

Banner

Snowpack and Water Supply Outlook for British Columbia

[Province-Wide Synopsis](#)

January 1, 2004

Basin Data and Graphs

- [Upper Fraser and Nechako](#)
- [Middle and Lower Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Vancouver Island and Coastal Regions](#)
- [North East Region](#)
- [North West Region](#)
- [2004 Snow Pillow Graphs](#)
- [2004 Ground Water Graphs](#)
- [January 2004 Groundwater Commentary](#)
- [2004 Survey Schedule](#)
- [2004 Snow Survey Network](#)

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

[BC Summary Graphs of Snow Water Equivalents](#)

The January 1 snow survey is now complete. Data from 94 snow courses and 55 snow pillows around the province, with 6 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

Snowpack

Most B.C. snowpacks are below normal for this date, with the exception of a band of near normal snowpacks along the southern edge of the province, (as far north as northern Vancouver Island, the Nicola and Okanagan, Nelson and Cranbrook in the Kootenays). The Columbia & Kootenay regions have only slightly below normal snowpacks. The eastern and northern portions of the central plateau again have far below normal snowpacks, and the Skeena and Liard basins have well below normal snow for January 1.

Weather

October had well above normal precipitation, however temperatures were slightly warmer than usual, delaying onset of snow accumulation at higher

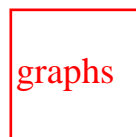
elevations slightly. Precipitation was varied during November, however all areas except for the Liard and Upper Columbia had very low precipitation during December.

Outlook

By January 1, on average, just under half of the peak snowpack for the year has accumulated. The South Coast and Okanagan, which suffered from drought last summer, have good snowpacks for this date. However, unless the next two or three months of snow accumulation in the central B.C. area from the South Thompson through to the Nechako reservoir are above normal, there may again be low flows experienced in those regions.



Upper Fraser & Nechako Basins



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



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

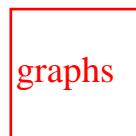
January 1

The snow water equivalent index for the Upper Fraser is at 70% of normal for January 1, however there is some variation, with the McGregor basin having slightly more, and the Willow & Bowron slightly less snow. The Nechako snowpacks are well below normal, with a snow water index of 60% of normal for this date.

While October had high precipitation, temperatures were warm for snow accumulation, and December had very low precipitation.

Regional streamflows, as indicated by the mean monthly flow in the Fraser River at Marguerite, were slightly less than usual during November and December.

Middle and Lower Fraser



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



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

January 1

The snowpacks in the Middle Fraser were well below normal on January 1, with an overall regional snow water equivalent index of 73% of normal, however there is variation within the region. The Chilcotin appears to have just slightly less than usual snow, with the plateau areas to the north of there, and areas east of the Fraser River having snowpacks in the 50% to 70% range. October was slightly warmer than usual, and November and December had around three quarters of usual precipitation.

The Lower Fraser has normal to above normal snowpacks, mainly due to a slightly wetter and colder than usual November.

Streamflows, as indicated by the mean monthly flows in the Fraser River at Hope, are unavailable at this time.

[Back to Top](#)

Thompson Basin

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

January 1

Due to the warm October, and low precipitation and slightly warmer temperatures during December, upper elevation snowpacks are lighter than usual in both the North and South Thompson. While lower elevation snowpacks appear to be near normal in these basins, mid to upper elevation snowpacks in the North Thompson are around three quarters of usual, and in the South Thompson around two thirds of normal for January 1.

Streamflows in the region, as indicated by the mean monthly flows in the Thompson River at Spence's Bridge, were normal during November, and slightly below normal during December.

Columbia Basin

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

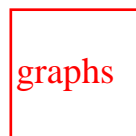
January 1

Mid to upper elevation snowpacks in most of the Columbia basin are slightly below normal (80-90%) for January 1, however the southern portions of the lower Columbia have a near to slightly above normal snowpack. Lower elevation snow appears normal throughout the basin.

Streamflows in the region, as represented by the mean monthly flow in the Columbia River at Donald, were above normal during both November and December.



