
HORSEFLY MOUNTAIN	1C13A	1550	30	98	372	432	676	676	136	430	30
GNAWED MOUNTAIN	1C19	1580	01	20	50	0T	120	241	0T	102	33
MOUNT TIMOTHY	1C17	1660	28	78	237	265	471	536	118	311	38
YANKS PEAK EAST	1C41P	1670	01	-	645	896	1039	1039	724	921*	4
PENFOLD CREEK	1C23	1680	25	178	710	1084	1342	1420	796	1074	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	841	1341	1341	807	999*	7
MCGILLIVRAY PASS	1C05	1800	01	129	458	502	918	1118	302	614	48
MISSION RIDGE	1C18P	1850	01	-	375	500	963	963	313	592	14
DOWNTON LAKE (UPPER)	1C38	1890	01	171	604	778	1340	1340	778	982*	5
TYAUGHTON CREEK (NORTH)	1C40	1950	01	89	282	310	806	806	310	490*	5
BRALORNE (UPPER)	1C37	1980	01	158	518	662	1002	1002	548	780*	5

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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Banner

LOWER FRASER*May 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	29	19	66	26	195	419	0	117	54
GRANITE MOUNTAIN	1C33	1150	01	4	14	19	50	75	0	24*	8
LAC LE JEUNE (LOWER)	1C07	1370	01	2	10	0	73	163	0	23*	43
BRIDGE GLACIER (LOWER)	1C39	1400	01	110	352	530	1018	1018	530	712*	5
DEADMAN RIVER	1C32	1430	01	18	52	21	93	121	0	58	17
SHOVELNOSE MOUNTAIN	1C29	1450	29	10	30	20	274	302	0	137	21
BRALORNE	1C14	1450	01	No Snow		66	255	255	0	76	37
LAC LE JEUNE (UPPER)	1C25	1460	01	6	28	0	136	136	0	30*	28
BRENDA MINE	2F18P	1460	01	-	98	45	222	279	0	179	8
BRENDA MINE	2F18	1460	25	56	181	165A	287	526	0	234	32
BOSS MOUNTAIN MINE	1C20P	1460	01	-	435	645	829	829	473	617	7
HIGHLAND VALLEY	1C09A	1510	01	No Snow		0	74	142	0	32	35
BARKERVILLE	1A03P	1520	01	-	236	300	458	604	169	376	24

HORSEFLY MOUNTAIN	1C13A	1550	30	98	372	432	676	676	136	430	30
GNAWED MOUNTAIN	1C19	1580	01	20	50	0T	120	241	0T	102	33
MOUNT TIMOTHY	1C17	1660	28	78	237	265	471	536	118	311	38
YANKS PEAK EAST	1C41P	1670	01	-	645	896	1039	1039	724	921*	4
PENFOLD CREEK	1C23	1680	25	178	710	1084	1342	1420	796	1074	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	841	1341	1341	807	999*	7
MCGILLIVRAY PASS	1C05	1800	01	129	458	502	918	1118	302	614	48
MISSION RIDGE	1C18P	1850	01	-	375	500	963	963	313	592	14
DOWNTON LAKE (UPPER)	1C38	1890	01	171	604	778	1340	1340	778	982*	5
TYAUGHTON CREEK (NORTH)	1C40	1950	01	89	282	310	806	806	310	490*	5
BRALORNE (UPPER)	1C37	1980	01	158	518	662	1002	1002	548	780*	5

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

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
					2001	2000	1999	Max.	Min.	Normal	
SUMMALLO RIVER WEST	3D01C	790	30	No Snow	0	162	348	0	57*	9	
BROOKMERE	1C01	980	29	19	66	26	195	419	0	117	54
CALLAGHAN CREEK	3A20	1040	04	121	492	904	1568	1568	256	933	23

DISAPPOINTMENT LAKE	1D18P	1040	25	-	1298P	-	-	1920	1920	1920*	1
DICKSON LAKE	1D16	1070	26	271	1242	2020A	3180A	3180A	604	1557*	10
DOG MOUNTAIN	3A10	1080	25	201	909	1587	2760A	2760A	122	1384	17
BEAVER PASS	WA12	1120	30	58	226	592	1600	1600	135	772*	52
KLESILKWA	3D03A	1130	26	No Snow		0T	444	752	0T	176	28
SPUZZUM CREEK	1D19P	1180	01	-	1118	1834	2936P	2936P	1834	2385*	2
STAVE LAKE	1D08	1210	26	230	999	1883	3120A	3120A	796	1747	34
WAHLEACH LAKE	1D09	1400	26	138	566	835	1002	1417	177	735	34
WAHLEACH LAKE	1D09P	1400	01	-	975	1466	1582	1585	509	1051*	9
NAHATLATCH RIVER	1D10	1520	26	196	909	1527	2720A	2720A	940	1539	33
EASY PASS	WA13	1580	Not Available			2616	-	3414	1072	2210*	29
CHILLIWACK RIVER	1D17P	1600	01	-	1178	1695	2405P	2405P	925	1660	8
GREAT BEAR	1D15P	1660	01	-	1091	1830	2314	2487	1370	1674	9
TENQUILLE LAKE	1D06	1680	01	226	885	1200	1762	1814	676	1227	44
TENQUILLE LAKE	1D06P	1680	01	-	780	-	-	-	-	-	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

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
					2001	2000	1999	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	30	No Snow	0	162	348	0	57*	9	
FREEZEOUT CREEK TRAIL	WA11	1070	29	8	23	71	356	658	0	183*	49
BEAVER PASS	WA12	1120	30	58	226	592	1600	1600	135	772*	52

KLESILKWA	3D03A	1130	26	No Snow		0T	444	752	0T	176	28
LIGHTNING LAKE	3D02	1220	01	40	123	172	484	599	24	255	29
HARTS PASS	WA09	1980	29	165	632	1059	1717	1847	531	1164*	57
HARTS PASS	WA09P	1980	01	-	592	848	1669	1669	848	1067	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

THOMPSON

May 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	30	No Snow	0T	98	265	0T	24*	18	
COOK CREEK	1E14P	1280	01	-	311	465	-	465	465	465*	1
COOK FORKS	1E06	1390	30	136	586	835	1302	1438	579	904	37
BOSS MOUNTAIN MINE	1C20P	1460	01	-	435	645	829	829	473	617	7
MOUNT COOK	1E02P	1550	01	-	924	-	-	-	-	-	0
MOUNT COOK	1E02A	1580	30	216	905	1325	1758	1758	927	1339	27
AZURE RIVER	1E08P	1620	01	-	773	1339	1620	1620	1208	1407*	4
ADAMS RIVER	1E07	1720	28	149	568	834	1089	1173	396	793	30
KOSTAL LAKE	1E10P	1770	01	-	683	947	1256	1256	733	921	16

NORTH CLEMINA CREEK	1E13	1860	25	176	646	999	1099	1115	579	906*	12
TROPHY MOUNTAIN	1E03A	1860	30	127	486	724	960	960	417	604	25
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
					2001	2000	1999	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	29	33	144	208	243	496	0	233	43
ABERDEEN LAKE	1F01A	1310	27	3	9	0	0Z	144	0	37	47
MONASHEE PASS	2E01	1370	03	58	185	293	356	505	67	305	43
BOULEAU LAKE	2F21	1400	29	48	148	180	396	488	95	320	29
ADAMS RIVER	1E07	1720	28	149	568	834	1089	1173	396	793	30
KIRBYVILLE LAKE	2A25	1750	03	204	865	1491	1797	1797	770	1233	29
SILVER STAR MOUNTAIN	2F10	1840	29	144	525	868	954	1135	371	733	42
PARK MOUNTAIN	1F03P	1890	01	-	665	1138	1247	1343	653	956	16
ENDERBY	1F04	1900	30	216	740	1325	1403	1430	700	1085	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

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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	29	19	66	26	195	419	0	117	54
GRANITE MOUNTAIN	1C33	1150	01	4	14	19	50	75	0	24*	8
LAC LE JEUNE (LOWER)	1C07	1370	01	2	10	0	73	163	0	23*	43
BRIDGE GLACIER (LOWER)	1C39	1400	01	110	352	530	1018	1018	530	712*	5
DEADMAN RIVER	1C32	1430	01	18	52	21	93	121	0	58	17
SHOVELNOSE MOUNTAIN	1C29	1450	29	10	30	20	274	302	0	137	21
BRALORNE	1C14	1450	01	No Snow		66	255	255	0	76	37
LAC LE JEUNE (UPPER)	1C25	1460	01	6	28	0	136	136	0	30*	28
BRENDA MINE	2F18P	1460	01	-	98	45	222	279	0	179	8
BRENDA MINE	2F18	1460	25	56	181	165A	287	526	0	234	32
BOSS MOUNTAIN MINE	1C20P	1460	01	-	435	645	829	829	473	617	7
HIGHLAND VALLEY	1C09A	1510	01	No Snow		0	74	142	0	32	35
BARKERVILLE	1A03P	1520	01	-	236	300	458	604	169	376	24
HORSEFLY MOUNTAIN	1C13A	1550	30	98	372	432	676	676	136	430	30

GNAWED MOUNTAIN	1C19	1580	01	20	50	0T	120	241	0T	102	33
MOUNT TIMOTHY	1C17	1660	28	78	237	265	471	536	118	311	38
YANKS PEAK EAST	1C41P	1670	01	-	645	896	1039	1039	724	921*	4
PENFOLD CREEK	1C23	1680	25	178	710	1084	1342	1420	796	1074	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	841	1341	1341	807	999*	7
MCGILLIVRAY PASS	1C05	1800	01	129	458	502	918	1118	302	614	48
MISSION RIDGE	1C18P	1850	01	-	375	500	963	963	313	592	14
DOWNTON LAKE (UPPER)	1C38	1890	01	171	604	778	1340	1340	778	982*	5
TYAUGHTON CREEK (NORTH)	1C40	1950	01	89	282	310	806	806	310	490*	5
BRALORNE (UPPER)	1C37	1980	01	158	518	662	1002	1002	548	780*	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

