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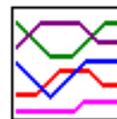
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## Snowpack and Water Supply Outlook for British Columbia

January 1, 2008

**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



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

The January 1 snow survey is now complete. Data from 78 snow courses and 59 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

Basin snow water indices across B.C. vary from a low of about 81% of normal in the Okanagan and Kettle, to 129% of normal in the North Thompson and 116% in the Columbia. The South Thompson, Vancouver Island and the South Coast are all above normal. Most other river basins are near normal for the date, including the Upper Fraser, Nechako and Skeena.

Low and mid elevation snow throughout the coast and interior is well developed, following the generally wet and cool December.

### Weather

Weather during the early part of the winter has been variable. October was generally wetter than average while November was generally drier than average (except for the Upper Fraser and Nechako areas). December has been cool and wet for much of B.C., with near or above normal snowfall and below normal temperatures. Weather during December (and continuing into January) was dominated by a conveyor belt of Pacific frontal systems pushing through B.C. The first major front in early December was warm, producing heavy rain and

snowmelt, and resulting in flooding on Vancouver Island and the South Coast. This system brought heavy snowfall into some portions of the interior. Subsequent storm systems have been dominated by cold fronts, producing snow to low elevations.

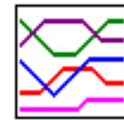
## Outlook

By January 1, on average, just under half of the peak snowpack for the year has accumulated. The near normal or above normal snow accumulation in many areas provides a favourable outlook for spring & summer streamflow and water-supply. However, the below normal snow conditions in the Okanagan and Kettle basins of the south-central interior suggest the possibility for below normal streamflow and water-supply in those areas this summer.

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### Upper Fraser & Nechako Basins



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#### January 1

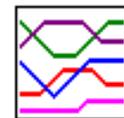
The snow water index for the Upper Fraser is 97% of normal for January 1st, well below last year's level of 128%. Low elevation snow is generally near or slightly above normal (e.g., Prince George A = 103%, Burns Lake = 148%), while mid and high elevation snow is slightly below normal. The high elevation Upper Fraser snow pillows are averaging 84% of normal.

The Nechako snow water index is 95% of normal, well below last year's level of 174%. The Mount Pondosy (1B08P), Mount Wells (1B01P) and Tahtsa Lake (1B02P) snow pillows are all 88-89% of normal. The Skins Lake snow course (1B05) is 145%.

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### Middle and Lower Fraser



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#### January 1

The Middle Fraser has a January 1st snow water index of 101% of normal. The Chilcotin and Fraser Plateau areas appear to have below normal snow (e.g., Nazko (1C08) = 82%, Big Creek (1C21) = 47%). Southern portions of the Middle Fraser are above normal (e.g., Downton Lake (1C38) = 141%, Green Mountain (1C12P) = 112%, Bridge Glacier Lower (1C39) = 109%).

Following a cool and wet December, the Lower Fraser snow water index for January 1st is 105% of normal. Wolverine Creek (1D13) is 144%, while the Chilliwack River (1D17P), Great Bear (1D15P) and Tenquille Lake (1D06P) snow pillows are 103%, 98%, and 119%, respectively.

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## Thompson Basin



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### January 1

The Thompson River basin has above normal snow water conditions at January 1st. The North Thompson snow water index is 129% of normal, while the South Thompson index is 110%. Low elevation snow appears to be near normal for the date.

In the North Thompson basin, the Blue River (1E01B) snow course is 98% of normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 115% and 122%, respectively.

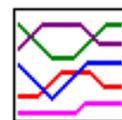
In the South Thompson basin, Enderby (1F04) is 118% of normal. The Park Mountain (1F03P) snow pillow is currently not operating. The Celista Mountain (1F06P) snow pillow located north of Shuswap Lake is estimated to be near 106% of normal.

In the Nicola basin, Lac Le Jeune Upper (1C25) is 61% of normal.

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## Columbia Basin



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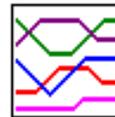
### January 1

The Columbia basin snow index is 116% of normal, with much greater snow in the Upper Columbia than the Lower Columbia. For the Upper Columbia, most snow courses are in the 100-125% of normal range, with a low of 83% for Kicking Horse (2A07) and a high of 131% for Goldstream (2A16). For the Lower Columbia, most snow courses are in the 75-93% range, with a low of 75% for Record Mountain (2B09) and a high of 93% for the St. Leon Creek snow pillow

(2B08P).

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## Kootenay Basin



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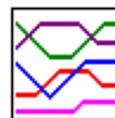
[Snow Survey Data  
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### January 1

Cranbrook, the Kootenay indicator climate station, received 119% of normal precipitation during November and December. The overall Kootenay snow water index is 97% of normal. For the East Kootenay, values for individual snow survey sites range from a low of 65% at Thunder Creek (2C17) to a high of 106% at the Floe Lake snow pillow (2C14P). For the West Kootenay values are higher, ranging from 82% at Nelson (2D04) to 120% at East Creek (2D08P). Low elevation snow is above normal in the West Kootenay but below normal in the East Kootenay.

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## Okanagan, Kettle, and Similkameen Basins



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### January 1

The overall January 1 snow water index of 81% for the Okanagan-Kettle is well below normal. Mount Kobau (2F12) in the far south Okanagan is only 50% of normal for the date. The Summerland Reservoir (2F02) and Greyback Reservoir (2F08) snow courses are 87% and 65% of normal, respectively. The Brenda Mines (2F18P) snow pillow on the west side of the Okanagan valley is 94%. The Mission Creek (2F05P) snow pillow east of Kelowna is estimated to be 89% of normal (the gauge was not operating at the beginning of January). In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 83% and Monashee Pass (2E01) is 84%.

Western portions of the Similkameen valley have near normal snow conditions while eastern portions appear to be well below normal (similar to adjacent areas of the southern Okanagan) The overall January 1st snow water index is 89% of normal. The Blackwall Peak (2G03P) snow pillow is currently 100%.

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## Vancouver Island & Coastal Regions



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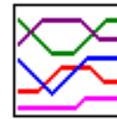
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### January 1

Snow packs on the Vancouver Island and Coastal regions are above normal as of January 1st. The Vancouver Island snow water index is 111% of normal, while the South Coast index is 113% of normal. Precipitation on Vancouver Island and the Coast was well below normal for November but generally well above normal (and cool) for December, with a series of cold Pacific frontal storms. On Vancouver Island, the Jump Creek (3B23P) snow pillow and Wolf River Lower snow course (3B19) are 117% and 100% of normal, respectively, at January 1st. On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses are 154% and 144%, respectively. The Upper Squamish (3A25P) snow pillow is 92% of normal. Low and mid elevation snow on Vancouver Island and the South Coast are well above normal for the date, reflecting the wet and cool December.

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## North East Region



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### January 1

Precipitation in the Peace has been above normal for November and December, and, so, snow accumulations have been generally greater than normal. The snow water index for the Peace River basin is 102% of normal at January 1st, well below last year's level of 143%. Individual snow survey sites ranging from a low of 84% at Aiken Lake (4A30P) and Tutizzi Lake (4A06), to a high of 124% at Mount Sheba (4A18) and 127% at Lady Laurier Lake (4A07).

Precipitation in the Liard River basin was below normal during November and December. For the Liard basin, snow water equivalencies range between 56% and 94%, with a basin average of 81%.

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## North West Region



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### January 1

The Skeena/Nass basins have a snow water index of 103% of normal for January 1st. For the two snow courses with the longest periods of record, Hudson Bay Mountain (4B03A), located near Smithers, is 103%, and Johanson Lake (4B02), located in the north-east corner of the basin, is 84%. The Lu Lake (4B15P) and Tsai Creek (4B17P) snow pillows are 123% and 120% of normal, respectively.

Based on a very limited survey, the Stikine basin appears to be below normal. The Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 65% and 107% of normal, respectively.



# Snow Survey Bulletin

January 1, 2008

Data Tables

[Go to Provincial Snow Survey Network Maps](#)

Snow Course Name	Station Number	Elev (m)	Date of Survey	Snow Depth (cm)	WATER EQUIVALENT (mm)							Years of Record
					Normal	2008	% of Normal	2007	2006	MAX	MIN	
UPPER FRASER Drainage Basin												
PRINCE GEORGE A	1A10	690	31-Dec	38	70	72	103%	101	13	156	0T	45
PACIFIC LAKE	1A11	770	02-Jan	133	310	306	99%	473	107	476	56	24
BURNS LAKE	1A16	800	01-Jan	62	77	114	148%	192	22	192	10	33
PHILIP LAKE	4A13	980	03-Jan	77	150	175	117%	288	48	288	48	25
HEDRICK LAKE	1A14	1100	02-Jan	146	335	389	116%		162	640	94	16
HEDRICK LAKE	1A14P	1100	01-Jan		315*	N		394	173	503	139	8
KAZA LAKE	1A12	1190	03-Jan	84	190	174	92%	220	108	371	108	22
LU LAKE	4B15P	1310	01-Jan		131*	161	123%*	289	105	289	41	10
MOUNT SHEBA	4A18	1490	02-Jan	166	400	494	124%	766	234	793	106	19
BARKERVILLE	1A03P	1520	01-Jan		168	128A	76%	158	38	312	38	27
KNUDSEN LAKE	1A15	1580	02-Jan		410	N			251	821	125	17
MCBRIDE (UPPER)	1A02P	1620	01-Jan		270*	184	68%*	270		270	270	1
REVOLUTION CREEK	1A17P	1690	01-Jan		415	365A	88%	394	261	814	191	23
LONGWORTH (UPPER)	1A05	1740	02-Jan	170	350	526	150%	506	216	694	114	17
DOME MOUNTAIN	1A19P	1820	01-Jan		417*	341	82%*	413		413	413	1
YELLOWHEAD	1A01P	1860	01-Jan		340	278	82%	349	221	428	184	11
NECHAKO Drainage Basin												
SKINS LAKE	1B05	880	02-Jan	44	65	94	145%	127	32	127	0	22

TAHTSA LAKE	1B02P	1300	01-Jan		703	628	89%	1155	546	1155	369	15
MOUNT PONDOSY	1B08P	1400	01-Jan		451	399	88%	683	396	686	204	14
MOUNT WELLS	1B01P	1490	01-Jan		328	293	89%	518	239	518	131	15
MIDDLE FRASER Drainage Basin												
PUNTZI MOUNTAIN	1C22	940	29-Dec	16	40	28	70%	60	24	106	0	35
NAZKO	1C08	1070	27-Dec	25	55	45	82%	58	20	84	0	22
BIG CREEK	1C21	1140	29-Dec	12	36	17	47%	20	20	62	10	21
GRANITE MOUNTAIN	1C33A	1150	27-Dec	33	100	83	83%	108	49	158	26	15
BRIDGE GLACIER (LOWER)	1C39	1400	07-Jan	150	300*	328	109%		200	456	200	12
BRALORNE	1C14	1450	07-Jan	45	90	97	108%		33	158	33	12
BOSS MOUNTAIN MINE	1C20P	1460	01-Jan		320	394	123%	315	218	461	184	14
LAC LE JEUNE (UPPER)	1C25	1460	27-Dec	28	75	46	61%	124	66	146	10	35
BRENDA MINE	2F18P	1460	01-Jan		186	174	94%	208	142	304	100	13
BARKERVILLE	1A03P	1520	01-Jan		168	128A	76%	158	38	312	38	27
YANKS PEAK EAST	1C41P	1670	01-Jan		422	484	115%	413	281	491	199	11
GREEN MOUNTAIN	1C12P	1780	01-Jan		440	491	112%	750	357	750	268	14
MCGILLIVRAY PASS	1C05	1800	07-Jan		260	N			203	458	191	14
MISSION RIDGE	1C18P	1850	01-Jan		272	246	90%	432	168	659	148	21
DOWNTON LAKE (UPPER)	1C38	1890	07-Jan	208	425	600	141%		316	690	272	12
TYAUGHTON CREEK (NORTH)	1C40	1950	07-Jan	109	175	280	160%		132	364	132	11
BRALORNE(UPPER)	1C37	1980	07-Jan	137	368	338	92%		206	504	195	12
LOWER FRASER Drainage Basin												
WOLVERINE CREEK	1D13	300	31-Dec	44	64*	92	144%*	52	4	193	0	31
DISAPPOINTMENT LAKE	1D18P	1040			793*			1200P		1304	355P	7
DICKSON LAKE	1D16	1070	07-Jan		715*	N		1196		1196	274	14
DOG MOUNTAIN	3A10	1080	01-Jan	228	480	690	144%	734	198	897	96	21
BEAVER PASS	WA12	1120	31-Dec	152	310*	338	109%*	600A	137	615	109	11
KLESILKWA	3D03A	1130	07-Jan	60	185	144	78%	308	30A	386	0	17
SPUZZUM CREEK	1D19P	1180	01-Jan		655*	664	101%*	1231	439	1231	326	9
STAVE LAKE	1D08	1210	07-Jan		630	N			457	976	112	16
WAHLEACH LAKE	1D09	1400	07-Jan		260	N		345	160	417	46	21
WAHLEACH LAKE	1D09P	1400	01-Jan		520	448	86%	634	300	777	235	15
NAHATLATCH RIVER	1D10	1520	07-Jan		600	N		852		975	219	14
EASY PASS	WA13	1580			755*					1651	229	20
CHILLIWACK RIVER	1D17P	1600	01-Jan		658*	675	103%*	949	439	1165	383	15
GREAT BEAR	1D15P	1660	01-Jan		808	791	98%	1058	476	1058	424	14

TENQUILLE LAKE	1D06P	1680	01-Jan		459*	544	119%*	780	364	780	285	7
NORTH THOMPSON Drainage Basin												
BLUE RIVER	1E01B	670	29-Dec	75	160	157	98%	190	58	263	50	21
COOK CREEK	1E14P	1280	01-Jan		239*	240	100%*	319	191	338	101	7
BOSS MOUNTAIN MINE	1C20P	1460	01-Jan		320	394	123%	315	218	461	184	14
MOUNT COOK	1E02P	1550	01-Jan		560*	881	157%*	638	461	694	439	6
AZURE RIVER	1E08P	1620	01-Jan		620	713	115%	676	555	780	356	11
KOSTAL LAKE	1E10P	1770	01-Jan		453	551	122%	401	378	590	271	23
SOUTH THOMPSON Drainage Basin												
MONASHEE PASS	2E01	1370	07-Jan	58	165	139	84%			239	84	24
CELISTA	1F06P	1500	01-Jan		445*	469	105%*	555		555	450	2
KIRBYVILLE LAKE	2A25	1750	27-Dec	230	620	706	114%	737	522	854	351	23
PARK MOUNTAIN	1F03P	1890	01-Jan		427	N		390	345	632	256	22
ENDERBY	1F04	1900	31-Dec	226	495	586	118%	581	507	742	292	32
UPPER COLUMBIA Drainage Basin												
DOWNIE SLIDE (LOWER)	2A27	980	27-Dec	129	320	340	106%			504	166	20
GLACIER	2A02	1250	01-Jan	125	328	347	106%	409	186	519	147	37
VERMONT CREEK	2A19	1520	31-Dec	86	230	242	105%	286	107	328	91	23
AZURE RIVER	1E08P	1620	01-Jan		620	713	115%	676	555	780	356	11
DOWNIE SLIDE (UPPER)	2A29	1630	27-Dec		690	N				1022	370	20
KICKING HORSE	2A07	1650	31-Dec	69	175	145	83%	191	97	257	66	28
KIRBYVILLE LAKE	2A25	1750	27-Dec	230	620	706	114%	737	522	854	351	23
MOUNT REVELSTOKE	2A06P	1830	01-Jan		599	N		735	439	835	317	14
FIDELITY MOUNTAIN	2A17	1870	28-Dec	252	617	772	125%	737	447	1228	334	33
BEAVERFOOT	2A11	1890	31-Dec	46	120	120	100%	142	52	215	52	23
KEYSTONE CREEK	2A18	1890	27-Dec	160	400	466	117%	492	299	577	217	23
GOLDSTREAM	2A16	1920	27-Dec	257	598	784	131%	671	497	906	355	23
BUSH RIVER	2A23	1920	27-Dec	154	442	476	108%	610	338	722	216	23
MOUNT ABBOT	2A14	1980	30-Dec	242	615	756	123%	751	538	1065	298	23
MOLSON CREEK	2A21P	1980	01-Jan		558	690	124%	754	510	1072	318	27
SUNBEAM LAKE	2A22	2010	27-Dec	170	475	514	108%	617	410	767	243	23
LOWER COLUMBIA Drainage Basin												
FERGUSON	2D02	880	28-Dec	128	275	301	109%	330	121	409	93	28

FARRON	2B02A	1220	31-Dec	56	155	126	81%	193	152	330	40	23
MONASHEE PASS	2E01	1370	07-Jan	58	165	139	84%			239	84	24
WHATSHAN (UPPER)	2B05	1480	07-Jan	113	340	267	79%			543	169	19
BARNES CREEK	2B06	1620	07-Jan	101	260	237	91%			376	146	19
BARNES CREEK	2B06P	1620	01-Jan		278	N		229	169	409	158	15
ST. LEON CREEK	2B08	1800	07-Jan		613	N				1164	325	17
ST. LEON CREEK	2B08P	1800	01-Jan		569	532	93%	555	311	637	221	11
KOCH CREEK	2B07	1860	07-Jan		365	N				452	170	15
RECORD MOUNTAIN	2B09	1890	03-Jan	111	320	240	75%	419	364	538	134	22
EAST CREEK	2D08P	2030	01-Jan		470	562	120%	555	378	858	206	26

## EAST KOOTENAY Drainage Basin

FERNIE EAST	2C07	1250	31-Dec	58	142	114	80%	179	82	330	28	32
SULLIVAN MINE	2C04	1550	28-Dec	58	138	108	78%	178	80	226	29	22
VERMILION RIVER NO.3	2C20	1570	26-Dec	70	141*	136	96%*	184	76	184	76	7
WEASEL DIVIDE	MT02	1660	27-Dec	124	357*	292	82%*	328	259	691	162	22
BANFIELD MOUNTAIN	MT05P	1710	01-Jan		188*	203	108%*	226	145	340	112	10
MOUNT JOFFRE	2C16	1750	31-Dec	56	180	152	84%	161	73	364	73	20
MORRISSEY RIDGE	2C09Q	1800	01-Jan		331	262	79%	259	225	706	123	24
MOYIE MOUNTAIN	2C10P	1930	01-Jan		180	147	82%	229	158	354	76	28
HAWKINS LAKE	MT06P	1970	01-Jan		251*	272	108%*	320	193	419	145	10
THUNDER CREEK	2C17	2010	31-Dec	40	135	88	65%		114	276	61	22
FLOE LAKE	2C14	2090	31-Dec	140	425	418	98%	454	256	747	181	23
FLOE LAKE	2C14P	2090	01-Jan		363	386	106%	420	274	502	173	12
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27-Dec	59	219*	144	66%*	227	147	399	97	15
MOUNT ASSINIBOINE	2C15	2230	31-Dec	99	290	249	86%	303	199	567	111	24
SUNSHINE VILLAGE	AL05	2230			250*		*	375	239	389	137	11

## WEST KOOTENAY Drainage Basin

FERGUSON	2D02	880	28-Dec	128	275	301	109%	330	121	409	93	28
NELSON	2D04	930	27-Dec	71	175	143	82%	234	61	366	61	48
CHAR CREEK	2D06	1310	01-Jan	99	250	216	86%	274Z	200	480	110	24
BUNCHGRASS MEADOW	WA01P	1520	01-Jan		319*	315	99%*	259	259	488	218	10
KOCH CREEK	2B07	1860	07-Jan		365	N				452	170	15
MOUNT TEMPLEMAN	2D09	1860	31-Dec		530	N		570		902	277	18
EAST CREEK	2D08P	2030	01-Jan		470	562	120%	555	378	858	206	26
REDFISH CREEK	2D14P	2104	01-Jan		537*	713	133%*	721	401	721	401	6

## KETTLE Drainage Basin

FARRON	2B02A	1220	31-Dec	56	155	126	81%	193	152	330	40	23
MONASHEE PASS	2E01	1370	07-Jan	58	165	139	84%			239	84	24
GRANO CREEK	2E07P	1860	01-Jan		230*	191	83%*	289	210	315	143	10

## OKANAGAN Drainage Basin

SUMMERLAND RESERVOIR	2F02	1280	28-Dec	63	114	99	87%	153	81	198	42	44
TROUT CREEK	2F01	1430	02-Jan	43		91						0
BRENDA MINE	2F18P	1460	01-Jan		186	174	94%	208	142	304	100	13
GREYBACK RESERVOIR	2F08	1550	02-Jan	34	115	75	65%	104	82	181	56	25
ISINTOK LAKE	2F11	1680	31-Dec	30	86	52	60%	81	41	196	16	42
MISSION CREEK	2F05P	1780	01-Jan		215	191A	89%	203	154	364	104	37
GRAYSTOKE LAKE	2F04	1810			165*			122	96	278	96	4
MOUNT KOBAN	2F12	1810	29-Dec	40	144	72	50%	255	127	261	28	31
FREEZEOUT CREEK TRAIL	WA11	1070	01-Jan	71	132*	163	123%*	213	0T	259	0T	10
MISSEZULA MOUNTAIN	2G05	1550	05-Jan	44	100*	96	96%*	157	29	197	21	15
ISINTOK LAKE	2F11	1680	31-Dec	30	86	52	60%	81	41	196	16	42
BLACKWALL PEAK	2G03P	1940	01-Jan		397	398	100%	634	229	923	108	38
HARTS PASS	WA09	1980	29-Dec	213	547*	592	108%*	762		762	287	7
HARTS PASS	WA09P	1980	01-Jan		453*	500	110%*	719	353	737P	234	10

## SOUTH COASTAL Drainage Basin

PALISADE LAKE	3A09P	880			615*					785	337	5
DOG MOUNTAIN	3A10	1080	01-Jan	228	480	690	144%	734	198	897	96	21
GROUSE MOUNTAIN	3A01	1100	02-Jan	252	480	740	154%	750	266	878	24	27
ORCHID LAKE	3A19	1190	31-Dec	295	750	900	120%	1360		1360	202	24
ORCHID LAKE	3A19P	1190			745*			1306	380A	1306	243	21
UPPER SQUAMISH RIVER	3A25P	1340	01-Jan		730	671	92%	960	458	1072	454	16
NOSTETUKO RIVER	3A22P	1500	01-Jan		255*	264A	104%*	522	109	524	32	16
UPPER MOSELY CREEK	3A24P	1650	01-Jan		189*	188A	99%*	274	146	491	85	19

## VANCOUVER ISLAND Drainage Basin

ELK RIVER	3B04	270	31-Dec	37	70	112	160%	113	0	264	0	23
WOLF RIVER (LOWER)	3B19	640	31-Dec	113	100	282	282%	372	22	372	0	18
WOLF RIVER (MIDDLE)	3B18	1070	31-Dec	148	270	336	124%	578	118	590	0	19
FORBIDDEN PLATEAU	3B01	1130	07-Jan	380	630	1162	184%	1176	339	1287	0	25

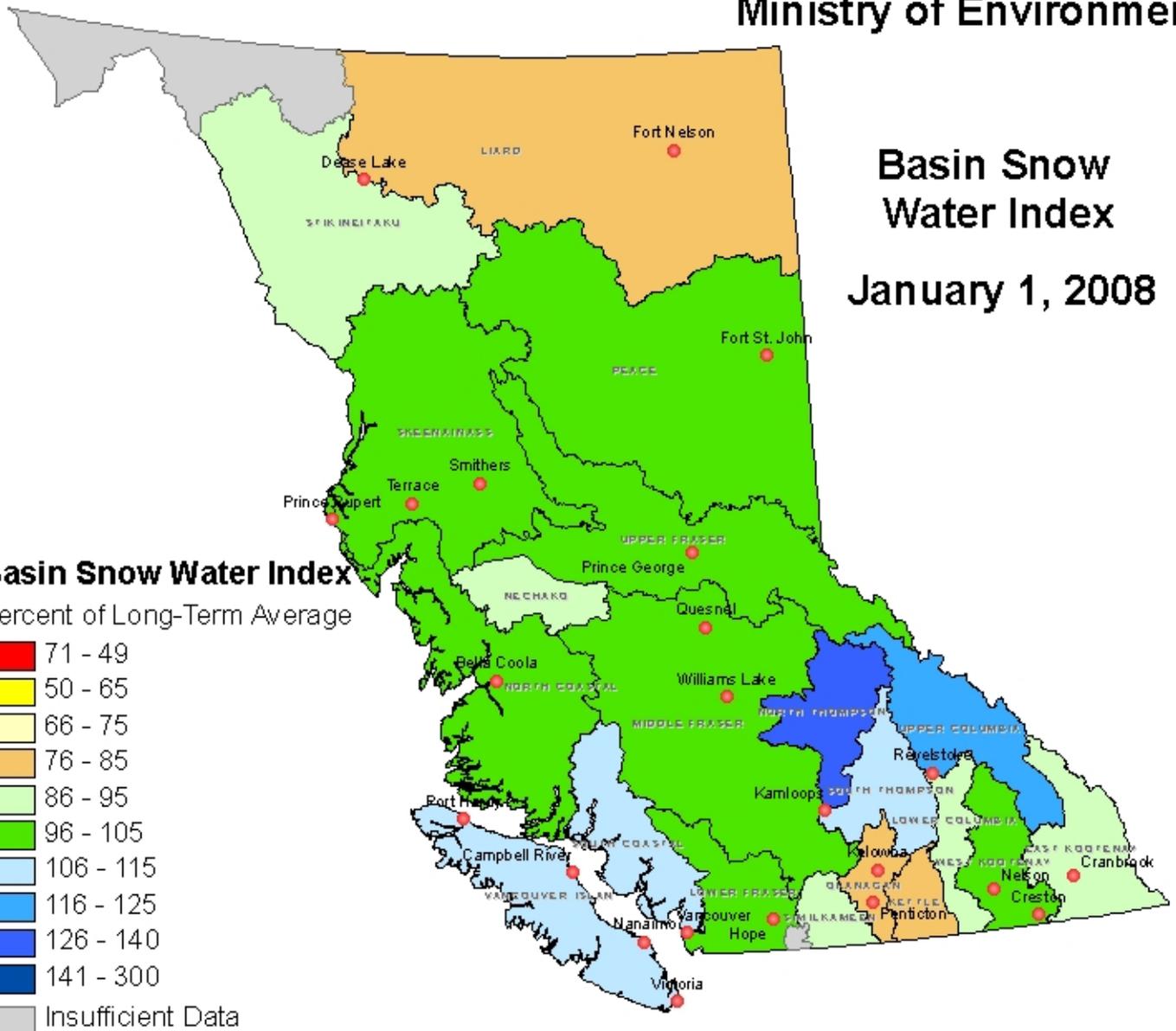
JUMP CREEK	3B23P	1160	01-Jan		428	499	117%	1024	94	1024	60	12
WOLF RIVER (UPPER)	3B17P	1490	01-Jan		595	594	100%	978	402	1057	150	19
NORTH COASTAL Drainage Basin												
TAHTSA LAKE	1B02P	1300	01-Jan		703	628	89%	1155	546	1155	369	15
BURNT BRIDGE CREEK	3C08P	1330	01-Jan		438*	484A	111%*	611	281	611	131	9
SKAGIT Drainage Basin												
FREEZEOUT CREEK TRAIL	WA11	1070	01-Jan	71	132*	163	123%*	213	0T	259	0T	10
BEAVER PASS	WA12	1120	31-Dec	152	310*	338	109%*	600A	137	615	109	11
KLESILKWA	3D03A	1130	07-Jan	60	185	144	78%	308	30A	386	0	17
HARTS PASS	WA09	1980	29-Dec	213	547*	592	108%*	762		762	287	7
HARTS PASS	WA09P	1980	01-Jan		453*	500	110%*	719	353	737P	234	10
PEACE Drainage Basin												
FORT ST. JOHN A	4A25	690			57			106	0	134	0	32
PACIFIC LAKE	1A11	770	02-Jan	133	310	306	99%	473	107	476	56	24
BULLHEAD MOUNTAIN	4A28	790			54			126	0	126	0	24
WARE (LOWER)	4A04	980	04-Jan	57	100	106	106%	118	66	240	52	17
PHILIP LAKE	4A13	980	03-Jan	77	150	175	117%	288	48	288	48	25
AIKEN LAKE	4A30P	1040	01-Jan		138	116A	84%		71	262	71	18
TUTIZZI LAKE	4A06	1070	03-Jan	71	135	113	84%	200	72	200	72	17
TSAYDAYCHI LAKE	4A12	1160	03-Jan	104	215	248	115%	366	136	393	128	24
KAZA LAKE	1A12	1190	03-Jan	84	190	174	92%	220	108	371	108	22
PULPIT LAKE	4A09	1310	04-Jan	116	220	263	120%	289	163	398	130	19
PULPIT LAKE	4A09P	1310	01-Jan		242	262	108%	271	155	344	155	16
FREDRICKSON LAKE	4A10	1310	03-Jan	64	130	125	96%	150	88	250	54	18
PINE PASS	4A02P	1400	01-Jan		543	585	108%	628	405	1016	241	18
TRYGVE LAKE	4A11	1400	04-Jan		195	N		276	167	299	126	20
SIKANNI LAKE	4C01	1400	04-Jan	68	145	137	94%	188	74	257	44	24
PINE PASS	4A02	1430	02-Jan	260	620	742	120%		521	988	314	24
MORFEE MOUNTAIN	4A16	1450	02-Jan	162	450	480	107%	555	199	710	199	12
LADY LAURIER LAKE	4A07	1460	06-Jan	137	270	343	127%	443	196	472	140	23
MOUNT SHEBA	4A18	1490	02-Jan	166	400	494	124%	766	234	793	106	19
GERMANSEN (UPPER)	4A05	1500	03-Jan		194	N		273	93	364	93	25
MOUNT STEARNS	4A21	1500	04-Jan	40	80	72	90%	136	14	151	14	18
JOHANSON LAKE	4B02	1540	03-Jan	73	160	134	84%	213	84	282	84	24
MONKMAN CREEK	4A20	1550	02-Jan		270	N			107	546	107	14

WARE (UPPER)	4A03	1570	04-Jan	68	145	153	106%	190	86	248	64	18
KWADACHA RIVER	4A27P	1620	01-Jan		173*	176	102%*	176	139	307	86	21
SKEENA/NASS Drainage Basin												
TERRACE A	4B13A	180	01-Jan		74*	N		195	0	195	0	25
GRANDUC MINE	4B12P	790	01-Jan		863*	631A	73%*			1065	656	4
CEDAR-KITEEN	4B18P	885	01-Jan		292*	319	109%*	462	161	521	83	7
KAZA LAKE	1A12	1190	03-Jan	84	190	174	92%	220	108	371	108	22
LU LAKE	4B15P	1310	01-Jan		131*	161	123%*	289	105	289	41	10
TSAI CREEK	4B17P	1360	01-Jan		578*	694	120%*	908	461	908	390	9
TRYGVE LAKE	4A11	1400	04-Jan		195	N		276	167	299	126	20
HUDSON BAY MTN.	4B03A	1480	31-Dec	108	283	291	103%	360	172	470	135	32
SHEDIN CREEK	4B16P	1480	01-Jan		416*	443	106%*	398	311	551	266	11
JOHANSON LAKE	4B02	1540	03-Jan	73	160	134	84%	213	84	282	84	24
LIARD Drainage Basin												
FORT NELSON A	4C05	380	01-Jan	23	59	33	56%	59	15	112	15	40
DEASE LAKE	4C03	820	02-Jan	32	71	41	58%	66	44	150	20	40
DEADWOOD RIVER	4C09P	1300	01-Jan		73*	N		101	15	211	15	12
SIKANNI LAKE	4C01	1400	04-Jan	68	145	137	94%	188	74	257	44	24
STIKINE/TAKU Drainage Basin												
DEASE LAKE	4C03	820	02-Jan	32	71	41	58%	66	44	150	20	40
KINASKAN LAKE	4D11P	1020	01-Jan		195*	127A	65%*	266	120	378	104	16
TUMEKA CREEK	4D10P	1220	01-Jan		333*	N		353		591	180	14

## UPPER and MIDDLE FRASER

# River Forecast Centre Ministry of Environment

## Basin Snow Water Index January 1, 2008



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- [Province-Wide Synopsis](#)
- [Basin Snow Water Index Map](#)

## Basin Data and Graphs

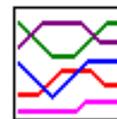
- [Upper Fraser](#)
- [Mid and Lower](#)
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## Snowpack and Water Supply Outlook for British Columbia

February 1, 2008

**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



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

The February 1st snow survey is now complete. Data from 111 snow courses and 57 snow pillows around the province, with 11 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

### Snowpack

Basin snow water indices across B.C. are variable, ranging from lows of 76 per cent of normal in the Similkameen and 85 percent of normal in the Okanagan and Kettle, to greater than 130 per cent of normal along the south coast, and Vancouver Island.

The Thompson River is the only major river basin with above normal snowpacks. The North Thompson is above 120 percent of normal, while the South Thompson is near 110 per cent.

Much of the rest of the Interior has near normal snowpacks (90 to 110 per cent), including the Skeena, Nass, Peace, Nechako, Upper Fraser, Middle Fraser, Quesnel Highlands, Columbia, and Kootenay.