Kootenay Basin



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



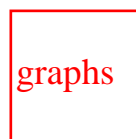
[Snow Survey Data](#)
[Measurements](#)

January 1

Mid to upper elevation snowpacks in most of the Columbia basin are slightly below normal for January 1, with lower elevation snow near normal. Southern portions of the Kootenays have a near to slightly above normal snowpack.

Streamflows, as indicated by the mean monthly flows in the Kootenay River at Fort Steele, were slightly below normal during both November and December.

Okanagan, Kettle, and Similkameen Basins



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



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

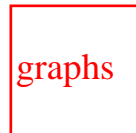
January 1

While the overall snow water index for the Okanagan Kettle is only 82% of normal, most of the Okanagan is showing near normal snow readings for this date, with the few Kettle readings below normal. The Similkameen basin appears to have normal to slightly above normal snowpacks for January 1. While December had quite low precipitation, November was colder and had higher precipitation than usual.

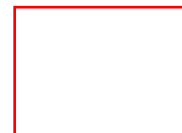
Streamflows in the region, as indicated by inflows to Okanagan Lake, were well below normal during November and December. Okanagan Lake levels are the lowest experienced for this date in the period of record, and near to the lowest for any date.



Vancouver Island & Coastal Regions



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



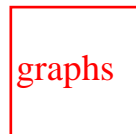
[Snow Survey Data](#)
[Measurements](#)

January 1

Snowpacks on Vancouver Island are well above normal, and on the South Coast slightly above normal, with snow water indexes of 120% and 107% of normal for January 1, respectively. While December was drier than usual, November was colder than usual, with less rain and more snow at mid to upper elevations.

Streamflows, as indicated by the mean monthly inflows to Upper Campbell Lake, were far below normal during November, (residual from the summer & fall drought), but only slightly below normal during December.

North East Region



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



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

January 1

Snowpacks in the Peace basin are in the range of 70% to 80% of normal for January 1. From very few readings, the Liard appears to have less than 70% of normal snowpacks. Precipitation has been below normal over November and December.

Streamflows, as indicated by inflows to Williston Lake have been above normal during November and December.

North West Region

graphs

[Data](#)

[Graphs](#)

[Snow Survey Data](#)

[Measurements](#)

January 1

While the overall Skeena/Nass snow water index is at 77% of normal for January 1, coastal areas appear to have near normal snowpacks, with inland areas of the Skeena, Nass and Stikine having well below normal snowpacks. Precipitation has been low over November and December, and December has been warmer than usual (preliminary data indicates the mean monthly temperature at Dease Lake was 6.7°C above normal).

Regional streamflows, as indicated by the mean monthly flows in the Skeena River at Usk, were normal during November, but slightly below normal during December.

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UPPER and MIDDLE FRASER

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
PRINCE GEORGE A	1A10	690	06	22	42	0T	42	156	0T	70	41
PACIFIC LAKE	1A11	770	27	105	281	56	183	476	56	310	20
BURNS LAKE	1A16	800	05	27	44	10	58	176	10	77	29
PHILIP LAKE	4A13	980	02	49	99	93	163	268	64	150	21
HEDRICK LAKE	1A14	1100	27	92	266	94	248	640	94	335	13
HEDRICK LAKE	1A14P	1100	01	-	248	139	368	461	139	300*	4
KAZA LAKE	1A12	1190	02	58	131	119	219	371	113	190	18
MOUNT SHEBA	4A18	1490	27	90	269	106	450	793	106	400	15
BARKERVILLE	1A03P	1520	01	-	75	68	150	312	68	168	23
KNUDSEN LAKE	1A15	1580	27	104	286	125	387	821	125	410	14
REVOLUTION CREEK	1A17P	1690	01	-	232	191	432	814	191	415	19
LONGWORTH (UPPER)	1A05	1740	27	94	266	114	406	694	114	350	13
YELLOWHEAD	1A01P	1860	01	-	218	236	334	428	184	340	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

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
					2004	2003	2002	Max.	Min.	Normal	
SKINS LAKE	1B05	880	31	27	42	14	45	111	0	65	18
TAHTSA LAKE	1B02P	1300	01	-	427	369	957	957	369	703	11
MOUNT PONDOSY	1B08P	1400	01	-	314	204	607	686	204	451	10
MOUNT WELLS	1B01P	1490	01	-	183	131	384	433	131	328	11