Banner

COLUMBIA

May 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	25	No Snow	0	0	147	0	21*	21	
DOWNIE SLIDE (LOWER)	2A27	980	03	64	292	-	900	910	0	638	23
GLACIER	2A02	1250	25	124	538	722	865	1247	320	719	55
SUNWAPTA FALLS	AL11	1400	26	22	71	163	208	389	0	150*	30
VERMONT CREEK	2A19	1520	06	47	150	292	555	1026	140	447	35
AZURE RIVER	1E08P	1620	01	-	773	1339	1620	1620	1208	1407*	4
DOWNIE SLIDE (UPPER)	2A29	1630	03	200	802	1662	2242	2242	886	1314	22
KIRBYVILLE LAKE	2A25	1750	03	204	865	1491	1797	1797	770	1233	29
MOUNT REVELSTOKE	2A06P	1830	01	-	924	1497	1625	1625	874	1324	8

NORTH CLEMINA CREEK	1E13	1860	25	176	646	999	1099	1115	579	906*	12
FIDELITY MOUNTAIN	2A17	1870	25	217	869	1585	1648	1986	817	1347	38
KEYSTONE CREEK	2A18	1890	03	149	514	1011	1421	1421	565	879	35
BEAVERFOOT	2A11	1890	06	20	58	177	234	495	66A	225	40
NIGEL CREEK	AL10	1920	26	74	231	483	617	752	207	432*	31
GOLDSTREAM	2A16	1920	03	224	861	1487	1561	1781	850	1204	38
BUSH RIVER	2A23	1920	03	138	492	981	1038	1392	538	892	33
MOLSON CREEK	2A21P	1980	01	-	746	1050	1375E	1375E	746	1093	18
MOUNT ABBOT	2A14	1980	Not Available			1607	1705	1811	853	1383	41
SUNBEAM LAKE	2A22	2010	03	166	611	1098	1238	1562	630	990	34
BOW SUMMIT II	AL07A	2080	03	66	213	419	490	597	201	387*	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

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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
					2001	2000	1999	Max.	Min.	Normal	
FERGUSON	2D02	880	26	60	270	426	773	773	160	430	55
FARRON	2B02A	1220	27	37	136	245	280	406	23	235	28

MONASHEE PASS	2E01	1370	03	58	185	293	356	505	67	305	43
WHATSHAN (UPPER)	2B05	1480	03	95	375	625	869	983	255	587	40
BARNES CREEK	2B06	1620	03	100	357	521	655	742	211	499	40
BARNES CREEK	2B06P	1620	01	-	360	626	754	818	431	600*	8
ST. LEON CREEK	2B08	1800	03	214	816	1344	1823	1974	914	1307	34
ST. LEON CREEK	2B08P	1800	01	-	701	1219	1501	1501	861	1193	7
KOCH CREEK	2B07	1860	03	142	519	845	1161	1201	391	808	40
RECORD MOUNTAIN	2B09	1890	01	127	435	871	1278	1278	157	823	26
EAST CREEK	2D08P	2030	01	-	480	980	1346	1346	568	907	19

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

May 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
FERNIE EAST	2C07	1250	26	33	112	122	196	541	0	230	49
SINCLAIR PASS	2C01	1370	28	No Snow	54	58	246	0	59	55	
MARBLE CANYON	2C05	1520	28	44	125	285	354	612	102	296	54
BRUSH CREEK TIMBER	MT03	1520	30	25	81	25	28	417	0	145*	50
SULLIVAN MINE	2C04	1550	27	46	144	155	335	518	0	262	55
WEASEL DIVIDE	MT02	1660	25	122	416	787	1021	1422	348	843*	61
KIMBERLEY (MIDDLE) V O R	2C12	1680	29	49	132	122	255	483	0	238	32
BANFIELD MOUNTAIN	MT05P	1710	01	-	277	350	607	884	213	465	4
MOUNT JOFFRE	2C16	1750	06	59	184	359	449	772	180	370	32

MORRISSEY RIDGE	2C09Q	1800	01	-	454	518	-	1345	317	784	15
RED MOUNTAIN	MT04	1830	30	89	279	333	559	841	0	444*	63
MOYIE MOUNTAIN	2C10P	1930	01	-	286	258	525E	674	18	350*	21
HAWKINS LAKE	MT06P	1970	01	-	409	508	1041	1041	411	772	4
WILKINSON SUMMIT (BUSH)	AL03	1980	02	57	174	157	254	279	23	183*	12
ALLISON PASS	AL01	1980	02	105	339	373	569	838	287	478*	14
THUNDER CREEK	2C17	2010	06	57	185	242	359	556	163	297	32
FLOE LAKE	2C14	2090	06	147	497	920	1110	1369	511	820	32
FLOE LAKE	2C14P	2090	01	-	491	893	1035	1035	481	726	6
KIMBERLEY (UPPER) V O R	2C11	2140	29	90	260	358	616	935	188	538	32
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27	109	330	493	503	726	221	462*	36
MOUNT ASSINIBOINE	2C15	2230	06	106	339	683	777	930	366	586	32
SUNSHINE VILLAGE	AL05	2230	26	113	345	650	798	1092	338	644*	34

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	2001	2000	1999	Max.	Min.	Normal	No. Years Record
FERGUSON	2D02	880	26	60	270	426	773	773	160	430	55
NELSON	2D04	930	25	36	152	235	409	508	0	171	45
SANDON	2D03	1070	29	No Snow	0	212	399	399	0	103	52
CHAR CREEK	2D06	1310	01	75	261	514	730	838	79	484	34
BUNCHGRASS MEADOW	WA01	1520	Not Available			-	-	1219	165	665*	55
BUNCHGRASS MEADOW	WA01P	1520	01	-	483	808	1179	1224	640	683	4
GRAY CREEK (LOWER)	2D05	1550	25	111	387	424	654	726	229	471	52
KOCH CREEK	2B07	1860	03	142	519	845	1161	1201	391	808	40
MOUNT TEMPLEMAN	2D09	1860	06	188	731	1216	1461	1679	785	1167	33
GRAY CREEK (UPPER)	2D10	1910	25	159	596	714	1130	1300	518	856	32
EAST CREEK	2D08P	2030	01	-	480	980	1346	1346	568	907	19

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

OKANAGAN*May 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
FARRON	2B02A	1220	27	37	136	245	280	406	23	235	28
CARMI	2E02	1250	29	No Snow	0	0	173	0	36	37	
MONASHEE PASS	2E01	1370	03	58	185	293	356	505	67	305	43
BIG WHITE MOUNTAIN	2E03	1680	29	109	346	496	620	762	237	474	35
GRANO CREEK	2E07P	1860	01	-	420	570	806	806	570	651*	3
BLUEJOINT MOUNTAIN	2E06	2040	03	114	379	752	1201	1201	287	784	25

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
					2001	2000	1999	Max.	Min.	Normal	
MC CULLOCH	2F03	1280	27	No Snow	0	0Z	188	0	51	55	
SUMMERLAND RESERVOIR	2F02	1280	30	5	12	37	129	368	0	141	36
ABERDEEN LAKE	1F01A	1310	27	3	9	0	0Z	144	0	37	47
OYAMA LAKE	2F19	1340	27	32	94	29	74	185	0	66	31
POSTILL LAKE	2F07	1370	26	55	167	118	198	282	0	144	49
VASEUX CREEK	2F20	1400	30	7	20	0	22	192	0	68	30
BOULEAU LAKE	2F21	1400	29	48	148	180	396	488	95	320	29
TROUT CREEK	2F01	1430	28	No Snow	3E	65	386	0	110	53	
BRENDA MINE	2F18	1460	25	56	181	165A	287	526	0	234	32
BRENDA MINE	2F18P	1460	01	-	98	45	222	279	0	179	8
ISLAHT LAKE	2F24	1480	27	60	168	193	433	433	66	271	19
GREYBACK RESERVOIR	2F08	1550	30	65	187	92	159	386	0	190	29
ESPERON CR (UPPER)	2F13	1650	28	77	234	336	578	805	119	385	31
ISINTOK LAKE	2F11	1680	01	34	94	63	173	437	0	142	36
MACDONALD LAKE	2F23	1740	25	103	322	344	650	650	198	441	24
MISSION CREEK	2F05P	1780	01	-	424	604	784	784	140	468	29
MOUNT KOBAN	2F12	1810	29	75	236	203	501	597	53	333	35
GRAYSTOKE LAKE	2F04	1810	27	75	240	386	492	940	120	431	30
WHITEROCKS MOUNTAIN	2F09	1830	01	102	320	435	868	1013	175	529	30
SILVER STAR MOUNTAIN	2F10	1840	29	144	525	868	954	1135	371	733	42

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
					2001	2000	1999	Max.	Min.	Normal	
BROOKMERE	1C01	980	29	19	66	26	195	419	0	117	54
FREEZEOUT CREEK TRAIL	WA11	1070	29	8	23	71	356	658	0	183*	49
LIGHTNING LAKE	3D02	1220	01	40	123	172	484	599	24	255	29
HAMILTON HILL	2G06	1490	30	40	135	138	286	838	0	302	41
MISSEZULA MOUNTAIN	2G05	1550	30	18	50	7	240	323	0	165	36
ISINTOK LAKE	2F11	1680	01	34	94	63	173	437	0	142	36
LOST HORSE MOUNTAIN	2G04	1920	27	67	197	162	298	554	64	248	40
BLACKWALL PEAK	2G03P	1940	01	-	439	668	1279	1566	375	886	33
HARTS PASS	WA09	1980	29	165	632	1059	1717	1847	531	1164*	57
HARTS PASS	WA09P	1980	01	-	592	848	1669	1669	848	1067	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