Low and mid elevation snow throughout the coast and interior is well developed, following the generally wet and cool December, and the cold January.

### Weather

Weather during the early part of the winter was variable. October was generally wetter than average while November was generally drier than average (except for the Upper Fraser and Nechako areas). December has been cool and wet for much of B.C., with near or above normal snowfall and below normal temperatures. Weather from early December to early January was dominated by a conveyor belt of Pacific frontal systems pushing through B.C. The first major front in early December was warm, producing heavy rain and snowmelt along the coast. This system also brought heavy snowfall into some portions of the interior. Subsequent storm systems in December were dominated by cold fronts, producing snow to low elevations.

However, since early January the weather was dominated by a cold, higher pressure system that over-rode the north and central interior. This produced generally colder and drier than normal conditions for most of B.C. Snowpacks throughout the mountains of B.C. have continued to build over the past month, but generally at below normal rates. As a result, basin snow water indices declined slightly in many areas over the last month.

## Outlook

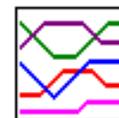
By Feb. 1, on average, about two-thirds of the peak snowpack for the year has accumulated. The near normal snow accumulation provides a favourable outlook for spring and summer streamflow and water supply. The River Forecast Centre is forecasting near normal spring runoff in many basins across most of B.C.

However, the well below normal snow conditions in the Okanagan, Kettle and Similkameen basins of the south central interior suggests the possibility for below normal streamflow and water supply in those areas this summer.

The above normal snowpack in the Thompson River basin results in potential for higher than normal spring runoff, during May and June. This may change over the next two months, depending on the amount of additional snowfall that occurs during the remainder of the winter.

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### Upper Fraser & Nechako Basins



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### February 1

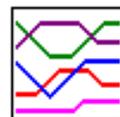
The snow water index for the Upper Fraser is 100% of normal for February 1st. Low and mid elevation snow is generally near normal (e.g., Prince George A = 94%, Burns Lake = 113%, Bird Creek = 127%), while high elevation snow is slightly below normal. The high elevation Upper Fraser snow pillows are averaging 86% of normal.

The Nechako snow water index is 95% of normal, unchanged from Jan 1st (and well below last year's level of 167%). The Mount Pondosy (1B08P), Mount Wells (1B01P) and Tahtsa Lake (1B02P) snow pillows are all 83-92% of normal. The Skins Lake snow course (1B05) is 109%, reduced substantially from 145% and Jan 1st.

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## Middle and Lower Fraser



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### February 1

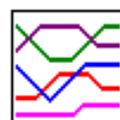
The Middle Fraser has a February 1st snow water index of 98% of normal. The Chilcotin and Fraser Plateau areas appear to have below normal snow (e.g., Nazko (1C08) = 88%, Big Creek (1C21) = 58%). Southern portions of the Middle Fraser are above normal (e.g., Green Mountain (1C12P) = 112%).

Following a cool and wet December and the cold January, the Lower Fraser snow water index for February 1st is 114% of normal, increased from 105% at Jan 1st. Wolverine Creek (1D13) is 120%, while the Chilliwack River (1D17P), Great Bear (1D15P) and Tenquille Lake (1D06P) snow pillows are 98%, 99%, and 106%, respectively. The Dog Mountain (3A10) snow course is at a new record for the date, at 168% of normal.

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## Thompson Basin



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### February 1

The Thompson River basin has above normal snow water conditions at February 1st. The North Thompson snow water index is 122% of normal, while the South Thompson index is 107%. Low elevation snow appears to be near or slightly above normal for the date, reflecting the cold weather of the past 6-7 weeks. In both basins, basin snow water indices dropped in value from Jan 1st, reflecting the colder and drier than normal weather.

In the North Thompson basin, the Adams River (1E07) snow course is 119% of normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 111% and 113%, respectively.

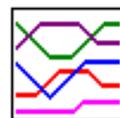
In the South Thompson basin, Enderby (1F04) is 102% of normal. The Park Mountain (1F03P) snow pillow is 90%. The Celistia Mountain (1F06P) snow pillow located north of Shuswap Lake is estimated to be near 90% of normal.

In the Nicola basin, Lac Le Jeune Upper (1C25) is 88% of normal, a substantial increase from 61% at Jan 1st.

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## Columbia Basin



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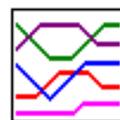
### February 1

The Columbia basin snow index is 109% of normal, reduced from 116% at Jan 1st., The Upper Columbia tends to have better snow conditions than the Lower Columbia. For the Upper Columbia, most snow courses are in the 95-115% of normal range, with a low of 81% for Canoe River (2A01A) and a high of 123% for Goldstream (2A16). For the Lower Columbia, most snow courses are in the 80-95% range, with a low of 79% for Farron (2B02A) and a high of 95% for the Record Mountain (2B09).

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## Kootenay Basin



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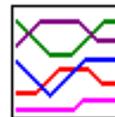
### February 1

Cranbrook, the Kootenay indicator climate station, received 108% of normal precipitation from November to January. The overall Kootenay snow water index is 93% of normal, a slight drop from Jan 1st. For the East Kootenay, values for individual snow survey sites range from a low of 75% at Thunder Creek (2C17) to a high of 114% at the Moyie Mountain snow pillow (2C10P). For the West Kootenay values are higher, with 97% at Nelson (2D04) and 108% at East Creek (2D08P). Low elevation snow is above normal in the West Kootenay but below normal in the East Kootenay.

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## Okanagan, Kettle, and Similkameen Basins



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### February 1

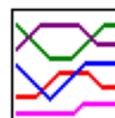
The overall February 1 snow water index of 85% for the Okanagan-Kettle is well below normal. Some snow courses are very low, including Oyama Lake (2F19) at 64%, and Isintok Lake (2F11) at 59%. Mount Kobau (2F12) in the far south Okanagan is 77% of normal, an improvement from 50% at Jan 1st. The Brenda Mine (2F18P) snow pillow on the west side of the Okanagan valley is 94%. The Mission Creek (2F05P) snow pillow east of Kelowna is 79% of normal. The only measurement site that is above normal is Silver Star (2F10) at 108%.

In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 85% and Big White (2E03) is 73%.

Western portions of the Similkameen valley have slightly below normal snow conditions while eastern portions appear to be well below normal (similar to adjacent areas of the southern Okanagan) The overall February 1st snow water index is 76% of normal, reduced significantly from 89% at Jan 1st. The Blackwall Peak (2G03P) snow pillow is currently 95%. Lost Horse Mtn (2G04) and Missezula Mtn (2G05) are 46% and 69%, respectively.

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## Vancouver Island & Coastal Regions



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Graphs](#)



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### February 1

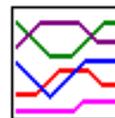
Snow packs on the Vancouver Island and Coastal regions are well above normal as of February 1st, and have increased significantly from January 1st. The Vancouver Island snow water index is 141% of normal (111% at Jan 1st), while the South Coast index is 133% of normal (113% at Jan 1st). On Vancouver Island, the Jump Creek (3B23P) snow pillow is 161% of normal, and the Forbidden Plateau (3B01) snow course is 157%. With the cold weather for the past 6-7 weeks, low elevation snow on Vancouver Island is particularly well developed. Elk River (3B04) at 270 metres elevation is 248% of normal.

On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses are 152% and 168%, respectively. The Upper Squamish (3A25P) snow pillow is 113% of normal. Callaghan Creek (3A20), a 2010 Olympic venue location, is 125% of normal.

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## North East Region



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### February 1

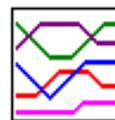
Precipitation in the Peace has been above normal for November, December and January, and, so, snow accumulations have been generally greater than normal. The snow water index for the Peace River basin is 108% of normal at February 1st, increased from 102% at January 1st, but well below last year's level of 139%. Individual snow survey sites ranging from a low of 67% at Monkman Creek (4A20) to a high of 114% at Pine Pass (4A02).

Precipitation in the Liard River basin was below normal during November and December. For the Liard basin, snow water equivalencies range between 61% and 102%, with a basin average of 85%.

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## North West Region



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### February 1

The Skeena/Nass basins have a snow water index of 95% of normal for February 1st, reduced from 103% at January 1st. For the three snow courses with the longest periods of record, Hudson Bay Mountain (4B03A), located near Smithers, is 98%, Johanson Lake (4B02), located in the north-east corner of the basin, is 89%, and Kidprice Lake (4B01) is 90%. The Lu Lake (4B15P) and Tsai Creek (4B17P) snow pillows are 106% and 107% of normal, respectively. Western portions of the Skeena basin appear to have a lot of snow, with Terrace A (4B13A) at 161% of normal.

Based on a very limited survey, the Stikine basin appears to be below normal. The Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 62% and 105% of normal, respectively. Iskut (4D02) is 63% of normal.



[Go to Upper Fraser Snow Station Map](#)

# UPPER and MIDDLE FRASER

*February 1, 2008*

## 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
					2008	2007	2006	Max.	Min.	Normal	
PRINCE GEORGE A	1A10	690	31	38	72	101	13	156	0T	70	45
PACIFIC LAKE	1A11	770	02	133	306	473	107	476	56	310	24
BURNS LAKE	1A16	800	01	62	114	192	22	192	10	77	33
PHILIP LAKE	4A13	980	03	77	175	288	48	288	48	150	25
HEDRICK LAKE	1A14P	1100	Not Measured			394	173	503	139	315*	8
HEDRICK LAKE	1A14	1100	02	146	389	-	162	640	94	335	16
KAZA LAKE	1A12	1190	03	84	174	220	108	371	108	190	22
MOUNT SHEBA	4A18	1490	02	166	494	766	234	793	106	400	19
BARKERVILLE	1A03P	1520	01	-	128A	158	38	312	38	168	27
KNUDSEN LAKE	1A15	1580	Not Measured			-	251	821	125	410	17
MCBRIDE UPPER	1A02P	1620	01	-	184	270	-	270	270	270*	1

REVOLUTION CREEK	1A17P	1690	01	-	365A	394	261	814	191	415	23
LONGWORTH (UPPER)	1A05	1740	02	170	526	506	216	694	114	350	17
YELLOWHEAD	1A01P	1860	01	-	278	349	221	428	184	340	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

## 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
					2008	2007	2006	Max.	Min.	Normal	
SKINS LAKE	1B05	880	02	44	94	127	32	127	0	65	22
TAHTSA LAKE	1B02P	1300	01	-	628	1155	546	1155	369	703	15
MOUNT PONDOSY	1B08P	1400	01	-	399	683	396	686	204	451	14
MOUNT WELLS	1B01P	1490	01	-	293	518	239	518	131	328	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
					2008	2007	2006	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	29	16	28	60	24	106	0	40	35
NAZKO	1C08	1070	27	25	45	58	20	84	0	55	22
BIG CREEK	1C21	1140	29	12	17	20	20	62	10	36	21
BRIDGE GLACIER (LOWER)	1C39	1400	07	150	328	-	200	456	200	300*	12
BRALORNE	1C14	1450	07	45	97	-	33	158	33	90	12
LAC LE JEUNE (UPPER)	1C25	1460	27	28	46	124	66	146	10	75	35
BRENDA MINE	2F18P	1460	01	-	174	208	142	304	100	186	13
BOSS MOUNTAIN MINE	1C20P	1460	01	-	394	315	218	461	184	320	14
BARKERVILLE	1A03P	1520	01	-	128A	158	38	312	38	168	27
YANKS PEAK EAST	1C41P	1670	01	-	484	413	281	491	199	422	11
GREEN MOUNTAIN	1C12P	1780	01	-	491	750	357	750	268	440	14
MCGILLIVRAY PASS	1C05	1800	Not Measured			-	203	458	191	260	14
MISSION RIDGE	1C18P	1850	01	-	246	432	168	659	148	272	21
DOWNTON LAKE (UPPER)	1C38	1890	07	208	600	-	316	690	272	425	12
TYAUGHTON CREEK (NORTH)	1C40	1950	07	109	280	-	132	364	132	175	11
BRALORNE (UPPER)	1C37	1980	07	137	338	-	206	504	195	368	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



[Go to Lower Fraser Snow Station Map](#)

## MIDDLE and LOWER FRASER

*February 1, 2008*

### 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
					2008	2007	2006	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	29	16	28	60	24	106	0	40	35
NAZKO	1C08	1070	27	25	45	58	20	84	0	55	22
BIG CREEK	1C21	1140	29	12	17	20	20	62	10	36	21
BRIDGE GLACIER (LOWER)	1C39	1400	07	150	328	-	200	456	200	300*	12
BRALORNE	1C14	1450	07	45	97	-	33	158	33	90	12
LAC LE JEUNE (UPPER)	1C25	1460	27	28	46	124	66	146	10	75	35
BRENDA MINE	2F18P	1460	01	-	174	208	142	304	100	186	13
BOSS MOUNTAIN MINE	1C20P	1460	01	-	394	315	218	461	184	320	14
BARKERVILLE	1A03P	1520	01	-	128A	158	38	312	38	168	27
YANKS PEAK EAST	1C41P	1670	01	-	484	413	281	491	199	422	11
GREEN MOUNTAIN	1C12P	1780	01	-	491	750	357	750	268	440	14

MCGILLIVRAY PASS	1C05	1800	Not Measured			-	203	458	191	260	14
MISSION RIDGE	1C18P	1850	01	-	246	432	168	659	148	272	21
DOWNTON LAKE (UPPER)	1C38	1890	07	208	600	-	316	690	272	425	12
TYAUGHTON CREEK (NORTH)	1C40	1950	07	109	280	-	132	364	132	175	11
BRALORNE (UPPER)	1C37	1980	07	137	338	-	206	504	195	368	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 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
					2008	2007	2006	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	31	44	92	52	4	193	0	64*	31
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			1200P	-	1304	355P	793*	7
DICKSON LAKE	1D16	1070	Not Measured			1196	-	1196	274	715*	14
DOG MOUNTAIN	3A10	1080	01	228	690	734	198	897	96	480	21
BEAVER PASS	WA12	1120	31	152	338	600A	137	615	109	310*	11
KLESILKWA	3D03A	1130	07	60	144	308	30A	386	0	185	17
SPUZZUM CREEK	1D19P	1180	01	-	664	1231	439	1231	326	655*	9
STAVE LAKE	1D08	1210	Not Measured			-	457	976	112	630	16
WAHLEACH LAKE	1D09	1400	Not Measured			345	160	417	46	260	21
WAHLEACH LAKE	1D09P	1400	01	-	448	634	300	777	235	520	15

NAHATLATCH RIVER	1D10	1520	Not Measured			852	-	975	219	600	14
EASY PASS	WA13	1580	Not Available			-	-	1651	229	755*	20
CHILLIWACK RIVER	1D17P	1600	01	-	675	949	439	1165	383	658*	15
GREAT BEAR	1D15P	1660	01	-	791	1058	476	1058	424	808	14
TENQUILLE LAKE	1D06P	1680	01	-	544	780	364	780	285	459*	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

## 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
					2008	2007	2006	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	01	71	163	213	0T	259	0T	132*	10
BEAVER PASS	WA12	1120	31	152	338	600A	137	615	109	310*	11
KLESILKWA	3D03A	1130	07	60	144	308	30A	386	0	185	17
HARTS PASS	WA09	1980	29	213	592	762	-	762	287	547*	7
HARTS PASS	WA09P	1980	01	-	500	719	353	737P	234	453*	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



[Go to Thompson Snow Station Map](#)

# THOMPSON

*February 1, 2008*

## 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
					2008	2007	2006	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	29	75	157	190	58	263	50	160	21
COOK CREEK	1E14P	1280	01	-	240	319	191	338	101	239*	7
BOSS MOUNTAIN MINE	1C20P	1460	01	-	394	315	218	461	184	320	14
MOUNT COOK	1E02P	1550	01	-	881	638	461	694	439	560*	6
AZURE RIVER	1E08P	1620	01	-	713	676	555	780	356	620	11
KOSTAL LAKE	1E10P	1770	01	-	551	401	378	590	271	453	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

**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
					2008	2007	2006	Max.	Min.	Normal	
MONASHEE PASS	2E01	1370	07	58	139	-	-	239	84	165	24
CELISTA	1F06P	1550	01	-	446	555	-	555	450	503*	2
KIRBYVILLE LAKE	2A25	1750	27	230	706	737	522	854	351	620	23
PARK MOUNTAIN	1F03P	1890	Not Measured			390	345	632	256	427	22
ENDERBY	1F04	1900	31	226	586	581	507	742	292	495	32
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

**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
					2008	2007	2006	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	29	16	28	60	24	106	0	40	35
NAZKO	1C08	1070	27	25	45	58	20	84	0	55	22
BIG CREEK	1C21	1140	29	12	17	20	20	62	10	36	21
BRIDGE GLACIER (LOWER)	1C39	1400	07	150	328	-	200	456	200	300*	12

BRALORNE	1C14	1450	07	45	97	-	33	158	33	90	12
LAC LE JEUNE (UPPER)	1C25	1460	27	28	46	124	66	146	10	75	35
BRENDA MINE	2F18P	1460	01	-	174	208	142	304	100	186	13
BOSS MOUNTAIN MINE	1C20P	1460	01	-	394	315	218	461	184	320	14
BARKERVILLE	1A03P	1520	01	-	128A	158	38	312	38	168	27
YANKS PEAK EAST	1C41P	1670	01	-	484	413	281	491	199	422	11
GREEN MOUNTAIN	1C12P	1780	01	-	491	750	357	750	268	440	14
MCGILLIVRAY PASS	1C05	1800	Not Measured			-	203	458	191	260	14
MISSION RIDGE	1C18P	1850	01	-	246	432	168	659	148	272	21
DOWNTON LAKE (UPPER)	1C38	1890	07	208	600	-	316	690	272	425	12
TYAUGHTON CREEK (NORTH)	1C40	1950	07	109	280	-	132	364	132	175	11
BRALORNE (UPPER)	1C37	1980	07	137	338	-	206	504	195	368	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



[Go to Columbia Snow Station Map](#)

# COLUMBIA

*February 1, 2008*

## 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
					2008	2007	2006	Max.	Min.	Normal	
DOWNIE SLIDE (LOWER)	2A27	980	27	129	340	-	-	504	166	320	20
GLACIER	2A02	1250	01	125	347	409	186	519	147	328	37
VERMONT CREEK	2A19	1520	31	86	242	286	107	328	91	230	23
AZURE RIVER	1E08P	1620	01	-	713	676	555	780	356	620	11
DOWNIE SLIDE (UPPER)	2A29	1630	Not Measured			-	-	1022	370	690	20
KICKING HORSE	2A07	1650	31	69	145	191	97	257	66	175	28
KIRBYVILLE LAKE	2A25	1750	27	230	706	737	522	854	351	620	23
MOUNT REVELSTOKE	2A06P	1830	Not Measured			735	439	835	317	599	14
FIDELITY MOUNTAIN	2A17	1870	28	252	772	737	447	1228	334	617	33

BEAVERFOOT	2A11	1890	31	46	120	142	52	215	52	120	23
KEYSTONE CREEK	2A18	1890	27	160	466	492	299	577	217	400	23
GOLDSTREAM	2A16	1920	27	257	784	671	497	906	355	598	23
BUSH RIVER	2A23	1920	27	154	476	610	338	722	216	442	23
MOUNT ABBOT	2A14	1980	30	242	756	751	538	1065	298	615	23
MOLSON CREEK	2A21P	1980	01	-	690	754	510	1072	318	558	27
SUNBEAM LAKE	2A22	2010	27	170	514	617	410	767	243	475	23

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LOWER COLUMBIA

### Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2008	2007	2006	Max.	Min.	Normal	
FERGUSON	2D02	880	28	128	301	330	121	409	93	275	28
FARRON	2B02A	1220	31	56	126	193	152	330	40	155	23
MONASHEE PASS	2E01	1370	07	58	139	-	-	239	84	165	24
WHATSHAN (UPPER)	2B05	1480	07	113	267	-	-	543	169	340	19
BARNES CREEK	2B06P	1620	Not Measured			229	169	409	158	278	15
BARNES CREEK	2B06	1620	07	101	237	-	-	376	146	260	19

ST. LEON CREEK	2B08	1800	Not Measured			-	-	1164	325	613	17
ST. LEON CREEK	2B08P	1800	01	-	532	555	311	637	221	569	11
KOCH CREEK	2B07	1860	Not Measured			-	-	452	170	365	15
RECORD MOUNTAIN	2B09	1890	03	111	240	419	364	538	134	320	22
EAST CREEK	2D08P	2030	01	-	562	555	378	858	206	470	26

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



[Go to Columbia Snow Station Map](#)

# KOOTENAY

*February 1, 2008*

## 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
					2008	2007	2006	Max.	Min.	Normal	
FERNIE EAST	2C07	1250	31	58	114	179	82	330	28	142	32
SULLIVAN MINE	2C04	1550	28	58	108	178	80	226	29	138	22
VERMILION RIVER NO. 3	2C20	1571	26	70	136	184	76	184	76	141*	7
WEASEL DIVIDE	MT02	1660	27	124	292	328	259	691	162	357*	22
BANFIELD MOUNTAIN	MT05P	1710	01	-	203	226	145	340	112	188*	10
MOUNT JOFFRE	2C16	1750	31	56	152	161	73	364	73	180	20
MORRISSEY RIDGE	2C09Q	1800	01	-	262	259	225	706	123	331	24
MOYIE MOUNTAIN	2C10P	1930	01	-	147	229	158	354	76	180	28
HAWKINS LAKE	MT06P	1970	01	-	272	320	193	419	145	251*	10

FLOE LAKE	2C14P	2090	01	-	386	420	274	502	173	363	12
FLOE LAKE	2C14	2090	31	140	418	454	256	747	181	425	23
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27	59	144	227	147	399	97	219*	15
SUNSHINE VILLAGE	AL05	2230	Not Available			375	239	389	137	250*	11
MOUNT ASSINIBOINE	2C15	2230	31	99	249	303	199	567	111	290	24

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
					2008	2007	2006	Max.	Min.	Normal	
FERGUSON	2D02	880	28	128	301	330	121	409	93	275	28
NELSON	2D04	930	27	71	143	234	61	366	61	175	48
CHAR CREEK	2D06	1310	01	99	216	274Z	200	480	110	250	24
BUNCHGRASS MEADOW	WA01P	1520	01	-	315	259	259	488	218	319*	10
KOCH CREEK	2B07	1860	Not Measured			-	-	452	170	365	15
MOUNT TEMPLEMAN	2D09	1860	Not Measured			570	-	902	277	530	18
EAST CREEK	2D08P	2030	01	-	562	555	378	858	206	470	26
REDFISH CREEK	2D14P	2104	01	-	713	721	401	721	401	537*	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**

[Go to Okanagan Snow Station Map](#)**KETTLE, OKANAGAN and SIMILKAMEEN***February 1, 2008***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
					2008	2007	2006	Max.	Min.	Normal	
FARRON	2B02A	1220	31	56	126	193	152	330	40	155	23
MONASHEE PASS	2E01	1370	07	58	139	-	-	239	84	165	24
GRANO CREEK	2E07P	1860	01	-	191	289	210	315	143	230*	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

**OKANAGAN****Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2008	2007	2006	Max.	Min.	Normal	No. Years Record
SUMMERLAND RESERVOIR	2F02	1280	28	63	99	153	81	198	42	114	44
TROUT CREEK	2F01	1430	02	43	91	-	-	-	-	-	0
BRENDA MINE	2F18P	1460	01	-	174	208	142	304	100	186	13
GREYBACK RESERVOIR	2F08	1550	02	34	75	104	82	181	56	115	25
ISINTOK LAKE	2F11	1680	31	30	52	81	41	196	16	86	42
MISSION CREEK	2F05P	1780	01	-	191A	203	154	364	104	215	37
GRAYSTOKE LAKE	2F04	1810	Not Available			122	96	278	96	165*	4
MOUNT KOBAN	2F12	1810	29	40	72	255	127	261	28	144	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

## 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
					2008	2007	2006	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	01	71	163	213	0T	259	0T	132*	10
MISSEZULA MOUNTAIN	2G05	1550	05	44	96	157	29	197	21	100*	15
ISINTOK LAKE	2F11	1680	31	30	52	81	41	196	16	86	42

BLACKWALL PEAK	2G03P	1940	01	-	398	634	229	923	108	397	38
HARTS PASS	WA09	1980	29	213	592	762	-	762	287	547*	7
HARTS PASS	WA09P	1980	01	-	500	719	353	737P	234	453*	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



[Go to Coastal B.C. Snow Station Map](#)

# COASTAL

*February 1, 2008*

## 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
					2008	2007	2006	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		-	-	785	337	615*	5	
DOG MOUNTAIN	3A10	1080	01	228	690	734	198	897	96	480	21
GROUSE MOUNTAIN	3A01	1100	02	252	740	750	266	878	24	480	27
ORCHID LAKE	3A19	1190	31	295	900	1360	-	1360	202	750	24
ORCHID LAKE	3A19P	1190	Not Available		1306	380A	1306	243	745*	21	
UPPER SQUAMISH RIVER	3A25P	1340	01	-	671	960	458	1072	454	730	16
NOSTETUKO RIVER	3A22P	1500	01	-	264A	522	109	524	32	255*	16
UPPER MOSELY CREEK	3A24P	1650	01	-	188A	274	146	491	85	189*	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

**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
					2008	2007	2006	Max.	Min.	Normal	
ELK RIVER	3B04	270	31	37	112	113	0	264	0	70	23
WOLF RIVER (LOWER)	3B19	640	31	113	282	372	22	372	0	100	18
WOLF RIVER (MIDDLE)	3B18	1070	31	148	336	578	118	590	0	270	19
FORBIDDEN PLATEAU	3B01	1130	07	380	1162	1176	339	1287	0	630	25
JUMP CREEK	3B23P	1160	01	-	499	1024	94	1024	60	428	12
WOLF RIVER (UPPER)	3B17P	1490	01	-	594	978	402	1057	150	595	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

**NORTH COASTAL****Snow Survey Measurements**

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2008	2007	2006	Max.	Min.	Normal	No. Years Record
TAHTSA LAKE	1B02P	1300	01	-	628	1155	546	1155	369	703	15
BURNT BRIDGE CREEK	3C08P	1330	01	-	484A	611	281	611	131	438*	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



[Go to Northeast Snow Station Map](#)

## NORTH EAST

*February 1, 2008*

### 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
					2008	2007	2006	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	Not Available		106	0	134	0	57	32	
PACIFIC LAKE	1A11	770	02	133	306	473	107	476	56	310	24
BULLHEAD MOUNTAIN	4A28	790	Not Available		126	0	126	0	54	24	
WARE (LOWER)	4A04	980	04	57	106	118	66	240	52	100	17
PHILIP LAKE	4A13	980	03	77	175	288	48	288	48	150	25
AIKEN LAKE	4A30P	1040	01	-	116A	-	71	262	71	138	18
TUTIZZI LAKE	4A06	1070	03	71	113	200	72	200	72	135	17
TSAYDAYCHI LAKE	4A12	1160	03	104	248	366	136	393	128	215	24
KAZA LAKE	1A12	1190	03	84	174	220	108	371	108	190	22
PULPIT LAKE	4A09	1310	04	116	263	289	163	398	130	220	19
FREDRICKSON LAKE	4A10	1310	03	64	125	150	88	250	54	130	18
PULPIT LAKE	4A09P	1310	01	-	262	271	155	344	155	242	16

TRYGVE LAKE	4A11	1400	Not Measured			276	167	299	126	195	20
SIKANNI LAKE	4C01	1400	04	68	137	188	74	257	44	145	24
PINE PASS	4A02P	1400	01	-	585	628	405	1016	241	543	18
PINE PASS	4A02	1430	02	260	742	-	521	988	314	620	24
MORFEE MOUNTAIN	4A16	1450	02	162	480	555	199	710	199	450	12
LADY LAURIER LAKE	4A07	1460	06	137	343	443	196	472	140	270	23
MOUNT SHEBA	4A18	1490	02	166	494	766	234	793	106	400	19
MOUNT STEARNS	4A21	1500	04	40	72	136	14	151	14	80	18
GERMANSEN (UPPER)	4A05	1500	Not Measured			273	93	364	93	194	25
JOHANSON LAKE	4B02	1540	03	73	134	213	84	282	84	160	24
MONKMAN CREEK	4A20	1550	Not Measured			-	107	546	107	270	14
WARE (UPPER)	4A03	1570	04	68	153	190	86	248	64	145	18
KWADACHA RIVER	4A27P	1620	01	-	176	176	139	307	86	173*	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## 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
					2008	2007	2006	Max.	Min.	Normal	

FORT NELSON A	4C05	380	01	23	33	59	15	112	15	59	40
DEASE LAKE	4C03	820	02	32	41	66	44	150	20	71	40
DEADWOOD RIVER	4C09P	1300	Not Measured			101	15	211	15	73*	12
SIKANNI LAKE	4C01	1400	04	68	137	188	74	257	44	145	24

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



[Go to Northwest Snow Station Map](#)

## NORTH WEST

*February 1, 2008*

### 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
					2008	2007	2006	Max.	Min.	Normal	
DEASE LAKE	4C03	820	02	32	41	66	44	150	20	71	40
KINASKAN LAKE	4D11P	1020	01	-	127A	266	120	378	104	195*	16
TUMEKA CREEK	4D10P	1220	Not Measured			353	-	591	180	333*	14
WADE LAKE	4D14P	1370	01	-	201A	172	143	344	91	188*	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											

### 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
					2008	2007	2006	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
					2008	2007	2006	Max.	Min.	Normal	
TERRACE A	4B13A	180	Not Measured		195	0	195	0	74*	25	
GRANDUC MINE	4B12P	790	01	-	631A	-	-	1065	656	863*	4
CEDAR-KITEEN	4B18P	885	01	-	319	462	161	521	83	292*	7
KAZA LAKE	1A12	1190	03	84	174	220	108	371	108	190	22
LU LAKE	4B15P	1310	01	-	161	289	105	289	41	131*	10
TSAI CREEK	4B17P	1360	01	-	694	908	461	908	390	578*	9
TRYGVE LAKE	4A11	1400	Not Measured		276	167	299	126	195	20	
SHEDIN CREEK	4B16P	1480	01	-	443	398	311	551	266	416*	11
HUDSON BAY MTN.	4B03A	1480	31	108	291	360	172	470	135	283	32
JOHANSON LAKE	4B02	1540	03	73	134	213	84	282	84	160	24
A - SAMPLING PROBLEMS WERE ENCOUNTERED											

B - EARLY OR LATE SAMPLING

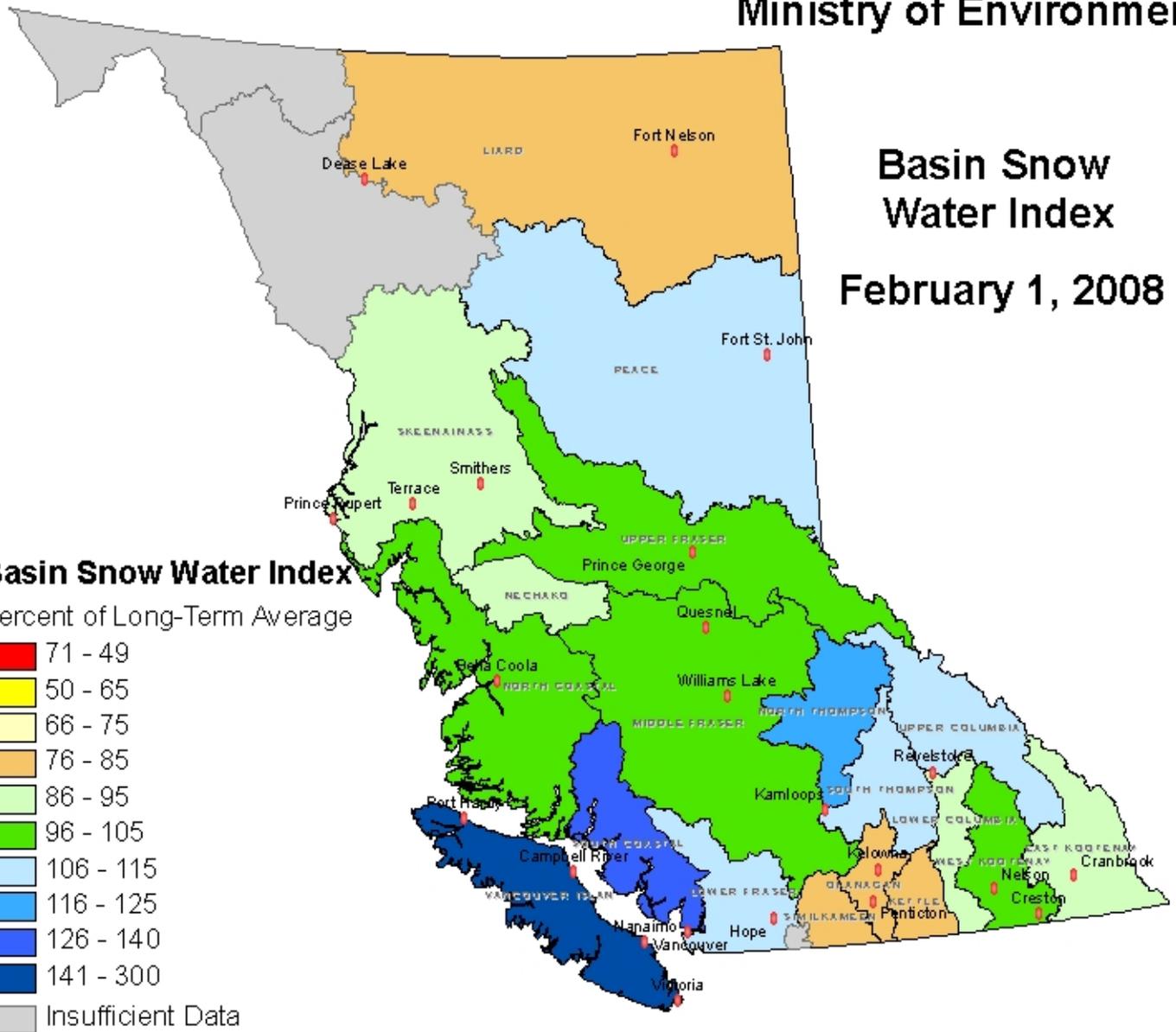
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

River Forecast Centre  
Ministry of Environment

Basin Snow  
Water Index  
February 1, 2008



## Contents

## Snowpack and Water Supply Outlook for British Columbia

March 1, 2007

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

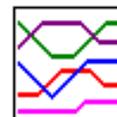
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- [Basin Snow Water Index Map](#)

### Basin Data and Graphs

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- [Mid and Lower](#)
- [Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
- [North East](#)
- [North West](#)
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- [2007 Survey schedule](#)
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### Province-wide Synopsis



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

The March 1st snow survey is now complete. Data from 159 snow courses and 59 snow pillows around the province, with 15 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

Following a series of intense Pacific frontal systems from late October to mid-January, snow fall eased to normal or slightly below normal rates over the past six weeks. However, because of the robust start to the winter, most river basins in B.C. have accumulated above or well above normal snow packs as of March 1st. These include new record high values for some of locations along the Mid Coast and North coast, as well as in the Skeena, Bulkley and Nechako basins. A few areas have near normal snowpacks (Okanagan, Kootenay). There are no areas of B.C. with below normal snowpacks. Based on the widespread heavy snow conditions across a range of elevations from valley bottom to mountain top, the River Forecast Centre is forecasting well above normal spring runoff in many basins, including the major Interior basins (the Fraser, Nechako, Thompson, Skeena, Peace, and others) and the potential for flooding in some areas. Although the flood risk has moderated over the past 6 weeks as a result of the easing of the snowfall, significant potential remains. Whether or nor flooding occurs will depend on a number of factors, including the amount of additional snowfall that occurs over the next two months, and weather during snowmelt in May and June.