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

MIDDLE FRASER**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	28	21	36	2	22	106	0	40	31
NAZKO	1C08	1070	07	23	35	0	30	84	0	55	18
BIG CREEK	1C21	1140	29	25	38	10	18	62	10	36	17
GRANITE MOUNTAIN	1C33	1150	28	34	66	26	86	158	26	100	11

LAC LE JEUNE (LOWER)	1C07	1370	30	30	55	41	52	123	8	59	31
BRIDGE GLACIER (LOWER)	1C39	1400	05	92	292	326	330	456	204	322*	9
BRALORNE	1C14	1450	05	31	66	78	96	158	48	90	9
BOSS MOUNTAIN MINE	1C20P	1460	01	-	184	191	330	461	191	320	10
LAC LE JEUNE (UPPER)	1C25	1460	30	38	77	57	84	146	10	75	31
BRENDA MINE	2F18P	1460	01	-	180	100	230	304	100	186	9
BARKERVILLE	1A03P	1520	01	-	75	68	150	312	68	168	23
YANKS PEAK EAST	1C41P	1670	01	-	304	199	375	491	199	422	7
GREEN MOUNTAIN	1C12P	1780	01	-	351	354	573	707	268	440	10
MCGILLIVRAY PASS	1C05	1800	05	82	211	266	301	458	191	260	11
MISSION RIDGE	1C18P	1850	01	-	210	168	302	659	148	272	17
DOWNTON LAKE (UPPER)	1C38	1890	05	132	388	416	602	690	294	425	9
TYAUGHTON CREEK (NORTH)	1C40	1950	04	64	184	264	-	364	152	175	8
BRALORNE (UPPER)	1C37	1980	05	84	240	264	318	504	195	368	9

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Banner

MIDDLE and LOWER FRASER

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
PUNZI MOUNTAIN	1C22	940	28	21	36	2	22	106	0	40	31
NAZKO	1C08	1070	07	23	35	0	30	84	0	55	18
BIG CREEK	1C21	1140	29	25	38	10	18	62	10	36	17
GRANITE MOUNTAIN	1C33	1150	28	34	66	26	86	158	26	100	11
LAC LE JEUNE (LOWER)	1C07	1370	30	30	55	41	52	123	8	59	31
BRIDGE GLACIER (LOWER)	1C39	1400	05	92	292	326	330	456	204	322*	9
BRALORNE	1C14	1450	05	31	66	78	96	158	48	90	9
BOSS MOUNTAIN MINE	1C20P	1460	01	-	184	191	330	461	191	320	10
LAC LE JEUNE (UPPER)	1C25	1460	30	38	77	57	84	146	10	75	31
BRENDA MINE	2F18P	1460	01	-	180	100	230	304	100	186	9
BARKERVILLE	1A03P	1520	01	-	75	68	150	312	68	168	23
YANKS PEAK EAST	1C41P	1670	01	-	304	199	375	491	199	422	7

GREEN MOUNTAIN	1C12P	1780	01	-	351	354	573	707	268	440	10
MCGILLIVRAY PASS	1C05	1800	05	82	211	266	301	458	191	260	11
MISSION RIDGE	1C18P	1850	01	-	210	168	302	659	148	272	17
DOWNTON LAKE (UPPER)	1C38	1890	05	132	388	416	602	690	294	425	9
TYAUGHTON CREEK (NORTH)	1C40	1950	04	64	184	264	-	364	152	175	8
BRALORNE (UPPER)	1C37	1980	05	84	240	264	318	504	195	368	9