May 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
PALISADE LAKE	3A09	880	25	211	941	-	3600A	3600A	0	1595	47
PALISADE LAKE	3A09P	880	01	-	1080	1268	-	1268	1268	1268*	1
CHAPMAN CREEK	3A26	1022	01	240	1018	-	-	1710	756	1254*	6
CALLAGHAN CREEK	3A20	1040	04	121	492	904	1568	1568	256	933	23
DOG MOUNTAIN	3A10	1080	25	201	909	1587	2760A	2760A	122	1384	17
GROUSE MOUNTAIN	3A01	1100	26	227	1048	1848	2870A	2870A	120	1303	51
ORCHID LAKE	3A19	1190	25	301	1348	1879	3845A	3845A	900	2210	28
ORCHID LAKE	3A19P	1190	01	-	1356	1966	3862	3862	1058	2122*	15

UPPER SQUAMISH RIVER	3A25P	1340	01	-	1088	1781	2760P	2760P	1153	1647	11
NOSTETUKO RIVER	3A22P	1500	Not Available			573	917	917	207	545*	10
UPPER MOSELY CREEK	3A24P	1650	01	-	198	155	372	494	143	240	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

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
					2001	2000	1999	Max.	Min.	Normal	
ELK RIVER	3B04	270	02	No Snow	0	0	0	0	-	23	
WOLF RIVER (LOWER)	3B19	640	02	No Snow	104	1118	1118	0	224	31	
TENNENT LAKE	3B22	950	Not Available			-	-	1238Z	0	998	14
UPPER THELWOOD LAKE	3B10	980	02	295	1248	1640	3560A	3560A	644	1672	40
MARGARET LAKE	3B21	1040	Not Available			2292	3840Z	3840Z	632	2013	25
WOLF RIVER (MIDDLE)	3B18	1070	02	100	406	484	1652	1652	0	611	30

FORBIDDEN PLATEAU	3B01	1130	02	265	1237	1355	3500A	3500A	448	1688	44
JUMP CREEK	3B23P	1160	01	-	833	1421	-	1545	360	1092*	4
MOUNT COKELY	3B02A	1190	02	167	708	-	2062	2062	274	912	20
SPROAT LAKE	3B20	1220	25	264	1211	1809	3810Z	3810Z	613	1746	25
WOLF RIVER (UPPER)	3B17P	1490	01	-	1042	1500	-	1888	701	1388	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
					2001	2000	1999	Max.	Min.	Normal	
WEDEENE RIVER SOUTH	3C07	300	01	17	74	45A	599	599	0	101*	16
TAHTSA LAKE	1B02	1300	27	254	1110	1184	1544	1770	701	1202	49
TAHTSA LAKE	1B02P	1300	01	-	1231	1262	1753	1753	866	1358*	8
BURNT BRIDGE CREEK	3C08P	1330	01	-	600	585	983	983	585	719*	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

Banner

NORTH EAST*May 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	26	89	361	434	691	950	93	558	36
BULLHEAD MOUNTAIN	4A28	790	Not Available			0	-	0	0	-	15
PHILIP LAKE	4A13	980	27	38	127	174	246	406	0	228	37
WARE (LOWER)	4A04	980	28	37	111	106	114	229	0	139	35
AIKEN LAKE	4A30P	1040	01	-	150	202	185	276	71	172*	14
TUTIZZI LAKE	4A06	1070	27	29	96	156	203	325	0	173	37
TSAYDAYCHI LAKE	4A12	1160	27	94	325	350	470	625	168	381	38
PINK MOUNTAIN	4A14	1170	25	8	30	3	0	151	0	48	37
KAZA LAKE	1A12	1190	27	91	348	342	307	470	201	337	35
PULPIT LAKE	4A09	1310	28	123	450	404	382	560	287	417	36
FREDRICKSON LAKE	4A10	1310	27	74	241	190	190	358A	128	237	37
PULPIT LAKE	4A09P	1310	01	-	469	424	366	500	308	407	10

PINE PASS	4A02P	1400	01	-	975	1116	1137	1537	1030	1221	9
TRYGVE LAKE	4A11	1400	27	102	328	369	326	495	272	381	37
SIKANNI LAKE	4C01	1400	28	73	201	182	234	360	115	261	37
PINE PASS	4A02	1430	26	263	1154	1185	1376	1732	681	1222	40
MORFEE MOUNTAIN	4A16	1450	26	160	689	776	865	1181A	410	830	30
LADY LAURIER LAKE	4A07	1460	28	130	429	601	511	747	305	529	38
MOUNT SHEBA	4A18	1490	26	158	609	832	1081	1251	503	865	32
MOUNT STEARNS	4A21	1500	28	39	77	58	115	271	0	161	27
GERMANSEN (UPPER)	4A05	1500	27	99	315	314	400	597	181	350	39
JOHANSON LAKE	4B02	1540	27	91	275	288	263	418	143	299	38
MONKMAN CREEK	4A20	1550	26	134	456	467	-	1016	329	649	23
WARE (UPPER)	4A03	1570	28	84	210	223	303	402	141	260	37
BULLMOOSE CREEK	4A31	1570	Not Available			428	569	695	294	497*	13
KWADACHA RIVER	4A27P	1620	01	-	289	-	379	476	259	370	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

LIARD

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
WATSON LAKE A	YK01	700	26	22	51	74	57	145	0	32*	30
FRANCES RIVER	YK02	730	26	42	111	93	73	237	0	69*	24
DEASE LAKE	4C03	820	01	No Snow	0T	0		178	0T	55	34
SUMMIT LAKE	4C02	1280	Not Available			0	0	200A	0	44*	35
DEADWOOD RIVER	4C09P	1300	01	-	122	125	107	207	27	113*	7
SIKANNI LAKE	4C01	1400	28	73	201	182	234	360	115	261	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*May 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
SPEEL RIVER	AK03	80	Not Available		447	1011	1240	51	665*	35	
TELEGRAPH CREEK	4D01	580	29	No Snow	0	0	163	0	26*	25	
NINGUNSAW PASS	4B10	690	30	69	262	197	360	547	0	254	25
DEASE LAKE	4C03	820	01	No Snow	0T	0	178	0T	55	34	
KINASKAN LAKE	4D11P	1020	01	-	311	357	235	487	216	376	10
TUMEKA CREEK	4D10P	1220	01	-	543	573	411	838	411	578	11
WADE LAKE	4D14P	1370	01	-	374	392	262	546	187	405	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

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
					2001	2000	1999	Max.	Min.	Normal	
ATLIN LAKE	4E02A	730	30	No Snow	0	0	97	0	17*	15	
LOG CABIN	4E01	880	26	106	386	467	247	531	173	318	43
PINE LK AIRSTRIP	YK03	1010	27	57	150	212	199	327	89	187*	25
MONTANA MTN.	YK05	1020	25	34	89	158	101	191	0	109*	25
TAGISH	YK04	1080	27	34	87	117	92	205	0	105*	25
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
					2001	2000	1999	Max.	Min.	Normal	
TERRACE A	4B13A	180	02	No Snow	-	58	58	0	19*	3	
BEAR PASS	4B11A	460	Not Available			519	566	859	256	637	16
NINGUNSAW PASS	4B10	690	30	69	262	197	360	547	0	254	25
CEDAR-KITEEN	4B18P	885	01	-	585	-	-	-	-	-	0
MCKENDRICK CREEK	4B07	1050	26	57	168	169	253	422	80	254	33

TACHEK CREEK	4B06	1140	30	47	136	156	187	318	69	174	31
KAZA LAKE	1A12	1190	27	91	348	342	307	470	201	337	35
LU LAKE	4B15	1300	30	69	210	155A	280	444	155A	279	21
LU LAKE	4B15P	1310	Not Available			124	240	240	124	180*	3
TSAI CREEK	4B17P	1360	01	-	1076	1046	1343	1343	1046	1181*	3
KIDPRICE LAKE	4B01	1370	27	196	873	690	1067	1367	551	919	49
TRYGVE LAKE	4A11	1400	27	102	328	369	326	495	272	381	37
EQUITY MINE	4B14	1420	30	93	284	264	326	620	212	345	23
CHAPMAN LAKE	4B04	1460	26	108	367	416	470	749	308	485	35
HUDSON BAY MTN.	4B03A	1480	30	107	401	362	458	787	362	532	29
SHEDIN CREEK	4B16P	1480	01	-	1005	1013	791	1140	791	972*	5
MOUNT CRONIN	4B08	1480	26	143	510	503	636	1125	422	670	32
JOHANSON LAKE	4B02	1540	27	91	275	288	263	418	143	299	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

Banner

[Province-Wide Synopsis](#)

Snowpack and Water Supply Outlook for British Columbia

May 15, 2001

Basin Commentaries

[-Upper Fraser](#)

[-Mid and Lower Fraser](#)

[-Thompson](#)

[-Columbia](#)

[-Kootenay](#)

[-Okanagan, Kettle, and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

Volume Forecasts see Apr1 & May1 Bulletins

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](#)

Snow surveys have been conducted at 33 snow courses in B.C. These, together with data from 53 snow pillows have been used in making the following analyses. The May 15 Snow Survey is a small sampling. No additional meteorological reports are available, so the precipitation graphs are not updated. Commentaries are necessarily brief.

Snowpack

Many snowcourses report either more accumulation or less depletion than normal for the first two weeks of May. While some melting has occurred at lower elevations, accumulations have continued at higher elevations in many areas. However, although regional snowpack indices (expressed as a percentage of normal) have mostly increased in this period, the snowpack remains below normal in all areas other than the Nechako, and well below normal in the Fraser, Thompson, Columbia, Kootenay, Okanagan, Similkameen and Vancouver Island regions. It should be noted that the increase of snow water equivalent expressed as a percentage of normal is partly due to a lack of melting rather than a marked

increase in the snow volume.

Snow Pillow graphs archived at 2001 index page

Weather

The first half of May has seen generally cool, unsettled weather throughout the province. There have been no sustained periods of warm weather to cause substantial melting of the mid to high level snowpack.