### Current Snowpack

Basin snow water indices across B.C. are all at or above normal, ranging from

101% of normal in the Okanagan to 130-150% of normal along the coast and in north-central B.C. There are no major river basins in the province that have below normal snow packs. The South, Mid and North coast, Vancouver Island and the Lower Fraser are 135-145% of normal. These are generally the second highest basin snow indices recorded (with 1999 being the record year). In north-central B.C., the Nechako, Upper Fraser, Peace and Skeena are all in the 130-150% of normal range. A number of individual snow courses in these areas are at record high values for the date. Much of the rest of the Interior has well above normal snowpacks (110-130%), including the Middle Fraser, Quesnel Highlands, Similkameen, Columbia, Nicola/Coldwater and lower Fraser. The North Thompson and South Thompson are 114% and 110%, respectively. The least developed snowpacks in the province are in the Okanagan, Kettle and Kootenay. Snowpacks in this areas are near normal or slightly above normal for the date.

The Fraser River watershed snow index is 125% of normal. This is the 5th or 6th largest Fraser River snowpack measured since 1953, when detailed snow measurements began in the Fraser. The current year's snow is similar to that of 1972, but is well below the peak snow year of 1999.

A notable difference for the current snow conditions from the last decade is that low and mid elevation snow throughout the Interior is well developed. The Fraser basin low elevation snow index is currently about 130% of normal.

### **Weather**

A frontal storm pushed onto the north coast in late October, bringing very heavy snowfall to the Skeena and Nechako, and other areas in north-central B.C. Following that, November, December and early January experienced an ongoing series of frontal storms, each bringing moderate to heavy snow fall to high elevation areas along the coast, and snow throughout much of the Interior. From mid-January to March 1st, snow fall has been near or slightly below normal in most areas, except northern B.C. The Peace, Skeena, Liard and Stikine basins generally received greater than normal precipitation in February. The November-February four month total precipitation was above or well above normal almost everywhere in B.C., except for a few locations which were near normal.

### **Outlook**

By March 1st, on average, about 80% of the peak snowpack for the year has accumulated. The above normal snow accumulation provides a favourable outlook for spring and summer water supply. This is particularly significant for the Peace River and Nechako basins, and the Thompson-Nicola area, which experienced a significant drought in 2006.

The widespread heavy snow conditions in many regions and across all elevations results in the potential for flooding in May and June, as the snow melts. Whether or not flooding occurs depends on a number of factors, including:

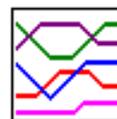
- The amount of additional snowfall that occurs during the remainder of the winter; and
- Weather during snowmelt in May and June.

The greatest risk for flooding results from above normal snowpacks combined with

well above normal temperatures and/or heavy rainfall during snowmelt in May and June. Areas of note include much of the B.C. Interior, including all of the Fraser River and its tributaries (from its headwater areas above Prince George to the Lower Mainland), the Thompson River, the Skeena & Bulkley rivers, along with rivers in the Nechako and Peace river basins. Vancouver Island and other coastal drainages are excluded, as they normally experience their high flows during fall and winter rain storms, not from spring snowmelt.

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## Upper Fraser & Nechako Basins



[Data  
Graphs](#)



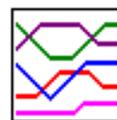
[Snow Survey Data  
Measurements](#)

### March 1

The snow water index for the Upper Fraser is 132% of normal for March 1st, a slight reduction from 135% at February 1st. Prince George received slightly below normal precipitation during February, but has received 119% of normal precipitation for the 4-month period of November-February. One of the notable characteristics this winter is that low elevation and valley bottom snow is very well developed. Low elevation snow is generally near 130% of normal in the Upper Fraser, while mid- and high-elevation snow is 120-160% of normal. Amongst the highest measurements in the Upper Fraser are: Bird Creek (1A23) - 176%; Burns Lake (1A16) - 175%; and McBride-Upper (1A02) - 143%.

The Nechako snow water index is 148% of normal, a decline from 167% at February 1st. The Mount Podosy (1B08P), Mount Wells (1B01P) and Tahtsa Lake (1B02P) snow pillows range between 134% and 159% of normal. The Nutli Lake snow course (1B07) is 160%, a new record high for March 1st. The Skins Lake snow course (1B05) is 164%. The Tahtsa Lake (1B02) snow course is 146%, a record high value for March 1st based on 55 years of measurement. Low elevation snow is well developed throughout the Nechako, and is near 150% of normal. The Nechako snow water index was at a new record high at February 1st, but has just declined to slightly below the record for March 1st.

## Middle and Lower Fraser



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### March 1

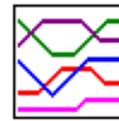
The Middle and Lower Fraser both have well above normal snow accumulation as of March 1st. The Middle Fraser has a March 1st snow water index of 124% of

normal, a decrease from 135% at February 1st. Most snow courses, from low elevation to high elevation, are in the 110-140% range. Notable measurements are: Bridge Glacier (1C39) - 155%; Deadman River (1C32) - 182%; and Bralorne (1C14) - 149%.

The Lower Fraser has a snow water index of 130% of normal. This is slightly below the previous high index value from 1999. This year's index value is a decrease from 143% at February 1st. Many individual snow courses and snow pillows are at or near new record highs for the date (with 1999 being year of record): Tenquille Lake (1D06P) - 165%; Stave Lake (1D08) - 130%; Callaghan Creek (3A20) - 157%; and Chilliwack River (1D17P) - 154%.

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## Thompson Basin



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



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

### March 1

The Thompson River basin has above normal snow water conditions at March 1st, reflecting the above normal precipitation over the November to February period. The North Thompson is 114% of normal, a slight decrease from 119% at February 1st. The South Thompson snow water index is 110% of normal, also slight decrease from 114% at February 1st. Low elevation snow appears to be well above normal for the date.

In the North Thompson basin, the Blue River (1E01B) snow course is 139% of normal. The Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 112% and 104%, respectively.

In the South Thompson basin, Enderby (1F04) is 105% and Park Mountain (1F03P) is 100%. For areas north of Shuswap Lake, it appears that the snow is 115-120% of normal, with Anglemont (1F02) at 116%, Adams River (1E07) at 118%, and Kirbyville Lake (2A25) at 120%.

In the Nicola/Coldwater basin, Lac Le Jeune lower (1C07) and Lac Le Jeune upper (1C25) are 137% and 130%, respectively, and Brookmere (1C01) and Highland Valley (1C09A) are 137% and 142%. This is very well developed snow for the Nicola/Coldwater basin, suggesting that water conditions this summer will be much improved from the conditions last summer.

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## Columbia Basin



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



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

### March 1

The snow water index for the Columbia is 118% of normal, with most snow courses in the Upper Columbia being in the 112-130% of normal range. The Molson Creek snow pillow (2A21P) is 140% of normal. Low elevation and valley bottom snow in the Upper Columbia appears to be well above normal (e.g., 153% at Canoe River - 2A01A). For the Lower Columbia, most snow courses are in the 100-110% of normal range, ranging from a low of 95% at Monashee Pass (2E01) to a high of 111% for East Creek (2D08P). The areas west of Arrow Lake, extending into the adjacent portions of the Okanagan, have generally received less snowfall this winter than any other area in the south and central Interior.

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## Kootenay Basin



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



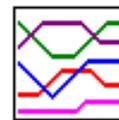
[Snow Survey Data](#)  
[Measurements](#)

### March 1

The overall Kootenay snow water index is 102% of normal, a drop from 106% at February 1st, with the West Kootenay generally having better developed snow than the East Kootenay. In the East Kootenay, the far south-east corner appears to have below normal snow (Ferne East, 2C07 = 93%; Morrissey Ridge, 2C09Q = 82%). Most other areas in the East Kootenay are 90-110%. The Moyie Mountain snow pillow (2C10A) is 139% of normal. The West Kootenay generally has normal or above normal snow conditions, ranging from a low of 94% (Gray Creek Lower, 2D05) to a high of 142% (Duncan Lake No. 2, 2D07A). The Nelson snow course (2D04) is 104%.

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## Okanagan, Kettle, and Similkameen Basins



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



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

### March 1

Snow conditions in the Okanagan at March 1st are very good. The overall March 1 snow water index of 101% for the Okanagan-Kettle is near normal, with conditions being better in the south Okanagan (e.g., Mount Kobau, 2F12 = 119%; Summerland Reservoir, 2F02 = 128%) than in the north Okanagan (e.g., Mission Creek, 2F05P = 99%; Silver Star Mountain, 2F10 = 105%). The Trout Creek (2F01) snow course and the Brenda Mines (2F18P) snow pillow, both on the west side of the Okanagan valley, are 134% and 113%, respectively.

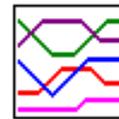
In the Kettle River drainage, precipitation during February was near normal and the overall basin snow index has remained near its February level, near or slightly above normal. The Grano Creek (2E07P) snow pillow is 115%, while Big White Mountain (2E03) is 98%.

The Similkameen valley received the full force of a number of the major frontal systems during November and December, and has accumulated substantial snow. However, January and February were both drier than normal. As a result, the Similkameen snow water index declined to 110% of normal at March 1st, from 123% at February 1st, and 147% at January 1st. The Blackwall Peak (2G03P) snow pillow is currently 120%, Lost Horse Mountain (2G04) is 103%, and Missezula Mountain (2G05) is 108%.

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### Vancouver Island & Coastal Regions



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



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

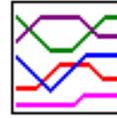
### March 1

Snow packs on the Vancouver Island and Coastal regions are well above normal as of March 1st. The Vancouver Island snow water index is 134% of normal, while the South Coast index is 142% of normal. Both are significant declines from their February 1st levels, reflecting the well below normal precipitation in February. On Vancouver Island, the Jump Creek (3B23P) and Wolf River (3B17P) snow pillows are 157% and 131% of normal, respectively, at March 1st. On the South Coast, the Nostetuko River (3A22P) snow pillow remains at a record high, at 179% of average. Other notable locations include Callaghan Creek (3A20) - 157%, Dog Mountain (3A10) - 149%, and Grouse Mountain (3A01) - 175%.

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## North East Region



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



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

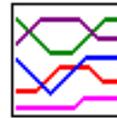
### March 1

Following the severe drought of 2006, a significant shift began in late October with the first storm of the winter. The snow water index for the Peace River basin is 135% of normal at March 1st. All snow courses are well above normal for the date, across the range of elevations. The low elevation Fort St. John A (4A25) is 178%, while the high elevation Monkman Creek is 157%. These snow accumulations provide a favourable outlook for substantially improved water-supply conditions in the Peace for 2007.

For the Liard basin, snow water equivalencies range between 87% at Fort Nelson A (4C05) to 137% at Sikanni Lake (4C01). The overall basin index is above normal at 119%, an increase from its February 1st level of 105%.

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## North West Region



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



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

### March 1

The Skeena/Nass basins (including the Bulkley River) have well above normal snow accumulations for the date. Their overall snow water index is 144% of normal for March 1st, nearly unchanged from February 1st. Many snow courses in the Skeena and Nass have established new record highs for March 1st, including: Tachek Creek (4B06) - 161%; Lu Lake (4B15) - 153%; Kidprice Lake (4B01) - 156%; and others. The Terrace A (4B13A) snow course is 195% of normal.

Other north coastal locations are currently at a record high snow accumulation for March 1st, surpassing 1999 (the previous record holder). Burnt Bridge Creek (3C08P) is 181% of normal and Tahtsa Lake (1B02) is 159%.

The Stikine/Taku basins have an average index of about 130% of normal.

[Go to Upper Fraser Snow Station Map](#)

# UPPER and MIDDLE FRASER

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
HANSARD	1A06A	610	27	69	207	131	57	396	44	196	34
PRINCE GEORGE A	1A10	690	27	62	158	66	0	296	0	136	45
PACIFIC LAKE	1A11	770	23	241	800	343	394	832	277	569	44
BURNS LAKE	1A16	800	02	94	250	78	94	240	60	143	35
CANOE RIVER	2A01A	910	01	62	173	71	19	251	19	113	66
PHILIP LAKE	4A13	980	24	129	404	176	171	382	138	252	43
HEDRICK LAKE	1A14P	1100	01	-	919	514	769	769	386	573*	7
HEDRICK LAKE	1A14	1100	23	240	791	411	592	954	327	618	39
BIRD CREEK	1A23	1180	27	84	218	72	132	232	72	124*	17
KAZA LAKE	1A12	1190	24	133	362	216	336	478	186	297	41
LU LAKE	4B15	1300	01	138	412	134	216	406	122	269	28
EQUITY MINE	4B14	1420	01	161	546	264	304	514	190	351	29
MOUNT SHEBA	4A18	1490	23	293	1123	500	692	1037	394	715	36
BARKERVILLE	1A03P	1520	01	-	360	210	229	479	150A	319	28

MC BRIDE (UPPER)	1A02	1580	01	152	515	231	398	594	169	361	53
KNUDSEN LAKE	1A15	1580	23	259	964	596	754	1098	404	722	36
MC BRIDE (UPPER)	1A02P	1620	01	-	525	259	-	259	259	-	1
REVOLUTION CREEK	1A17P	1690	01	-	908	522	851	1119	336	696	21
LONGWORTH (UPPER)	1A05	1740	23	231	812	488	696	1104	307	674	48
DOME MOUNTAIN	1A19	1820	01	215	775	457	678	981	318	650	33
DOME MOUNTAIN	1A19P	1820	01	-	859	450	-	450	450	-	1
MARMOT JASPER	AL12	1830	27	98	252	142	214	314	91	191*	23
YELLOWHEAD	1A01P	1860	01	-	552	409	491	720	266	499	10

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
					2007	2006	2005	Max.	Min.	Normal	
SKINS LAKE	1B05	880	28	79	189	70	74	226	54	115	43
TAHTSA LAKE	1B02	1300	27	372	1496	948	836	1476	571	1025	55
TAHTSA LAKE	1B02P	1300	01	-	1719	1033	1006	1512	661	1084	13

KIDPRICE LAKE	4B01	1370	01	314	1253	692	774	1137	429	802	55
MOUNT PONDOSY	1B08P	1400	01	-	948	692	652	994	360	710	14
MOUNT WELLS	1B01	1490	28	171	635	360	466	886	244	464	54
MOUNT WELLS	1B01P	1490	01	-	738	381	561	607	244	495	14
NUTLI LAKE	1B07	1490	27	204	717	375	464	651	229	448*	16
MOUNT SWANNELL	1B06	1620	27	122	367	141	272	446	132	244*	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

## 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
					2007	2006	2005	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	27	48	84	44	84	128	0	63	36
BROOKMERE	1C01	980	27	83	266	181	80	351	53	194	62
NAZKO	1C08	1070	27	45	102	45	46	155	0	80	30
BIG CREEK	1C21	1140	28	23	40	36	47	112	0	55	35
GRANITE MOUNTAIN	1C33A	1150	24	69	191	132	-	132	132	-	1
DUFFY LAKE	1C28	1200	25	186	652	440	215	762	194	459	28
PAVILION	1C06	1230	01	34	82	44	42	168	0	71	50

LAC LE JEUNE (LOWER)	1C07	1370	27	51	140	113	31	244	20	101	48
BRIDGE GLACIER (LOWER)	1C39	1400	28	214	790	502	262	954	262	511*	12
DEADMAN RIVER	1C32	1430	28	57	191	94	80	170	44	105	23
BRALORNE	1C14	1450	27	77	252	120	48	363	0	169	43
SHOVELNOSE MOUNTAIN	1C29	1450	28	76	258	240	100	398	100	253	26
LAC LE JEUNE (UPPER)	1C25	1460	27	56	174	146	46	213	13A	134	34
BOSS MOUNTAIN MINE	1C20P	1460	01	-	532	454	405	735	308	511	13
BRENDA MINE	2F18P	1460	01	-	388	340	233	431	184	342	14
BRENDA MINE	2F18	1460	01	107	304	292	152	495	130	287	38
HIGHLAND VALLEY	1C09A	1510	01	47	126	60	27	229	25A	89	41
BARKERVILLE	1A03P	1520	01	-	360	210	229	479	150A	319	28
HORSEFLY MOUNTAIN	1C13A	1550	24	140	510	335	410	624	238	418	34
GNAWED MOUNTAIN	1C19	1580	01	51	150	80	28	259	15	111	39
MOUNT TIMOTHY	1C17	1660	26	118	340	231	234	468	141	285	44
YANKS PEAK EAST	1C41P	1670	01	-	784	570	683	900	398	700	10
PENFOLD CREEK	1C23	1680	Not Measured			739	908	1132	453	828	32
GREEN MOUNTAIN	1C12P	1780	01	-	1076	792	488	1259	445	754	13
MCGILLIVRAY PASS	1C05	1800	27	186	661	481	374	1016	222	522	55
MISSION RIDGE	1C18P	1850	01	-	703	433	326	866	269	515	20

DOWNTON LAKE (UPPER)	1C38	1890	28	260	1034	682	572	1250	458	755	12
TYAUGHTON CREEK (NORTH)	1C40	1950	28	148	530	366	312	916	248	368	12
BRALORNE (UPPER)	1C37	1980	28	189	760	458	370	944	322	631	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



[Go to Lower Fraser Snow Station Map](#)

## MIDDLE and LOWER FRASER

*March 1, 2007*

### 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
					2007	2006	2005	Max.	Min.	Normal	
PUNZI MOUNTAIN	1C22	940	27	48	84	44	84	128	0	63	36
BROOKMERE	1C01	980	27	83	266	181	80	351	53	194	62
NAZKO	1C08	1070	27	45	102	45	46	155	0	80	30
BIG CREEK	1C21	1140	28	23	40	36	47	112	0	55	35
GRANITE MOUNTAIN	1C33A	1150	24	69	191	132	-	132	132	-	1
DUFFY LAKE	1C28	1200	25	186	652	440	215	762	194	459	28
PAVILION	1C06	1230	01	34	82	44	42	168	0	71	50
LAC LE JEUNE (LOWER)	1C07	1370	27	51	140	113	31	244	20	101	48
BRIDGE GLACIER (LOWER)	1C39	1400	28	214	790	502	262	954	262	511*	12
DEADMAN RIVER	1C32	1430	28	57	191	94	80	170	44	105	23
BRALORNE	1C14	1450	27	77	252	120	48	363	0	169	43
SHOVELNOSE MOUNTAIN	1C29	1450	28	76	258	240	100	398	100	253	26

LAC LE JEUNE (UPPER)	1C25	1460	27	56	174	146	46	213	13A	134	34
BOSS MOUNTAIN MINE	1C20P	1460	01	-	532	454	405	735	308	511	13
BRENDA MINE	2F18P	1460	01	-	388	340	233	431	184	342	14
BRENDA MINE	2F18	1460	01	107	304	292	152	495	130	287	38
HIGHLAND VALLEY	1C09A	1510	01	47	126	60	27	229	25A	89	41
BARKERVILLE	1A03P	1520	01	-	360	210	229	479	150A	319	28
HORSEFLY MOUNTAIN	1C13A	1550	24	140	510	335	410	624	238	418	34
GNAWED MOUNTAIN	1C19	1580	01	51	150	80	28	259	15	111	39
MOUNT TIMOTHY	1C17	1660	26	118	340	231	234	468	141	285	44
YANKS PEAK EAST	1C41P	1670	01	-	784	570	683	900	398	700	10
PENFOLD CREEK	1C23	1680	Not Measured			739	908	1132	453	828	32
GREEN MOUNTAIN	1C12P	1780	01	-	1076	792	488	1259	445	754	13
MCGILLIVRAY PASS	1C05	1800	27	186	661	481	374	1016	222	522	55
MISSION RIDGE	1C18P	1850	01	-	703	433	326	866	269	515	20
DOWNTON LAKE (UPPER)	1C38	1890	28	260	1034	682	572	1250	458	755	12
TYAUGHTON CREEK (NORTH)	1C40	1950	28	148	530	366	312	916	248	368	12
BRALORNE (UPPER)	1C37	1980	28	189	760	458	370	944	322	631	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 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
					2007	2006	2005	Max.	Min.	Normal	
WOLVERINE CREEK	1D13	300	28	25	72	24	0	232	0	91*	31
SUMMALLO RIVER WEST	3D01C	790	26	93	306	209	44	442	44	271	15
BROOKMERE	1C01	980	27	83	266	181	80	351	53	194	62
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			1298P	300P	1746	300P	1123*	8
CALLAGHAN CREEK	3A20	1040	28	294	1206	720	244	1260	200	770	29
DICKSON LAKE	1D16	1070	01	464	1814	1430	322	1490A	322	1263	14
DOG MOUNTAIN	3A10	1080	01	374	1510A	1231	256	2146Z	256	1016	23
BEAVER PASS	WA12	1120	26	259	881	744	102	1298	30	641*	58
KLESILKWA	3D03A	1130	Not Measured			242	26	759	0	296	56
SPUZZUM CREEK	1D19P	1180	01	-	1909	1639	341	1639	341	1119*	7
DUFFEY LAKE	1C28	1200	25	186	652	440	215	762	194	459	28
STAVE LAKE	1D08	1210	01	433	1676	1357	304	2500A	304	1285	39
WAHLEACH LAKE	1D09P	1400	01	-	1085	1042	451	1213	451	955	14
WAHLEACH LAKE	1D09	1400	01	176	604	550A	153	1072	86	528	40
NAHATLATCH RIVER	1D10	1520	01	376	1494	1119	400	2380A	400	1194	38
EASY PASS	WA13	1580	Not Available			1798	-	2913	478	1656*	37
CHILLIWACK RIVER	1D17P	1600	01	-	1703	1421	506	1567	506	1105*	13
GREAT BEAR	1D15P	1660	01	-	1781	1466	668	1752	668	1423	15
TENQUILLE LAKE	1D06P	1680	01	-	1227	889	608	1058	518	742*	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											

## 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
					2007	2006	2005	Max.	Min.	Normal	
SUMALLO RIVER WEST	3D01C	790	26	93	306	209	44	442	44	271	15
FREEZEOUT CREEK TRAIL	WA11	1070	26	94	300	-	25	615	15	267*	57
BEAVER PASS	WA12	1120	26	259	881	744	102	1298	30	641*	58
KLESILKWA	3D03A	1130	Not Measured			242	26	759	0	296	56
LIGHTNING LAKE	3D02	1220	01	104	356	333	36	497	36	282	33
HARTS PASS	WA09P	1980	01	-	1110	950	356	1320A	356	781*	9
HARTS PASS	WA09	1980	25	262	990A	1084	356	1636	312	933*	56
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											

[Go to Thompson Snow Station Map](#)

# THOMPSON

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
BLUE RIVER	1E01B	670	25	127	402	180A	248	411	179	290	24
KNOUFF LAKE	1E05	1200	27	56	158	114	104	284	36	133	48
COOK CREEK	1E14P	1280	01	-	686	416	503	503	308	429*	7
BOSS MOUNTAIN MINE	1C20P	1460	01	-	532	454	405	735	308	511	13
MOUNT COOK	1E02P	1550	01	-	1163	941	971	1166	680	903*	6
AZURE RIVER	1E08P	1620	01	-	1096	941	968	1335	548	980	10
ADAMS RIVER	1E07	1720	04	191	680	518	546	892	262	575	36
KOSTAL LAKE	1E10P	1770	01	-	761	671	764	1019	477	733	22
TROPHY MOUNTAIN	1E03A	1860	04	152	518	422	486	778	216	453	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

**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
					2007	2006	2005	Max.	Min.	Normal	
ANGLEMONT	1F02	1190	23	118	390	261	249	635	160	337	50
ABERDEEN LAKE	1F01A	1310	02	60	138	134	105	231	51	145	53
MONASHEE PASS	2E01	1370	02	103	292	258	256	442	149	306	47
BOULEAU LAKE	2F21	1400	25	106	284	312	232	432A	165	295	36
CELISTA	1F06P	1500	01	-	923	780	686	780	686	-	2
ADAMS RIVER	1E07	1720	04	191	680	518	546	892	262	575	36
KIRBYVILLE LAKE	2A25	1750	28	313	1179	940	859	1476	526	986	33
SILVER STAR MOUNTAIN	2F10	1840	03	184	666	685	594A	912	347	636	48
PARK MOUNTAIN	1F03P	1890	01	-	739	694	724	1021	383	739	22
ENDERBY	1F04	1900	25	247	900	1004	750A	1200	440	859	43

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

**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
					2007	2006	2005	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	27	48	84	44	84	128	0	63	36
BROOKMERE	1C01	980	27	83	266	181	80	351	53	194	62
NAZKO	1C08	1070	27	45	102	45	46	155	0	80	30
BIG CREEK	1C21	1140	28	23	40	36	47	112	0	55	35
DUFFY LAKE	1C28	1200	25	186	652	440	215	762	194	459	28
PAVILION	1C06	1230	01	34	82	44	42	168	0	71	50
LAC LE JEUNE (LOWER)	1C07	1370	27	51	140	113	31	244	20	101	48
BRIDGE GLACIER (LOWER)	1C39	1400	28	214	790	502	262	954	262	511*	12
DEADMAN RIVER	1C32	1430	28	57	191	94	80	170	44	105	23
BRALORNE	1C14	1450	27	77	252	120	48	363	0	169	43
SHOVELNOSE MOUNTAIN	1C29	1450	28	76	258	240	100	398	100	253	26
LAC LE JEUNE (UPPER)	1C25	1460	27	56	174	146	46	213	13A	134	34
BOSS MOUNTAIN MINE	1C20P	1460	01	-	532	454	405	735	308	511	13
BRENDA MINE	2F18P	1460	01	-	388	340	233	431	184	342	14
BRENDA MINE	2F18	1460	01	107	304	292	152	495	130	287	38
HIGHLAND VALLEY	1C09A	1510	01	47	126	60	27	229	25A	89	41
BARKERVILLE	1A03P	1520	01	-	360	210	229	479	150A	319	28

HORSEFLY MOUNTAIN	1C13A	1550	24	140	510	335	410	624	238	418	34
GNAWED MOUNTAIN	1C19	1580	01	51	150	80	28	259	15	111	39
MOUNT TIMOTHY	1C17	1660	26	118	340	231	234	468	141	285	44
YANKS PEAK EAST	1C41P	1670	01	-	784	570	683	900	398	700	10
PENFOLD CREEK	1C23	1680	Not Measured			739	908	1132	453	828	32
GREEN MOUNTAIN	1C12P	1780	01	-	1076	792	488	1259	445	754	13
MCGILLIVRAY PASS	1C05	1800	27	186	661	481	374	1016	222	522	55
MISSION RIDGE	1C18P	1850	01	-	703	433	326	866	269	515	20
DOWNTON LAKE (UPPER)	1C38	1890	28	260	1034	682	572	1250	458	755	12
TYAUGHTON CREEK (NORTH)	1C40	1950	28	148	530	366	312	916	248	368	12
BRALORNE (UPPER)	1C37	1980	28	189	760	458	370	944	322	631	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



[Go to Columbia Snow Station Map](#)

# COLUMBIA

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
CANOE RIVER	2A01A	910	01	62	173	71	19	251	19	113	66
DOWNIE SLIDE (LOWER)	2A27	980	28	224	826	502	440	1018	378	631	26
GLACIER	2A02	1250	27	193	760	482	497	952	251	631	67
FIELD	2A03A	1280	26	72	192	125	107	248	53	162	67
SUNWAPTA FALLS	AL11	1400	27	92	219	122	198	277	79	166*	35
VERMONT CREEK	2A19	1520	02	130	460	358	225A	643	152	400	40
AZURE RIVER	1E08P	1620	01	-	1096	941	968	1335	548	980	10
DOWNIE SLIDE (UPPER)	2A29	1630	28	331	1304	1170	946	2120	614	1139	27
KICKING HORSE	2A07	1650	27	118	351	254	234	462	140	308	60
KIRBYVILLE LAKE	2A25	1750	28	313	1179	940	859	1476	526	986	33

MOUNT REVELSTOKE	2A06P	1830	01	-	1196	1005	908	1487	537	1014	12
FIDELITY MOUNTAIN	2A17	1870	26	319	1268	833	984	1703	534	1081	44
BEAVERFOOT	2A11	1890	02	93	242	136	132	333	80A	192	45
KEYSTONE CREEK	2A18	1890	28	214	815	577	529	1277	357	696	38
BUSH RIVER	2A23	1920	28	224	850	566	648	1078	281	727	39
GOLDSTREAM	2A16	1920	28	278	1087	884	895	1351	553	968	43
NIGEL CREEK	AL10	1920	27	146	514	309	306	655	135	357*	35
MOUNT ABBOT	2A14	1980	26	325	1285	972	947	1448	508	1051	47
MOLSON CREEK	2A21P	1980	01	-	1215	934	919	1109	437	865	23
SUNBEAM LAKE	2A22	2010	28	231	889	710	738	1117	389	780	38
MIRROR LAKE	AL06	2030	26	110	254	231	249	483	122	254*	40
BOW SUMMIT II	AL07A	2080	Not Available			326	338	533	124	316*	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

## 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
					2007	2006	2005	Max.	Min.	Normal	
FERGUSON	2D02	880	26	181	650	406	406	796	283	539	55
BAIRD	WA02	980	Not Available			203	127	368	0	183*	48

FARRON	2B02A	1220	27	111	309	342	206	450	79	295	34
MONASHEE PASS	2E01	1370	02	103	292	258	256	442	149	306	47
WHATSHAN (UPPER)	2B05	1480	02	184	630	-	475	918	285	611	44
BARNES CREEK	2B06	1620	02	141	437	396	437	634	251	447	45
BARNES CREEK	2B06P	1620	01	-	442	390	465	682	229	440	13
ST. LEON CREEK	2B08	1800	02	317	1175	1009	882	1621	500	1098	37
ST. LEON CREEK	2B08P	1800	01	-	1039	821	791	1392	416	974	13
KOCH CREEK	2B07	1860	Not Measured			774	433	996	269	625	42
RECORD MOUNTAIN	2B09	1890	04	208	645	-	378	1136	147	628	31
EAST CREEK	2D08P	2030	01	-	875A	790	758	1167	312	790	26

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

[Go to Columbia Snow Station Map](#)

# KOOTENAY

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
KISHENEHN	MT01	1190	Not Available		213	74	399	36	208*	61	
FERNIE EAST	2C07	1250	26	101	290	303	103	584	61	313	56
SINCLAIR PASS	2C01	1370	27	51	114	90A	80	262	48	126	60
BRUSH CREEK TIMBER	MT03	1520	Not Available		160B	-	432	86	219*	53	
SULLIVAN MINE	2C04	1550	02	106	290	220	136	465	53	268	61
VERMILION RIVER NO. 3	2C20	1570	27	104	286	214	254	493	142	281	13
WEASEL DIVIDE	MT02	1660	28	208	691	818	505	1257	254	728*	48
KIMBERLEY (MIDDLE) V O R	2C12	1680	26	92	218	-	104	386	97	242	37
BANFIELD MOUNTAIN	MT05P	1710	01	-	386	394	188	663	188	358*	9