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LOWER FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	31	27	60	24	108	193	0	68*	27
DISAPPOINTMENT LAKE	1D18P	1040	29	-	740P	490P	-	1304	487	814*	4
DICKSON LAKE	1D16	1070	29	237	786	446	668	1110	360	703*	11
DOG MOUNTAIN	3A10	1080	30	182	670	323	745	897	96	480	17
BEAVER PASS	WA12	1120	30	145	404	137	381	615	122	308*	7
KLESILKWA	3D03A	1130	29	69	166	64	107	386	0	185	13
SPUZZUM CREEK	1D19P	1180	01	-	806	409	731	840	394	619*	5
STAVE LAKE	1D08	1210	29	238	714	516	735	976	112	630	13
WAHLEACH LAKE	1D09	1400	29	128	334	143	300	417	46	260	17
WAHLEACH LAKE	1D09P	1400	01	-	549	235	494	777	235	520	11
NAHATLATCH RIVER	1D10	1520	29	205	568	549	-	975	219	600	11

EASY PASS	WA13	1580	Not Available			-	-	1651	229	755*	20
CHILLIWACK RIVER	1D17P	1600	01	-	855	383	776	1165	383	654*	11
GREAT BEAR	1D15P	1660	Not Measured			424	870	954	424	808	11
TENQUILLE LAKE	1D06	1680	28	170	470	404	645	875	205	550	26
TENQUILLE LAKE	1D06P	1680	01	-	409	390	623	623	285	433*	3

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2004	2003	2002	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	29	81	185	41	79	259	41	131*	7
BEAVER PASS	WA12	1120	30	145	404	137	381	615	122	308*	7
KLESILKWA	3D03A	1130	29	69	166	64	107	386	0	185	13
HARTS PASS	WA09	1980	29	170	526	287	643	744	287	508*	5
HARTS PASS	WA09P	1980	01	-	495	300	508	737P	282	455*	6

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

THOMPSON

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	31	67	171	50	154	263	50	160	17
COOK CREEK	1E14P	1280	01	-	229	101	240	255	101	199*	3
BOSS MOUNTAIN MINE	1C20P	1460	01	-	184	191	330	461	191	320	10
MOUNT COOK	1E02P	1550	01	-	439	469	694	694	469	582*	2
AZURE RIVER	1E08P	1620	01	-	458	356	660	780	356	620	7
KOSTAL LAKE	1E10P	1770	01	-	337	271	463	590	271	453	19

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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* - PERIOD OF RECORD AVERAGE

SOUTH THOMPSON**Snow Survey Measurements**

					WATER EQUIVALENT (mm)						

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2004	2003	2002	Max.	Min.	Normal	No. Years Record
MONASHEE PASS	2E01	1370	30	53	137	-	134	239	84	165	22
KIRBYVILLE LAKE	2A25	1750	29	136	408	-	714	854	351	620	19
PARK MOUNTAIN	1F03P	1890	01	-	278	321	455	632	256	427	18
ENDERBY	1F04	1900	01	157	330	370	600A	742	292	495	28

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	28	21	36	2	22	106	0	40	31
NAZKO	1C08	1070	07	23	35	0	30	84	0	55	18
BIG CREEK	1C21	1140	29	25	38	10	18	62	10	36	17
GRANITE MOUNTAIN	1C33	1150	28	34	66	26	86	158	26	100	11
LAC LE JEUNE (LOWER)	1C07	1370	30	30	55	41	52	123	8	59	31
BRIDGE GLACIER (LOWER)	1C39	1400	05	92	292	326	330	456	204	322*	9
BRALORNE	1C14	1450	05	31	66	78	96	158	48	90	9
BOSS MOUNTAIN MINE	1C20P	1460	01	-	184	191	330	461	191	320	10
LAC LE JEUNE (UPPER)	1C25	1460	30	38	77	57	84	146	10	75	31

BRENDA MINE	2F18P	1460	01	-	180	100	230	304	100	186	9
BARKERVILLE	1A03P	1520	01	-	75	68	150	312	68	168	23
YANKS PEAK EAST	1C41P	1670	01	-	304	199	375	491	199	422	7
GREEN MOUNTAIN	1C12P	1780	01	-	351	354	573	707	268	440	10
MCGILLIVRAY PASS	1C05	1800	05	82	211	266	301	458	191	260	11
MISSION RIDGE	1C18P	1850	01	-	210	168	302	659	148	272	17
DOWNTON LAKE (UPPER)	1C38	1890	05	132	388	416	602	690	294	425	9
TYAUGHTON CREEK (NORTH)	1C40	1950	04	64	184	264	-	364	152	175	8
BRALORNE (UPPER)	1C37	1980	05	84	240	264	318	504	195	368	9