Snow Survey network see Jan1 Bulletins

Outlook

[Corrected or prev. unpublished data](#)

Although there has been some improvement in many areas in the last two months, runoff in the southern half of the province is still likely to be substantially less than normal during the freshet. For a general discussion on drought effects, see our *What is a drought?* page. In the northern part of the province the snowpack is only about 10% below normal and runoff will be much closer to normal in these areas.

Peak river and lake levels will depend on the weather patterns during the next six or eight weeks. Any sustained spell of warm weather could cause rivers and streams to rise quite rapidly as the snow is quite ripe and ready to melt, but the large rivers and lakes are unlikely to reach damaging levels unless there are very abnormal conditions.

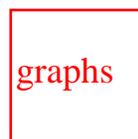
No new volume forecasts will be published this year. For reference, the May 1st forecasts are again included with the following commentaries, but these have not been updated from those originally published. These forecasts are calculated using statistical regression techniques and assume that the weather from the forecast date forward will be normal.

A further snow survey will be conducted around June 1st and the results should be posted on or before June 7.

All water users are advised to practise water conservation measures whenever possible.



Upper Fraser & Nechako Basins



[Data Graphs](#)



[Snow Survey Data Measurements](#)

May 15, 2001

The upper Fraser regional snowpack water equivalent index is estimated to have increased from 66% a month ago to 74% of normal now. Based on a few readings, the Nechako basin index is estimated to have increased to 109% of normal for this date. However, although there have been some accumulations, much of these increases can be attributed to a lack of melting rather than a great increase in the amount of snow.

Regional run off as indicated by flows in the Fraser River near Marguerite continues to be well below normal for this time of year.



Middle and Lower Fraser

graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

May 15, 2001

The absence of any prolonged warm spells during early May has precluded any substantial melt occurring.

Snow accumulations during this period in both the middle and lower Fraser basins were close to normal and the regional snowpack indices are for 68 and 67% of normal, respectively.

The flow of the Fraser River at Hope is shown in the hydrograph through the icon following. This shows that for the past two weeks the flow has been well below normal. Although abnormal weather conditions can always happen, given the well-below normal snowpacks, damaging flooding is unlikely to occur along the Fraser this year and flows in the summer and fall are likely to be below normal.

Fraser at
Hope
hydrograph

[Hydrograph of the
Fraser River at
Hope](#)



Thompson Basin

graphs

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



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

May 15, 2001

Snow accumulations during the first half of May were generally a little above normal in the region. For example, Adams River (1E07) normally has a net loss of 48 mm of water during the period, this year gained 60 mm. As a result, the regional water equivalent indices are estimated to have risen slightly to 76% of normal.

Peak flows will depend on the weather patterns during the next two months, but damaging flooding along the main rivers in the area seems most unlikely this year. Low water levels in the summer and fall are quite probable unless the weather is abnormally wet.

Regional runoff, as represented by the flow in the Thompson River at Spences Bridge remains well below normal for the last two weeks



Columbia Basin

graphs

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



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

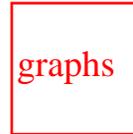
May 15, 2001

Relatively very few snow surveys are conducted in the Columbia basin at this sampling date. However, snowpacks throughout the upper and lower Columbia remain well below normal with the regional snow index estimated at only 68% of normal.

Regional runoff as indicated by the Columbia River at Donald continues to be well below normal, continuing a pattern for the sixth consecutive month, reflecting the lack of precipitation during that period and the lack of warm weather to start the melt process.



Kootenay Basin



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



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

May 15, 2001

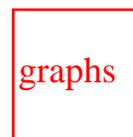
Relatively few snow courses are sampled at this time. However, based on the available data, the regional snowpack index is estimated to have fallen to 53% of normal.

Unless the spring and summer are abnormally wet, streamflow in the summer and fall is likely to be lower than normal and users are advised to use water conservation techniques whenever possible.

The regional runoff as indicated by the Kootenay River at Fort Steele remains generally below normal, a clear indicator of the very dry winter in this area.



Okanagan, Kettle, and
Similkameen Basins



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



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

May 15, 2001

Snowpack depletions in the Okanagan-Kettle basin were close to normal during the first half of May and the regional snowpack index has fallen slightly to 69% of normal. Releases from Okanagan Lake have been held to a minimum for several

months and there has been a slight rise in the lake level during the past two weeks. However, it is still over half a metre below its full level. There will be sufficient water along the mainstem rivers and lakes for all users, but water conservation measures should be applied at all times.

In the Similkameen, the very few readings available indicate that the snowpack has lost more than its normal amount of water over the past two weeks and the regional index is now estimated to be 38% of normal for this date. Despite this apparent melting, flows in the Similkameen have remained well below normal and are likely to be so for the rest of the summer. As a result of the anticipated low flows, some water will be stored on Osoyoos Lake during the summer in accordance with International Joint Commission rules.



Coastal Region &
Vancouver Island



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



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

May 15, 2001

Very limited data suggests that melting on the South Coast and Vancouver Island mountain ranges has been slower than normal in the past two weeks. The regional snow water index remains at about 2/3 of normal for this date.



North East Region



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



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

May 15, 2001

Only 4 snow pillow measurements are available at this sampling period in the Peace River basin. Based on these, it appears that melt has been slower than normal in the past two weeks. The regional snow water index is estimated to have

risen to about 88% of normal for this date.



NorthWest Region

graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

May 15, 2001

Relatively limited data in the region at this date suggests that precipitation has been greater than normal and melt less than normal in the past two weeks. As a result, the regional snow water index is estimated to have increased to 94% of normal.

Runoff as indicated by flows in the Skeena River at Usk remains below normal, continuing a six-month trend of below average flows.



footer graphic

UPPER FRASER*May 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	-	154	233	450	503	0	282	23
DOVE MOUNTAIN	1A19	1820	09	173	682	761	1053	1168	385	859	28
HEDRICK LAKE	1A14P	1100	15	-	623	818	-	818	818	818*	1
HOLMES RIVER	1A18	1900	09	154	571	872	952	1125	359	813	31
KNUDSEN LAKE	1A15	1580	09	174	705	873	1019	1205	359	873	26
LONGWORTH (UPPER)	1A05	1740	09	194	768	868	984	1219	292	802	47
MC BRIDE (UPPER)	1A02	1580	09	76	255	391	508	752	24	413	33
NARROW LAKE	1A21	1650	09	193	797	939	1268	1375	489	993	26
PACIFIC LAKE	1A11	770	09	60	249	371	621	728	0	358	26
REVOLUTION CREEK	1A17P	1690	15	-	495	813	856	1161	228	757	15
YELLOWHEAD	1A01P	1860	15	-	383	626	825	825	139	479*	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

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
					2001	2000	1999	Max.	Min.	Normal	
MOUNT PONDOSY	1B08P	1400	15	-	680	543	960	960	314	620*	8
MOUNT WELLS	1B01P	1490	15	-	497	408	570	698	277	485	9
TAHTSA LAKE	1B02P	1300	15	-	1286	1241	1765	1765	732	1230*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	-	154	233	450	503	0	282	23
BOSS MOUNTAIN MINE	1C20P	1460	15	-	364	544	761	761	184	502	7
BRENDA MINE	2F18P	1460	15	No Snow	0	100	125	0	11		8

GREEN MOUNTAIN	1C12P	1780	15	-	625	823	1366	1366	573	889*	7
MISSION RIDGE	1C18P	1850	15	-	262	439	878	878	0	468	14
MOUNT TIMOTHY	1C17	1660	09	67	239	245	466	466	0	225	32
PENFOLD CREEK	1C23	1680	09	194	805	1131	1400	1400	585	1008	31
YANKS PEAK EAST	1C41P	1670	15	-	683	904	1125	1125	398	826*	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

LOWER FRASER

May 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	-	154	233	450	503	0	282	23
BOSS MOUNTAIN MINE	1C20P	1460	15	-	364	544	761	761	184	502	7
BRENDA MINE	2F18P	1460	15	No Snow	0	100	125	0	11		8
GREEN MOUNTAIN	1C12P	1780	15	-	625	823	1366	1366	573	889*	7
MISSION RIDGE	1C18P	1850	15	-	262	439	878	878	0	468	14
MOUNT TIMOTHY	1C17	1660	09	67	239	245	466	466	0	225	32
PENFOLD CREEK	1C23	1680	09	194	805	1131	1400	1400	585	1008	31
YANKS PEAK EAST	1C41P	1670	15	-	683	904	1125	1125	398	826*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
CHILLIWACK RIVER	1D17P	1600	15	-	1166	1781	-	1781	764	1443	6
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1652	1652	1652*	1
DOG MOUNTAIN	3A10	1080	Not Available			1583	2920Z	2920Z	0	1311	16
GREAT BEAR	1D15P	1660	15	-	1114	1901	2363	2436	1181	1524	9
SPUZZUM CREEK	1D19P	1180	15	-	1069	1834	-	1834	1834	1834*	1
TENQUILLE LAKE	1D06	1680	15	189	875	1195	1875	1875	625	1182	44
TENQUILLE LAKE	1D06P	1680	15	-	765	-	-	-	-	-	0
WAHLEACH LAKE	1D09P	1400	15	-	942	1469	1624	1624	335	912*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
HARTS PASS	WA09P	1980	15	-	467	835	1748	1748	638	952	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											

THOMPSON*May 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	13	153	638	904	1158	1158	280	745	29
AZURE RIVER	1E08P	1620	15	-	806	1346	1665	1665	1009	1379*	4
BOSS MOUNTAIN MINE	1C20P	1460	15	-	364	544	761	761	184	502	7
COOK CREEK	1E14P	1280	15	-	143	345	-	345	345	345*	1
COOK FORKS	1E06	1390	15	108	498	-	1193	1359	274	749	37
KOSTAL LAKE	1E10P	1770	15	-	709	981	1357	1357	588	914	16
MOUNT COOK	1E02A	1580	15	203	978	-	1856	1856	873	1292	25
MOUNT COOK	1E02P	1550	15	-	953	-	-	-	-	-	0
NORTH CLEMINA CREEK	1E13	1860	09	176	683	1075	-	1177	536	877*	10
TROPHY MOUNTAIN	1E03A	1860	12	119	450A	784	1114	1114	301	638*	19