MOUNT JOFFRE	2C16	1750	02	100	295	278	254	551	122	329	35
MORRISSEY RIDGE	2C09Q	1800	01	-	510	630	397	1074	232	620	23
MOYIE MOUNTAIN	2C10P	1930	01	-	469	398	240	653	149	338	27
HAWKINS LAKE	MT06P	1970	01	-	635	582	305	881	254	481*	9
ALLISON PASS	AL01	1980	26	123	374	344	251	625	189	388*	24
THUNDER CREEK	2C17	2010	02	93	249	250	168	378	91	239	36
FLOE LAKE	2C14	2090	02	196	721	614	553	993	279	665	37
FLOE LAKE	2C14P	2090	01	-	679	540	536	889	254	614	12
KIMBERLEY (UPPER) V O R	2C11	2140	26	139	406	360A	216	696	152	390	38
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27	115	332	307	305	455	145	320*	28
MOUNT ASSINIBOINE	2C15	2230	02	150	501	432	343	680	185	454	37
SUNSHINE VILLAGE	AL05	2230	Not Available			483	444	770	211	484*	36

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	2007	2006	2005	Max.	Min.	Normal	No. Years Record
DUNCAN LAKE NO. 2	2D07A	650	27	53	192	100	73	263	72	135*	16
FERGUSON	2D02	880	26	181	650	406	406	796	283	539	55
NELSON	2D04	930	27	110	366	316	188	558	140	353	67
SANDON	2D03	1070	01	107	361	324	196	475	196	347	30
CHAR CREEK	2D06	1310	01	173	470	582	285	754	231	476	39
BUNCHGRASS MEADOW	WA01P	1520	01	-	526	775	450	1049	318	639*	9
GRAY CREEK (LOWER)	2D05	1550	01	132	382	-	258	663	201	406	56
KOCH CREEK	2B07	1860	Not Measured			774	433	996	269	625	42
MOUNT TEMPLEMAN	2D09	1860	Not Measured			904	768	1534	490	935	36
GRAY CREEK (UPPER)	2D10	1910	01	195	632	-	454	955	343	651	35
EAST CREEK	2D08P	2030	01	-	875A	790	758	1167	312	790	26
REDFISH CREEK	2D14P	2104	01	-	1126	1016	855	1256	761	944*	5

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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\* - PERIOD OF RECORD AVERAGE



[Go to Okanagan Snow Station Map](#)

# KETTLE, OKANAGAN and SIMILKAMEEN

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
GOAT CREEK	WA04	1220	Not Available		226	91	300	0	162*	44	
FARRON	2B02A	1220	27	111	309	342	206	450	79	295	34
CARMI	2E02	1250	28	69	148	140	88	274	56	147	44
MONASHEE PASS	2E01	1370	02	103	292	258	256	442	149	306	47
SUMMIT G.S.	WA05	1400	Not Available		279	140	305	63	193*	43	
BIG WHITE MOUNTAIN	2E03	1680	01	143	419	516	340	676	213	426	41
GRANO CREEK	2E07P	1860	01	-	484	495	386	634	206	422*	9
BLUEJOINT MOUNTAIN	2E06	2040	02	209	662	773	-	773	549	661*	2

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

**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
					2007	2006	2005	Max.	Min.	Normal	
MC CULLOCH	2F03	1280	28	71	158	172	116	249	71	157	67
SUMMERLAND RESERVOIR	2F02	1280	01	92	273	223	136	381	97	214	46
ABERDEEN LAKE	1F01A	1310	02	60	138	134	105	231	51	145	53
OYAMA LAKE	2F19	1340	27	74	154	155	114	241	73	157	37
POSTILL LAKE	2F07	1370	27	75	206	188	143	274	98	186	57
VASEUX CREEK	2F20	1400	02	59	136	88	52	284	52	139	36
BOULEAU LAKE	2F21	1400	25	106	284	312	232	432A	165	295	36
TROUT CREEK	2F01	1430	27	83	227	145A	90A	335	55	169	67
BRENDA MINE	2F18	1460	01	107	304	292	152	495	130	287	38
BRENDA MINE	2F18P	1460	01	-	388	340	233	431	184	342	14
ISLAHT LAKE	2F24	1480	27	112	352	351	161	497	161	317	25
GREYBACK RESERVOIR	2F08	1550	02	81	170	204	174	312	91	198	40
ESPERON CR (UPPER)	2F13	1650	24	105	336	376	258	635	157	371	38
ISINTOK LAKE	2F11	1680	28	64	150	138	87	358	53	164	42
MUTTON CREEK NO. 1	WA07	1740	Not Available			416	104	589	0	305*	63
MACDONALD LAKE	2F23	1740	01	144	436	475	258	583	170	394	30
MISSION CREEK	2F05P	1780	01	-	386	400A	443	610	206	388	35

MOUNT KOBAN	2F12	1810	25	102	308	316	154	488	61	259	41
GRAYSTOKE LAKE	2F04	1810	Not Available			-	235A	605	128	330	27
WHITEROCKS MOUNTAIN	2F09	1830	24	138	493	609	327	809	180	499	51
SILVER STAR MOUNTAIN	2F10	1840	03	184	666	685	594A	912	347	636	48

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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
					2007	2006	2005	Max.	Min.	Normal	
BROOKMERE	1C01	980	27	83	266	181	80	351	53	194	62
FREEZEOUT CREEK TRAIL	WA11	1070	26	94	300	-	25	615	15	267*	57
LIGHTNING LAKE	3D02	1220	01	104	356	333	36	497	36	282	33
HAMILTON HILL	2G06	1490	04	102	347	211	102	676	102	326	45
MISSEZULA MOUNTAIN	2G05	1550	24	76	238	171	85	363	76	221	43
ISINTOK LAKE	2F11	1680	28	64	150	138	87	358	53	164	42
LOST HORSE MOUNTAIN	2G04	1920	25	84	210	170Z	113	508	92	204	44

BLACKWALL PEAK	2G03P	1940	01	-	870	683	341	1323	213	728	39
HARTS PASS	WA09P	1980	01	-	1110	950	356	1320A	356	781*	9
HARTS PASS	WA09	1980	25	262	990A	1084	356	1636	312	933*	56

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE



[Go to Coastal B.C. Snow Station Map](#)

# COASTAL

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
PALISADE LAKE	3A09	880	28	459	1930A	1290	193	3150A	95	1183	52
PALISADE LAKE	3A09P	880	Not Available			-	-	1287	1287	1287*	1
CALLAGHAN CREEK	3A20	1040	28	294	1206	720	244	1260	200	770	29
DOG MOUNTAIN	3A10	1080	01	374	1510A	1231	256	2146Z	256	1016	23
GROUSE MOUNTAIN	3A01	1100	28	424	1740A	1130	378	2320A	143	997	56
ORCHID LAKE	3A19P	1190	Not Available			-	417	3093	417	1529*	19
ORCHID LAKE	3A19	1190	28	557	2280A	1572	521	2960A	444	1568	32
UPPER SQUAMISH RIVER	3A25P	1340	01	-	1725	1309	574	2301	574	1380	17

NOSTETUKO RIVER	3A22P	1500	01	-	852	379	165	769	165	477*	17
UPPER MOSELY CREEK	3A24P	1650	01	-	439	236	304	555	98	262*	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2007	2006	2005	Max.	Min.	Normal	
ELK RIVER	3B04	270	27	38	131	52	0	546	0	114	46
WOLF RIVER (LOWER)	3B19	640	26	137	404	458	0	1064	0	347	36
UPPER THELWOOD LAKE	3B10	980	26	423	1504	1310A	126	2440A	126	1204	46
WOLF RIVER (MIDDLE)	3B18	1070	26	227	726	662	20	1344	20	532	36
FORBIDDEN PLATEAU	3B01	1130	26	413	1692	1335	101	2730A	101	1279	51
JUMP CREEK	3B23P	1160	01	-	1538	945	64	2016	64	977	11
MOUNT COKELY	3B02A	1190	27	246	1034	762	34	1016	34	701	25
WOLF RIVER (UPPER)	3B17P	1490	01	-	1539	1237	195	1777	195	1178	18

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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
					2007	2006	2005	Max.	Min.	Normal	
WEDEENE RIVER SOUTH	3C07	300	02	173	628	282	119	817	119	383*	22
TAHTSA LAKE	1B02	1300	27	372	1496	948	836	1476	571	1025	55
TAHTSA LAKE	1B02P	1300	01	-	1719	1033	1006	1512	661	1084	13
BURNT BRIDGE CREEK	3C08P	1330	01	-	1148	604	893	900	274	635*	9

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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\* - PERIOD OF RECORD AVERAGE



[Go to Northeast Snow Station Map](#)

# NORTH EAST

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
FORT ST. JOHN A	4A25	690	24	72	190	38	86	191	38	107	33
PACIFIC LAKE	1A11	770	23	241	800	343	394	832	277	569	44
BULLHEAD MOUNTAIN	4A28	790	27	73	187	48	85	142	0T	89	22
PHILIP LAKE	4A13	980	24	129	404	176	171	382	138	252	43
WARE (LOWER)	4A04	980	25	87	212	129	152	246	97	164	43
AIKEN LAKE	4A30P	1040	01	-	300	150	233	363	150	242	20
TUTIZZI LAKE	4A06	1070	24	118	311	175	218	386	140	230	43
TSAYDAYCHI LAKE	4A12	1160	24	163	517	253	332	540	166	342	43
PINK MOUNTAIN	4A14	1170	Not Measured			-	98	160	10A	77	42
KAZA LAKE	1A12	1190	24	133	362	216	336	478	186	297	41
PULPIT LAKE	4A09P	1310	01	-	469	271	393	448	271	361	16
PULPIT LAKE	4A09	1310	25	159	469	299	376	531	233	357	42

FREDRICKSON LAKE	4A10	1310	24	105	280	185	230	315	129	214	42
PINE PASS	4A02P	1400	01	-	1195	762	954	1485	600	921	15
TRYGVE LAKE	4A11	1400	24	145	442	290	308	453	211	315	42
SIKANNI LAKE	4C01	1400	25	113	314	158	295	335	107	229	41
PINE PASS	4A02	1430	25	364	1451	987	1095	1502	480	1005	43
MORFEE MOUNTAIN	4A16	1450	24	266	954	432	736	1166	312	739	39
LADY LAURIER LAKE	4A07	1460	25	202	655	370	505	662	255	438	40
MOUNT SHEBA	4A18	1490	23	293	1123	500	692	1037	394	715	36
GERMANSEN (UPPER)	4A05	1500	24	137	422	203	237	520	174	302	46
MOUNT STEARNS	4A21	1500	25	84	208	57	145	227	56	123	32
JOHANSON LAKE	4B02	1540	24	118	337	190	281	368	148	253	43
MONKMAN CREEK	4A20	1550	23	217	822	272	451	925	211	522	25
WARE (UPPER)	4A03	1570	25	105	293	167	181	360	114	220	46
KWADACHA RIVER	4A27P	1620	01	-	289	221	266	405	195	285*	22

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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	2007	2006	2005	Max.	Min.	Normal	No. Years Record
FORT NELSON A	4C05	380	01	52	85	62	62	177A	40	98	41
WATSON LAKE A	YK01	700	27	91	177	116	216	216	61	128*	41
FRANCES RIVER	YK02	730	27	83	165	130	226	312	65	138*	31
DEASE LAKE	4C03	820	28	73	172	-	130	229	45	125	41
JADE CITY	4C15	940	27	92	208	128	300	300	128	200*	5
SUMMIT LAKE	4C02	1280	Not Available			72	99	190	0T	106	37
DEADWOOD RIVER	4C09P	1300	01	-	135	60	198	220	58	119*	13
SIKANNI LAKE	4C01	1400	25	113	314	158	295	335	107	229	41

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE



[Go to Northwest Snow Station Map](#)

# NORTH WEST

*March 1, 2007*

## 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
					2007	2006	2005	Max.	Min.	Normal	
SPEEL RIVER	AK03	80	Not Available		432	691	1024	389B	652*	36	
TELEGRAPH CREEK	4D01	580	27	79	170	130	133	345	53	156	32
NINGUNSAW PASS	4B10	690	01	187	600A	309	366	629	232	408	32
DEASE LAKE	4C03	820	28	73	172	-	130	229	45	125	41
ISKUT	4D02	1000	04	80	159	69	98A	176	33	107	32
KINASKAN LAKE	4D11P	1020	Not Measured		266	360	527	204	329*	16	
TUMEKA CREEK	4D10P	1220	01	-	615	-	521	789	338	511*	16
WADE LAKE	4D14P	1370	01	-	225	259	330	475	162	293*	15

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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
					2007	2006	2005	Max.	Min.	Normal	
ATLIN LAKE	4E02A	730	02	85	177	74	137	185A	50	109*	23
LOG CABIN	4E01	880	01	145	401	286	381	514	124	330	46
PINE LK AIRSTRIP	YK03	1010	23	94	187	175	314	330	25	190*	31
MONTANA MTN.	YK05	1020	28	74	164	90	178	202	65	126*	31
TAGISH	YK04	1080	27	87	186	89	227	227	75	122*	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											

**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
					2007	2006	2005	Max.	Min.	Normal	
TERRACE A	4B13A	180	01	77	260	47	0	407	0	133*	25
BEAR PASS	4B11A	460	Not Available			473	619	824	400A	610	23
NINGUNSAW PASS	4B10	690	01	187	600A	309	366	629	232	408	32

GRANDUC MINE	4B12P	790	01	-	1770	-	1568	1725	1361	1510*	4
CEDAR- KITEEN	4B18P	885	01	-	833	424	833	833	319	520*	6
MCKENDRICK CREEK	4B07	1050	01	121	324	155	216	391	155	269	39
TACHEK CREEK	4B06	1140	23	115	332	130	152	330	117	206	39
KAZA LAKE	1A12	1190	24	133	362	216	336	478	186	297	41
LU LAKE	4B15	1300	01	138	412	134	216	406	122	269	28
LU LAKE	4B15P	1310	01	-	402	169	229	319	116	269	8
TSAI CREEK	4B17P	1360	01	-	1407	889	859	1384	694	889*	9
KIDPRICE LAKE	4B01	1370	01	314	1253	692	774	1137	429	802	55
TRYGVE LAKE	4A11	1400	24	145	442	290	308	453	211	315	42
EQUITY MINE	4B14	1420	01	161	546	264	304	514	190	351	29
CHAPMAN LAKE	4B04	1460	01	181	597	303	350	691	266	414	42
HUDSON BAY MTN.	4B03A	1480	02	194	661	316	398	719	287	459	35
SHEDIN CREEK	4B16P	1480	01	-	791	619	825	904	563	715*	11
MOUNT CRONIN	4B08	1480	01	182	602	425	416	869	345	522	38
JOHANSON LAKE	4B02	1540	24	118	337	190	281	368	148	253	43

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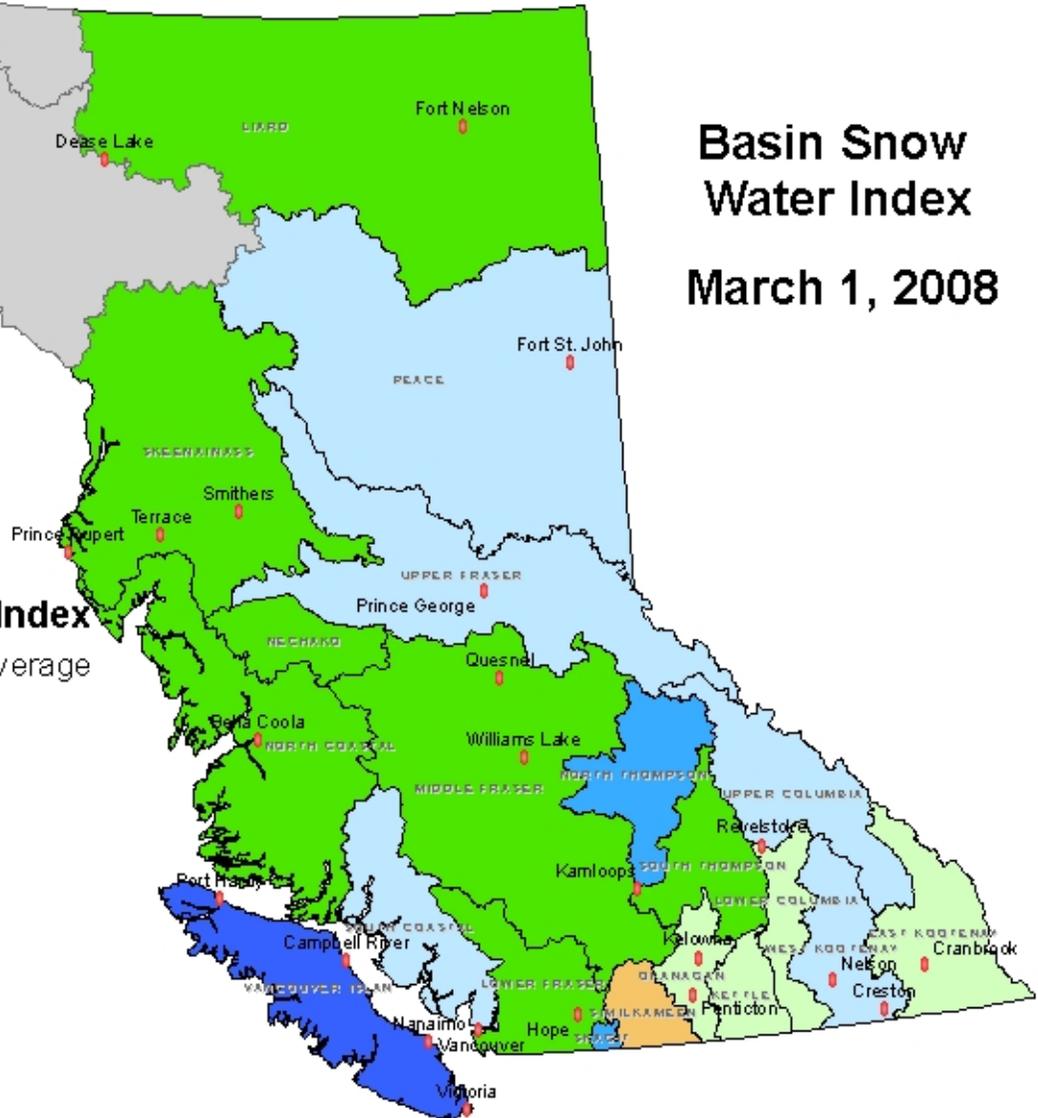
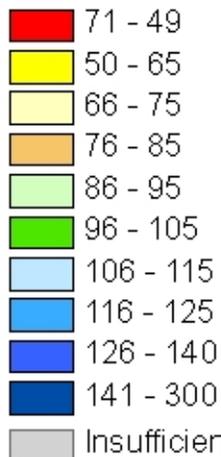
\* - PERIOD OF RECORD AVERAGE

# River Forecast Centre Ministry of Environment

## Basin Snow Water Index March 1, 2008

### Basin Snow Water Index

Percent of Long-Term Average



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- [Province-Wide Synopsis](#)
- [Basin Snow Water Index Map](#)
- [Seasonal Volume Runoff Forecasts](#)

## Basin Data and Graphs

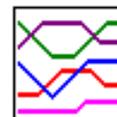
- [Upper Fraser](#)
- [Mid and Lower](#)
- [Fraser](#)
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- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
- [North East](#)
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- [2008 Survey schedule](#)
- [2008 Snow Survey network](#)

## Snowpack and Water Supply Outlook for British Columbia

April 1, 2008

**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



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

The April 1st snow survey is now complete. Data from 162 snow courses and 59 snow pillows around the province, with 26 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

### Snowpack

For much of the province the 2007/08 winter has produced near normal snowpacks. Basin snow water indices range from lows of 90% of normal in the Similkameen and 93% of normal in the Okanagan, to near 125% of normal along the coast and in the Peace River basin. The Upper Fraser River basin, the Skeena and Nass basins, and the North Thompson are all near 110% of normal. Most other basins, including the Nechako, Mid Fraser, South Thompson, Columbia, and Kootenay are near normal. The Fraser River Snow Index, encompassing all the major water-producing areas of the Fraser River watershed from its headwaters down to Mission, is 102% of normal.

### Outlook

As a result of the April 1st snow conditions, the River Forecast Centre is forecasting near normal spring runoff in most river basins, including all the major Interior basins (the Fraser, Nechako, Thompson, Skeena, Bulkley, Nass, Kootenay, Columbia, and others). The Peace River basin has above normal snowpacks, and is likely to experience above normal spring runoff as that snow melts. The snow conditions provide a very positive outlook for water-supply

conditions for most of the province, with respect to community water-supply, instream flows, and groundwater and aquifer recharge.

Snow conditions in the Okanagan and Similkameen basins have improved following a couple of periods of heavy snow fall during March. However, they continue to experience below normal snowpacks and are forecast to have diminished spring runoff. They have potential to develop water-supply challenges during the summer.

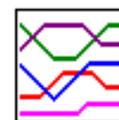
By April 1st, on average, about 95% of the peak snowpack for the year has accumulated. The near normal snowpacks at this point near the end of the winter means that flood risk is generally neutral. Should spring weather conditions be near normal (i.e., not unusually wet or unusually hot) there is a low likelihood of flooding on major rivers, such as the Fraser, Nechako, Thompson (at Kamloops), Skeena and Nass. The early forecast for the Fraser River at Hope is a peak discharge in late May or June near 9,000 cumec (the 2007 freshet peak was 11,000 cumec, on June 10).

However, even with a normal or neutral snowpack, there is always potential for flooding along tributary and mainstem rivers in the Interior. Whether or not flooding occurs will depend primarily on the weather during snowmelt from early May to mid June, and when and how rapidly snowmelt occurs. The high risk weather factors are extended periods of hot weather, and/or heavy rain produced by frontal or convective storm systems.

Flooding on Vancouver Island and other coastal drainages, such as the rivers draining out of the South Coast mountains, is unlikely, as they normally experience their high flows during fall and winter rain storms, not from spring snowmelt.

[Top](#)

## Upper Fraser & Nechako Basins



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### April 1

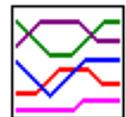
The snow water index for the Upper Fraser is 113% of normal for April 1st, a slight increase from 111% at Mar 1st. Low and mid elevation snow is above normal (e.g., Prince George A = 136%, Burns Lake = 133%, Pacific Lake = 126%). High elevation snow courses are varying between 90% and 130% of normal.

The Nechako snow water index is 97% of normal. The Mount Pondosy (1B08P), Mount Wells (1B01P) and Tahtsa Lake (1B02P) snow pillows are all 85-101% of normal. The Skins Lake snow course (1B05) is 99%.

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## Middle and Lower Fraser



[Data  
Graphs](#)



[Snow Survey Data  
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### April 1

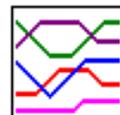
The Middle Fraser has a April 1st snow water index of 93% of normal, a decrease from 97% at Mar 1st. The Chilcotin and Fraser Plateau areas have variable snow conditions (e.g., Nazko (1C08) = 118%, Big Creek (1C21) = 25%). Barkerville (1A03P) east of Quesnel is 84%. Southern portions of the Middle Fraser are near normal (e.g., Bralorne Upper (1C37) = 105%, Tyaughton Creek Upper (1C40) = 96%).

The Lower Fraser snow water index for April 1st is 107% of normal. The Chilliwack River snow pillow (1D17P) is 121% of normal. The Great Bear (1D15P) and Tenquille Lake (1D06P) snow pillows are 99% and 97%, respectively. The Dickson Lake (1D16) and Stave Lake (1D08) snow courses, located along the north side of the Lower Fraser valley, are 137% and 114% of normal, respectively.

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## Thompson Basin



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### April 1

The Thompson River basin has above normal snow water conditions at April 1st. The North Thompson snow water index is 110% of normal, decreased from 120% at Mar 1st. The South Thompson index is 105%. Low elevation snow appears to be slightly above normal for the date, reflecting the cold weather over much of the winter.

In the North Thompson basin, the Adams River (1E07) snow course is 103% of normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 106% and 109%, respectively.

The South Thompson basin received greater than normal snowfall during March, and the readings at most snow courses have increased. Enderby (1F04) is 109% of normal. The Park Mountain (1F03P) snow pillow is 102%. Aberdeen Lake (1F01A) is only 101%.

In the Nicola basin, Lac Le Jeune Upper (1C25) is 87% of normal, Brookmere (1C01) is 83%, and Gnawed Mountain (1C19) is 89%.

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## Columbia Basin



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



[Snow Survey Data](#)  
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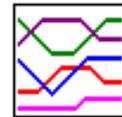
### April 1

The Columbia basin snow index is 104% of normal, decreased from 110% at Mar 1st. The Upper Columbia tends to have better snow conditions than the Lower Columbia. For the Upper Columbia, most snow courses are in the 95-115% of normal range, with a low of 78% for Beaverfoot (2A11) and a high of 120% for Downie Slide Lower (2A27). For the Lower Columbia, snow courses range from 88% at Whatshan Upper (2B05) to 104% at Record Mountain (2B09).

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## Kootenay Basin



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



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[Measurements](#)

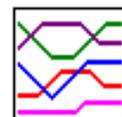
### April 1

The overall Kootenay snow water index is 99% of normal. For the East Kootenay, values for individual snow survey sites range from a low of 78% at Thunder Creek (2C17) to a high of 132% at the Moyie Mountain snow pillow (2C10P). For the West Kootenay values are similar, with 95% at Nelson (2D04) and 99% at East Creek (2D08P). The low elevation Duncan lake No. 2 (2D07A) snow course is 221% of normal. Overall, low elevation snow is near or above normal in both the West and East Kootenay.

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## Okanagan, Kettle, and Similkameen Basins



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



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

## April 1

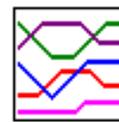
The Okanagan Basin has benefited from significant late winter snowfall. The overall April 1 snow water index of 93% for the Okanagan-Kettle is below normal, but has increased notably from 87% at Mar 1st, following a couple of periods of heavy snowfall in the southern interior. Some snow courses remain very low, including Vaseux Creek (2F20) at 59%, and Bouleau Lake (2F21) at 71%. Mount Kobau (2F12) in the far south Okanagan is 74% of normal. The Brenda Mine (2F18) snow course on the west side of the Okanagan valley is 95%. The Mission Creek (2F05P) snow pillow east of Kelowna is 100% of normal, increased from 79% at Feb 1st and 90% at Mar 1st. A few snow courses are now above normal, including Silver Star (2F10) at 103%, Trout Creek (2F01) at 110%, and Summerland Reservoir (2F02) at 102%.

In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 91%, Big White (2E03) is 87% and Carmi (2E02) is only 73%.

Similar to the Okanagan Basin, snow conditions in the Similkameen have improved during March. Western portions of the Similkameen valley have near normal snow conditions while eastern portions appear to be slightly below normal (similar to adjacent areas of the southern Okanagan). The overall April 1st snow water index is 90% of normal, increased notably from 82% at Mar 1st. The Blackwall Peak (2G03P) snow pillow is currently 102%. Lost Horse Mtn (2G04) and Missezula Mtn (2G05) are 91% and 67% of normal, respectively.

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## Vancouver Island & Coastal Regions



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

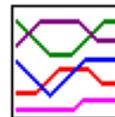
## April 1

Snow packs on the Vancouver Island and Coastal regions continue to be well above normal as of April 1st. The Vancouver Island snow water index is 125% of normal, while the South Coast index is 115% of normal. On Vancouver Island, the Jump Creek (3B23P) snow pillow is 158% of normal, and the Forbidden Plateau (3B01) snow course is 122%. With the cold weather over the winter, low elevation snow on Vancouver Island is particularly well developed. Elk River (3B04) at 270 metres elevation is 175% of normal, and Wolf River Lower (3B19) at 640 metres is 167%.

On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses are 152% and 138%, respectively. The Upper Squamish (3A25P) snow pillow is 99% of normal.

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## North East Region



[Data  
Graphs](#)



[Snow Survey Data  
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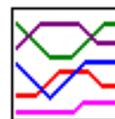
### April 1

Precipitation in the Peace has been slightly above normal for much of the winter, with some large snowfalls during March. The snow water index for the Peace River basin is 122% of normal at April 1st, increased significantly from 110% at Mar 1st. Most snow courses, from low to high elevation, are above normal, with the highest reading being Tsaydaychi Lake (4A12) at 142%.

For the Liard River basin, snow water equivalencies range from 79% at Fort Nelson A (4C05) and 96% at Dease Lake (4C03), to 134% at Watson Lake (YK01). The basin average of 107%.

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## North West Region



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### April 1

The Skeena/Nass basins have a snow water index of 111% of normal for April 1st, an increase from 101% at Mar 1st. For the three snow courses with the longest periods of record, Hudson Bay Mountain (4B03A), located near Smithers, is 104%, Johanson Lake (4B02), located in the north-east corner of the basin, is 119%, and Kidprice Lake (4B01) is 94%. The Tsai Creek (4B17P) snow pillow is 108% of normal. Western portions of the Skeena basin appear to have a lot of snow, with the low elevation Terrace A (4B13A) at 268% of normal. Wedeene River South (3C07), located north of Kitimat, is similarly high, at 196%.

Based on a very limited survey, snow in the Stikine basin appears to be variable, but possibly somewhat below normal. The Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 72% and 100% of normal, respectively. Iskut (4D02) is 83% of normal, and Telegraph Creek (4D01) is only 53%.

## UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PRINCE GEORGE A	1A10	690	27-Mar	59	161	136 %	128	65	313	0	118	46
PACIFIC LAKE	1A11	770	27-Mar	197	794	126 %	868	395	879	290	628	45
BURNS LAKE	1A16	800	31-Mar	69	172	133 %	254	68	264	0	129	36
CANOE RIVER	2A01A	910	27-Mar	33	100	102 %	114	65	262	0	98	67
PHILIP LAKE	4A13	980	28-Mar	120	382	133 %	449	240	449	176	287	45
HEDRICK LAKE	1A14	1100	27-Mar	217	850	124 %	835	447	1046	351	688	41
HEDRICK LAKE	1A14P	1100	01-Apr	-	941	122% *	1121	604	1121	581	772*	8
BIRD CREEK	1A23	1180	31-Mar	62	154	108% *	256	96	270	84	143*	18
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
LU LAKE	4B15	1300	27-Mar	112	296	93 %	504	196	504	162	318	31
LU LAKE	4B15P	1310	01-Apr	-	278	105% *	488	203	488	154	266*	9
EQUITY MINE	4B14	1420	27-Mar	140	383	95 %	610 A	314	640	258	405	31
MOUNT SHEBA	4A18	1490	27-Mar	256	1030	125 %	1294	600	1294	495	825	39
BARKERVILLE	1A03P	1520	01-Apr	-	326	84 %	439	259	524	221	387	31
MC BRIDE (UPPER)	1A02	1580	26-Mar	130	420	98 %	644	276	780	225	429	55
KNUDSEN LAKE	1A15	1580	27-Mar	225	908	110 %	1153	621	1255	485	826	39
MCBRIDE (UPPER)	1A02P	1620	01-Apr	-	394	57% *	694	-	694	694	694*	1
REVOLUTION CREEK	1A17P	1690	01-Apr	-	881	110 %	1170	579	1222	453	798	22
LONGWORTH (UPPER)	1A05	1740	27-Mar	252	1010	129 %	920	520	1234 A	467	784	52
DOME MOUNTAIN	1A19	1820	26-Mar	214	802	105 %	928	525	1057	416	761	37
DOME MOUNTAIN	1A19P	1820	01-Apr	-	743	95% *	1065	503	1065	503	784*	2
MARMOT JASPER	AL12	1830	01-Apr	81	194	83% *	313	134	422	102	233*	38
YELLOWHEAD	1A01P	1860	01-Apr	-	473	80 %	750	450	784	349	593	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

## NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SKINS LAKE	1B05	880	01-Apr	38	110	99 %	184	76	203	0	111	44
TAHTSA LAKE	1B02	1300	31-Mar	302	1215	103 %	1800 A	1034	1800 A	775	1179	55
TAHTSA LAKE	1B02P	1300	01-Apr	-	1219	101 %	2240	1113	2240	860	1212	15
KIDPRICE LAKE	4B01	1370	01-Apr	213	863	94 %	1601	767	1601	622	919	54
MOUNT PONDOSY	1B08P	1400	01-Apr	-	677	85 %	1143	774	1143	564	798	16
MOUNT WELLS	1B01	1490	01-Apr	135	474	90 %	756	349	960	273	524	53
MOUNT WELLS	1B01P	1490	01-Apr	-	524	91 %	872	436	872	344	573	16
NUTLI LAKE	1B07	1490	01-Apr	138	476	89% *	798	427	798	301	532*	17
MOUNT SWANNELL	1B06	1620	30-Mar	94	268	92% *	490	169	490	148	292*	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

## MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PUNTZI MOUNTAIN	1C22	940	26-Mar	2	4	13 %	60	12	120 C	0	31	38
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63
NAZKO	1C08	1070	28-Mar	29	72	118 %	99	0	165 B	0	61	49
BIG CREEK	1C21	1140	30-Mar	1	4	25 %	0	2	119	0	16	37
GRANITE MOUNTAIN	1C33A	1150	27-Mar	85	272	150 %	194	135	261	73	181	15
DUFFEY LAKE	1C28	1200	01-Apr	140	507	100 %	728	484	866	244	507	30
PAVILION	1C06	1230	31-Mar	0	0	0 %	0	0	147	0	40	51
BRIDGE GLACIER (LOWER)	1C39	1400	02-Apr	152	532	85% *	910	608	1086	356	624*	13
DEADMAN RIVER	1C32	1430	28-Mar	49	128	122 %	118	100	188	30	105	24
BRALORNE	1C14	1450	02-Apr	47	127	71 %	247	141	389	0	178	45
SHOVELNOSE MOUNTAIN	1C29	1450	30-Mar	71	210 A	81 %	180	240	442	70	260	29
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	-	694	113 %	664	510	844	420	615	14
LAC LE JEUNE (UPPER)	1C25	1460	28-Mar	48	117	87 %	119	172	228	43	135	35
BRENDA MINE	2F18	1460	27-Mar	92	303	95 %	305	304	531	159	318	39
BRENDA MINE	2F18P	1460	01-Apr	-	357	91 %	385	395	497	227	394	15
HIGHLAND VALLEY	1C09A	1510	01-Apr	37	88	92 %	100	90	249	3A	96	42
BARKERVILLE	1A03P	1520	01-Apr	-	326	84 %	439	259	524	221	387	31
HORSEFLY MOUNTAIN	1C13A	1550	27-Mar	156	538	116 %	583	362	716	282	464	38
GNAWED MOUNTAIN	1C19	1580	01-Apr	50	112	89 %	134	86	307	21	126	40
MOUNT TIMOTHY	1C17	1660	26-Mar	122	364	111 %	357	248	533	186	327	45
YANKS PEAK EAST	1C41P	1670	01-Apr	-	911	110 %	964	653	994	521	829	11
PENFOLD CREEK	1C23	1680	26-Mar	272	1024	102 %	1226	854	1285	641	1000	32
GREEN MOUNTAIN	1C12P	1780	01-Apr	-	844	94 %	1344	869	1408	616	896	14
MCGILLIVRAY PASS	1C05	1800	02-Apr	148	480	80 %	805	562	1118	322	602	55
MISSION RIDGE	1C18P	1850	01-Apr	-	505	88 %	883	457	908	357	576	21
DOWNTON LAKE (UPPER)	1C38	1890	02-Apr	204	814	90 %	1250 A	812	1416	566	900	13
TYAUGHTON CREEK (NORTH)	1C40	1950	02-Apr	135	416	96 %	638	396	844	288	432	13
BRALORNE(UPPER)	1C37	1980	02-Apr	198	790 A	105 %	934	588	1010	440	755	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												

## LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMALLO RIVER WEST	3D01C	790	01-Apr	133	434	182 %	252	181	512 B	0	238	16
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63

CALLAGHAN CREEK	3A20	1040	31-Mar	252	1056	117 %	1218	936	1604	192	902	31
DICKSON LAKE	1D16	1070	01-Apr	512	2121	137 %	2130 A	1794	2990 A	412	1547	16
DOG MOUNTAIN	3A10	1080	02-Apr	392	1685 A	138 %	1608	1516	2720 A	51	1223	63
BEAVER PASS	WA12	1120	30-Mar	241	930	120% *	930	825 A	1849	94	774*	63
KLESILKWA	3D03A	1130	01-Apr	103	367	125 %	323	274	792	0	293	60
SPUZZUM CREEK	1D19P	1180	01-Apr	-	1819	120% *	2164	1868	2164	465	1511*	8
DUFFEY LAKE	1C28	1200	01-Apr	140	507	100 %	728	484	866	244	507	30
STAVE LAKE	1D08	1210	01-Apr	428	1770	114 %	1825	1807	2750 A	446	1554	40
WAHLEACH LAKE	1D09	1400	01-Apr	231	862	131 %	644	598	1270	125	659	40
WAHLEACH LAKE	1D09P	1400	01-Apr	-	1289	112 %	1353	1183	1380 P	614	1154	16
NAHATLATCH RIVER	1D10	1520	01-Apr	329	1360	96 %	1786	1375	2410 A	523	1417	40
CHILLIWACK RIVER	1D17P	1600	01-Apr	-	1665	121% *	1879	1564	1894	713	1379*	14
GREAT BEAR	1D15P	1660	01-Apr	-	1770	99 %	2070	1575	2400	769	1784	16
TENQUILLE LAKE	1D06P	1680	01-Apr	-	1005	97% *	1590	1035	1590	713	1031*	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

## NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BLUE RIVER	1E01B	670	29-Mar	89	344	125 %	418	190 A	425	154	276	25
KNOUFF LAKE	1E05	1200	30-Mar	51	166	115 %	154	126	274	58	144	52
COOK CREEK	1E14P	1280	01-Apr	-	608	106% *	769	484	769	409	571*	8
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	-	694	113 %	664	510	844	420	615	14
MOUNT COOK	1E02P	1550	01-Apr	-	1463	128% *	1440	1001	1440	939	1141*	7
AZURE RIVER	1E08P	1620	01-Apr	-	1230	106 %	1452	1046	1511	716	1155	11
ADAMS RIVER	1E07	1720	30-Mar	205	728	103 %	812	633	1069	435	707	38
KOSTAL LAKE	1E10P	1770	01-Apr	-	960	109 %	923	771	1165	618	878	23
TROPHY MOUNTAIN	1E03A	1860	29-Mar	165	558	102 %	560	512	888	332	545	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

## SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ANGLEMONT	1F02	1190	26-Mar	93	354	100 %	420	274	561	142	353	50
ABERDEEN LAKE	1F01A	1310	27-Mar	58	145	101 %	104	142	259	6	143	69
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
BOULEAU LAKE	2F21	1400	29-Mar	88	252	71 %	268	364	564	172 B	354	37
CELISTA	1F06P	1500	01-Apr	-	844	93% *	1118	850 A	1118	765	911*	3

ADAMS RIVER	1E07	1720	30-Mar	205	728	103 %	812	633	1069	435	707	38
KIRBYVILLE LAKE	2A25	1750	26-Mar	322	1250	105 %	1404	970	1816	701	1189	35
SILVER STAR MOUNTAIN	2F10	1840	30-Mar	222	782	103 %	741	829	1115	414	760	49
PARK MOUNTAIN	1F03P	1890	01-Apr	-	881	102 %	923	818	1207	549	867	23
ENDERBY	1F04	1900	29-Mar	292	1109	109 %	1063	1133	1430	610	1019	45

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

## UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
CANOE RIVER	2A01A	910	27-Mar	33	100	102 %	114	65	262	0	98	67
DOWNIE SLIDE (LOWER)	2A27	980	26-Mar	190	816	120 %	874	556	1062	448	680	30
GLACIER	2A02	1250	27-Mar	179	689	94 %	883	547	1161	371 B	730	71
FIELD	2A03A	1280	31-Mar	59	170	111 %	164	133	251	8	153	68
SUNWAPTA FALLS	AL11	1400	01-Apr	71	175	91% *	234	119	333	89	192*	39
VERMONT CREEK	2A19	1520	27-Mar	121	428	96 %	563	380	843	190	446	42
AZURE RIVER	1E08P	1620	01-Apr	-	1230	106 %	1452	1046	1511	716	1155	11
DOWNIE SLIDE (UPPER)	2A29	1630	26-Mar	370	1548	115 %	1750	1230	2360 A	858	1347	30
KICKING HORSE	2A07	1650	31-Mar	98	299	86 %	403	317	589	185	346	60
KIRBYVILLE LAKE	2A25	1750	26-Mar	322	1250	105 %	1404	970	1816	701	1189	35
MOUNT REVELSTOKE	2A06P	1830	01-Apr	-	1286	105 %	1489	1121	1686	709	1230	15
FIDELITY MOUNTAIN	2A17	1870	26-Mar	340	1363	109 %	1640	1002	1951	730	1248	45
BEAVERFOOT	2A11	1890	27-Mar	68	174	78 %	284	124	460	105	222	48
KEYSTONE CREEK	2A18	1890	26-Mar	225	950	115 %	989	734	1388	485	827	41
GOLDSTREAM	2A16	1920	26-Mar	319	1257	109 %	-	960	1638 A	785	1157	43
BUSH RIVER	2A23	1920	26-Mar	198	750	87 %	1100	676	1331	455	865	41
NIGEL CREEK	AL10	1920	01-Apr	117	366	87% *	556	300	700	198	419*	39
MOUNT ABBOT	2A14	1980	29-Mar	320	1347	107 %	1640	1150 A	1849	698	1256	49
MOLSON CREEK	2A21P	1980	01-Apr	-	1170	115 %	1553	1016	1553	651	1014	25
SUNBEAM LAKE	2A22	2010	26-Mar	234	899	98 %	1126	812	1384	590	917	41
MIRROR LAKE	AL06	2030	31-Mar	93	254	84% *	450	279	561	160	302*	68
BOW SUMMIT II	AL07A	2080	28-Mar	116	335	92% *	480	329	584 B	180	366*	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

## LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FERGUSON	2D02	880	27-Mar	147	563	96 %	760	505	881	142	587	70
BAIRD	WA02	980	01-Apr	91	290	185 %	130	213	363	0	157	48

FARRON	2B02A	1220	28-Mar	93	307	93 %	270	381	480	162	330	35
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
WHATSHAN (UPPER)	2B05	1480	02-Apr	164	589	88 %	685	670	964	350	668	49
BARNES CREEK	2B06	1620	02-Apr	150	508	98 %	450	419	768	299	518	50
BARNES CREEK	2B06P	1620	01-Apr	-	555	102 %	540	469	773	323	546	15
ST. LEON CREEK	2B08	1800	02-Apr	291	1124	90 %	1504	1055	1831	818	1253	38
ST. LEON CREEK	2B08P	1800	01-Apr	-	1009	89 %	1402	938	1553	581	1133	14
KOCH CREEK	2B07	1860	02-Apr	196	700	93 %	727	863	1156	397	755	47
RECORD MOUNTAIN	2B09	1890	31-Mar	215	780	104 %	718	-	1307	315	752	32
EAST CREEK	2D08P	2030	01-Apr	-	915	99 %	1174	839	1245	442	922	26

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
KISHENEHN	MT01	1190	30-Mar	94	292	147% *	155	-	465	36	198*	60
FERNIE EAST	2C07	1250	27-Mar	106	378	113 %	190	336	605	123	335	56
SINCLAIR PASS	2C01	1370	28-Mar	50	126	93 %	92	100	262 A	36	135	71
BRUSH CREEK TIMBER	MT03	1520	26-Mar	86	287	123% *	117	198	434	51	234*	56
SULLIVAN MINE	2C04	1550	29-Mar	99	268	86 %	296	268	538	137	313	62
VERMILION RIVER NO.3	2C20	1570	28-Mar	98	286	99% *	310	216	401	175	289*	14
WEASEL DIVIDE	MT02	1660	31-Mar	244	869	106% *	648	858	1346	312	820*	67
KIMBERLEY (MIDDLE) V O R	2C12	1680	28-Mar	87	259	93 %	236	246	462	116	279	39
BANFIELD MOUNTAIN	MT05	1710	26-Mar	155	546	106% *	373	419	919	196	517*	37
BANFIELD MOUNTAIN	MT05P	1710	01-Apr	-	516	123% *	386	447	739	229	421*	10
MOUNT JOFFRE	2C16	1750	27-Mar	109	330	85 %	340	282	711	179	388	39
MORRISSEY RIDGE	2C09Q	1800	01-Apr	-	701	94 %	671	754	1224	360	744	24
RED MOUNTAIN	MT04	1830	01-Apr	168	533	112% *	411	470	810	211	476*	69
MOYIE MOUNTAIN	2C10P	1930	01-Apr	-	529	132 %	522	480	679	216	401	28
HAWKINS LAKE	MT06P	1970	01-Apr	-	742	123% *	732	688	1001	310	601*	10
ALLISON PASS	AL01	1980	28-Mar	129	425	90% *	419	476	823	247	473*	44
WILKINSON SUMMIT (BUSH)	AL03	1980	28-Mar	67	170	81% *	186	188	460	100	211*	44
THUNDER CREEK	2C17	2010	27-Mar	76	225	78 %	280	268	475	140 A	287	37
FLOE LAKE	2C14	2090	27-Mar	190	680	86 %	844	634	1242	411	791	38
FLOE LAKE	2C14P	2090	01-Apr	-	683	94 %	881	615	1001	360	724	13
KIMBERLEY (UPPER) V O R	2C11	2140	28-Mar	132	427	91 %	497	405	798	197	467	39
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27-Mar	116	321	83% *	401	323	681	180	389*	37
MOUNT ASSINIBOINE	2C15	2230	27-Mar	148	468	85 %	634	472	816	252	551	39
SUNSHINE VILLAGE	AL05	2230	31-Mar	172	541	90% *	660	520	996	277	598*	40

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

## WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DUNCAN LAKE NO. 2	2D07A	650	29-Mar	47	172	221% *	104	0	223	0	78*	17
FERGUSON	2D02	880	27-Mar	147	563	96 %	760	505	881	142	587	70
NELSON	2D04	930	26-Mar	106	355	95 %	297	332	622	137	372	70
SANDON	2D03	1070	-	-	-	-		323	585	71	357	68
CHAR CREEK	2D06	1310	01-Apr	178	600	107 %	493	666	940	273	563	42
BUNCHGRASS MEADOW	WA01P	1520	01-Apr	-	732	99% *	551	876	1214	414	736*	10
GRAY CREEK (LOWER)	2D05	1550	28-Mar	153	502	106 %	425 A	431	688	290	472	59
KOCH CREEK	2B07	1860	02-Apr	196	700	93 %	727	863	1156	397	755	47
MOUNT TEMPLEMAN	2D09	1860	27-Mar	-	Not Sampled	-	1300	1024	1608	688	1076	37
GRAY CREEK (UPPER)	2D10	1910	28-Mar	241	830	106 %	765	621	1123	492	783	37
EAST CREEK	2D08P	2030	01-Apr	-	915	99 %	1174	839	1245	442	922	26
REDFISH CREEK	2D14P	2104	01-Apr	-	1377	112% *	1486	1144	1519	994	1230*	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

## KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
GOAT CREEK	WA04	1100	31-Mar	64	183	168 %	89	208	274	0	109	43
FARRON	2B02A	1220	28-Mar	93	307	93 %	270	381	480	162	330	35
CARMI	2E02	1250	03-Apr	39	104	73 %	94	146	290	14	142	45
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
SUMMIT G.S.	WA05	1400	31-Mar	114	284	135 %	221	333	338	23	210	45
BIG WHITE MOUNTAIN	2E03	1680	03-Apr	135	440	87 %	450	542	762	332	507	42
GRANO CREEK	2E07P	1860	01-Apr	-	495	91% *	559	630	769	334	541*	10
BLUEJOINT MOUNTAIN	2E06	2040	02-Apr	182	667	90 %	717	848	1175	329	742	28

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

## OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMMERLAND RESERVOIR	2F02	1280	27-Mar	84	230	102 %	255	241	389	96	226	71
MC CULLOCH	2F03	1280	31-Mar	57	148	95 %	88	180	249	38	155	70
ABERDEEN LAKE	1F01A	1310	27-Mar	58	145	101 %	104	142	259	6	143	69

OYAMA LAKE	2F19	1340	01-Apr	63	144	85 %	129	176	255	61	170	37
POSTILL LAKE	2F07	1370	31-Mar	69	184	82 %	182	215	348	109	224	57
VASEUX CREEK	2F20	1400	03-Apr	34	92	59 %	92	112	239	40	157	37
BOULEAU LAKE	2F21	1400	29-Mar	88	252	71 %	268	364	564	172 B	354	37
TROUT CREEK	2F01	1430	28-Mar	73	200	110 %	208	180	396	52	182	71
ESPERON CR (MIDDLE)	2F14	1430	29-Mar	102	316	85 %	334	406	607	196	372	40
BRENDA MINE	2F18	1460	27-Mar	92	303	95 %	305	304	531	159	318	39
BRENDA MINE	2F18P	1460	01-Apr	-	357	91 %	385	395	497	227	394	15
ISLAHT LAKE	2F24	1480	01-Apr	104	322	92 %	338	358	501	165 A	349	25
GREYBACK RESERVOIR	2F08	1550	01-Apr	76	197	85 %	220	244	351	114	233	54
ESPERON CR (UPPER)	2F13	1650	29-Mar	113	350	80 %	370	434	805	244	435	39
ISINTOK LAKE	2F11	1680	27-Mar	63	144	79 %	138	172	424	66	183	43
MACDONALD LAKE	2F23	1740	27-Mar	143	426	92 %	510	544	677	257	463	31
MUTTON CREEK #1	WA07	1740	24-Mar	114	384	111 %	411 B	617 B	721	56 B	344	67
MISSION CREEK	2F05P	1780	01-Apr	-	473	100 %	461	480	728	278	472	36
GRAYSTOKE LAKE	2F04	1810	-	-	Not Sampled	-	296	350 A	828	196	405	38
MOUNT KOBAN	2F12	1810	30-Mar	86	236	74 %	320	434	602	105	318	42
WHITEROCKS MOUNTAIN	2F09	1830	29-Mar	158	537	92 %	577	658	1021	318	586	53
SILVER STAR MOUNTAIN	2F10	1840	30-Mar	222	782	103 %	741	829	1115	414	760	49

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63
FREEZEOUT CREEK TRAIL	WA11	1070	29-Mar	117	399	133% *	284	350	665	8	299*	63
LIGHTNING LAKE	3D02	1220	26-Mar	111	361	118 %	369	338	622	60	305	60
HAMILTON HILL	2G06	1490	27-Mar	92	288	81 %	325	242	851	83	356	48
MISSEZULA MOUNTAIN	2G05	1550	27-Mar	70	162	67 %	210	182	516 B	90	242	47
ISINTOK LAKE	2F11	1680	27-Mar	63	144	79 %	138	172	424	66	183	43
LOST HORSE MOUNTAIN	2G04	1920	30-Mar	79	221	91 %	-	260	533	138	243	44
BLACKWALL PEAK	2G03P	1940	01-Apr	-	848	102 %	979	735	1494	400	833	40
HARTS PASS	WA09	1980	30-Mar	312	1219	113% *	1288	1194	1725	510	1082*	65
HARTS PASS	WA09P	1980	01-Apr	-	1057	107% *	1257	1123	1770	429	984*	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

## SOUTH COASTAL Drainage Basin

				Apr 2008	Historic, Water Equivalent (mm)	Yrs
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Snow Course Name and Number	Elev. metres	Date of Survey	Snow Depth cm	Water Equiv. mm	% of Normal	2007	2006	Max.	Min.	Normal	of Record	
						mm	mm	mm	mm	mm		
PALISADE LAKE	3A09	880	01-Apr	470	2020A	140 %	1810 A	1701	3560 A	285	1440	59
POWELL RIVER (LOWER)	3A05	910	30-Mar	254	1025	138 %	997	649	1554	85	743	47
POWELL RIVER (UPPER)	3A02	1040	30-Mar	323	1205	115 %	1320 A	948	1813	467	1046	44
CALLAGHAN CREEK	3A20	1040	31-Mar	252	1056	117 %	1218	936	1604	192	902	31
DOG MOUNTAIN	3A10	1080	02-Apr	392	1685A	138 %	1608	1516	2720 A	51	1223	63
GROUSE MOUNTAIN	3A01	1100	03-Apr	417	1830A	152 %	1870 A	1576	2670 A	44	1203	72
ORCHID LAKE	3A19	1190	01-Apr	504	2170A	114 %	2370 A	2126	3770 A	748	1905	34
UPPER SQUAMISH RIVER	3A25P	1340	01-Apr	-	1601	99 %	2089	1643	2089	803	1620	17
NOSTETUKO RIVER	3A22P	1500	01-Apr	-	578	97% *	1058	503	1058	233	595*	17
UPPER MOSELY CREEK	3A24P	1650	01-Apr	-	225	77% *	506	240	567	135	292*	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

## VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ELK RIVER	3B04	270	01-Apr	37	156	175 %	41	0	607	0	89	46
WOLF RIVER (LOWER)	3B19	640	01-Apr	163	636	167 %	394	516	1198	0	381	36
UPPER THELWOOD LAKE	3B10	980	01-Apr	524	2216	143 %	2050 A	1914	3200 A	354	1554	48
WOLF RIVER (MIDDLE)	3B18	1070	01-Apr	248	942	142 %	814	970	1706	0	664	36
FORBIDDEN PLATEAU	3B01	1130	01-Apr	446	1941	122 %	1987	1815	3550 A	387	1595	53
JUMP CREEK	3B23P	1160	01-Apr	-	1909	158 %	1556	1455	1643	184	1208	11
MOUNT COKELY	3B02A	1250	03-Apr	280	1156	134 %	1116	1174	2100 A	331	864	27
WOLF RIVER (UPPER)	3B17P	1490	01-Apr	-	1442	102 %	1783	1652	1878	305	1420	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

## NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
WEDEENE RIVER SOUTH	3C07	300	28-Mar	170	722	196 %	900 A	259	900 A	36	368*	24
TAHTSA LAKE	1B02	1300	31-Mar	302	1215	103 %	1800 A	1034	1800 A	775	1179	55
TAHTSA LAKE	1B02P	1300	01-Apr	-	1219	101 %	2240	1113	2240	860	1212	15
BURNT BRIDGE CREEK	3C08P	1330	01-Apr	-	885	118% *	1384	675	1384	201	752*	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

## SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMALLO RIVER WEST	3D01C	790	01-Apr	133	434	182 %	252	181	512 B	0	238	16
FREEZEOUT CREEK TRAIL	WA11	1070	29-Mar	117	399	133% *	284	350	665	8	299*	63
BEAVER PASS	WA12	1120	30-Mar	241	930	120% *	930	825 A	1849	94	774*	63
KLESILKWA	3D03A	1130	01-Apr	103	367	125 %	323	274	792	0	293	60
HARTS PASS	WA09P	1980	01-Apr	-	1057	107% *	1257	1123	1770	429	984*	10
FORT ST. JOHN A	4A25	690	30-Mar	50	140	137 %	226	56	226	0	102	34
WARE (LOWER)	4A04	980	29-Mar	-	Not Sampled	-	240	175	316	112 B	188	45
TUTIZZI LAKE	4A06	1070	28-Mar	101	325	127 %	351	230	406	166	255	45
TSAYDAYCHI LAKE	4A12	1160	28-Mar	166	559	142 %	639	322	639	234	394	45
GERMANSEN (UPPER)	4A05	1500	28-Mar	148	487	138 %	491	275	523	200	352	46
MOUNT STEARNS	4A21	1500	29-Mar	58	146	99 %	223	102	239	59	148	33
JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45
MONKMAN CREEK	4A20	1550	27-Mar	148	541	91 %	991	332	1067	313	593	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												

## PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FORT ST. JOHN A	4A25	690	30-Mar	50	140	137 %	226	56	226	0	102	34
PACIFIC LAKE	1A11	770	27-Mar	197	794	126 %	868	395	879	290	628	45
BULLHEAD MOUNTAIN	4A28	790	-	-	Not Sampled	-	224 B	-	224 B	0	95	21
WARE (LOWER)	4A04	980	29-Mar	-	Not Sampled	-	240	175	316	112 B	188	45
PHILIP LAKE	4A13	980	28-Mar	120	382	133 %	449	240	449	176	287	45
AIKEN LAKE	4A30P	1040	01-Apr	-	289	112 %	368	199	371	199	258	21
TUTIZZI LAKE	4A06	1070	28-Mar	101	325	127 %	351	230	406	166	255	45
TSAYDAYCHI LAKE	4A12	1160	28-Mar	166	559	142 %	639	322	639	234	394	45
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
PULPIT LAKE	4A09	1310	29-Mar	151	514	128 %	590	346	590	297	402	45
PULPIT LAKE	4A09P	1310	01-Apr	-	509	124 %	619	347	619	347	411	17
FREDRICKSON LAKE	4A10	1310	28-Mar	97	301	123 %	313	218	351	163 B	245	45
PINE PASS	4A02P	1400	01-Apr	-	1298	118 %	1551	939	1551	844	1101	16
TRYGVE LAKE	4A11	1400	28-Mar	135	451	126 %	511	351	511	257	359	45
SIKANNI LAKE	4C01	1400	29-Mar	103	325	121 %	360 A	201	380	166	268	45
PINE PASS	4A02	1430	29-Mar	405	1653	144 %	1653	1016	1653	668	1150	46
MORFEE MOUNTAIN	4A16	1450	28-Mar	268	1037	121 %	1043	596	1158	555	854	40
LADY LAURIER LAKE	4A07	1460	29-Mar	172	612	122 %	854	424	854	342	503	44
MOUNT SHEBA	4A18	1490	27-Mar	256	1030	125 %	1294	600	1294	495	825	39
GERMANSEN (UPPER)	4A05	1500	28-Mar	148	487	138 %	491	275	523	200	352	46
MOUNT STEARNS	4A21	1500	29-Mar	58	146	99 %	223	102	239	59	148	33

JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45
MONKMAN CREEK	4A20	1550	27-Mar	148	541	91 %	991	332	1067	313	593	29
WARE (UPPER)	4A03	1570	29-Mar	100	290	114 %	328	222	390	157	254	44
KWADACHA RIVER	4A27P	1620	01-Apr	-	371	111% *	394	281	446	236	333*	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

## LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FORT NELSON A	4C05	380	02-Apr	37	75	79 %	148	90	198	23	95	42
WATSON LAKE A	YK01	700	30-Mar	77	175	134% *	215	146	229	71	131*	41
FRANCES RIVER	YK02	730	27-Mar	83	200	129% *	213	150	302	76	155*	31
DEASE LAKE	4C03	820	27-Mar	54	130 A	96 %	188 A	61	259	50 A	136	43
JADE CITY	4C15	940	30-Mar	93	244	106% *	278	162	322	162	230*	6
SUMMIT LAKE	4C02	1280	28-Mar	62	113	99 %	-	70	240	0	114	38
DEADWOOD RIVER	4C09P	1300	01-Apr	-	123	83% *	195	101	283	70	149*	14
SIKANNI LAKE	4C01	1400	29-Mar	103	325	121 %	360 A	201	380	166	268	45

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TERRACE A	4B13A	180	26-Mar	60	214	268% *	257	32	333	0	80*	28
BEAR PASS	4B11A	460	31-Mar	168	626	89 %	1013	506	1013	408	706	24
NINGUNSAW PASS	4B10	690	27-Mar	141	520	119 %	730 A	328	730 A	231	438	33
GRANDUC MINE	4B12P	790	01-Apr	-	1496 A	85% *	1909	-	1909	1609	1750*	5
CEDAR-KITEEN	4B18P	885	01-Apr	-	711	99% *	1129	495	1129	454	715*	7
MCKENDRICK CREEK	4B07	1050	27-Mar	109	317	107 %	373	204	427	183	297	40
TACHEK CREEK	4B06	1140	27-Mar	104	280	121 %	358	178	362	112	232	40
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
LU LAKE	4B15	1300	27-Mar	112	296	93 %	504	196	504	162	318	31
LU LAKE	4B15P	1310	01-Apr	-	278	105% *	488	203	488	154	266*	9
TSAI CREEK	4B17P	1360	01-Apr	-	1241	108% *	1831	1024	1831	919	1150*	10
KIDPRICE LAKE	4B01	1370	01-Apr	213	863	94 %	1601	767	1601	622	919	54
TRYGVE LAKE	4A11	1400	28-Mar	135	451	126 %	511	351	511	257	359	45
EQUITY MINE	4B14	1420	27-Mar	140	383	95 %	610 A	314	640	258	405	31
CHAPMAN LAKE	4B04	1460	27-Mar	145	466	98 %	666	362	762	315	474	43
HUDSON BAY MTN.	4B03A	1480	28-Mar	162	544	104 %	755	367	846	356	524	36
MOUNT CRONIN	4B08	1480	27-Mar	173	581	95 %	726	478	1097	433	612	39

SHEDIN CREEK	4B16P	1480	01-Apr	-	923	105% *	1054	765	1054	690 A	880*	12
JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45

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

## STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TELEGRAPH CREEK	4D01	580	26-Mar	31	82	53 %	248	140	343	37	156	33
NINGUNSAW PASS	4B10	690	27-Mar	141	520	119 %	730 A	328	730 A	231	438	33
DEASE LAKE	4C03	820	27-Mar	54	130A	96 %	188 A	61	259	50A	136	43
ISKUT	4D02	1000	02-Apr	38	89	83 %	180 A	90	180 A	0	107	33
KINASKAN LAKE	4D11P	1020	01-Apr	-	285	72% *	634	315	634	256	397*	17
TUMEKA CREEK	4D10P	1220	01-Apr	-	Not Sampled	-	-	-	869	387	588*	16
WADE LAKE	4D14P	1370	01-Apr	-	339	100% *	315	308	527	232	340*	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

## YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ATLIN LAKE	4E02A	730	31-Mar	50	105	83% *	267	80	267	50	126*	24
LOG CABIN	4E01	880	29-Mar	125	382	103 %	560	334	596	213	372	48
PINE LK AIRSTRIP	YK03	1010	26-Mar	109	286	128% *	240	205	351	122	224*	32
MONTANA MTN.	YK05	1020	26-Mar	66	150	107% *	228	111	228	84	140*	31
TAGISH	YK04	1080	26-Mar	77	177	128% *	242	118	242	73	138*	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

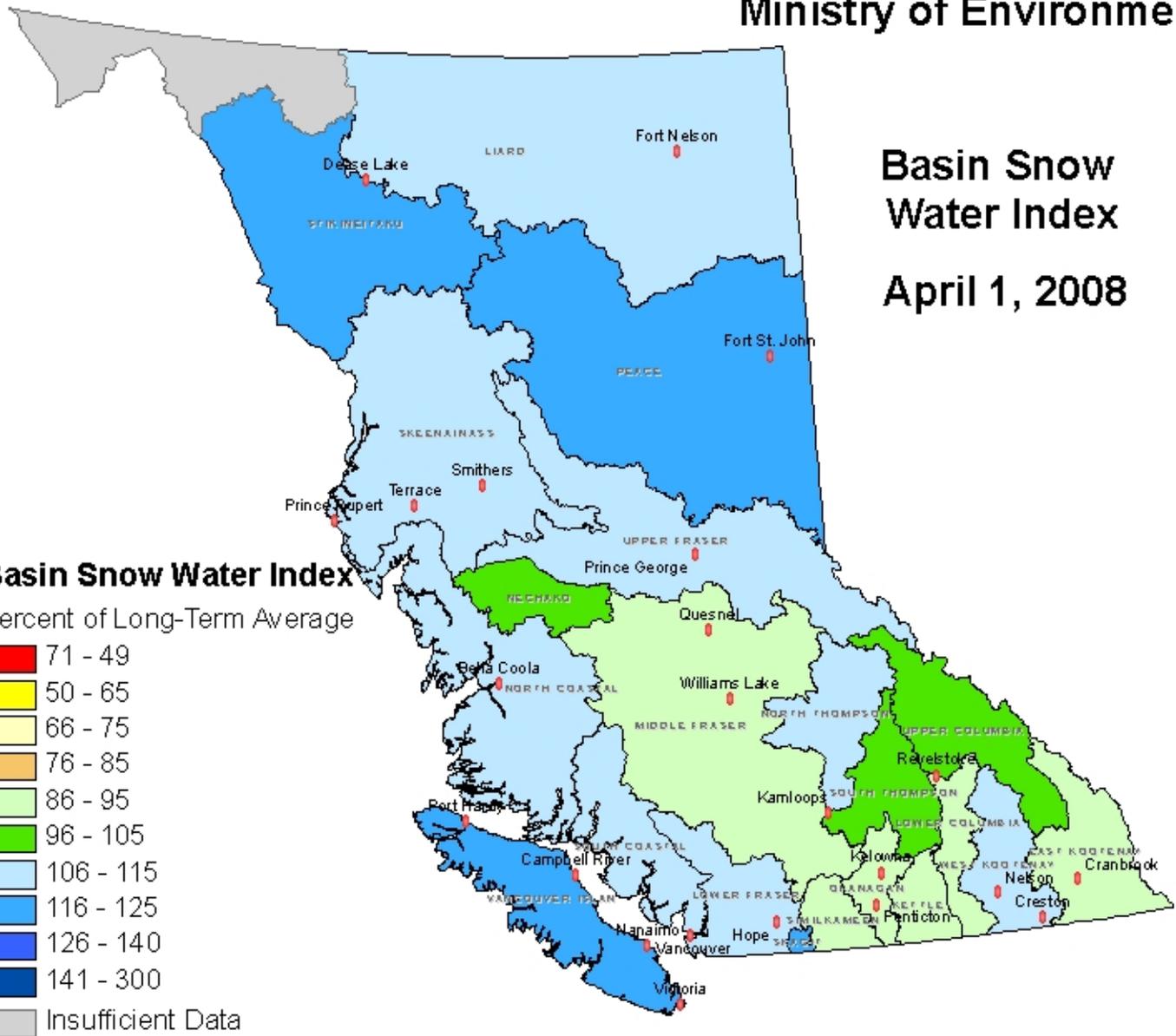
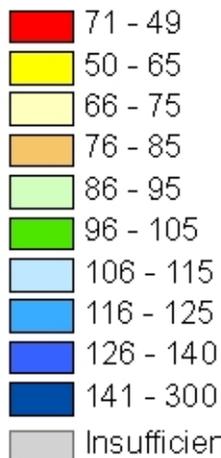
\* - PERIOD OF RECORD AVERAGE

# River Forecast Centre Ministry of Environment

## Basin Snow Water Index April 1, 2008

### Basin Snow Water Index

Percent of Long-Term Average



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- [Basin Snow Water Index Map](#)
- [Seasonal Volume Runoff Forecasts](#)

## Basin Data and Graphs

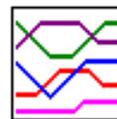
- [Upper Fraser](#)
- [Mid and Lower](#)
- [Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
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## Snowpack and Water Supply Outlook for British Columbia

May 1, 2008

**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



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

The May 1st snow survey is now complete. Data from 141 snow courses and 57 snow pillows around the province, with 15 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

### Snowpack

At the peak of the winter's snow accumulation near mid-April, much of the province had near normal snowpacks, with a few areas such as the Peace and the coast being above normal. April was very cold (among the coldest April's in the last 50 years). The cold weather delayed the beginning of spring snowmelt, and allowed additional new snow to accumulate. At May 1st, basin snow water indices range from a low of 99% of normal in the mid Fraser, to near 120% of normal on Vancouver Island and along the coast. The Upper Fraser River basin and the Peace River are both at 116% of normal, and the North Thompson is at 114%. Most other basins, including the Nechako, Mid Fraser, South Thompson, Columbia, Kootenay, Okanagan, and Similkameen are near normal. The Fraser River Snow Index, encompassing all the major water-producing areas of the Fraser River watershed from its headwaters down to Mission, is 107% of normal, increased from 102% at April 1st.