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Banner

COLUMBIA

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
DOWNIE SLIDE (LOWER)	2A27	980	29	105	302	166	-	504	166	320	18
GLACIER	2A02	1250	04	94	303	190	284	519	147	328	33
VERMONT CREEK	2A19	1520	02	70	198	140	206	328	91	230	19
AZURE RIVER	1E08P	1620	01	-	458	356	660	780	356	620	7
DOWNIE SLIDE (UPPER)	2A29	1630	29	164	518	606	770	1022	370	690	18
KICKING HORSE	2A07	1650	28	61	160	66	107	257	66	175	24
KIRBYVILLE LAKE	2A25	1750	29	136	408	-	714	854	351	620	19
MOUNT REVELSTOKE	2A06P	1830	01	-	481	433	616	835	317	599	11
FIDELITY MOUNTAIN	2A17	1870	03	166	589	350	635A	1228	334	617	29
BEAVERFOOT	2A11	1890	02	44	96	56	116	215	55	120	19
KEYSTONE CREEK	2A18	1890	29	97	279	308	449	577	217	400	19
BUSH RIVER	2A23	1920	29	124	384	-	510	722	216	442	19
GOLDSTREAM	2A16	1920	29	155	476	414	660	906	355	598	19
MOLSON CREEK	2A21P	1980	01	-	487	349	649	1072	318	558	23
MOUNT ABBOT	2A14	1980	31	163	538	386	651	1065	298	615	19
SUNBEAM LAKE	2A22	2010	29	132	412	-	489	767	243	475	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											

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
					2004	2003	2002	Max.	Min.	Normal	

FERGUSON	2D02	880	30	97	279	93	215	409	93	275	24
FARRON	2B02A	1220	29	74	158	90	159	330	40	155	19
MONASHEE PASS	2E01	1370	30	53	137	-	134	239	84	165	22
WHATSHAN (UPPER)	2B05	1480	30	97	288	-	289	543	169	340	18
BARNES CREEK	2B06	1620	30	76	203	-	233	363	146	260	17
BARNES CREEK	2B06P	1620	01	-	180	236	248	409	158	278	11
ST. LEON CREEK	2B08	1800	30	153	469	-	618	1164	325	613	15
ST. LEON CREEK	2B08P	1800	Not Measured			330	529	637	221	569	8
KOCH CREEK	2B07	1860	30	110	302	-	419	452	170	365	14
RECORD MOUNTAIN	2B09	1890	01	124	312	-	504	538	134	320	18
EAST CREEK	2D08P	2030	01	-	331	214	413	858	206	470	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

Banner

KOOTENAY

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
FERNIE EAST	2C07	1250	01	72	148	41	144	330	28	142	28
MARBLE CANYON	2C05	1520	Not Measured			64	136	300	64	184	29
SULLIVAN MINE	2C04	1550	28	61	120	94	113	226	29	138	18
WEASEL DIVIDE	MT02	1660	30	130	366	185	414	691	162	367*	18
BANFIELD MOUNTAIN	MT05P	1710	01	-	208	180	216	340	112	196*	6
MOUNT JOFFRE	2C16	1750	02	58	139	-	133	364	86	180	16
MORRISSEY RIDGE	2C09Q	1800	01	-	323	176	319	706	123	331	20
MOYIE MOUNTAIN	2C10P	1930	01	-	221	128	176	354	76	180	24
HAWKINS LAKE	MT06P	1970	01	-	279	264	312	419	145	252*	6
THUNDER CREEK	2C17	2010	02	53	112	85	101	276	61	135	19
FLOE LAKE	2C14	2090	02	108	322	245	405	747	181	425	19
FLOE LAKE	2C14P	2090	01	-	311	221	360	502	173	363	8
HIGHWOOD SUMMIT (BUSH)	AL02	2210	29	74	206	-	-	399	97	228*	11

MOUNT ASSINIBOINE	2C15	2230	02	92	246	182	293	567	111	290	20
SUNSHINE VILLAGE	AL05	2230	30	95	249	183	272	389	137	232*	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											