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
					2001	2000	1999	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	13	153	638	904	1158	1158	280	745	29
ENDERBY	1F04	1900	15	214	770	1326	1440	1499	662	1099	38
PARK MOUNTAIN	1F03P	1890	15	-	699	1213	1298	1321	474	916	16
SILVER STAR MOUNTAIN	2F10	1840	14	128	515	892	1009	1054	100	642	42

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	-	154	233	450	503	0	282	23

BOSS MOUNTAIN MINE	1C20P	1460	15	-	364	544	761	761	184	502	7
BRENDA MINE	2F18P	1460	15	No Snow		0	100	125	0	11	8
GREEN MOUNTAIN	1C12P	1780	15	-	625	823	1366	1366	573	889*	7
MISSION RIDGE	1C18P	1850	15	-	262	439	878	878	0	468	14
MOUNT TIMOTHY	1C17	1660	09	67	239	245	466	466	0	225	32
PENFOLD CREEK	1C23	1680	09	194	805	1131	1400	1400	585	1008	31
YANKS PEAK EAST	1C41P	1670	15	-	683	904	1125	1125	398	826*	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

COLUMBIA

May 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	15	-	806	1346	1665	1665	1009	1379*	4
MOLSON CREEK	2A21P	1980	15	-	795	1095	1375E	1375E	602	1036	18
MOUNT REVELSTOKE	2A06P	1830	15	-	969	1617	1777	1777	700	1221	8
NORTH CLEMINA CREEK	1E13	1860	09	176	683	1075	-	1177	536	877*	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											

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
					2001	2000	1999	Max.	Min.	Normal	

BARNES CREEK	2B06P	1620	15	-	289	626	761	761	94	454*	8
EAST CREEK	2D08P	2030	15	-	480	1036	1354	1387	461	877	19
FARRON	2B02A	1220	11	7	27	133	188	222	0	111	21
RECORD MOUNTAIN	2B09	1890	09	105	397	884	1367	1367	83	732	26
ST. LEON CREEK	2B08P	1800	15	-	653	1241	1568	1568	639	987	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

EAST KOOTENAY

May 15, 2001

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
BANFIELD MOUNTAIN	MT05P	1710	15	-	112	267	569	569	0	305	3
FERNIE EAST	2C07	1250	Not Available			0	70	290	0	61	39
FLOE LAKE	2C14P	2090	15	-	495	979	1088	1088	304	597	6
HAWKINS LAKE	MT06P	1970	15	-	302	493	1067	1067	178	706	4
MORRISSEY RIDGE	2C09Q	1800	15	-	217	428	873	971	0	580	17
MOYIE MOUNTAIN	2C10P	1930	15	-	100	191	500E	552	0	250*	20
SULLIVAN MINE	2C04	1550	14	No Snow	39	255	457	0	123	49	

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
					2001	2000	1999	Max.	Min.	Normal	
BUNCHGRASS MEADOW	WA01P	1520	15	-	310	732	1163	1163	307	582	4
CHAR CREEK	2D06	1310	15	27	112	463	715	715	0	248	31
EAST CREEK	2D08P	2030	15	-	480	1036	1354	1387	461	877	19
GRAY CREEK (LOWER)	2D05	1550	Not Available			408	658	709	0	385	48
GRAY CREEK (UPPER)	2D10	1910	Not Available			803	1127	1194	311	770	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

OKANAGAN*May 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BIG WHITE MOUNTAIN	2E03	1680	15	79	282	514	638	732	0	400	35
FARRON	2B02A	1220	11	7	27	133	188	222	0	111	21
GRANO CREEK	2E07P	1860	15	-	353	626	855	855	308	596*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
BRENDA MINE	2F18P	1460	15	No Snow	0	100	125	0	11	8	
GREYBACK RESERVOIR	2F08	1550	14	16	56	56	151	323	0	122	29

ISINTOK LAKE	2F11	1680	14	No Snow		20	145	386	0	83	35
MISSION CREEK	2F05P	1780	15	-	368	645	829	829	0	399	29
MOUNT KOBAN	2F12	1810	13	54	193	210	516	516	0	260	34
SILVER STAR MOUNTAIN	2F10	1840	14	128	515	892	1009	1054	100	642	42
SUMMERLAND RESERVOIR	2F02	1280	11	No Snow		0	71	218	0	42	35
TROUT CREEK	2F01	1430	15	No Snow		0	14	307	0	39	48
VASEUX CREEK	2F20	1400	14	No Snow		0	0	80	0	9*	29
WHITEROCKS MOUNTAIN	2F09	1830	16	91	300A	461	909	968	0	402	30

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
					2001	2000	1999	Max.	Min.	Normal	
BLACKWALL PEAK	2G03P	1940	15	-	341	638	1279	1481	208	804	33
HARTS PASS	WA09P	1980	15	-	467	835	1748	1748	638	952	4
ISINTOK LAKE	2F11	1680	14	No Snow		20	145	386	0	83	35
LOST HORSE MOUNTAIN	2G04	1920	16	26	86	154	294	577	4	211	37
MISSEZULA MOUNTAIN	2G05	1550	11	No Snow		0	124	218	0	66	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

COASTAL

May 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
DOG MOUNTAIN	3A10	1080	Not Available		1583	2920Z	2920Z	0	1311	16	
NOSTETUKO RIVER	3A22P	1500	Not Available		485	860	860	21	360*	10	
ORCHID LAKE	3A19	1190	Not Available		2043	3730A	3730A	774	1891	21	
ORCHID LAKE	3A19P	1190	Not Available		1968	-	2804	828	1913*	13	
PALISADE LAKE	3A09P	880	Not Available		1045	-	1045	1045	1045*	1	
UPPER MOSELY CREEK	3A24P	1650	15	-	94	146	402	402	0	114	12
UPPER SQUAMISH RIVER	3A25P	1340	15	-	1061	1796	-	1796	949	1515	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
					2001	2000	1999	Max.	Min.	Normal	
JUMP CREEK	3B23P	1160	15	-	724	1391	-	1391	251	906*	4
WOLF RIVER (UPPER)	3B17P	1490	15	-	1024	1548	-	1726	507	1318	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
					2001	2000	1999	Max.	Min.	Normal	
BURNT BRIDGE CREEK	3C08P	1330	15	-	574	476	934	934	210	540*	3
TAHTSA LAKE	1B02P	1300	15	-	1286	1241	1765	1765	732	1230*	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

NORTH EAST

May 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AIKEN LAKE	4A30P	1040	15	No Snow	52	62	188	0	44*	14	
KWADACHA RIVER	4A27P	1620	15	-	304	-	443	468	109	329	14
PACIFIC LAKE	1A11	770	09	60	249	371	621	728	0	358	26
PINE PASS	4A02P	1400	15	-	1039	1067	1210	1471	813	1134	9
PULPIT LAKE	4A09P	1310	15	-	448	308	317	454	49	217*	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											

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
					2001	2000	1999	Max.	Min.	Normal	

DEADWOOD RIVER	4C09P	1300	15	-	37	15	107	207	0	54*	7
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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 WEST

May 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	15	-	238	250	186	411	0	162*	10
TUMEKA CREEK	4D10P	1220	15	-	506	442	372	771	195	409	11
WADE LAKE	4D14P	1370	15	-	380	337	290	427	0	290	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											

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
					2001	2000	1999	Max.	Min.	Normal	
LOG CABIN	4E01	880	15	77	326	304	230	420	4	244*	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

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
					2001	2000	1999	Max.	Min.	Normal	
CEDAR-KITEEN	4B18P	885	15	-	514	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	15	105	426	304	448	752	160	463	28
LU LAKE	4B15P	1310	Not Available			15	225	225	11	84*	3
SHEDIN CREEK	4B16P	1480	15	-	1114	1009	791	1159	660	915*	5
TSAI CREEK	4B17P	1360	15	-	1159	1073	1403	1403	953	1143*	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

Banner

Snowpack and Water Supply Outlook for British Columbia

June 1, 2001

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](#)

Basin Commentaries

[-Upper Fraser](#)

[-Mid and Lower Fraser](#)

[-Thompson](#)

[-Columbia](#)

[-Kootenay](#)

[-Okanagan, Kettle, and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

Snow Pillow graphs at the 2001 Bulletin index page.

Groundwater graphs also archived at 2001 index page

Province-wide Synopsis

graphs

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

The June 1st snow survey is quite small as many lower level snow courses are normally snow free by this date and those that have snow are depleting rather than accumulating. However, snow surveys have been conducted at 33 snow courses in B.C. and at 6 in adjacent jurisdictions. These, together with data from 53 snow pillows have been used in making the following analyses. Because of the very limited sampling, commentaries are necessarily brief.

A very brief report will be issued about June 18 reporting on mid-month snow levels. If unusual conditions occur, please refer to our Current Runoff Conditions page for further commentaries and assessments.

Snowpack

Some warm weather towards the end of May accelerated the melt in most of the southern half of the province. However, the subsequent return to cooler, seasonable temperatures has now reduced the rate of melt. Despite the somewhat delayed melt, snowpacks remain below normal in the southern half of the province. In the northwest

there has been some snow accumulation during May and the snowpack is now above normal, although some of that can be attributed to the delayed melt process. In the Peace River area, the snowpack appears to be near normal, but this is largely due to the lateness of the melt.

Weather

Mean temperatures during May were generally a little above normal in the southern half of the province and slightly below normal in the north. Precipitation as reported at Environment Canada's valley bottom stations was below normal in the the southern interior regions, a little above normal in the Fraser basin, the south coastal and Vancouver Island regions and well above normal in the northern portions of the province.