The cold winter and spring has resulted in well above normal (130+%) mid elevation snow in many river basins (Fraser, Thompson, Columbia, Kootenay, Skeena, etc.). Also, the cold April weather has delayed the onset of spring snowmelt significantly (which is reflected in the very high percent of normal

values for many low and mid elevation snow courses), and has allowed additional new snow to accumulate. These factors have allowed heavy snow accumulations across a range of elevations to develop, and to be retained largely unmelted into the first week of May.

### Outlook

The May 1st snow conditions are likely to produce near normal or slightly above normal runoff volumes in major rivers as the snow melts from now through to July. The Peace River basin is likely to experience above normal runoff volumes while the Okanagan and Similkameen are forecast to be slightly below normal. The snow conditions provide a very positive outlook for water-supply conditions for most of the province, with respect to community water-supply, instream flows, and groundwater and aquifer recharge.

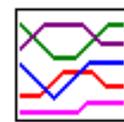
However, as a result of the cold spring weather and the significant delay in the onset of snowmelt, combined with the near normal high elevation snow and well above normal mid elevation snow, there is potential for above normal peak water levels on rivers during late May and June in the major Interior basins (Upper Fraser, North and South Thompson, Skeena, Nass, Kootenay, Columbia, and others). Should spring weather conditions be near normal (i.e., not unusually wet or unusually hot) there is a low likelihood of significant flooding on major rivers, however, very high water levels and some localized flooding should be anticipated. The snow and spring weather conditions suggest that the Fraser River at Hope will experience a peak discharge in June that may approach last year's peak of 11,000 m<sup>3</sup>/s. High water levels are similarly possible for the Thompson River system and along Shuswap Lake.

Snow conditions in the Okanagan and Similkameen basins have improved substantially with cold weather and snow fall during March and April. Their snowmelt runoff during May to July are likely to be in the 85-90% of normal range.

Flooding on Vancouver Island and other coastal drainages, such as the rivers draining out of the South Coast mountains, is unlikely, as they normally experience their high flows during fall and winter rain storms, not from spring snowmelt.

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### Upper Fraser & Nechako Basins



[Data  
Graphs](#)



[Snow Survey Data  
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### May 1

The snow water index for the Upper Fraser is 116% of normal for May 1st, a slight increase from 113% at Apr 1st. Low and mid elevation snow is well above normal (e.g., Pacific Lake = 136%, Hedrick Lake = 130%, Philip Lake = 126%).

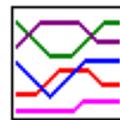
High elevation snow courses are varying between 90% and 130% of normal.

The Nechako snow water index is 95% of normal. The Mount Pondsosy (1B08P), Mount Wells (1B01P) and Tahtsa Lake (1B02P) snow pillows are all 81-100% of normal. The Mount Swannell snow course (1B06) is 115%.

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## Middle and Lower Fraser



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### May 1

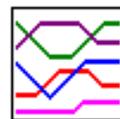
The Middle Fraser has a May 1st snow water index of 99% of normal, an increase from 93% at Mar 1st. The Chilcotin and Fraser Plateau areas have variable snow conditions, with snow nearly melted off at some low elevation sites such as Nazko (1C08). Barkerville (1A03P) east of Quesnel is 100%, and Horsefly Mountain (1C13A) is 123%. Southern portions of the Middle Fraser are near normal (e.g., Tyaughton Creek Upper (1C40) = 110%).

The Lower Fraser snow water index for May 1st is 109% of normal. The Chilliwack River snow pillow (1D17P) is 123% of normal. The Great Bear (1D15P) and Tenquille Lake (1D06P) snow pillows are both 100%. The Stave Lake (1D08) snow course, located along the north side of the Lower Fraser valley, is 111% of normal.

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## Thompson Basin



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### May 1

The Thompson River basin has above normal snow water conditions at May 1st. The North Thompson snow water index is 114% of normal, increased from 110% at Apr 1st. The South Thompson index is 106%. Low elevation snow appears to be well above normal for the date, reflecting the cold weather over much of the winter.

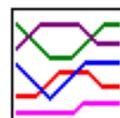
In the North Thompson basin, the Adams River (1E07) snow course is 103% of normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 107% and 114%, respectively.

The South Thompson basin received greater than normal snowfall during March and April, and the readings at many snow courses have increased. Enderby (1F04) is 106% of normal. The Park Mountain (1F03P) snow pillow is 107%. The mid elevation snow courses at Aberdeen Lake (1F01A) and Anglemont (1F02) are 415% and 131% of normal, respectively (Note: these numbers reflect the above normal snow accumulations at the peak of the winter in April, and then a 2-3 week delay in the onset of melt).

In the Nicola basin, Lac Le Jeune Upper (1C25) is 245% of normal, Brookmere (1C01) is 118%, and Gnawed Mountain (1C19) is 108%.

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## Columbia Basin



[Data  
Graphs](#)



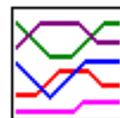
[Snow Survey Data  
Measurements](#)

### May 1

The Columbia basin snow index is 105% of normal, largely unchanged from Apr 1st. The Upper Columbia tends to have better snow conditions than the Lower Columbia. For the Upper Columbia, most snow courses are in the 95-115% of normal range, with a low of 92% for Bush River (2A23) and a high of 137% at the low elevation Downie Slide Lower (2A27). For the Lower Columbia, snow courses range from 92% at St. Leon Creek (2B08) to 128% at the mid elevation Farron snow course (2B02A).

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## Kootenay Basin



[Data  
Graphs](#)



[Snow Survey Data  
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### May 1

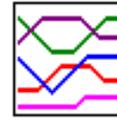
The overall Kootenay snow water index is 109% of normal, a substantial increase from 99% at Apr 1st. For the East Kootenay, values for individual snow survey sites range from a low of 71% at Thunder Creek (2C17) to a high of 191% at the low elevation Fernie East snow course (2C07). Other low elevation snow courses are also well above normal, reflecting the general conditions in the East Kootenay (e.g., Sinclair Pass - 2C01 - 167%). For the West Kootenay conditions are similar, with 177% at the low elevation Nelson snow course (2D04) and 102% at the high elevation East Creek (2D08P). Gray Creek Lower (2D05), with 58 years of record, is at 130% of normal. Overall, low elevation snow is well above normal in both

the West and East Kootenay.

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## Okanagan, Kettle, and Similkameen Basins



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[Graphs](#)



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

### May 1

The Okanagan Basin has benefited from the cold spring and significant late winter snowfall. The overall snow water index for the Okanagan-Kettle at May 1st is 103%, increased notably from 93% at Apr 1st, following cold weather and periods of snowfall during March and April. Mount Kobau (2F12) in the far south Okanagan is 71% of normal. Many snow courses are well above normal, reflecting the cold April and the delay in melt (e.g., McCulloch 2F03 - 227%, Oyama Lake 2F19 - 197%, Trout Creek 2F01 - 152%). The Brenda Mine (2F18) snow course on the west side of the Okanagan valley is 115%. The Mission Creek (2F05P) snow pillow east of Kelowna is 115% of normal, and Silver Star (2F10) near Vernon is 112%. These portions of the Okanagan valley are major water suppliers to Okanagan Lake, and so the above normal snow condition is very positive.

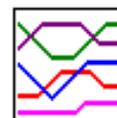
In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 105%, Big White (2E03) is 89% and the mid elevation Carmi (2E02) is 193%. The high value for Carmi reflects the delay in melt rather than large increases in snow accumulation.

Similar to the Okanagan Basin, snow conditions in the Similkameen have improved during March and April. Western portions of the Similkameen valley have near normal snow conditions while eastern portions appear to be slightly below normal (similar to adjacent areas of the southern Okanagan). The overall May 1st snow water index is 103% of normal, increased notably from 82% at Mar 1st and 90% at Apr 1st. The high elevation Blackwall Peak (2G03P) snow pillow is currently 107%. Missezula Mtn (2G05) is 100%. The mid elevation Lightning Lake snow course (3D02) is 149%. Eastern portions of the Similkameen basin, adjacent to the Okanagan, are likely closer to normal.

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## Vancouver Island & Coastal Regions



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[Graphs](#)



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

### May 1

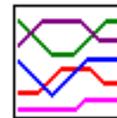
Snow packs on the Vancouver Island and Coastal regions continue to be well above normal as of May 1st. The Vancouver Island snow water index is 122% of normal, while the South Coast index is 120% of normal. On Vancouver Island, the Jump Creek (3B23P) snow pillow is 173% of normal, and the Forbidden Plateau (3B01) snow course is 116%. With the cold weather over the winter and spring, low elevation snow on Vancouver Island is particularly well developed. Wolf River Lower (3B19) at 640 metres is 259% of normal.

On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses are 160% and 144%, respectively. The Upper Squamish (3A25P) snow pillow is 103% of normal.

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### North East Region



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Graphs](#)



[Snow Survey Data  
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### May 1

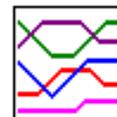
Precipitation in the Peace has been above normal for much of the winter, with some large snowfalls during March. The snow water index for the Peace River basin is 116% of normal at May 1st. Most snow courses, from low to high elevation, are above normal. Some low elevation sites are well above normal (e.g., Aiken Lake - 201%, Tutuzzi Lake - 139%). High elevation locations are generally in the 100-125% range.

For the Liard River basin, snow water equivalencies range from 79% at Deadwood River (4C09P) to 160% at Dease Lake (4C03). The basin average is 110%.

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### North West Region



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Graphs](#)



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### May 1

The Skeena/Nass basins have a snow water index of 110% of normal for May 1st, nearly unchanged from Apr 1st. For the three snow courses with the longest periods of record, Hudson Bay Mountain (4B03A), located near Smithers, is 107%, Johanson Lake (4B02), located in the north-east corner of the basin, is 97%, and Kidprice Lake (4B01) is 96%. The Tsai Creek (4B17P) snow pillow is

111% of normal. Western portions of the Skeena basin appear to have a lot of snow. The low elevation Wedeene River South snow course (3C07), located north of Kitimat, is at 425%.

Based on a limited survey, snow in the Stikine basin appears to be variable, but possibly near normal overall. The high elevation Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 91% and 88% of normal, respectively. The low elevation Ningunsaw Pass snow course (4B10) is 186%.

## UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PRINCE GEORGE A	1A10	690	27-Mar	59	161	136 %	128	65	313	0	118	46
PACIFIC LAKE	1A11	770	27-Mar	197	794	126 %	868	395	879	290	628	45
BURNS LAKE	1A16	800	31-Mar	69	172	133 %	254	68	264	0	129	36
CANOE RIVER	2A01A	910	27-Mar	33	100	102 %	114	65	262	0	98	67
PHILIP LAKE	4A13	980	28-Mar	120	382	133 %	449	240	449	176	287	45
HEDRICK LAKE	1A14	1100	27-Mar	217	850	124 %	835	447	1046	351	688	41
HEDRICK LAKE	1A14P	1100	01-Apr	-	941	122% *	1121	604	1121	581	772*	8
BIRD CREEK	1A23	1180	31-Mar	62	154	108% *	256	96	270	84	143*	18
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
LU LAKE	4B15	1300	27-Mar	112	296	93 %	504	196	504	162	318	31
LU LAKE	4B15P	1310	01-Apr	-	278	105% *	488	203	488	154	266*	9
EQUITY MINE	4B14	1420	27-Mar	140	383	95 %	610 A	314	640	258	405	31
MOUNT SHEBA	4A18	1490	27-Mar	256	1030	125 %	1294	600	1294	495	825	39
BARKERVILLE	1A03P	1520	01-Apr	-	326	84 %	439	259	524	221	387	31
MC BRIDE (UPPER)	1A02	1580	26-Mar	130	420	98 %	644	276	780	225	429	55
KNUDSEN LAKE	1A15	1580	27-Mar	225	908	110 %	1153	621	1255	485	826	39
MCBRIDE (UPPER)	1A02P	1620	01-Apr	-	394	57% *	694	-	694	694	694*	1
REVOLUTION CREEK	1A17P	1690	01-Apr	-	881	110 %	1170	579	1222	453	798	22
LONGWORTH (UPPER)	1A05	1740	27-Mar	252	1010	129 %	920	520	1234 A	467	784	52
DOME MOUNTAIN	1A19	1820	26-Mar	214	802	105 %	928	525	1057	416	761	37
DOME MOUNTAIN	1A19P	1820	01-Apr	-	743	95% *	1065	503	1065	503	784*	2
MARMOT JASPER	AL12	1830	01-Apr	81	194	83% *	313	134	422	102	233*	38
YELLOWHEAD	1A01P	1860	01-Apr	-	473	80 %	750	450	784	349	593	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												

## NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SKINS LAKE	1B05	880	01-Apr	38	110	99 %	184	76	203	0	111	44
TAHTSA LAKE	1B02	1300	31-Mar	302	1215	103 %	1800 A	1034	1800 A	775	1179	55
TAHTSA LAKE	1B02P	1300	01-Apr	-	1219	101 %	2240	1113	2240	860	1212	15
KIDPRICE LAKE	4B01	1370	01-Apr	213	863	94 %	1601	767	1601	622	919	54
MOUNT PONDOSY	1B08P	1400	01-Apr	-	677	85 %	1143	774	1143	564	798	16
MOUNT WELLS	1B01	1490	01-Apr	135	474	90 %	756	349	960	273	524	53
MOUNT WELLS	1B01P	1490	01-Apr	-	524	91 %	872	436	872	344	573	16
NUTLI LAKE	1B07	1490	01-Apr	138	476	89% *	798	427	798	301	532*	17
MOUNT SWANNELL	1B06	1620	30-Mar	94	268	92% *	490	169	490	148	292*	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

## MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PUNTZI MOUNTAIN	1C22	940	26-Mar	2	4	13 %	60	12	120 C	0	31	38
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63
NAZKO	1C08	1070	28-Mar	29	72	118 %	99	0	165 B	0	61	49
BIG CREEK	1C21	1140	30-Mar	1	4	25 %	0	2	119	0	16	37
GRANITE MOUNTAIN	1C33A	1150	27-Mar	85	272	150 %	194	135	261	73	181	15
DUFFEY LAKE	1C28	1200	01-Apr	140	507	100 %	728	484	866	244	507	30
PAVILION	1C06	1230	31-Mar	0	0	0 %	0	0	147	0	40	51
BRIDGE GLACIER (LOWER)	1C39	1400	02-Apr	152	532	85% *	910	608	1086	356	624*	13
DEADMAN RIVER	1C32	1430	28-Mar	49	128	122 %	118	100	188	30	105	24
BRALORNE	1C14	1450	02-Apr	47	127	71 %	247	141	389	0	178	45
SHOVELNOSE MOUNTAIN	1C29	1450	30-Mar	71	210 A	81 %	180	240	442	70	260	29
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	-	694	113 %	664	510	844	420	615	14
LAC LE JEUNE (UPPER)	1C25	1460	28-Mar	48	117	87 %	119	172	228	43	135	35
BRENDA MINE	2F18	1460	27-Mar	92	303	95 %	305	304	531	159	318	39
BRENDA MINE	2F18P	1460	01-Apr	-	357	91 %	385	395	497	227	394	15
HIGHLAND VALLEY	1C09A	1510	01-Apr	37	88	92 %	100	90	249	3A	96	42
BARKERVILLE	1A03P	1520	01-Apr	-	326	84 %	439	259	524	221	387	31
HORSEFLY MOUNTAIN	1C13A	1550	27-Mar	156	538	116 %	583	362	716	282	464	38
GNAWED MOUNTAIN	1C19	1580	01-Apr	50	112	89 %	134	86	307	21	126	40
MOUNT TIMOTHY	1C17	1660	26-Mar	122	364	111 %	357	248	533	186	327	45
YANKS PEAK EAST	1C41P	1670	01-Apr	-	911	110 %	964	653	994	521	829	11
PENFOLD CREEK	1C23	1680	26-Mar	272	1024	102 %	1226	854	1285	641	1000	32
GREEN MOUNTAIN	1C12P	1780	01-Apr	-	844	94 %	1344	869	1408	616	896	14
MCGILLIVRAY PASS	1C05	1800	02-Apr	148	480	80 %	805	562	1118	322	602	55
MISSION RIDGE	1C18P	1850	01-Apr	-	505	88 %	883	457	908	357	576	21
DOWNTON LAKE (UPPER)	1C38	1890	02-Apr	204	814	90 %	1250 A	812	1416	566	900	13
TYAUGHTON CREEK (NORTH)	1C40	1950	02-Apr	135	416	96 %	638	396	844	288	432	13
BRALORNE(UPPER)	1C37	1980	02-Apr	198	790 A	105 %	934	588	1010	440	755	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												

## LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMALLO RIVER WEST	3D01C	790	01-Apr	133	434	182 %	252	181	512 B	0	238	16
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63

CALLAGHAN CREEK	3A20	1040	31-Mar	252	1056	117 %	1218	936	1604	192	902	31
DICKSON LAKE	1D16	1070	01-Apr	512	2121	137 %	2130 A	1794	2990 A	412	1547	16
DOG MOUNTAIN	3A10	1080	02-Apr	392	1685 A	138 %	1608	1516	2720 A	51	1223	63
BEAVER PASS	WA12	1120	30-Mar	241	930	120% *	930	825 A	1849	94	774*	63
KLESILKWA	3D03A	1130	01-Apr	103	367	125 %	323	274	792	0	293	60
SPUZZUM CREEK	1D19P	1180	01-Apr	-	1819	120% *	2164	1868	2164	465	1511*	8
DUFFEY LAKE	1C28	1200	01-Apr	140	507	100 %	728	484	866	244	507	30
STAVE LAKE	1D08	1210	01-Apr	428	1770	114 %	1825	1807	2750 A	446	1554	40
WAHLEACH LAKE	1D09	1400	01-Apr	231	862	131 %	644	598	1270	125	659	40
WAHLEACH LAKE	1D09P	1400	01-Apr	-	1289	112 %	1353	1183	1380 P	614	1154	16
NAHATLATCH RIVER	1D10	1520	01-Apr	329	1360	96 %	1786	1375	2410 A	523	1417	40
CHILLIWACK RIVER	1D17P	1600	01-Apr	-	1665	121% *	1879	1564	1894	713	1379*	14
GREAT BEAR	1D15P	1660	01-Apr	-	1770	99 %	2070	1575	2400	769	1784	16
TENQUILLE LAKE	1D06P	1680	01-Apr	-	1005	97% *	1590	1035	1590	713	1031*	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

## NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BLUE RIVER	1E01B	670	29-Mar	89	344	125 %	418	190 A	425	154	276	25
KNOUFF LAKE	1E05	1200	30-Mar	51	166	115 %	154	126	274	58	144	52
COOK CREEK	1E14P	1280	01-Apr	-	608	106% *	769	484	769	409	571*	8
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	-	694	113 %	664	510	844	420	615	14
MOUNT COOK	1E02P	1550	01-Apr	-	1463	128% *	1440	1001	1440	939	1141*	7
AZURE RIVER	1E08P	1620	01-Apr	-	1230	106 %	1452	1046	1511	716	1155	11
ADAMS RIVER	1E07	1720	30-Mar	205	728	103 %	812	633	1069	435	707	38
KOSTAL LAKE	1E10P	1770	01-Apr	-	960	109 %	923	771	1165	618	878	23
TROPHY MOUNTAIN	1E03A	1860	29-Mar	165	558	102 %	560	512	888	332	545	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

## SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ANGLEMONT	1F02	1190	26-Mar	93	354	100 %	420	274	561	142	353	50
ABERDEEN LAKE	1F01A	1310	27-Mar	58	145	101 %	104	142	259	6	143	69
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
BOULEAU LAKE	2F21	1400	29-Mar	88	252	71 %	268	364	564	172 B	354	37
CELISTA	1F06P	1500	01-Apr	-	844	93% *	1118	850 A	1118	765	911*	3

ADAMS RIVER	1E07	1720	30-Mar	205	728	103 %	812	633	1069	435	707	38
KIRBYVILLE LAKE	2A25	1750	26-Mar	322	1250	105 %	1404	970	1816	701	1189	35
SILVER STAR MOUNTAIN	2F10	1840	30-Mar	222	782	103 %	741	829	1115	414	760	49
PARK MOUNTAIN	1F03P	1890	01-Apr	-	881	102 %	923	818	1207	549	867	23
ENDERBY	1F04	1900	29-Mar	292	1109	109 %	1063	1133	1430	610	1019	45

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

## UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
CANOE RIVER	2A01A	910	27-Mar	33	100	102 %	114	65	262	0	98	67
DOWNIE SLIDE (LOWER)	2A27	980	26-Mar	190	816	120 %	874	556	1062	448	680	30
GLACIER	2A02	1250	27-Mar	179	689	94 %	883	547	1161	371 B	730	71
FIELD	2A03A	1280	31-Mar	59	170	111 %	164	133	251	8	153	68
SUNWAPTA FALLS	AL11	1400	01-Apr	71	175	91% *	234	119	333	89	192*	39
VERMONT CREEK	2A19	1520	27-Mar	121	428	96 %	563	380	843	190	446	42
AZURE RIVER	1E08P	1620	01-Apr	-	1230	106 %	1452	1046	1511	716	1155	11
DOWNIE SLIDE (UPPER)	2A29	1630	26-Mar	370	1548	115 %	1750	1230	2360 A	858	1347	30
KICKING HORSE	2A07	1650	31-Mar	98	299	86 %	403	317	589	185	346	60
KIRBYVILLE LAKE	2A25	1750	26-Mar	322	1250	105 %	1404	970	1816	701	1189	35
MOUNT REVELSTOKE	2A06P	1830	01-Apr	-	1286	105 %	1489	1121	1686	709	1230	15
FIDELITY MOUNTAIN	2A17	1870	26-Mar	340	1363	109 %	1640	1002	1951	730	1248	45
BEAVERFOOT	2A11	1890	27-Mar	68	174	78 %	284	124	460	105	222	48
KEYSTONE CREEK	2A18	1890	26-Mar	225	950	115 %	989	734	1388	485	827	41
GOLDSTREAM	2A16	1920	26-Mar	319	1257	109 %	-	960	1638 A	785	1157	43
BUSH RIVER	2A23	1920	26-Mar	198	750	87 %	1100	676	1331	455	865	41
NIGEL CREEK	AL10	1920	01-Apr	117	366	87% *	556	300	700	198	419*	39
MOUNT ABBOT	2A14	1980	29-Mar	320	1347	107 %	1640	1150 A	1849	698	1256	49
MOLSON CREEK	2A21P	1980	01-Apr	-	1170	115 %	1553	1016	1553	651	1014	25
SUNBEAM LAKE	2A22	2010	26-Mar	234	899	98 %	1126	812	1384	590	917	41
MIRROR LAKE	AL06	2030	31-Mar	93	254	84% *	450	279	561	160	302*	68
BOW SUMMIT II	AL07A	2080	28-Mar	116	335	92% *	480	329	584 B	180	366*	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

## LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FERGUSON	2D02	880	27-Mar	147	563	96 %	760	505	881	142	587	70
BAIRD	WA02	980	01-Apr	91	290	185 %	130	213	363	0	157	48

FARRON	2B02A	1220	28-Mar	93	307	93 %	270	381	480	162	330	35
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
WHATSHAN (UPPER)	2B05	1480	02-Apr	164	589	88 %	685	670	964	350	668	49
BARNES CREEK	2B06	1620	02-Apr	150	508	98 %	450	419	768	299	518	50
BARNES CREEK	2B06P	1620	01-Apr	-	555	102 %	540	469	773	323	546	15
ST. LEON CREEK	2B08	1800	02-Apr	291	1124	90 %	1504	1055	1831	818	1253	38
ST. LEON CREEK	2B08P	1800	01-Apr	-	1009	89 %	1402	938	1553	581	1133	14
KOCH CREEK	2B07	1860	02-Apr	196	700	93 %	727	863	1156	397	755	47
RECORD MOUNTAIN	2B09	1890	31-Mar	215	780	104 %	718	-	1307	315	752	32
EAST CREEK	2D08P	2030	01-Apr	-	915	99 %	1174	839	1245	442	922	26

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
KISHENEHN	MT01	1190	30-Mar	94	292	147% *	155	-	465	36	198*	60
FERNIE EAST	2C07	1250	27-Mar	106	378	113 %	190	336	605	123	335	56
SINCLAIR PASS	2C01	1370	28-Mar	50	126	93 %	92	100	262 A	36	135	71
BRUSH CREEK TIMBER	MT03	1520	26-Mar	86	287	123% *	117	198	434	51	234*	56
SULLIVAN MINE	2C04	1550	29-Mar	99	268	86 %	296	268	538	137	313	62
VERMILION RIVER NO.3	2C20	1570	28-Mar	98	286	99% *	310	216	401	175	289*	14
WEASEL DIVIDE	MT02	1660	31-Mar	244	869	106% *	648	858	1346	312	820*	67
KIMBERLEY (MIDDLE) V O R	2C12	1680	28-Mar	87	259	93 %	236	246	462	116	279	39
BANFIELD MOUNTAIN	MT05	1710	26-Mar	155	546	106% *	373	419	919	196	517*	37
BANFIELD MOUNTAIN	MT05P	1710	01-Apr	-	516	123% *	386	447	739	229	421*	10
MOUNT JOFFRE	2C16	1750	27-Mar	109	330	85 %	340	282	711	179	388	39
MORRISSEY RIDGE	2C09Q	1800	01-Apr	-	701	94 %	671	754	1224	360	744	24
RED MOUNTAIN	MT04	1830	01-Apr	168	533	112% *	411	470	810	211	476*	69
MOYIE MOUNTAIN	2C10P	1930	01-Apr	-	529	132 %	522	480	679	216	401	28
HAWKINS LAKE	MT06P	1970	01-Apr	-	742	123% *	732	688	1001	310	601*	10
ALLISON PASS	AL01	1980	28-Mar	129	425	90% *	419	476	823	247	473*	44
WILKINSON SUMMIT (BUSH)	AL03	1980	28-Mar	67	170	81% *	186	188	460	100	211*	44
THUNDER CREEK	2C17	2010	27-Mar	76	225	78 %	280	268	475	140 A	287	37
FLOE LAKE	2C14	2090	27-Mar	190	680	86 %	844	634	1242	411	791	38
FLOE LAKE	2C14P	2090	01-Apr	-	683	94 %	881	615	1001	360	724	13
KIMBERLEY (UPPER) V O R	2C11	2140	28-Mar	132	427	91 %	497	405	798	197	467	39
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27-Mar	116	321	83% *	401	323	681	180	389*	37
MOUNT ASSINIBOINE	2C15	2230	27-Mar	148	468	85 %	634	472	816	252	551	39
SUNSHINE VILLAGE	AL05	2230	31-Mar	172	541	90% *	660	520	996	277	598*	40

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DUNCAN LAKE NO. 2	2D07A	650	29-Mar	47	172	221% *	104	0	223	0	78*	17
FERGUSON	2D02	880	27-Mar	147	563	96 %	760	505	881	142	587	70
NELSON	2D04	930	26-Mar	106	355	95 %	297	332	622	137	372	70
SANDON	2D03	1070	-	-	-	-		323	585	71	357	68
CHAR CREEK	2D06	1310	01-Apr	178	600	107 %	493	666	940	273	563	42
BUNCHGRASS MEADOW	WA01P	1520	01-Apr	-	732	99% *	551	876	1214	414	736*	10
GRAY CREEK (LOWER)	2D05	1550	28-Mar	153	502	106 %	425 A	431	688	290	472	59
KOCH CREEK	2B07	1860	02-Apr	196	700	93 %	727	863	1156	397	755	47
MOUNT TEMPLEMAN	2D09	1860	27-Mar	-	Not Sampled	-	1300	1024	1608	688	1076	37
GRAY CREEK (UPPER)	2D10	1910	28-Mar	241	830	106 %	765	621	1123	492	783	37
EAST CREEK	2D08P	2030	01-Apr	-	915	99 %	1174	839	1245	442	922	26
REDFISH CREEK	2D14P	2104	01-Apr	-	1377	112% *	1486	1144	1519	994	1230*	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

## KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
GOAT CREEK	WA04	1100	31-Mar	64	183	168 %	89	208	274	0	109	43
FARRON	2B02A	1220	28-Mar	93	307	93 %	270	381	480	162	330	35
CARMI	2E02	1250	03-Apr	39	104	73 %	94	146	290	14	142	45
MONASHEE PASS	2E01	1370	02-Apr	105	335	98 %	308	286	517	188	343	58
SUMMIT G.S.	WA05	1400	31-Mar	114	284	135 %	221	333	338	23	210	45
BIG WHITE MOUNTAIN	2E03	1680	03-Apr	135	440	87 %	450	542	762	332	507	42
GRANO CREEK	2E07P	1860	01-Apr	-	495	91% *	559	630	769	334	541*	10
BLUEJOINT MOUNTAIN	2E06	2040	02-Apr	182	667	90 %	717	848	1175	329	742	28

A - SAMPLING PROBLEMS WERE ENCOUNTERED  
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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED  
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\* - PERIOD OF RECORD AVERAGE

## OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMMERLAND RESERVOIR	2F02	1280	27-Mar	84	230	102 %	255	241	389	96	226	71
MC CULLOCH	2F03	1280	31-Mar	57	148	95 %	88	180	249	38	155	70
ABERDEEN LAKE	1F01A	1310	27-Mar	58	145	101 %	104	142	259	6	143	69

OYAMA LAKE	2F19	1340	01-Apr	63	144	85 %	129	176	255	61	170	37
POSTILL LAKE	2F07	1370	31-Mar	69	184	82 %	182	215	348	109	224	57
VASEUX CREEK	2F20	1400	03-Apr	34	92	59 %	92	112	239	40	157	37
BOULEAU LAKE	2F21	1400	29-Mar	88	252	71 %	268	364	564	172 B	354	37
TROUT CREEK	2F01	1430	28-Mar	73	200	110 %	208	180	396	52	182	71
ESPERON CR (MIDDLE)	2F14	1430	29-Mar	102	316	85 %	334	406	607	196	372	40
BRENDA MINE	2F18	1460	27-Mar	92	303	95 %	305	304	531	159	318	39
BRENDA MINE	2F18P	1460	01-Apr	-	357	91 %	385	395	497	227	394	15
ISLAHT LAKE	2F24	1480	01-Apr	104	322	92 %	338	358	501	165 A	349	25
GREYBACK RESERVOIR	2F08	1550	01-Apr	76	197	85 %	220	244	351	114	233	54
ESPERON CR (UPPER)	2F13	1650	29-Mar	113	350	80 %	370	434	805	244	435	39
ISINTOK LAKE	2F11	1680	27-Mar	63	144	79 %	138	172	424	66	183	43
MACDONALD LAKE	2F23	1740	27-Mar	143	426	92 %	510	544	677	257	463	31
MUTTON CREEK #1	WA07	1740	24-Mar	114	384	111 %	411 B	617 B	721	56 B	344	67
MISSION CREEK	2F05P	1780	01-Apr	-	473	100 %	461	480	728	278	472	36
GRAYSTOKE LAKE	2F04	1810	-	-	Not Sampled	-	296	350 A	828	196	405	38
MOUNT KOBAN	2F12	1810	30-Mar	86	236	74 %	320	434	602	105	318	42
WHITEROCKS MOUNTAIN	2F09	1830	29-Mar	158	537	92 %	577	658	1021	318	586	53
SILVER STAR MOUNTAIN	2F10	1840	30-Mar	222	782	103 %	741	829	1115	414	760	49