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
					2004	2003	2002	Max.	Min.	Normal	
FERGUSON	2D02	880	30	97	279	93	215	409	93	275	24
NELSON	2D04	930	29	104	249	85	212	366	66	175	44
CHAR CREEK	2D06	1310	01	108	288	232Z	268	480	110	250	20
BUNCHGRASS MEADOW	WA01P	1520	01	-	345	343	422	488	218	343*	6
KOCH CREEK	2B07	1860	30	110	302	-	419	452	170	365	14
MOUNT TEMPLEMAN	2D09	1860	Not Measured			-	486	902	277	530	16
EAST CREEK	2D08P	2030	01	-	331	214	413	858	206	470	22
REDFISH CREEK	2D14P	2104	01	-	476	401	686	686	401	544*	2
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

Banner

COASTAL

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		403	-	785	337	577*	4	
DOG MOUNTAIN	3A10	1080	30	182	670	323	745	897	96	480	17
GROUSE MOUNTAIN	3A01	1100	31	225	800	300	864	878	24	480	23
ORCHID LAKE	3A19	1190	29	278	840	625	-	1214	202	750	21
ORCHID LAKE	3A19P	1190	Not Available		763	841	1285	243	753*	18	
UPPER SQUAMISH RIVER	3A25P	1340	01	-	761	559	799	1072	454	730	12
NOSTETUKO RIVER	3A22P	1500	01	-	206	94	304	524	32	262*	12
UPPER MOSELY CREEK	3A24P	1650	01	-	173	139	184	491	85	188*	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

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
					2004	2003	2002	Max.	Min.	Normal	
ELK RIVER	3B04	270	01	40	104	0	71	264	0	70	19
WOLF RIVER (LOWER)	3B19	640	04	94	298	174	234	326	0	100	14
WOLF RIVER (MIDDLE)	3B18	1070	04	141	454	300	284	590	0	270	15
FORBIDDEN PLATEAU	3B01	1130	04	272	919	625	662	1287	0	630	21
JUMP CREEK	3B23P	1160	01	-	686	386	589	806	244	428	8
WOLF RIVER (UPPER)	3B17P	1490	01	-	692	625	582	1057	150	595	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											

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
					2004	2003	2002	Max.	Min.	Normal	
TAHTSA LAKE	1B02P	1300	01	-	427	369	957	957	369	703	11
BURNT BRIDGE CREEK	3C08P	1330	01	-	338	131	585	600	131	434*	5
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

KETTLE, OKANAGAN and SIMILKAMEEN

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
FARRON	2B02A	1220	29	74	158	90	159	330	40	155	19
MONASHEE PASS	2E01	1370	30	53	137	-	134	239	84	165	22
GRANO CREEK	2E07P	1860	01	-	143	199	315	315	143	227*	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**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
SUMMERLAND RESERVOIR	2F02	1280	29	54	97	42	104	198	42	114	40

BRENDA MINE	2F18P	1460	01	-	180	100	230	304	100	186	9
GREYBACK RESERVOIR	2F08	1550	05	48	83	116	162	181	56	115	21
ISINTOK LAKE	2F11	1680	30	47	102	16	74	196	16	86	38
MISSION CREEK	2F05P	1780	01	-	214	131	311	326	104	215	33
MOUNT KOBAN	2F12	1810	30	55	112	153	185	261	28	144	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											

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
					2004	2003	2002	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	29	81	185	41	79	259	41	131*	7
MISSEZULA MOUNTAIN	2G05	1550	02	50	115	21	86	197	21	105*	11
ISINTOK LAKE	2F11	1680	30	47	102	16	74	196	16	86	38
BLACKWALL PEAK	2G03P	1940	01	-	409	199	450	923	108	397	34
HARTS PASS	WA09	1980	29	170	526	287	643	744	287	508*	5
HARTS PASS	WA09P	1980	01	-	495	300	508	737P	282	455*	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