Outlook

In the southern half of the province, the outlook remains for a runoff considerably below normal. Many lakes and rivers in this region have probably peaked for the year and, unless there are substantial rains, they are likely to have below normal flows throughout the summer. Further rises are possible if there is sustained heat and/or substantial rainfall but damaging levels are not anticipated

In contrast, in the Skeena and Nass River basins, the delayed melt and increased snowpack has resulted in the potential for damaging flooding to occur if there is a rapid melt. Runoff in the Peace River basin is still expected to be below normal this summer.

No further volume forecasts will be made this year. The April and May 1st forecasts can be seen in the appropriate pages of the [archive](#).

All water users are advised to practise water conservation measures whenever possible. A recent Information Bulletin on simple ways to conserve water may be of interest. The Ministry's Water Conservation Strategy is also available for downloading



Upper Fraser & Nechako Basins



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



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

June 1, 2001

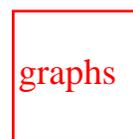
Mean temperatures were a little below normal during May with precipitation near normal in the upper Fraser and well above normal in the Nechako basin. Cumulative winter precipitation since November, however, remains well below normal.

The upper Fraser regional snowpack water equivalent index is estimated to be about 30% below normal, despite a somewhat delayed melt. Based on a few readings, the Nechako basin index is estimated to have increased to about 20% above normal as the result of continued accumulation during May. However, runoff is still expected to be below normal and similar to that recorded last year.

Regional runoff as indicated by flows in the Fraser River near Marguerite continues to be well below normal for the sixth consecutive month.



Middle and Lower Fraser



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



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

June 1, 2001

Mean monthly temperatures were within half a degree of normal during May. Precipitation in the middle Fraser was only about 2/3 of normal, bringing the winter accumulation to 68% of normal. In the lower Fraser, May precipitation was normal, but the cumulative total since November is only 57% of normal.

There has been appreciable melting of the snowpack in the middle and lower Fraser basins during the past two weeks. The regional snowpack indices are now estimated to be 53 and 62% of normal, respectively.

The flow of the Fraser River at Hope is shown in the hydrograph through the icon following. This shows that for the past two weeks the flow has increased substantially but remains well below any danger levels. Although abnormal weather conditions can always happen, given the well-below normal snowpacks, damaging flooding is most unlikely to occur along the Fraser this year and flows in the summer and fall are likely to be below normal.

Fraser at
Hope
hydrograp

[Hydrograph of the Fraser River at Hope](#)



Thompson Basin

graphs

[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

June 1, 2001

Mean monthly temperatures were near normal in the Thompson basin, while precipitation was 79% in the north and 67% in the south.

Substantial melting of the snowpack has taken place in the latter half of May and rivers responded quite quickly. Regional snowpack indices are now estimated to be 74% and 70% of normal in the North and South Thompson river basins, respectively.

Higher levels than those seen to date this year are quite possible, but damaging flooding along the main rivers in the area seems most unlikely this year. Low water levels in the summer and fall are quite probable unless the weather is abnormally wet.

Regional runoff, as represented by the mean flow in the Thompson River at Spences Bridge remained below normal during May.



Columbia Basin

graphs

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

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

June 1, 2001

Temperatures in the region were about half a degree above normal and precipitation was again below normal for the month. The total precipitation since November is estimated to be only 67% of normal.

Only a few snow courses are measured in the Columbia at this sampling date. These few measurements indicate that there has been near normal melting and the regional snow water index is estimated to be about 63% of normal.

Higher flows than those seen to date this year are possible - particularly on streams fed from high mountains. However, damaging flooding along the main stems this year is now most unlikely.

Regional runoff as indicated by the Columbia River at Donald continued to be below normal for the seventh consecutive month.



Kootenay Basin

graphs

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

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

June 1, 2001

Mean monthly temperatures were about half a degree above normal, but precipitation was only about two-thirds of normal for the month. The cumulative winter precipitation has been 37% less than normal.

Based on very few readings taken in the basin at this sampling period, the remaining snowpack is estimated to be about 39% of normal. This will probably mean that streamflows throughout the summer and early fall will be well below normal.

Levels higher than those already recorded this year are possible, but many streams have probably already peaked for the year. Damaging flooding on the main rivers in the area is most improbable this year.

The regional runoff as indicated by the mean monthly flow in the Kootenay River at Fort Steele was only 53% of normal



Okanagan, Kettle, and Similkameen Basins

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

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

June 1, 2001

Mean monthly temperatures during May were about a degree above normal while precipitation throughout the region was about 40% below normal.

Snowpack depletions throughout the region have been a little above normal in the last half of May. The regional index for the Okanagan-Kettle basin is estimated at 52% of normal. In the Similkameen basin, it appears that virtually all the snow has melted.

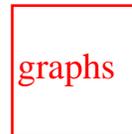
Releases from Okanagan Lake have been held to a minimum for several months and the lake has risen in response. However, unless there is abnormally high precipitation, it is unlikely to rise much further and will probably peak at least 30 cm below its normal

full elevation. There will be sufficient water along the mainstem rivers and lakes for all users, but water conservation measures should be applied at all times.

In the Similkameen it is unlikely that river stages will exceed those already reported this year. Summer and early fall flows are likely to be well below normal unless there is abnormally high precipitation. As a result of the anticipated low flows, some water has been stored on Osoyoos Lake in accordance with International Joint Commission rules. However, Osoyoos Lake is not expected to rise above its present level this summer.



Coastal Region &
Vancouver Island



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



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

June 1, 2001

Mean temperatures in coastal areas were very close to normal during May and precipitation was a little above normal. Cumulative winter precipitation, however, remains well below normal throughout the region.

Based on very few sampling locations at this date, it is estimated that the remaining snowpack in coastal regions and on Vancouver Island is about 60% of normal. This will mean that, unless there is abnormally heavy rainfall, stream levels during the summer and fall will be below normal.

Regional runoff as indicated by the inflow to Upper Campbell Lake on Vancouver Island was about 12% below average.



North East Region

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

June 1, 2001

Temperatures during May averaged almost a degree below normal and precipitation was about 37% greater than normal.

Other than the snow pillows in the basin, no snow measurements are made in this region at this date. Based on the pillow readings, it now appears that the snowpack is near normal. However, this is largely due to the melt being a little later than usual rather than an increase in the volume of snow. Seasonal runoff is expected to remain a little below normal.

Runoff as measured by the inflow to Williston Lake was only 70% of normal, probably as the result of no sustained warm spells to cause normal snow melting.



NorthWest Region

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

June 1, 2001

The mean monthly temperature in the region is estimated to have been about 1.5° below normal while the precipitation was about twice normal.

Limited data in the region suggests that the relatively cool and damp May has delayed the onset of the melt season and that some snow accumulation has occurred during the last month. As a result, the regional snowpack index is estimated to be about 20% above

normal for this date and the snowline is lower than normal. Should there be a prolonged period of warm weather, there is the potential for rivers to rise rapidly to flood stage as the snowpack is very ripe and ready to melt. To date, there is no indication of such warmth in the weather forecasts. The River Forecast Centre will monitor the situation and will update the Runoff Conditions page when the situation warrants it.

Runoff as indicated by flows in the Skeena River at Usk remained below normal, continuing a six-month trend of below average flows.



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UPPER and MIDDLE FRASER

June 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	No Snow	8	236	291	0	120	17	
BIRD CREEK	1A23	1180	29	No Snow	0	0	0	0	-	7	
DOME MOUNTAIN	1A19	1820	28	135	616	709	1047	1062	0	760	29
HEDRICK LAKE	1A14P	1100	01	-	296	383	-	383	383	383*	1
HOLMES RIVER	1A18	1900	28	125	562	825	897	1029	84	748	30
KNUDSEN LAKE	1A15	1580	28	133	610	783	945	1039	0	762	26
LONGWORTH (UPPER)	1A05	1740	28	162	698	802	940	1194	0	630	44
MC BRIDE (UPPER)	1A02	1580	28	No Snow	281	377	592	0	266	33	
NARROW LAKE	1A21	1650	28	156	728	827	1270	1339	116	855	27
PACIFIC LAKE	1A11	770	28	No Snow	0	347	348	0	78*	27	
REVOLUTION CREEK	1A17P	1690	01	-	334	752	723	820	0	514	16
YELLOWHEAD	1A01P	1860	01	-	263	581	857	857	0	418*	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

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
					2001	2000	1999	Max.	Min.	Normal	
KIDPRICE LAKE	4B01	1370	29	172	822	532	913	1209	0	680	26
MOUNT PONDOSY	1B08P	1400	01	-	509	305	689	689	0	256*	8
MOUNT SWANNELL	1B06	1620	29	58	202	191	287	350Z	0	106*	12
MOUNT WELLS	1B01	1490	29	80	317	208	270	488	0	238	24
MOUNT WELLS	1B01P	1490	01	-	366	219	369	463	0	298	9
NUTLI LAKE	1B07	1490	29	85	321	341	361	594	0	223*	10
SKINS LAKE	1B05	880	29	No Snow		0	0Z	0	0	-	12
TAHTSA LAKE	1B02	1300	29	230	1099	995	1371	1651	535	971	26
TAHTSA LAKE	1B02P	1300	01	-	1219	1042	1576	1576	277	903*	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

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	No Snow		8	236	291	0	120	17
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow		152	573	573	0	151	13
MOUNT TIMOTHY	1C17	1660	27	No Snow		67B	332	332	0	65*	33
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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											

Banner

MIDDLE and LOWER FRASER*June 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	No Snow	8	236	291	0	120	17	
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow	0	-	0	0	-	7	
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow	152	573	573	0	151	13	
MOUNT TIMOTHY	1C17	1660	27	No Snow	67B	332	332	0	65*	33	
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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