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	26-Mar	56	167	83 %	206	204	399	51	201	63
FREEZEOUT CREEK TRAIL	WA11	1070	29-Mar	117	399	133% *	284	350	665	8	299*	63
LIGHTNING LAKE	3D02	1220	26-Mar	111	361	118 %	369	338	622	60	305	60
HAMILTON HILL	2G06	1490	27-Mar	92	288	81 %	325	242	851	83	356	48
MISSEZULA MOUNTAIN	2G05	1550	27-Mar	70	162	67 %	210	182	516 B	90	242	47
ISINTOK LAKE	2F11	1680	27-Mar	63	144	79 %	138	172	424	66	183	43
LOST HORSE MOUNTAIN	2G04	1920	30-Mar	79	221	91 %	-	260	533	138	243	44
BLACKWALL PEAK	2G03P	1940	01-Apr	-	848	102 %	979	735	1494	400	833	40
HARTS PASS	WA09	1980	30-Mar	312	1219	113% *	1288	1194	1725	510	1082*	65
HARTS PASS	WA09P	1980	01-Apr	-	1057	107% *	1257	1123	1770	429	984*	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

## SOUTH COASTAL Drainage Basin

				Apr 2008	Historic, Water Equivalent (mm)	Yrs
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Snow Course Name and Number	Elev. metres	Date of Survey	Snow Depth cm	Water Equiv. mm	% of Normal	2007	2006	Max.	Min.	Normal	of Record	
						mm	mm	mm	mm	mm		
PALISADE LAKE	3A09	880	01-Apr	470	2020A	140 %	1810 A	1701	3560 A	285	1440	59
POWELL RIVER (LOWER)	3A05	910	30-Mar	254	1025	138 %	997	649	1554	85	743	47
POWELL RIVER (UPPER)	3A02	1040	30-Mar	323	1205	115 %	1320 A	948	1813	467	1046	44
CALLAGHAN CREEK	3A20	1040	31-Mar	252	1056	117 %	1218	936	1604	192	902	31
DOG MOUNTAIN	3A10	1080	02-Apr	392	1685A	138 %	1608	1516	2720 A	51	1223	63
GROUSE MOUNTAIN	3A01	1100	03-Apr	417	1830A	152 %	1870 A	1576	2670 A	44	1203	72
ORCHID LAKE	3A19	1190	01-Apr	504	2170A	114 %	2370 A	2126	3770 A	748	1905	34
UPPER SQUAMISH RIVER	3A25P	1340	01-Apr	-	1601	99 %	2089	1643	2089	803	1620	17
NOSTETUKO RIVER	3A22P	1500	01-Apr	-	578	97% *	1058	503	1058	233	595*	17
UPPER MOSELY CREEK	3A24P	1650	01-Apr	-	225	77% *	506	240	567	135	292*	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

## VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ELK RIVER	3B04	270	01-Apr	37	156	175 %	41	0	607	0	89	46
WOLF RIVER (LOWER)	3B19	640	01-Apr	163	636	167 %	394	516	1198	0	381	36
UPPER THELWOOD LAKE	3B10	980	01-Apr	524	2216	143 %	2050 A	1914	3200 A	354	1554	48
WOLF RIVER (MIDDLE)	3B18	1070	01-Apr	248	942	142 %	814	970	1706	0	664	36
FORBIDDEN PLATEAU	3B01	1130	01-Apr	446	1941	122 %	1987	1815	3550 A	387	1595	53
JUMP CREEK	3B23P	1160	01-Apr	-	1909	158 %	1556	1455	1643	184	1208	11
MOUNT COKELY	3B02A	1250	03-Apr	280	1156	134 %	1116	1174	2100 A	331	864	27
WOLF RIVER (UPPER)	3B17P	1490	01-Apr	-	1442	102 %	1783	1652	1878	305	1420	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

## NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
WEDEENE RIVER SOUTH	3C07	300	28-Mar	170	722	196 %	900 A	259	900 A	36	368*	24
TAHTSA LAKE	1B02	1300	31-Mar	302	1215	103 %	1800 A	1034	1800 A	775	1179	55
TAHTSA LAKE	1B02P	1300	01-Apr	-	1219	101 %	2240	1113	2240	860	1212	15
BURNT BRIDGE CREEK	3C08P	1330	01-Apr	-	885	118% *	1384	675	1384	201	752*	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

## SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SUMALLO RIVER WEST	3D01C	790	01-Apr	133	434	182 %	252	181	512 B	0	238	16
FREEZEOUT CREEK TRAIL	WA11	1070	29-Mar	117	399	133% *	284	350	665	8	299*	63
BEAVER PASS	WA12	1120	30-Mar	241	930	120% *	930	825 A	1849	94	774*	63
KLESILKWA	3D03A	1130	01-Apr	103	367	125 %	323	274	792	0	293	60
HARTS PASS	WA09P	1980	01-Apr	-	1057	107% *	1257	1123	1770	429	984*	10
FORT ST. JOHN A	4A25	690	30-Mar	50	140	137 %	226	56	226	0	102	34
WARE (LOWER)	4A04	980	29-Mar	-	Not Sampled	-	240	175	316	112 B	188	45
TUTIZZI LAKE	4A06	1070	28-Mar	101	325	127 %	351	230	406	166	255	45
TSAYDAYCHI LAKE	4A12	1160	28-Mar	166	559	142 %	639	322	639	234	394	45
GERMANSEN (UPPER)	4A05	1500	28-Mar	148	487	138 %	491	275	523	200	352	46
MOUNT STEARNS	4A21	1500	29-Mar	58	146	99 %	223	102	239	59	148	33
JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45
MONKMAN CREEK	4A20	1550	27-Mar	148	541	91 %	991	332	1067	313	593	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												

## PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FORT ST. JOHN A	4A25	690	30-Mar	50	140	137 %	226	56	226	0	102	34
PACIFIC LAKE	1A11	770	27-Mar	197	794	126 %	868	395	879	290	628	45
BULLHEAD MOUNTAIN	4A28	790	-	-	Not Sampled	-	224 B	-	224 B	0	95	21
WARE (LOWER)	4A04	980	29-Mar	-	Not Sampled	-	240	175	316	112 B	188	45
PHILIP LAKE	4A13	980	28-Mar	120	382	133 %	449	240	449	176	287	45
AIKEN LAKE	4A30P	1040	01-Apr	-	289	112 %	368	199	371	199	258	21
TUTIZZI LAKE	4A06	1070	28-Mar	101	325	127 %	351	230	406	166	255	45
TSAYDAYCHI LAKE	4A12	1160	28-Mar	166	559	142 %	639	322	639	234	394	45
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
PULPIT LAKE	4A09	1310	29-Mar	151	514	128 %	590	346	590	297	402	45
PULPIT LAKE	4A09P	1310	01-Apr	-	509	124 %	619	347	619	347	411	17
FREDRICKSON LAKE	4A10	1310	28-Mar	97	301	123 %	313	218	351	163 B	245	45
PINE PASS	4A02P	1400	01-Apr	-	1298	118 %	1551	939	1551	844	1101	16
TRYGVE LAKE	4A11	1400	28-Mar	135	451	126 %	511	351	511	257	359	45
SIKANNI LAKE	4C01	1400	29-Mar	103	325	121 %	360 A	201	380	166	268	45
PINE PASS	4A02	1430	29-Mar	405	1653	144 %	1653	1016	1653	668	1150	46
MORFEE MOUNTAIN	4A16	1450	28-Mar	268	1037	121 %	1043	596	1158	555	854	40
LADY LAURIER LAKE	4A07	1460	29-Mar	172	612	122 %	854	424	854	342	503	44
MOUNT SHEBA	4A18	1490	27-Mar	256	1030	125 %	1294	600	1294	495	825	39
GERMANSEN (UPPER)	4A05	1500	28-Mar	148	487	138 %	491	275	523	200	352	46
MOUNT STEARNS	4A21	1500	29-Mar	58	146	99 %	223	102	239	59	148	33

JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45
MONKMAN CREEK	4A20	1550	27-Mar	148	541	91 %	991	332	1067	313	593	29
WARE (UPPER)	4A03	1570	29-Mar	100	290	114 %	328	222	390	157	254	44
KWADACHA RIVER	4A27P	1620	01-Apr	-	371	111% *	394	281	446	236	333*	23

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FORT NELSON A	4C05	380	02-Apr	37	75	79 %	148	90	198	23	95	42
WATSON LAKE A	YK01	700	30-Mar	77	175	134% *	215	146	229	71	131*	41
FRANCES RIVER	YK02	730	27-Mar	83	200	129% *	213	150	302	76	155*	31
DEASE LAKE	4C03	820	27-Mar	54	130 A	96 %	188 A	61	259	50 A	136	43
JADE CITY	4C15	940	30-Mar	93	244	106% *	278	162	322	162	230*	6
SUMMIT LAKE	4C02	1280	28-Mar	62	113	99 %	-	70	240	0	114	38
DEADWOOD RIVER	4C09P	1300	01-Apr	-	123	83% *	195	101	283	70	149*	14
SIKANNI LAKE	4C01	1400	29-Mar	103	325	121 %	360 A	201	380	166	268	45

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TERRACE A	4B13A	180	26-Mar	60	214	268% *	257	32	333	0	80*	28
BEAR PASS	4B11A	460	31-Mar	168	626	89 %	1013	506	1013	408	706	24
NINGUNSAW PASS	4B10	690	27-Mar	141	520	119 %	730 A	328	730 A	231	438	33
GRANDUC MINE	4B12P	790	01-Apr	-	1496 A	85% *	1909	-	1909	1609	1750*	5
CEDAR-KITEEN	4B18P	885	01-Apr	-	711	99% *	1129	495	1129	454	715*	7
MCKENDRICK CREEK	4B07	1050	27-Mar	109	317	107 %	373	204	427	183	297	40
TACHEK CREEK	4B06	1140	27-Mar	104	280	121 %	358	178	362	112	232	40
KAZA LAKE	1A12	1190	28-Mar	142	465	138 %	414	275	453	226	338	43
LU LAKE	4B15	1300	27-Mar	112	296	93 %	504	196	504	162	318	31
LU LAKE	4B15P	1310	01-Apr	-	278	105% *	488	203	488	154	266*	9
TSAI CREEK	4B17P	1360	01-Apr	-	1241	108% *	1831	1024	1831	919	1150*	10
KIDPRICE LAKE	4B01	1370	01-Apr	213	863	94 %	1601	767	1601	622	919	54
TRYGVE LAKE	4A11	1400	28-Mar	135	451	126 %	511	351	511	257	359	45
EQUITY MINE	4B14	1420	27-Mar	140	383	95 %	610 A	314	640	258	405	31
CHAPMAN LAKE	4B04	1460	27-Mar	145	466	98 %	666	362	762	315	474	43
HUDSON BAY MTN.	4B03A	1480	28-Mar	162	544	104 %	755	367	846	356	524	36
MOUNT CRONIN	4B08	1480	27-Mar	173	581	95 %	726	478	1097	433	612	39

SHEDIN CREEK	4B16P	1480	01-Apr	-	923	105% *	1054	765	1054	690 A	880*	12
JOHANSON LAKE	4B02	1540	28-Mar	106	345	119 %	394	249	417	173	291	45

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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\* - PERIOD OF RECORD AVERAGE

## STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TELEGRAPH CREEK	4D01	580	26-Mar	31	82	53 %	248	140	343	37	156	33
NINGUNSAW PASS	4B10	690	27-Mar	141	520	119 %	730 A	328	730 A	231	438	33
DEASE LAKE	4C03	820	27-Mar	54	130A	96 %	188 A	61	259	50A	136	43
ISKUT	4D02	1000	02-Apr	38	89	83 %	180 A	90	180 A	0	107	33
KINASKAN LAKE	4D11P	1020	01-Apr	-	285	72% *	634	315	634	256	397*	17
TUMEKA CREEK	4D10P	1220	01-Apr	-	Not Sampled	-	-	-	869	387	588*	16
WADE LAKE	4D14P	1370	01-Apr	-	339	100% *	315	308	527	232	340*	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

## YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
ATLIN LAKE	4E02A	730	31-Mar	50	105	83% *	267	80	267	50	126*	24
LOG CABIN	4E01	880	29-Mar	125	382	103 %	560	334	596	213	372	48
PINE LK AIRSTRIP	YK03	1010	26-Mar	109	286	128% *	240	205	351	122	224*	32
MONTANA MTN.	YK05	1020	26-Mar	66	150	107% *	228	111	228	84	140*	31
TAGISH	YK04	1080	26-Mar	77	177	128% *	242	118	242	73	138*	31

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

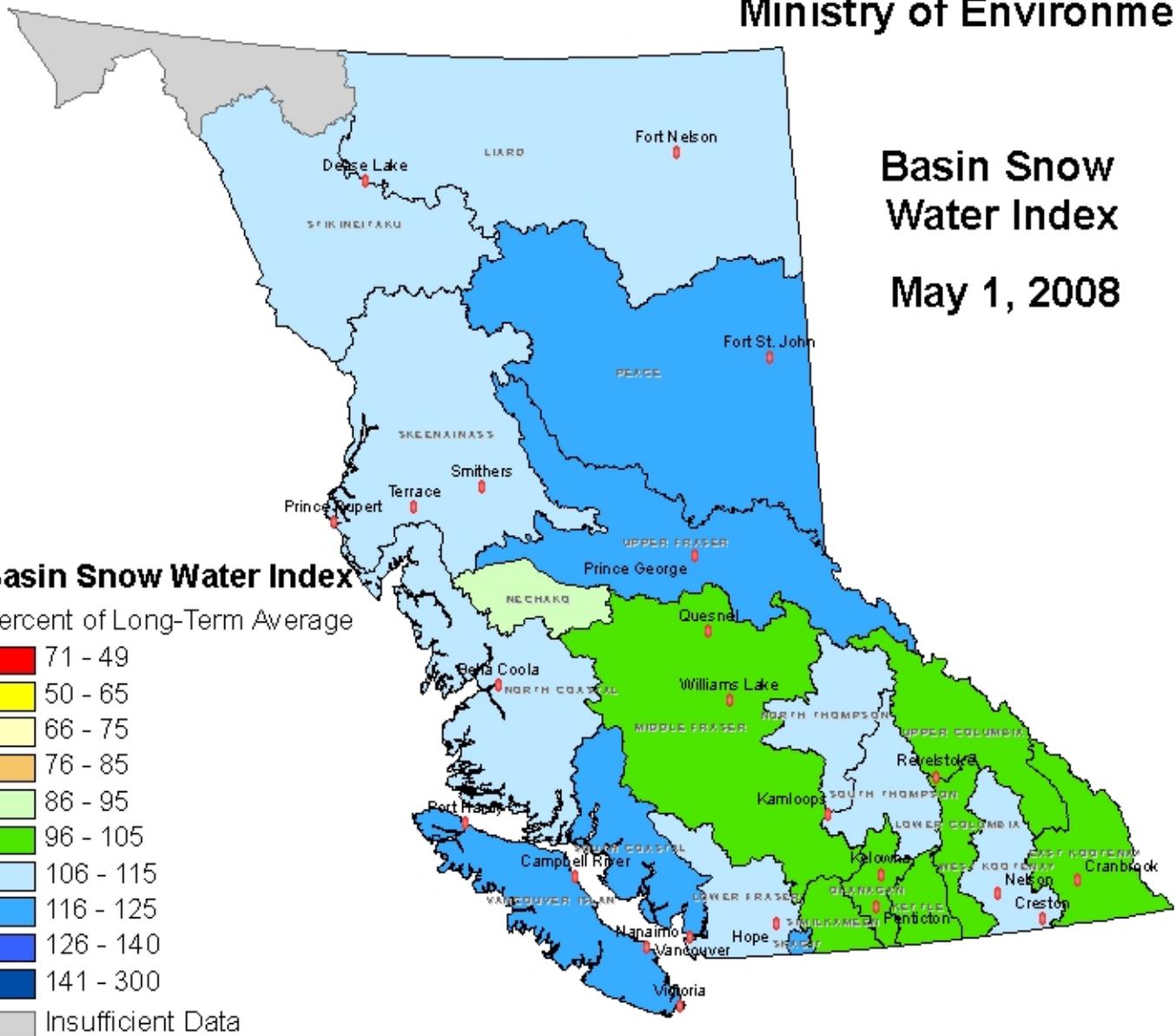
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

# River Forecast Centre Ministry of Environment

## Basin Snow Water Index May 1, 2008



### Basin Snow Water Index

Percent of Long-Term Average

- 71 - 49
- 50 - 65
- 66 - 75
- 76 - 85
- 86 - 95
- 96 - 105
- 106 - 115
- 116 - 125
- 126 - 140
- 141 - 300
- Insufficient Data

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- [Province-Wide Synopsis](#)
- [Basin Snow Water Index Map](#)

## Basin Data and Graphs

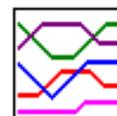
- [Upper Fraser](#)
- [Mid and Lower Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
- [North East](#)
- [North West](#)
- [Groundwater](#)
- [2008 Survey schedule](#)
- [2008 Snow Survey network](#)

## Snowpack and Water Supply Outlook for British Columbia

May 15, 2008

**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



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

The May 1st snow survey is now complete. Data from 37 snow courses and 57 snow pillows around the province, with 2 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

The release of the May 15 Snow Bulletin has been delayed due to flood emergencies, and the report has been truncated.

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### Snowpack

Unseasonably cool temperatures throughout April and the first part of May resulted in significant delays to the start of this snow season's freshet snowmelt. Basin snow water indices have increased over the past two weeks, as a result in the delay in the onset of snowmelt. As of May 15th, basin snow water indices are:

- Upper Fraser – 124% of normal
- Nechako – 93%
- Middle Fraser – 107%
- Lower Fraser – 108%
- North Thompson – 119%
- South Thompson – 112%
- Columbia - 107%
- Kootenay – 122%
- Okanagan-Kettle – 114%
- Similkameen – 119%
- South Coastal – 114%

- Vancouver Island – 126%
- Peace – 125%
- Skeena / Nass – 117%
- Stikine 165%\*

With the onset of warmer temperatures last week and over the Victoria Day weekend, rapid snowmelt began. This produced rapidly rising water levels in rivers throughout B.C., and flooding conditions on many rivers and streams. A number of High Streamflow Advisories, Flood Watches and Flood Warnings were released by the River Forecast Centre over the past week, and many remain in place today.

Large portions of the mid elevation snow throughout the province has melted over the past seven days. However, because of the late onset of the spring thaw, most high elevation snow remains to melt. The spring snowmelt and flood risk period will continue at least until mid-June.

With respect to water-supply and summer stream flow, the snow conditions this spring are very favourable. Most major Interior and Coastal river basin in the province is forecast to have normal or above normal summer water-supply and stream flow. The Okanagan basin is anticipated to be slightly below normal, with a forecast of 90% of normal inflow to Okanagan Lake during the May to August period.

### **Outlook**

The May 15th snow conditions are likely to produce near normal or slightly above normal runoff volumes in major rivers as the snow melts from now through to July. The Peace River basin is likely to experience above normal runoff volumes while the Okanagan and Similkameen continue to be forecast for slightly below normal. The snow conditions provide a very positive outlook for water-supply conditions for most of the province, with respect to community water-supply, instream flows, and groundwater and aquifer recharge.

However, as a result of the cold spring weather and the significant delay in the onset of snowmelt, combined with the near normal high elevation snow and well above normal mid elevation snow, there is elevated flood risk this spring. Flooding has already occurred though the south and central interior, in the Mt. Currie area, on the Upper Fraser River, and elsewhere. The snowmelt and flood risk season is not likely to be substantially diminished until mid-June.

Snow conditions in the Okanagan and Similkameen basins have improved substantially with cold weather and snow fall during March and April. Their snowmelt runoff during May to July are likely to be in the 85-90% of normal range.

## UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PACIFIC LAKE	1A11	770	15-May	108	538	158%	554	-	728	0	341	32
BURNS LAKE	1A16	800	14-May	0	0	-	0	-	0	0	0	17
HEDRICK LAKE	1A14	1100	15-May	148	703	128%	-	-	869	162	550	20
HEDRICK LAKE	1A14P	1100	15-May	-	938	130%*	1050	585	1050	435	722*	8
LU LAKE	4B15P	1310	15-May	-	173	131%*	445	75	445	0	132*	9
BARKERVILLE	1A03P	1520	15-May	-	281	120%	341	214	503	0	234	30
MC BRIDE (UPPER)	1A02	1580	16-May	92	358	98%	640	236	752	24	367	40
KNUDSEN LAKE	1A15	1580	15-May	211	1002	120%	1271	-	1271	359	832	32
MCBRIDE (UPPER)	1A02P	1620	15-May	-	394	60%*	660	-	660	660	660*	1
REVOLUTION CREEK	1A17P	1690	15-May	-	930	130%	1249	477	1249	228	713	22
LONGWORTH (UPPER)	1A05	1740	16-May	224	1082	140%	1008	-	1219	292	772	53
DOME MOUNTAIN	1A19	1820	16-May	185	890	109%	1075	595	1168	385	813	35
DOME MOUNTAIN	1A19P	1820	15-May	-	825	91%*	1208	611	1208	611	910*	2
YELLOWHEAD	1A01P	1860	15-May	-	480	83%	732	405	825	139	579	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

## NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TAHTSA LAKE	1B02P	1300	15-May	-	1234	98%	2347	1228	2347	671	1255	15
MOUNT PONDOSY	1B08P	1400	15-May	-	567	88%	1179	637	1198	207	645	15
MOUNT WELLS	1B01P	1490	15-May	-	463	91%	951	369	951	171	510	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

## MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	14-May	4	22	63%	0	-	208	0	35	25
BOSS MOUNTAIN MINE	1C20P	1460	15-May	-	615	133%	547	375	761	184	464	14
BRENDA MINE	2F18P	1460	15-May	-	146	-	0	0	125	0	0	15
BARKERVILLE	1A03P	1520	15-May	-	281	120%	341	214	503	0	234	30
MOUNT TIMOTHY	1C17	1660	09-May	90	332	165%	243	134	466	0	201	39

YANKS PEAK EAST	1C41P	1670	15-May	-	1001	125%	1017	664	1125	398	800	11
PENFOLD CREEK	1C23	1680	16-May	219	1092	107%	1303	897	1400	585	1019	38
GREEN MOUNTAIN	1C12P	1780	15-May	-	805	95%	1356	881	1366	424	845	14
MISSION RIDGE	1C18P	1850	15-May	-	438	115%	752	381	878	0	382	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	14-May	4	22	63%	0	-	208	0	35	25
DOG MOUNTAIN	3A10	1080	15-May	326	1655	150%	1499	1244	2920Z	0	1100	22
SPUZZUM CREEK	1D19P	1180	15-May	-	1913	141%*	2093	1748	2093	49	1361*	8
WAHLEACH LAKE	1D09P	1400	15-May	-	1400A	146%	1170	1259	1624	335	960	16
CHILLIWACK RIVER	1D17P	1600	15-May	-	1714	134%*	1947	1706	2186	405	1281*	13
GREAT BEAR	1D15P	1660	15-May	-	1815	100%	2145	1639	2436	660	1823	16
TENQUILLE LAKE	1D06P	1680	15-May	-	1009	102%*	1699	1061	1699	469	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

## NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BLUE RIVER	1E01B	670	15-May	0	0	-	0	-	0	0	0	8
COOK CREEK	1E14P	1280	15-May	-	356	216%*	263	0	345	0	165*	8
BOSS MOUNTAIN MINE	1C20P	1460	15-May	-	615	133%	547	375	761	184	464	14
MOUNT COOK	1E02P	1550	15-May	-	1613	130%*	1665	1181	1793	855	1243*	7
AZURE RIVER	1E08P	1620	15-May	-	1305	106%	1591	1028	1665	743	1230	11
ADAMS RIVER	1E07P	1720	10-May	193	782	110%	796	682	1158	280	712	36
KOSTAL LAKE	1E10P	1770	15-May	-	1035	117%	964	765	1357	568	887	23
TROPHY MOUNTAIN	1E03A	1860	10-May	186	698	115%	638	560	1114	301	608	26

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
ANGLEMONT 1F02	1190	14-May	31	147	147%	12	-	361	0	100	17
CELISTA 1F06P	1500	15-May	-	Not Sampled	-	1155	-	1155	488	822*	2
ADAMS RIVER 1E07P	1720	10-May	193	782	110%	796	682	1158	280	712	36
SILVER STAR MOUNTAIN 2F10	1840	18-May	157	772	117%	623	758	1054	100	661	49
PARK MOUNTAIN 1F03P	1890	15-May	-	1043	113%	975	908	1321	474	927	23
ENDERBY 1F04	1900	15-May	284	1323	121%	1102	1126	1499	662	1089	45
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											

## UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
AZURE RIVER 1E08P	1620	15-May	-	1305	106%	1591	1028	1665	743	1230	11
MOUNT REVELSTOKE 2A06P	1830	15-May	-	1294	100%	1504	1196	1777	700	1297	15
MOLSON CREEK 2A21P	1980	15-May	-	1335	128%	1707	1144	1707	602	1040	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											

## LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
FARRON 2B02A	1220	15-May	28	117	106%	0	57	222	0	110	28
BARNES CREEK 2B06P	1620	15-May	-	675	154%	330	394	761	94	438	15
ST. LEON CREEK 2B08P	1800	15-May	-	1084	100%	1380	964	1568	639	1080	14
RECORD MOUNTAIN 2B09	1890	13-May	147	618	91%	538	912	1367	83	676	33
EAST CREEK 2D08P	2030	15-May	-	1016	110%	1215	933	1387	461	925	26
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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	

Snow Course Name and Number	metres	Survey	cm	mm	Normal	mm	mm	mm	mm	mm	Record
FERNIE EAST	2C07	14-May	35	160A	348%	0	0	290	0	46	46
SULLIVAN MINE	2C04	13-May	53	150	143%	0T	0	457	0	105	56
BANFIELD MOUNTAIN	MT05P	15-May	-	417	137%	0	188	569	0	305	10
MORRISSEY RIDGE	2C09Q	15-May	-	731	159%	483	619	1091	0	460	24
MOYIE MOUNTAIN	2C10P	15-May	-	435	171%	94	233	552	0	255	27
HAWKINS LAKE	MT06P	15-May	-	798	113%	493	668	1067	178	706	10
FLOE LAKE	2C14P	15-May	-	821	107%	938	649	1088	304	765	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

## WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
NELSON	2D04	930	12-May	18	83	208%	-	-	243	0	40	39
CHAR CREEK	2D06	1310	15-May	113	511	183%	180A	465	715	0	279	38
BUNCHGRASS MEADOW	WA01P	1520	15-May	-	653	112%	269	663	1163	150	582	11
EAST CREEK	2D08P	2030	15-May	-	1016	110%	1215	933	1387	461	925	26
REDFISH CREEK	2D14P	2104	15-May	-	1523	112%*	1609	1320	1748	1024	1356*	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

## KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FARRON	2B02A	1220	15-May	28	117	106%	0	57	222	0	110	28
BIG WHITE MOUNTAIN	2E03	1680	16-May	62	371	95%	304	442	732	0	390	42
GRANO CREEK	2E07P	1860	15-May	-	608	117%*	427	675	855	290	518*	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

## OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	

SUMMERLAND RESERVOIR	2F02	1280	15-May	0	0	0%	0	0	218	0	32	42
POSTILL LAKE	2F07	1370	15-May	30	143	125%*	-	-	180	71	114*	5
VASEUX CREEK	2F20	1400	15-May	-	Not Sampled	-	0Z	0	80	0	9	36
TROUT CREEK	2F01	1430	15-May	7	28	93%	11	0	307	0	30	55
BRENDA MINE	2F18P	1460	15-May	-	146	-	0	0	125	0	0	15
ISLAHT LAKE	2F24	1480	16-May	47	195	85%*	-	157	352	157	230*	3
GREYBACK RESERVOIR	2F08	1550	14-May	41	137	137%	0Z	60	323	0	100	36
ISINTOK LAKE	2F11	1680	15-May	30	87	112%	0	71	386	0	78	42
MISSION CREEK	2F05P	1780	15-May	-	581	143%	364	514	829	0	407	36
MOUNT KOBAN	2F12	1810	15-May	55	209	82%	212	375	516	0	254	41
WHITEROCKS MOUNTAIN	2F09	1830	14-May	114	485	121%	348	541	968	0	401	37
SILVER STAR MOUNTAIN	2F10	1840	18-May	157	772	117%	623	758	1054	100	661	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

## SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	14-May	4	22	63%	0	-	208	0	35	25
HAMILTON HILL	2G06	1490	12-May	44	156	260%	-	-	434	0	60	31
MISSEZULA MOUNTAIN	2G05	1550	13-May	38	106	196%	0	0	218	0	54	44
ISINTOK LAKE	2F11	1680	15-May	30	87	112%	0	71	386	0	78	42
LOST HORSE MOUNTAIN	2G04	1920	15-May	-	Not Sampled	-	-	173	577	0	192	42
BLACKWALL PEAK	2G03P	1940	15-May	-	844	120%	848	593	1481	199	706	40
HARTS PASS	WA09P	1980	15-May	-	1128	118%	1105	1049	1748	345	952	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

## SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DOG MOUNTAIN	3A10	1080	15-May	326	1655	150%	1499	1244	2920Z	0	1100	22
ORCHID LAKE	3A19	1190	15-May	420	2004	105%	2587	2016	3730A	774	1900	26
ORCHID LAKE	3A19P	1190	-	-	-	-	2250	-	2804	536	1770*	19
UPPER SQUAMISH RIVER	3A25P	1340	15-May	-	1504	99%	1950	1673	1950	709	1515	17
NOSTETUKO RIVER	3A22P	1500	15-May	-	386	101%*	908	420	908	19	381*	16
UPPER MOSELY CREEK	3A24P	1650	15-May	-	180	120%*	480	161	480	0	150*	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

## VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
JUMP CREEK 3B23P	1160	15-May	-	1890	194%	1268	1369	1474	0	975	11
WOLF RIVER (UPPER) 3B17P	1490	15-May	-	1405	108%	1676	1640	1726	213	1300	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

## NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE 1B02P	1300	15-May	-	1234	98%	2347	1228	2347	671	1255	15
BURNT BRIDGE CREEK 3C08P	1330	15-May	-	840	130%*	1444	555	1444	206	644*	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

## SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
HARTS PASS WA09P	1980	15-May	-	1128	118%	1105	1049	1748	345	952	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

## PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	

PACIFIC LAKE	1A11	770	15-May	108	538	158%	554	-	728	0	341	32
AIKEN LAKE	4A30P	1040	15-May	-	173	-	214	64	214	0	0	21
PULPIT LAKE	4A09P	1310	15-May	-	418	182%	576	314	576	49	230	17
PINE PASS	4A02P	1400	15-May	-	1311	122%	1658	1045	1658	813	1073	16
KWADACHA RIVER	4A27P	1620	15-May	-	428	127%*	446	334	468	109	338*	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DEADWOOD RIVER	4C09P	1300	15-May	-	102	189%*	138	90	207	0	54*	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## SKEENA/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
GRANDUC MINE	4B12P	790	15-May	-	1670	105%*	1980	-	1980	1421	1590*	5
CEDAR-KITEEN	4B18P	885	15-May	-	550	125%*	972	338	972	116	440*	7
LU LAKE	4B15P	1310	15-May	-	173	131%*	445	75	445	0	132*	9
TSAI CREEK	4B17P	1360	15-May	-	1443	115%*	2138	1091	2138	810	1254*	10
HUDSON BAY MTN.	4B03A	1480	14-May	127	530	120%	822	306	822	160	441	35
SHEDIN CREEK	4B16P	1480	15-May	-	Not Sampled	-	1241	896	1241	660	964*	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

## STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
KINASKAN LAKE	4D11P	1020	15-May	-	211	102%*	544	266	544	0	207*	17
TUMEKA CREEK	4D10P	1220	15-May	-	Not Sampled	-	-	771	195	435*	16	
WADE LAKE	4D14P	1370	15-May	-	478	174%*	360	386	427	0	274*	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

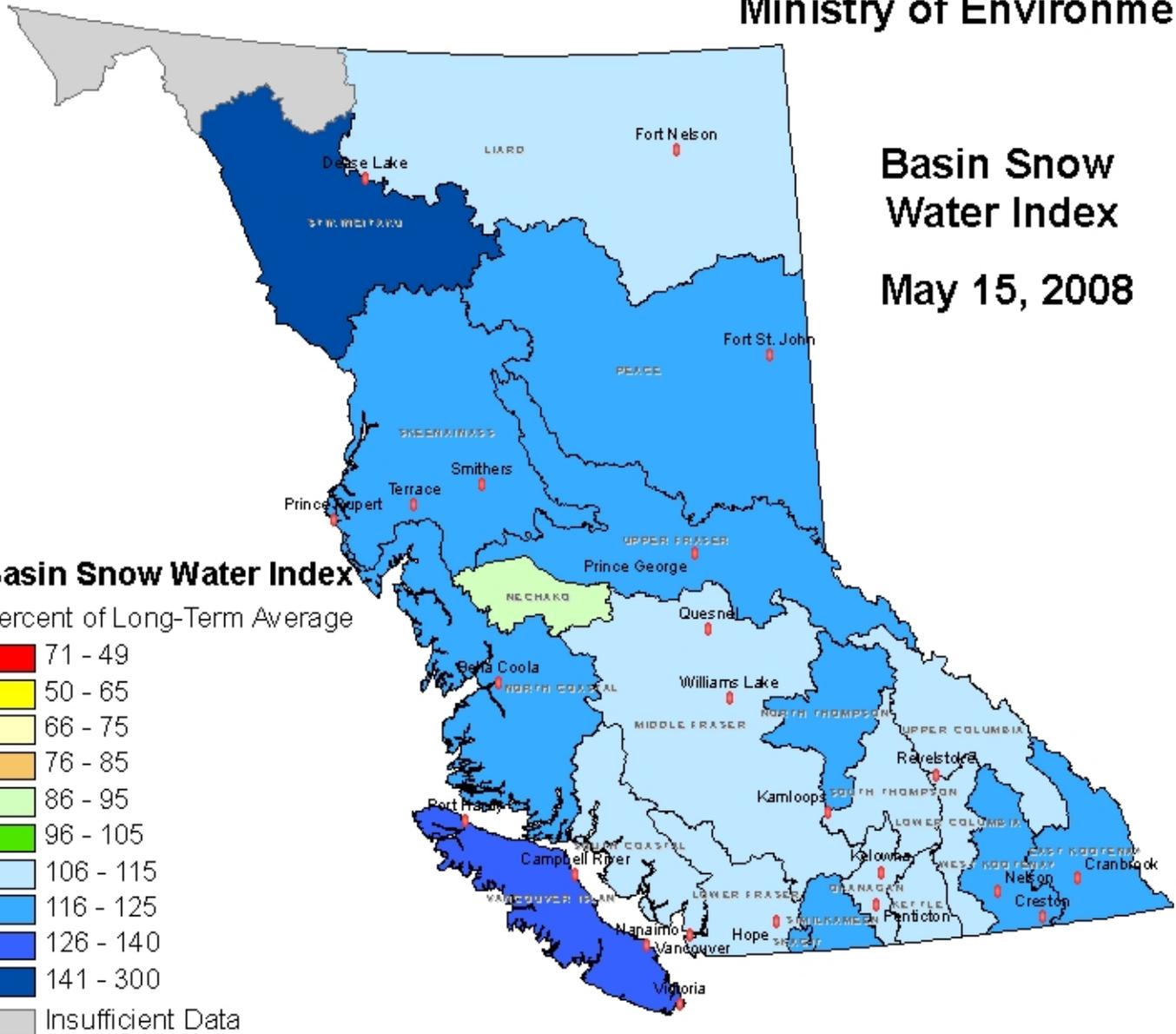
## YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
LOG CABIN #E01	880	15-May	76	265	133%	375	289	420	0	200	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

# River Forecast Centre Ministry of Environment

## Basin Snow Water Index May 15, 2008



## Snowpack and Water Supply Outlook for British Columbia

### Contents

- [Province-Wide Synopsis](#)

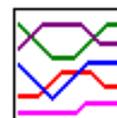
June 1, 2008

**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.**

### Basin Data and Graphs

- [Upper Fraser](#)
- [Mid and Lower Fraser](#)
- [Thompson](#)
- [Columbia](#)
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- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
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- [North West](#)
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### Province-wide Synopsis



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

The limited June 1st snow survey is now complete. Data from 32 snow courses and 56 snow pillows around the province, with 7 out of province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

### Snowpack

Following an unseasonably cold April and cool first two weeks of May, snowmelt began in earnest over the Victoria Day weekend in mid-May. Five days of well above normal temperatures during May 16-20 triggered rapid snowmelt and produced rapidly rising water levels in rivers throughout B.C. High water levels and flooding occurred on many rivers and streams, particularly in the south and central Interior, in the Mt. Currie - Pemberton area, and elsewhere. Following the hot spell, near or slightly above normal temperatures for the remainder of May maintained the progress of snowmelt. Light and/or scattered rain showers during late May augmented the snowmelt, and helped keep river levels high.