NORTH EAST

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	28	18	28	18	36	134	14	57	28
MACKENZIE A	4A19	700	31	53	104	26	84	283	26	116	30
PACIFIC LAKE	1A11	770	27	105	281	56	183	476	56	310	20
BULLHEAD MOUNTAIN	4A28	790	31	27	56	0T	54	111	0T	54	20
PHILIP LAKE	4A13	980	02	49	99	93	163	268	64	150	21
WARE (LOWER)	4A04	980	03	42	87	52	174	240	52	100	13
AIKEN LAKE	4A30P	1040	01	-	113	75A	-	262	75A	138	15
TUTIZZI LAKE	4A06	1070	02	48	90	98	191	200	85	135	13
TSAYDAYCHI LAKE	4A12	1160	02	64	147	165	310	393	128	215	20
KAZA LAKE	1A12	1190	02	58	131	119	219	371	113	190	18
FREDRICKSON LAKE	4A10	1310	02	53	96	54	148	250	54	130	14
PULPIT LAKE	4A09	1310	03	78	165	130	300	398	130	220	15
PULPIT LAKE	4A09P	1310	01	-	192	158	287	344	158	242	12
PINE PASS	4A02P	1400	01	-	381	241	680	1016	241	543	14
TRYGVE LAKE	4A11	1400	03	66	131	135	-	299	126	195	16

SIKANNI LAKE	4C01	1400	03	55	115	44	199	257	44	145	20
PINE PASS	4A02	1430	04	159	466	345	799	988	314	620	22
MORFEE MOUNTAIN	4A16	1450	04	109	313	226	468	710	226	450	8
LADY LAURIER LAKE	4A07	1460	04	79	211	140	427	472	140	270	20
MOUNT SHEBA	4A18	1490	27	90	269	106	450	793	106	400	15
GERMANSEN (UPPER)	4A05	1500	02	58	120	108	251	364	99	194	21
MOUNT STEARNS	4A21	1500	03	35	72	24	138	151	24	80	14
JOHANSON LAKE	4B02	1540	02	55	115	109	201	282	90	160	20
MONKMAN CREEK	4A20	1550	27	70	173	-	294	546	145	270	11
WARE (UPPER)	4A03	1570	03	57	118	64	224	248	64	145	14
KWADACHA RIVER	4A27P	1620	01	-	120	86	210	307	86	180*	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

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
					2004	2003	2002	Max.	Min.	Normal	
FORT NELSON A	4C05	380	01	22	26	47	85	112	20	59	36
DEASE LAKE	4C03	820	01	31	46	-	61	150	20	71	36
DEADWOOD RIVER	4C09P	1300	01	-	33	-	79	211	34	82*	8
SIKANNI LAKE	4C01	1400	03	55	115	44	199	257	44	145	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

NORTH WEST

January 1, 2004

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
					2004	2003	2002	Max.	Min.	Normal	
DEASE LAKE	4C03	820	01	31	46	-	61	150	20	71	36
KINASKAN LAKE	4D11P	1020	01	-	240	-	221	378	104	191*	12
TUMEKA CREEK	4D10P	1220	01	-	240	180	311	591	180	341*	11
WADE LAKE	4D14P	1370	01	-	145A	105	184	344	91	197*	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											

YUKON

No data received from the Yukon

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
					2004	2003	2002	Max.	Min.	Normal	
TERRACE A	4B13A	180	30	41	70	20	100	162	0	74*	21
GRANDUC MINE	4B12P	790	01	-	791	656	1065	1065	656	861*	2
CEDAR- KITEEN	4B18P	885	01	-	248	83	338	338	83	217*	3
KAZA LAKE	1A12	1190	02	58	131	119	219	371	113	190	18
LU LAKE	4B15P	1310	01	-	79	41	206	206	41	115*	6
TSAI CREEK	4B17P	1360	01	-	409	390	904	904	390	574*	5
TRYGVE LAKE	4A11	1400	03	66	131	135	-	299	126	195	16
HUDSON BAY MTN.	4B03A	1480	02	79	157	181	359	470	135	283	28
SHEDIN CREEK	4B16P	1480	Not Measured			266	551	551	266	421*	8
JOHANSON LAKE	4B02	1540	02	55	115	109	201	282	90	160	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