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
					2001	2000	1999	Max.	Min.	Normal	
BEAVER PASS	WA12	1120	30	No Snow	236	1270	1270	0	401*	7	
CALLAGHAN CREEK	3A20	1040	31	12	65	298	1228	1228	0	424	17
CHILLIWACK RIVER	1D17P	1600	01	-	930	1583	-	1583	237	905	5
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1087	1087	1087*	1
DOG MOUNTAIN	3A10	1080	29	92	455	1268	2480Z	2480Z	56	999	14
GREAT BEAR	1D15P	1660	01	-	934	1766	2378	2378	908	1179	9
SPUZZUM CREEK	1D19P	1180	01	-	825	1504	-	1504	1504	1504*	1
TENQUILLE LAKE	1D06	1680	01	146	745	1092	1790	1790	365	1030	45
TENQUILLE LAKE	1D06P	1680	01	-	563	-	-	-	-	-	0
WAHLEACH LAKE	1D09P	1400	01	-	716	1207	1359	1359	0	620*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
BEAVER PASS	WA12	1120	30	No Snow	236	1270	1270	0	401*	7	
FREEZEOUT CREEK TRAIL	WA11	1070	30	No Snow	0	152	152	0	21*	8	

HARTS PASS	WA09	1980	30	68	338	815	1737	1737	406	989*	9
HARTS PASS	WA09P	1980	01	-	76	572	1557	1557	538	615	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

THOMPSON*June 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	27	106	470	752	1155	1155	0	645	31
AZURE RIVER	1E08P	1620	01	-	683	1196	1778	1778	530	1197*	4
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
COOK CREEK	1E14P	1280	01	No Snow	8	-	8	8	8	8*	1
COOK FORKS	1E06	1390	02	30	164	594	961	1026	0	458	38
KOSTAL LAKE	1E10P	1770	01	-	638	972	1377	1377	155	753	16
MOUNT COOK	1E02A	1580	02	148	770	1251	1744	1744	377	1125	27
MOUNT COOK	1E02P	1550	01	-	755	-	-	-	-	-	0
NORTH CLEMINA CREEK	1E13	1860	28	122	535	1021	1135	1135	318	789*	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

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
					2001	2000	1999	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	27	106	470	752	1155	1155	0	645	31
ENDERBY	1F04	1900	31	158	710	1282	1409	1422	430	985	37
PARK MOUNTAIN	1F03P	1890	01	-	512	995	1269	1269	296	811	15
SILVER STAR MOUNTAIN	2F10	1840	28	85	350	715	908	980	0	409	42

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	01	No Snow	8	236	291	0	120	17	

BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow		152	573	573	0	151	13
MOUNT TIMOTHY	1C17	1660	27	No Snow		67B	332	332	0	65*	33
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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

Banner

COLUMBIA

June 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	01	-	683	1196	1778	1778	530	1197*	4
BOW SUMMIT II	AL07A	2080	30	No Snow	239	325	414	0	170*	19	
MOLSON CREEK	2A21P	1980	01	-	705	1031	1512	1512	98	796	17
MOUNT REVELSTOKE	2A06P	1830	01	-	857	1594	2063	2063	240	995	8
NORTH CLEMINA CREEK	1E13	1860	28	122	535	1021	1135	1135	318	789*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
BARNES CREEK	2B06P	1620	01	No Snow	360	383	529	0	191*	8	
EAST CREEK	2D08P	2030	01	-	315	943	1256	1256	111	673	18
RECORD MOUNTAIN	2B09	1890	30	9	38	617	1073	1073	0	526	26
ST. LEON CREEK	2B08P	1800	01	-	428	998	1580	1580	225	647	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											

KOOTENAY

June 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BANFIELD MOUNTAIN	MT05P	1710	01	No Snow	0	254	254	0	74	4	
FLOE LAKE	2C14P	2090	01	-	289	881	979	979	98	342	6
HAWKINS LAKE	MT06P	1970	01	-	10	224	947	947	8	495	4
HIGHWOOD SUMMIT (BUSH)	AL02	2210	01	40	137	442	531	660	89	370*	20
MORRISSEY RIDGE	2C09Q	1800	01	-	168	0	404	767	0	325	16
MOYIE MOUNTAIN	2C10P	1930	01	No Snow	15	214	438	0	80*	15	
RED MOUNTAIN	MT04	1830	Not Available			0	325	559	0	135*	37
SULLIVAN MINE	2C04	1550	01	No Snow	0	44	137	0	21*	18	
SUNSHINE VILLAGE	AL05	2230	30	50	157	709	706	902	107	517*	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
					2001	2000	1999	Max.	Min.	Normal	
BUNCHGRASS MEADOW	WA01P	1520	01	No Snow	328	800	800	102	127	4	
EAST CREEK	2D08P	2030	01	-	315	943	1256	1256	111	673	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

KETTLE, OKANAGAN and SIMILKAMEEN*June 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BIG WHITE MOUNTAIN	2E03	1680	31	12	44	330	438	658	0	194	35
GRANO CREEK	2E07P	1860	01	-	124	431	754	754	11	399*	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											

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
					2001	2000	1999	Max.	Min.	Normal	

BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREYBACK RESERVOIR	2F08	1550	31	No Snow		-	0Z	155	0Z	19*	24
MISSION CREEK	2F05P	1780	01	-	146	465	641	641	0	209	29
MOUNT KOBAN	2F12	1810	31	No Snow		41	437	488	0	128	35
SILVER STAR MOUNTAIN	2F10	1840	28	85	350	715	908	980	0	409	42
WHITEROCKS MOUNTAIN	2F09	1830	01	No Snow		236	653	848	0	167	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

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
					2001	2000	1999	Max.	Min.	Normal	
BLACKWALL PEAK	2G03P	1940	01	-	34	401	1058	1253	0	607	33
FREEZEOUT CREEK TRAIL	WA11	1070	30	No Snow		0	152	152	0	21*	8
HARTS PASS	WA09	1980	30	68	338	815	1737	1737	406	989*	9
HARTS PASS	WA09P	1980	01	-	76	572	1557	1557	538	615	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

June 1, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
CALLAGHAN CREEK	3A20	1040	31	12	65	298	1228	1228	0	424	17
DOG MOUNTAIN	3A10	1080	29	92	455	1268	2480Z	2480Z	56	999	14
NOSTETUKO RIVER	3A22P	1500	Not Available			61	530	530	0	73*	10
ORCHID LAKE	3A19	1190	31	212	1100	1700	3648Z	3648Z	174	1593	22
ORCHID LAKE	3A19P	1190	Not Available			1642	-	2463	124	1545*	12
PALISADE LAKE	3A09P	880	Not Available			354	-	354	354	354*	1
UPPER MOSELY CREEK	3A24P	1650	01	No Snow		0	146	204	0	29*	12
UPPER SQUAMISH RIVER	3A25P	1340	01	-	773	1455	-	1485	634	1246	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
					2001	2000	1999	Max.	Min.	Normal	
JUMP CREEK	3B23P	1160	01	-	300	983	-	983	0	454*	4
TENNENT LAKE	3B22	950	Not Available			-	-	712	0	232*	10
WOLF RIVER (UPPER)	3B17P	1490	01	-	744	1271	2465	2465	305	1119	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
					2001	2000	1999	Max.	Min.	Normal	

BURNT BRIDGE CREEK	3C08P	1330	01	-	364	165	686	686	0	284*	3
TAHTSA LAKE	1B02	1300	29	230	1099	995	1371	1651	535	971	26
TAHTSA LAKE	1B02P	1300	01	-	1219	1042	1576	1576	277	903*	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

NORTH EAST*June 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
AIKEN LAKE	4A30P	1040	01	No Snow	0	0	0	0	0	-	14
KWADACHA RIVER	4A27P	1620	01	-	195	-	458	458	0	211	12
PACIFIC LAKE	1A11	770	28	No Snow	0	347	348	0	78*	27	
PINE PASS	4A02P	1400	01	-	908	966	1152	1152	183	871	8
PULPIT LAKE	4A09P	1310	01	-	189	61	119	146	0	33*	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

LIARD**Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
DEADWOOD RIVER	4C09P	1300	01	No Snow	0	31	31	0	4*	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

NORTH WEST*June 1, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	01	No Snow	43	0	83	0	13*	10	
SPEEL RIVER	AK03	80	Not Available		0	612	884	0	200*	17	
TUMEKA CREEK	4D10P	1220	01	-	265	259	219	488	0	89	11
WADE LAKE	4D14P	1370	01	-	233	243	189	243	0	90	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											

YUKON**Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	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
					2001	2000	1999	Max.	Min.	Normal	
CEDAR-KITEEN	4B18P	885	01	-	356	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	29	105	397	248	443	729	0	323	28
KIDPRICE LAKE	4B01	1370	29	172	822	532	913	1209	0	680	26
LU LAKE	4B15P	1310	Not Available			0	26	26	0	9*	3
SHEDIN CREEK	4B16P	1480	01	-	1075	919	720	945	98	644*	5
TSAI CREEK	4B17P	1360	01	-	1181	968	1388	1388	371	909*	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											

Banner

Snowpack and Water Supply Outlook for British Columbia

June 15, 2001

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.

This is the final snow survey of the year. All data will be reviewed over the summer and the approved data will be posted early in the fall. In the mean time, please note that the [Corrections and previously unpublished data](#) page contains all known errors and omissions to date.

Because the number of snowcourses read at this date is very small, and there are no mid-month meteorologic or hydrometric statistics to report, no commentaries are given for individual basins.

Province-wide Synopsis

graphs

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

The June 15th snow survey is very small as many lower level snow courses are normally snow free by this date and those that have snow are depleting rather than accumulating. However, snow surveys have been conducted at 6 snow courses in B.C. These, together with data from 52 snow pillows, have been used in making the following analyses.

[Province-Wide Synopsis](#)

Basin Data and Graphs

[-Upper Fraser](#)

[-Mid and Lower Fraser](#)

[-Thompson](#)

[-Columbia](#)

[-Kootenay](#)

[-Okanagan, Kettle, and Similkameen](#)

[-Coastal](#)

[-NorthEast](#)

[-NorthWest](#)

Groundwater & Snow Pillow graphs are archived at the 2001 Bulletins index page

Weather

For the third year in a row, the weather during the critical melt period has been generally cool and unsettled. There have been no sustained periods of warm weather with the result that the runoff has been very controlled and no major incidents have occurred to date.