Following two weeks of abundant melt, basin snow water indices have all declined from their May 15th values. In all basins, substantial snowmelt and runoff has occurred, and snowpacks are notably diminished from their peak levels of three weeks ago.

- Snow water indices in a number of river basins are near normal for June 1st (South Thompson, Columbia, Kootenay, South Coast).
- Other basins are remain above normal (Upper Fraser, North Thompson, Peace, Vancouver Island).
- Others are well below normal (Nechako, Mid Fraser, Okanagan,

Similkameen, Skeena/Nass).

Snow conditions are highly variable within and among basins. In general, low elevation snow has all melted, and mid elevation snow is either substantially depleted or entirely melted in some areas. Substantial high elevation snow remains, and will continue to melt through the remainder of June and into July. In some basins (Okanagan, Similkameen, Nicola, mid Fraser) it is largely only high elevation snow that remains. In others (upper Fraser, lower Fraser, Peace, West Kootenay, and Vancouver Island) significant mid and high elevation snow remains.

## **Outlook**

High river levels and flooding occurred on a number of rivers during late May, principally in the south and central interior, but also in Mt. Currie-Pemberton area, the Fraser River at Prince George and elsewhere. For Prince George, the flooding this spring was their 3rd period of flooding in the past 12 months! The Fraser River through the Lower Mainland reached a peak on May 26, with a discharge near 10,200 cubic metres per second at Hope, and a water level of 5.75 metres at Mission. Since then, the Fraser has been receding slowly. Given the current snow conditions, there is a low probability for it to rise again to approach or surpass this late May peak.

The Skeena, Nass, and Bulkley rivers have also receded substantially from their late May peaks, and are unlikely to threaten those peaks again this spring. The Thompson River at Kamloops is peaking this week.

The spring 2008 snow conditions will produce near normal or slightly above normal runoff volumes in major rivers as the snow melts from now through to July. The Peace River basin, rivers on Vancouver Island, and many coastal rivers, are likely to experience above normal spring and summer runoff volumes. The snow conditions this year provide a very positive outlook for water-supply conditions for most of the province, for community water-supply, instream flows, and groundwater and aquifer recharge.

The Okanagan and Similkameen continue to be forecast for below normal spring and summer runoff (85-90% of normal). These arid basins have potential to experience water-supply challenges this year, particularly if late spring and summer weather should become hot and dry.

## UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
PACIFIC LAKE	1A11	770	28-May	48	239	337%	306	-	411	0	71	33
HEDRICK LAKE	1A14	1100	28-May	82	414	129%	-	-	665	0	320	22
HEDRICK LAKE	1A14P	1100	01-Jun	-	551	157%*	705	0	1380	0	352*	8
BIRD CREEK	1A23	1180	30-May	0	0	-	0Z	0	0Z	0Z	0*	14
LU LAKE	4B15P	1310	01-Jun	-	0	0%*	173	0	180	0	42*	9
BARKERVILLE	1A03P	1520	01-Jun	-	0	0%	38	0	291	0	66	24
MC BRIDE (UPPER)	1A02	1580	28-May	-	Not sampled	-	370	0	592	0	204	40
KNUDSEN LAKE	1A15	1580	28-May	145	749	113%	1113	-	1113	0	662	32
MCBRIDE (UPPER)	1A02P	1620	01-Jun	-	45	15%*	308	-	308	308	308*	1
REVOLUTION CREEK	1A17P	1690	01-Jun	-	608	123%	974	96	974	0	495	23
LONGWORTH (UPPER)	1A05	1740	28-May	156	838	142%	870	-	1194	0	591	50
DOME MOUNTAIN	1A19	1820	28-May	129	754	114%	947	425	1062	0	664	36
DOME MOUNTAIN	1A19P	1820	01-Jun	-	536	65%*	1069	581	1069	581	825*	2
YELLOWHEAD	1A01P	1860	01-Jun	-	218	47%	593	71	857	0	464	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												

## NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
SKINS LAKE	1B05	880	30-May	0	0	-	0Z	-	0Z	0Z	0	17
TAHTSA LAKE	1B02	1300	30-May	164	924	92%	1828Z	746	1828Z	406	1007	33
TAHTSA LAKE	1B02P	1300	01-Jun	-	841	84%	2164	832	2164	277	1001	15
KIDPRICE LAKE	4B01	1370	30-May	55	260	39%	1359A	380	1359A	0	666	33
MOUNT PONDOSY	1B08P	1400	01-Jun	-	Not sampled	-	930	201	951	0	280	15
MOUNT WELLS	1B01	1490	30-May	13	58	23%	516Z	41	529	0	250	31
MOUNT WELLS	1B01P	1490	01-Jun	-	21	8%	722	0	722	0	250	16
NUTLI LAKE	1B07	1490	30-May	23	97	43%*	618Z	74	618Z	0	227*	17
MOUNT SWANNELL	1B06	1620	30-May	0	0	0%*	244Z	0	350Z	0	114*	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												

## MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	

Snow Course Name and Number	metres	Survey	cm	mm	Normal	mm	mm	mm	mm	mm	Record	
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	-	229	131%	146	0	435	0	175	14
BRENDA MINE	2F18P	1460	01-Jun	-	0	-	0	0	0	0	0	14
BARKERVILLE	1A03P	1520	01-Jun	-	0	0%	38	0	291	0	66	24
MOUNT TIMOTHY	1C17	1660	31-May	0	0	0%	39	-	332	0	52	37
YANKS PEAK EAST	1C41P	1670	01-Jun	-	589	100%	623	240	1016	128	590	10
PENFOLD CREEK	1C23	1680	28-May	158	869	103%	1146	687	1354	353	847	37
GREEN MOUNTAIN	1C12P	1780	01-Jun	-	402	66%	1030	536	1183	140	610	14
MISSION RIDGE	1C18P	1850	01-Jun	-	0	0%	404	24	573	0	151	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

## LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
CALLAGHAN CREEK	3A20	1040	29-May	72	400	182%	646	168	1228	0	220	24
DOG MOUNTAIN	3A10	1080	05-Jun	211	1191	140%	1182	762	2480Z	0	850	21
BEAVER PASS	WA12	1120	31-May	102	510	160%*	467	470	1270	0	319*	14
SPUZZUM CREEK	1D19P	1180	01-Jun	-	1616	151%*	1722	1376	1823	0	1070*	8
WAHLEACH LAKE	1D09P	1400	01-Jun	-	1241	191%	948	1006	1359	0	650	15
CHILLIWACK RIVER	1D17P	1600	01-Jun	-	1301	130%*	1602	1234	1969	0	1000*	12
GREAT BEAR	1D15P	1660	01-Jun	-	1579	101%	1766	1339	2539	296	1568	16
TENQUILLE LAKE	1D06P	1680	01-Jun	-	634	84%*	1418	746	1418	225	754*	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

## NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
COOK CREEK	1E14P	1280	01-Jun	-	0	0%*	0	0	8	0	1*	8
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	-	229	131%	146	0	435	0	175	14
MOUNT COOK	1E02P	1550	01-Jun	-	1459	150%*	1268	926	1579	593	973*	7
AZURE RIVER	1E08P	1620	01-Jun	-	907	88%	1351	634	1778	473	1030	11
ADAMS RIVER	1E07	1720	31-May	105	542	91%	476	456	1155	0	595	38
KOSTAL LAKE	1E10P	1770	01-Jun	-	855	122%	668	504	1377	155	700	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

## SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
CELISTA 1F06P	1500	01-Jun	-	Not sampled	-	840	-	840	116	478*	2
ADAMS RIVER 1E07	1720	31-May	105	542	91%	476	456	1155	0	595	38
SILVER STAR MOUNTAIN 2F10	1840	02-Jun	94	502	107%	260	362	980	0	468	49
PARK MOUNTAIN 1F03P	1890	01-Jun	-	911	123%	660	604	1269	296	742	22
ENDERBY 1F04	1900	31-May	212	1068	111%	709	935	1422	430	960	44
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
AZURE RIVER 1E08P	1620	01-Jun	-	907	88%	1351	634	1778	473	1030	11
MOUNT REVELSTOKE 2A06P	1830	01-Jun	-	1084	95%	1204	825	2063	240	1146	15
MOLSON CREEK 2A21P	1980	01-Jun	-	1024	126%	1478	787	1512	98	810	24
BOW SUMMIT II AL07A	2080	28-May	32	127	76%*	336	14	414	0	167*	26
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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
BARNES CREEK 2B06P	1620	01-Jun	-	304	148%	0	0	529	0	205	15
ST. LEON CREEK 2B08P	1800	01-Jun	-	772	95%	1091	619	1580	225	815	14
RECORD MOUNTAIN 2B09	1890	02-Jun	23	102	23%	232	551	1073	0	442	31
EAST CREEK 2D08P	2030	01-Jun	-	761	99%	1162	610	1256	111	770	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											

## EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
FERNIE EAST	2C07	1250	28-May	0	0	0%	-	-	51	0	5	13
SULLIVAN MINE	2C04	1550	30-May	0	0	0%	0	0	137	0	13	25
BANFIELD MOUNTAIN	MT05P	1710	01-Jun	-	46	62%	0	-	254	0	74	10
MORRISSEY RIDGE	2C09Q	1800	01-Jun	-	244	174%	0	0	810	0	140	23
RED MOUNTAIN	MT04	1830	28-May	41	198	157%*	10	0	559	0	126*	41
MOYIE MOUNTAIN	2C10P	1930	01-Jun	-	0	0%	0	0	438	0	60	22
HAWKINS LAKE	MT06P	1970	01-Jun	-	356	72%	0	94	947	0	495	11
FLOE LAKE	2C14P	2090	01-Jun	-	551	90%	746	364	979	98	610	13
HIGHWOOD SUMMIT (BUSH)	AL02	2210	27-May	126	458	127%*	418	233	671	89	361*	27
SUNSHINE VILLAGE	AL05	2230	28-May	134	541	112%*	583	331	902	107	484*	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

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## WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
CHAR CREEK	2D06	1310	02-Jun	32	144	262%	0	77	327	0	55	33
BUNCHGRASS MEADOW	WA01P	1520	01-Jun	-	229	180%	0	244	800	0	127	10
GRAY CREEK (LOWER)	2D05	1550	29-May	60	294	140%	98	70	551	0	210	54
GRAY CREEK (UPPER)	2D10	1910	29-May	139	705	132%	542	395	1120	0	535	35
EAST CREEK	2D08P	2030	01-Jun	-	761	99%	1162	610	1256	111	770	25
REDFISH CREEK	2D14P	2104	01-Jun	-	1234	108%*	1253	1140	1624	760	1140*	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

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## KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BIG WHITE MOUNTAIN	2E03	1680	31-May	26	102	50%	24	112	658	0	202	42
GRANO CREEK	2E07P	1860	01-Jun	-	326	107%*	30	368	754	0	305*	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

## OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
TROUT CREEK 2F01	1430	01-Jun	0	0	0%*	0	-	114	0	57*	2
BRENDA MINE 2F18P	1460	01-Jun	-	0	-	0	0	0	0	0	14
MISSION CREEK 2F05P	1780	01-Jun	-	334	142%	38	214	641	0	236	36
MOUNT KOBAY 2F12	1810	31-May	0	0	0%	0	236	488	0	132	42
WHITEROCKS MOUNTAIN 2F09	1830	30-May	23	93	47%	71	175	848	0	196	36
SILVER STAR MOUNTAIN 2F10	1840	02-Jun	107	502	107%	260	362	980	0	468	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											

## SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
FREEZEOUT CREEK TRAIL WA11	1070	30-May	0	0	0%*	0	0	152	0	11*	15
HAMILTON HILL 2G06	1490	29-May	0	0	0%	-	-	401	0	10	21
MISSEZULA MOUNTAIN 2G05	1550	30-May	0	0	-	-	-	0	0	0	16
BLACKWALL PEAK 2G03P	1940	01-Jun	-	503	111%	476	274	1253	0	452	40
HARTS PASS WA09	1980	30-May	157	874	95%*	805	965	1737	338	920*	15
HARTS PASS WA09P	1980	01-Jun	-	632	103%	716	635	1557	76	615	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											

## SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
CALLAGHAN CREEK 3A20	1040	29-May	72	400	182%	646	168	1228	0	220	24
DOG MOUNTAIN 3A10	1080	05-Jun	211	1191	140%	1182	762	2480Z	0	850	21
ORCHID LAKE 3A19	1190	01-Jun	-	-	-	2300A	1362	3648Z	174	1560	28
UPPER SQUAMISH RIVER 3A25P	1340	01-Jun	-	1178	97%	1729	1320	1729	461	1220	17
NOSTETUKO RIVER 3A22P	1500	01-Jun	-	0	0%*	582	53	582	0	107*	16
UPPER MOSELY CREEK 3A24P	1650	01-Jun	-	0	0%*	214	0	214	0	32*	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

## VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
JUMP CREEK 3B23P	1160	01-Jun	-	1234	237%	728	758	983	0	520	11
WOLF RIVER (UPPER) 3B17P	1490	01-Jun	-	923	94%	1426	1228	2465	58	980	20

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

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## NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE 1B02	1300	30-May	164	924	92%	1828Z	746	1828Z	406	1007	33
TAHTSA LAKE 1B02P	1300	01-Jun	-	841	84%	2164	832	2164	277	1001	15
BURNT BRIDGE CREEK 3C08P	1330	01-Jun	-	281	83%*	1133	120	1133	0	338*	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

## SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
FREEZEOUT CREEK TRAIL WA11	1070	30-May	0	0	0%*	0	0	152	0	11*	15
BEAVER PASS WA12	1120	31-May	102	510	160%*	467	470	1270	0	319*	14
HARTS PASS WA09	1980	30-May	157	874	95%*	805	965	1737	338	920*	15
HARTS PASS WA09P	1980	01-Jun	-	632	103%	716	635	1557	76	615	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

## PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE 1A11	770	28-May	48	239	337%	306	-	411	0	71	33
AIKEN LAKE 4A30P	1040	01-Jun	-	0	-	0	0	0	0	0	21
PULPIT LAKE 4A09P	1310	01-Jun	-	6	-	241	0	241	0	0	17
PINE PASS 4A02P	1400	01-Jun	-	1064	134%	1500A	640	1500A	183	795	15
KWADACHA RIVER 4A27P	1620	01-Jun	-	233	108%*	319	176	458	0	216*	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											

## LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
DEADWOOD RIVER 4C09P	1300	01-Jun	-	0	0%*	0	0	31	0	2*	14
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## SKEENA/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
GRANDUC MINE 4B12P	790	01-Jun	-	1365A	121%	1796	-	1796	818	1127*	5
CEDAR-KITEEN 4B18P	885	01-Jun	-	112	61%*	646	0	646	0	184*	7
LU LAKE 4B15P	1310	01-Jun	-	0	0%*	173	0	180	0	42*	9
TSAI CREEK 4B17P	1360	01-Jun	-	957	92%*	2123	776	2123	371	1041*	10
KIDPRICE LAKE 4B01	1370	30-May	55	260	39%	1359A	380	1359A	0	666	33
HUDSON BAY MTN. 4B03A	1480	30-May	53	229	80%	669	14	729	0	288	35
SHEDIN CREEK 4B16P	1480	01-Jun	-	Not sampled	-	1279	634	1279	98	736*	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											

## STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 1, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	

KINASKAN LAKE	4D11P	1020	01-Jun	-	0	0%*	248	0	248	0	22*	17
TUMEKA CREEK	4D10P	1220	01-Jun	-	Not sampled	-	-	-	488	0	152*	16
WADE LAKE	4D14P	1370	01-Jun	-	176	212%*	150	139	243	0	83*	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

## Contents

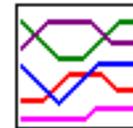
• [Province-Wide Synopsis](#)**Basin Data and Graphs**

- [Upper Fraser](#)
- [Mid & Lower Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
- [North East](#)
- [North West](#)
- [Ground Water](#)
- [2008 Survey schedule](#)
- [2008 Snow Survey network](#)

**Snow Survey Bulletin****Snowpack and Water Supply Outlook for British Columbia**

June 15, 2008

**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**

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

The June 15th snow survey is now complete. Data from 5 snow courses and 56 snow pillows around the province have been used to form the basis for the following reports. This is the final *Snow Survey Bulletin* for the 2007/08 snow season.

**Snowpack**

The 2008 spring snowmelt is well advanced. The snow water indices for most basins are above normal for the date, reflecting the cool spring weather and slow melt. In most areas, low and mid elevation snow is gone, and approximately one-quarter to one-half of the high elevation snow remains to melt. The largest amount of snow still being recorded is on Vancouver Island (snow water index = 1090 mm, 151% of normal) and the South Coast (index = 852 mm, 121% of normal). High elevation portions of the Thompson and Columbia still retain about one-half of their peak late winter snow.

**Weather**

Weather over the past three weeks has been dominated by a series of weak

frontal systems moving off the Pacific and through the province. Weather has been consistently cool and damp. Precipitation has generally been near normal for most of the province, with the north-east corner (e.g., the Liard basin) being notably wetter than normal. Temperatures have been near or slightly below normal. The cool weather has allowed snowmelt to proceed in a subdued and orderly manner.

Most mainstem rivers in the province experienced their freshet peak flows in late May or early June. Since then, most rivers have been receding. Rainfall during late May and early June has moderated the flow recession in some areas.

Rapid snowmelt during a hot period in mid-May produced high flows (in the 2-5 year return period range) in small and mid-sized rivers in portions of the Interior (South Thompson, Nicola, mid-Fraser, Upper Fraser, elsewhere). No significant flooding (in the 20+ year return period range) occurred this spring.

Most gauged rivers in the province are near or above median flows for mid-June.

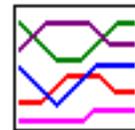
## Outlook

There are no water supply issues for the province evident at this time.

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### Upper Fraser & Nechako Basins



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### June 15

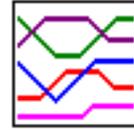
The upper Fraser snow index is 116% of normal at June 15, with about 30% of high elevation snow remaining to melt. The Nechako index is 68% of normal, with about one-quarter of high elevation snow left to melt. Precipitation in the Upper Fraser was near normal for May and early June.

The Fraser River at Shelley (at Prince George) peaked on May 22, near 4300 cubic metres per second..

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## Middle and Lower Fraser



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### June 15

Snow water equivalencies throughout the Middle Fraser are very low, with all the plateau snow melted completely. For the Lower Fraser, the June 15 index is 108% of normal, with about one-half of the high elevation snow remaining to melt.

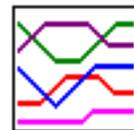
The Fraser River at Hope experienced a peak discharge near 10,200 on May 25. Flows are currently receding, and are near normal for mid-June.

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## Thompson Basin



[Data  
Graphs](#)



[Snow Survey Data  
Measurements](#)

### June 15

The North Thompson snow water index is 117% of normal for June 15. Low and mid elevation snow has melted off. The South Thompson snow water index is at 121%. In both basins, about one-half of high elevation snow remains to melt.

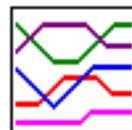
The North Thompson River at McLure peaked on May 22 at 1920 cms,

while the Thompson River near Spences Bridge peaked on May 25 at 2720 cms. They are currently receding and are near normal for the date.



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## Columbia Basin



[Data  
Graphs](#)



[Snow Survey Data  
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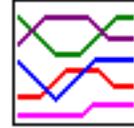
### June 15

Relatively very few snow surveys are conducted in the Columbia basin at this sampling date. Based on the limited sample, snowpacks in Columbia are near 50% of normal.

Streamflows in the region, as represented by the mean monthly flow in the Columbia River at Donald, are currently receding, after experiencing their freshet peaks in early June.

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## Kootenay Basin



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



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

### June 15

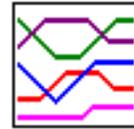
Based on a limited sample, the Kootenay snow water index is 88% of normal on June 15. All low and mid elevation snow throughout the Kootenays is gone, with about one-third of the peak high elevation snow remaining.

Most rivers throughout the West and East Kootenay experienced high flows in late May. No significant flooding occurred this spring.

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## Okanagan, Kettle, and Similkameen Basins



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



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

### June 15

Most snow in the Okanagan, Kettle and Similkameen has melted, and most areas are snow free, with the exception of remnant patches at high elevation.

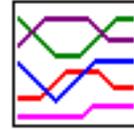
Small streams in the Okanagan basin experienced their high flows in mid-May, and are now receding. They are generally near seasonally normal discharge levels for mid-June.

The Similkameen, Tulameen and Kettle rivers experienced their freshet peak flows in mid-May. They are currently slightly near normal for mid-June.

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## Vancouver Island & Coastal Regions



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



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

### June 15

Vancouver Island and the South Coast continue with significant high elevation snow. The Vancouver Island index is 151% of normal, while the South Coast index is 121%. About one-half of high elevation snow remains to melt.

May and the first half of June were cool and damp throughout the coast. The rain and continuing snowmelt have maintained streamflows at above normal levels as of mid-June, and provides a positive outlook for summer streamflows.

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## North East Region



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



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

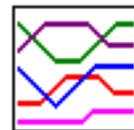
### June 15

Based on a limited survey, the Peace River basin snow index is 151% of normal for June 15, with about one-third of high elevation snow remaining to melt.

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## North West Region



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



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

**June 15**

The Skeena/Nass basin snow water index almost snow free, with just a portion of high elevation snow remaining to melt.

Regional stream flows, as reflected by the mean monthly flows in the Skeena River at Usk, were above normal during early June. The Skeena River experienced a freshet peak of 4950 cms on May 28.

## UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
HEDRICK LAKE 1A14P	1100	15-Jun	-	26	70%*	0	0	293	0	37*	8
LU LAKE 4B15P	1310	15-Jun	-	0	-	0	0	0	0	0*	9
BARKERVILLE 1A03P	1520	15-Jun	-	0	-	0	0	37	0	0	15
MCBRIDE (UPPER) 1A02P	1620	15-Jun	-	0	-	0	0	0	0	0*	2
REVOLUTION CREEK 1A17P	1690	15-Jun	-	345	144%	616	0	724	0	240	22
DOME MOUNTAIN 1A19P	1820	15-Jun	-	326	67%*	694	278	694	278	486*	2
YELLOWHEAD 1A01P	1860	15-Jun	-	0	0%	210	0	641	0	229	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

## NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE 1B02P	1300	15-Jun	-	610	94%	871	369	1871	0	649	15
MOUNT PONDOSY 1B08P	1400	15-Jun	-	Not sampled	-	481	0	481	0	0	15
MOUNT WELLS 1B01P	1490	15-Jun	-	0	-	320	0	320	0	0	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

## MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
BOSS MOUNTAIN MINE 1C20P	1460	15-Jun	-	0	-	0	0	131	0	0	14
BRENDA MINE 2F18P	1460	15-Jun	-	0	-	0	0	0	0	0*	15
BARKERVILLE 1A03P	1520	15-Jun	-	0	-	0	0	37	0	0	15
YANKS PEAK EAST 1C41P	1670	15-Jun	-	353	112%	180	0	754	0	315	11
GREEN MOUNTAIN 1C12P	1780	15-Jun	-	195	57%	796	192	933	0	340	14
MISSION RIDGE 1C18P	1850	15-Jun	-	0	-	148	0	253	0	0	21

A - SAMPLING PROBLEMS WERE ENCOUNTERED  
 B - EARLY OR LATE SAMPLING  
 C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED  
 E - ESTIMATED BASED ON AREAL AVERAGE  
 \* - PERIOD OF RECORD AVERAGE

## LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
DOG MOUNTAIN 3A10	1080	16-Jun	174	984	205%	828	383	2088Z	0	480	22
SPUZZUM CREEK 1D19P	1180	15-Jun	-	1395	196%*	291	953	1403	0	713*	8
WAHLEACH LAKE 1D09P	1400	15-Jun	-	1122	281%	704	661	1185	0	400	15
CHILLIWACK RIVER 1D17P	1600	15-Jun	-	1151	164%*	148	735	1759	0	703*	13
GREAT BEAR 1D15P	1660	15-Jun	-	1474	118%	481	923	2048	83	1250	15
TENQUILLE LAKE 1D06P	1680	15-Jun	-	431	94%*	182	368	1182	0	460*	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											

## NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
COOK CREEK 1E14P	1280	15-Jun	-	0	-	0	0	0	0	0*	8
BOSS MOUNTAIN MINE 1C20P	1460	15-Jun	-	0	-	0	0	131	0	0	14
MOUNT COOK 1E02P	1550	15-Jun	-	1099	184%*	822	405	1155	281	597*	7
AZURE RIVER 1E08P	1620	15-Jun	-	543	80%	811	203	1489	94	680	11
KOSTAL LAKE 1E10P	1770	15-Jun	-	585	172%	319	0	1285	0	340	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											

## SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
PARK MOUNTAIN 1F03P	1890	15-Jun	-	851	186%	342	229	1095	0	458	22
ENDERBY 1F04	1900	15-Jun	200	1042	146%	472	634	1326	62	715	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											

## UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
AZURE RIVER 1E08P	1620	15-Jun	-	543	80%	811	203	1489	94	680	11
MOUNT REVELSTOKE 2A06P	1830	15-Jun	-	904	113%	784	446	1801	0	800	15
MOLSON CREEK 2A21P	1980	15-Jun	-	795	147%	99	281	1163	0	540	23
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

## LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
BARNES CREEK 2B06P	1620	15-Jun	-	0	-	0	0	169	0	0	15
ST. LEON CREEK 2B08P	1800	15-Jun	-	585	111%	716	240	1351	0	525	14
RECORD MOUNTAIN 2B09	1890	16-Jun	0	0	0%	0	-	949	0	220	19
EAST CREEK 2D08P	2030	15-Jun	-	551	105%	934	205	1163	0	525	24
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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
BANFIELD MOUNTAIN MT05P	1710	15-Jun	-	0	0%	0	0	8	0	5	10
MORRISSEY RIDGE 2C09Q	1800	15-Jun	-	0	-	0	0	458	0	0	23
MOYIE MOUNTAIN 2C10P	1930	15-Jun	-	0	-	0	0	25	0	0	18
HAWKINS LAKE MT06P	1970	15-Jun	-	64	35%	0	0	683	0	185	11
FLOE LAKE 2C14P	2090	15-Jun	-	394	91%	469	0	862	0	432	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											

## WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
BUNCHGRASS MEADOW WA01P	1520	15-Jun	-	5	-	0	5	394	0	0	10

EAST CREEK	2D08P	2030	15-Jun	-	551	105%	934	205	1163	0	525	24
REDFISH CREEK	2D14P	2104	15-Jun	-	1111	129%*	867	649	1421	645	858*	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

## KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
GRANO CREEK	2E07P	1860	15-Jun	-	161	145%*	0	0	503	0	111*	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

## OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BRENDA MINE	2F18P	1460	15-Jun	-	0	-	0	0	0	0	0*	15
MISSION CREEK	2F05P	1780	15-Jun	-	274	-	0	0	424	0	0	36

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
BLACKWALL PEAK	2G03P	1940	15-Jun	-	386	161%	139	0	1031	0	240	40
HARTS PASS	WA09P	1980	15-Jun	-	470	185%	259	152	1267	0	254	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

## SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DOG MOUNTAIN	3A10	1080	16-Jun	174	984	205%	828	383	2088Z	0	480	22
ORCHID LAKE	3A19	1190	16-Jun	252	1331	116%	874	1003	1910	0	1150	27
UPPER SQUAMISH RIVER	3A25P	1340	15-Jun	-	956	117%	463	889	1463	131	820	17
NOSTETUKO RIVER	3A22P	1500	15-Jun	-	0	0%*	105	0	116	0	19*	17
UPPER MOSELY CREEK	3A24P	1650	15-Jun	-	0	-	0	0	0	0	0*	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												

## VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
JUMP CREEK	3B23P	1160	15-Jun	-	930	547%	176	173	574	0	170	11
WOLF RIVER (UPPER)	3B17P	1490	15-Jun	-	719	124%	88	826	1088	0	580	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												

## NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
TAHTSA LAKE	1B02P	1300	15-Jun	-	610	94%	871	369	1871	0	649	15
BURNT BRIDGE CREEK	3C08P	1330	15-Jun	-	0	0%*	728	0	728	0	131*	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												

## SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
HARTS PASS	WA09P	1980	15-Jun	-	470	185%	259	152	1267	0	254	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

## PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
AIKEN LAKE 4A30P	1040	15-Jun	-	0	-	0	0	0	0	0	0*	21
PULPIT LAKE 4A09P	1310	15-Jun	-	0	-	0	0	0	0	0	0	17
PINE PASS 4A02P	1400	15-Jun	-	695	160%	82	88	1082	0	435	16	16
KWADACHA RIVER 4A27P	1620	15-Jun	-	71	103%*	0	0	454	0	69*	19	19

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 Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
GRANDUC MINE 4B12P	790	15-Jun	-	965A	209%*	395		1395	0	461*	5	5
CEDAR-KITEEN 4B18P	885	15-Jun	-	0	0%*	113	0	113	0	26*	7	7
LU LAKE 4B15P	1310	15-Jun	-	0	-	0	0	0	0	0*	9	9
TSAI CREEK 4B17P	1360	15-Jun	-	581	92%*	778	203	1778	0	631*	10	10
HUDSON BAY MTN. 4B03A	1480	13-Jun	7	29	27%	364	0	673	0	108	29	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

## LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm		
DEADWOOD RIVER 4C09P	1300	15-Jun	-	0	-	0	0	0	0	0*	14	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED  
 B - EARLY OR LATE SAMPLING  
 C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED  
 E - ESTIMATED BASED ON AREAL AVERAGE  
 \* - PERIOD OF RECORD AVERAGE

## STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	June 15, 2008			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2007 mm	2006 mm	Max. mm	Min. mm	Normal mm	
KINASKAN LAKE #D11P	1020	15-Jun	-	0	-	0	0	0	0	0*	17
WADE LAKE #D14P	1370	15-Jun	-	0	-	0	0	0	0	0*	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											