Snowpack

The unsettled weather patterns of the past six weeks have resulted in a later and slower depletion of the snowpack than normal. Despite this, the snow has virtually gone from much of the southern interior, any remaining snow being less than normal for this date. In contrast, the northwest of the province continues to have above average snowpacks and snowlines lower than normal for this time of year. The Skeena, Nass, Bulkley and Nechako basins have snowpacks considerably greater than normal for June 1.

Outlook

Although precipitation in May and the first half of June has been above normal in many parts of the province, if normal weather conditions occur during the summer, streamflow and lake levels in the southern half of the province will remain well below normal during the coming months. The low total precipitation over the past six months or so has resulted in drier soil conditions, lower lake levels and lower streamflows than normal in many areas.

All water users are advised to practise water conservation measures whenever possible. A recent Information Bulletin on simple ways to conserve water may be of interest. The Ministry's Water Conservation Strategy is also available for downloading

The above normal snowpack in the northwest of the province could result in flooding along the Skeena, Nass and Bulkley rivers if sustained warm weather and/or substantial rains were to occur in the next two or three weeks. The River Forecast Centre will continue to monitor this area and any advisory notices will be issued through our Runoff Conditions page.



Banner

UPPER and MIDDLE FRASER*June 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	No Snow	0	15	37	0	23	8	
HEDRICK LAKE	1A14P	1100	15	No Snow	0	-	0	0	-	1	
REVOLUTION CREEK	1A17P	1690	15	-	72	487	534	534	0	221	15
YELLOWHEAD	1A01P	1860	15	-	45	266	641	641	0	227*	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											

NECHAKO**Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
MOUNT PONDOSY	1B08P	1400	15	-	158	0	320	320	0	40*	8
MOUNT WELLS	1B01P	1490	15	-	88	0	61	198	0	32*	9
TAHTSA LAKE	1B02P	1300	15	-	936	668	1274	1274	0	555*	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

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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	No Snow	0	15	37	0	23	8	
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow	0	131	131	0	22*	7	
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	0	-	8	
GREEN MOUNTAIN	1C12P	1780	15	-	152	360	933	933	0	355*	7
MISSION RIDGE	1C18P	1850	15	No Snow	0	253	253	0	19*	14	
YANKS PEAK EAST	1C41P	1670	15	-	248	371	754	754	0	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

Banner

MIDDLE and LOWER FRASER*June 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	No Snow	0	15	37	0	23	8	
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow	0	131	131	0	22*	7	
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	0	-	8	
GREEN MOUNTAIN	1C12P	1780	15	-	152	360	933	933	0	355*	7
MISSION RIDGE	1C18P	1850	15	No Snow	0	253	253	0	19*	14	
YANKS PEAK EAST	1C41P	1670	15	-	248	371	754	754	0	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											

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
					2001	2000	1999	Max.	Min.	Normal	
CHILLIWACK RIVER	1D17P	1600	15	-	750	1223	1759	1759	0	301	6
DISAPPOINTMENT LAKE	1D18P	1040	Not Available		-	-	595	595	595*		1
DOG MOUNTAIN	3A10	1080	13	50	252	907	2088Z	2088Z	0	657	15
GREAT BEAR	1D15P	1660	15	-	776	1523	-	1623	655	786	8
SPUZZUM CREEK	1D19P	1180	15	-	521	1200	-	1200	1200	1200*	1
TENQUILLE LAKE	1D06	1680	15	106	552	800	1675	1675	10	705	17
TENQUILLE LAKE	1D06P	1680	15	-	360	-	-	-	-	-	0
WAHLEACH LAKE	1D09P	1400	15	-	582	948	1185	1185	0	370*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
HARTS PASS	WA09P	1980	15	No Snow	318	1267	1267	13	254		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

THOMPSON

June 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	15	-	345	878	1489	1489	94	803*	4
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow	0	131	131	0	0	22*	7
COOK CREEK	1E14P	1280	15	No Snow	0	-	0	0	0	-	1
KOSTAL LAKE	1E10P	1770	15	-	463	794	1285	1285	0	430	16
MOUNT COOK	1E02P	1550	15	-	550	-	-	-	-	-	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											

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
					2001	2000	1999	Max.	Min.	Normal	
ENDERBY	1F04	1900	15	123	560	1092	1197	1326	62	754	23
PARK MOUNTAIN	1F03P	1890	15	-	347	819	1095	1095	0	552	15
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
					2001	2000	1999	Max.	Min.	Normal	
BARKERVILLE	1A03P	1520	15	No Snow	0	15	37	0	23	8	
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow	0	131	131	0	22*	7	
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	0	-	8	
GREEN MOUNTAIN	1C12P	1780	15	-	152	360	933	933	0	355*	7
MISSION RIDGE	1C18P	1850	15	No Snow	0	253	253	0	19*	14	
YANKS PEAK EAST	1C41P	1670	15	-	248	371	754	754	0	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

Banner

COLUMBIA

June 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	15	-	345	878	1489	1489	94	803*	4
MOLSON CREEK	2A21P	1980	15	-	371	926	1163	1163	0	536	16
MOUNT REVELSTOKE	2A06P	1830	15	-	539	1301	1801	1801	0	690	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

LOWER COLUMBIA

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARNES CREEK	2B06P	1620	15	No Snow		26	98	169	0	37*	8
EAST CREEK	2D08P	2030	15	-	214	819	1163	1163	0	395	17
RECORD MOUNTAIN	2B09	1890	15	No Snow		280	949	949	0	163*	16
ST. LEON CREEK	2B08P	1800	15	-	251	795	1351	1351	0	247	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

KOOTENAY

June 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
BANFIELD MOUNTAIN	MT05P	1710	15	No Snow	0	8	8	0	5	3	
FLOE LAKE	2C14P	2090	15	-	165	720	862	862	0	8	6
HAWKINS LAKE	MT06P	1970	15	No Snow	0	683	683	0	185	4	
MORRISSEY RIDGE	2C09Q	1800	15	No Snow	0	0	74	0	36	16	
MOYIE MOUNTAIN	2C10P	1930	15	No Snow	0	0	25	0	2*	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											

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
					2001	2000	1999	Max.	Min.	Normal	
BUNCHGRASS MEADOW	WA01P	1520	Not Available		5	394	394	2	103*	4	
EAST CREEK	2D08P	2030	15	-	214	819	1163	1163	0	395	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

KETTLE, OKANAGAN and SIMILKAMEEN*June 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
BIG WHITE MOUNTAIN	2E03	1680	15	No Snow		94	164	356	0	62*	20
GRANO CREEK	2E07P	1860	15	-	34	240	503	503	0	248*	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											

OKANAGAN**Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2001	2000	1999	Max.	Min.	Normal	
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	0	0	-	8
MISSION CREEK	2F05P	1780	15	No Snow	278	424	424	0	74		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

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
					2001	2000	1999	Max.	Min.	Normal	
BLACKWALL PEAK	2G03P	1940	15	No Snow	184	874	1031	0	329		33
HARTS PASS	WA09P	1980	15	No Snow	318	1267	1267	13	254		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*June 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
DOG MOUNTAIN	3A10	1080	13	50	252	907	2088Z	2088Z	0	657	15
NOSTETUKO RIVER	3A22P	1500	Not Available		0	116	116	0	11*	11	
ORCHID LAKE	3A19	1190	Not Available		1361	-	1910	0	1247	20	
ORCHID LAKE	3A19P	1190	Not Available		1301	-	2074	0	1181*	13	
PALISADE LAKE	3A09P	880	Not Available		8	-	8	8	8*	1	
UPPER MOSELY CREEK	3A24P	1650	15	No Snow	0	0	0	0	-	12	
UPPER SQUAMISH RIVER	3A25P	1340	15	-	446	1129	-	1140	236	834	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
					2001	2000	1999	Max.	Min.	Normal	
JUMP CREEK	3B23P	1160	15	-	11	574	-	574	0	150*	4
WOLF RIVER (UPPER)	3B17P	1490	15	-	543	1024	-	1024	0	785	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
					2001	2000	1999	Max.	Min.	Normal	
BURNT BRIDGE CREEK	3C08P	1330	15	-	45	0	334	334	0	111*	3

TAHTSA LAKE	1B02P	1300	15	-	936	668	1274	1274	0	555*	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

NORTH EAST*June 15, 2001***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
					2001	2000	1999	Max.	Min.	Normal	
AIKEN LAKE	4A30P	1040	15	No Snow	0	0	0	0	-	14	
KWADACHA RIVER	4A27P	1620	15	No Snow	263	454	454	0	38	12	
PINE PASS	4A02P	1400	15	-	597	655	835	835	0	487	9
PULPIT LAKE	4A09P	1310	15	No Snow	0	0	0	0	-	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											

LIARD**Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
DEADWOOD RIVER	4C09P	1300	15	No Snow	0	0	0	0	0	-	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

NORTH WEST

June 15, 2001

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
					2001	2000	1999	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	15	No Snow	0	0	0	0	0	-	10
TUMEKA CREEK	4D10P	1220	15	No Snow	0	0	67	0	6*	11	
WADE LAKE	4D14P	1370	15	No Snow	0	0	0	0	14	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											

YUKON

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	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
					2001	2000	1999	Max.	Min.	Normal	
CEDAR-KITEEN	4B18P	885	15	-	70	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	09	63	283	27Z	317	673	0	128	22
LU LAKE	4B15P	1310	Not Available			0	0	0	0	-	3
SHEDIN CREEK	4B16P	1480	15	-	896	574	364	626	0	347*	5
TSAI CREEK	4B17P	1360	15	-	893	593	1028	1028	0	540*	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											