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Basin Data and Graphs

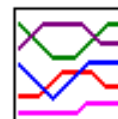
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Snowpack and Water Supply Outlook for British Columbia

April 1, 2009

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 1 snow survey is now complete. Data from 159 snow courses and 57 snow pillows around the province, with 29 out-of-province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports.

Snowpack

Snow conditions across British Columbia at April 1st vary from below normal across the South Coast and South Interior (including the Okanagan, Similkameen, Kettle, Nicola, Kootenay), to near normal in the central interior (North Thompson, Nechako), and to above normal in the north (Upper Fraser, Peace, Skeena, Liard, Stikine). Basin snow water indices across B.C. at April 1 vary from a low of 67% of normal in the Similkameen River basin, to a high of 135% of normal in the Stikine and Liard. Snow conditions improved throughout south and central British Columbia during March, with many areas receiving heavier than normal snowfall during the month. However, snow conditions in the Kettle, Similkameen, Nicola and Kootenay basins, and along the South Coast, continue to be notably below normal, varying between 67-80% of normal.

Weather

Weather during the winter was variable. Temperatures were significantly colder than normal for much of the province over much of the winter. The cold winter resulted in heavier than normal low elevation snow packs to develop. For November to February, precipitation was above normal in the north and below

normal in the south. March brought a change in the weather patterns, however, with a series of Pacific frontal storms moving across the province, bringing heavier than normal snowfall to most areas.

Outlook

By April 1, over 95 percent of the winter's snowpack typically has accumulated. Winter is almost over, and the spring snowmelt is about to begin. For the portions of the province currently experiencing the well below normal snow conditions (Okanagan, Kettle, Similkameen, Nicola and Kootenay basins, as well as Vancouver Island and the South Coast), the current snow conditions suggest the likelihood for below normal streamflow and water-supply in those areas during the summer. For Okanagan Lake, the River Forecast Centre forecasts an April-July volume runoff of 52% of the long-term average. For the Similkameen River, the volume runoff forecast is 62% of the long-term average. The low snowpack and smaller than normal snowmelt runoff may be reflected in such things as lower than normal lake and reservoir levels, lower than normal recharge of groundwater aquifers, and lower than normal river levels during summer.

The above normal snowpacks in portions of northern B.C., such as the Skeena/Nass, Stikine, Liard and Upper Fraser are likely to result in higher than normal stream flows during the freshet snowmelt period in late May and June. There is potential for higher than normal peak flows on some northern rivers, including the Upper Fraser River (McBride, Prince George, Quesnel); the Skeena River (Terrace); the Nass River; and in the Liard (Lower Post F.N.) and Stikine basins.

For the Fraser River through the Lower Mainland, current snow conditions suggest a lower than normal peak flow (in late May or early June), with a peak flow of the Fraser River at Hope of 8,000-9,000 cubic metres per second (m³/s). As comparison, the peak 2007 peak flow at Hope was 11,000 m³/s, and the 2008 peak flow was 10,500 m³/s.

The North and South Thompson rivers and the Thompson River at Kamloops are most likely to experience near or slightly below normal peak discharge and water levels in late May or early June.

Snow conditions at the end of the winter comprise only part of the peak flow and water supply forecast puzzle. Spring weather has a large influence. Weather during April and May that is wetter or drier than normal, or that is warmer or colder than normal, can have significant effect on freshet river flows.

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**Upper Fraser & Nechako
Basins**

[Snow Survey Data Measurements](#)

April 1

The Upper Fraser snow index is 119% of normal, increased significantly from

109% at Mar 1st. Most snow courses across a range of elevations are above or well above normal, following a snowy March. Burns Lake (1A16) is 130% of normal, Prince George A (1A10) is 169%, and Pacific lake (1A11) is 136%, indicative of the heavy snow conditions at low elevation throughout the Upper Fraser. Hedrick Lake (1A14) and Revolution Creek (1A17P) are 138% and 119%, respectively, indicative of the heavy snowpack in the McGregor River portion of the Upepr Fraser.

The Nechako snow water index is 105% of normal, nearly unchanged from Mar 1st, and with abundant variability across the basin. The Mount Podosy (1B08P), Tahtsa Lake (1B02P) and Mount Wells (1B01P) snow pillows are 80%, 97%, and 122% of normal, respectively. The lower elevation Skins Lake snow course (1B05) is 81%.

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Middle and Lower Fraser [Snow Survey Data Measurements](#)

April 1

The Middle Fraser has an April 1st snow water index of 85% of normal, increased significantly from 71% at Mar 1st. The Chilcotin and Fraser Plateau areas have above normal snow (e.g., Nazko (1C08) = 177%, Big Creek (1C21) = 175%). The Cariboo Mountain area has above normal snow (e.g., Horsefly Mountain (1C13A) = 128%; Yanks Peak (1C41P) = 113%). However, southern portions of the Middle Fraser are well below normal (e.g., Green Mountain (1C12P) = 52%, Bridge Glacier Lower (1C39) = 39%, Mission Ridge (1C18P) = 72%).

The Lower Fraser snow water index for Apr 1st is well below normal, at only 65% (increased from 54% at Mar 1st). Dickson Lake (1D16) and Stave Lake (1D08) on the north side of the Lower Fraser valley are 93% and 72% of normal, respectively. In the Lillooet River basin, the high elevation Tenquille Lake (1D06P) is 65%. The Tenquille Lake value is the lowest in the past 10 years. The Chilliwack River (1D17P) and Wahleach (1D09P) snow pillows, located south of the Fraser River, are 97% and 69%, respectively.

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Thompson Basin [Snow Survey Data Measurements](#)

April 1

The North Thompson snow water index is 95% of normal, increased from 88% at Mar 1st, while the South Thompson index is 86%.

In the North Thompson basin, the Knouff Lake (1E05) snow course is 108% of

normal, and the Azure River (1E08P) and Kostal Lake (1E01P) snow pillows are 83% and 97%, respectively. Blue River (1E01B) at the north end of the basin is 131% of normal.

In the South Thompson basin, Enderby (1F04) is 86% of normal. The Park Mountain (1F03P) snow pillow is 94%. The Celistia Mountain (1F06P) snow pillow located north of Shuswap Lake is estimated to be near 81% of normal. Adams River (1E07) is 78%.

The Nicola basin has well below normal snow conditions. Lac Le Jeune Upper (1C25) is 77% of normal, and Brenda Mine (2F18), adjacent to the east edge of the Nicola basin, is only 69%. Brookmere (1C01) is only 55%.

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Columbia Basin

[Snow Survey Data Measurements](#)

April 1

The Columbia basin snow index is 78% of normal, a slight increase from Mar 1st. For the Upper Columbia, most snow courses are in the 65-90% of normal range, with a high of 92% for Canoe River (2A01A) and a low of 62% for Vermont Creek (2A19). For the Lower Columbia, measurements range from a low of 67% for Record Mountain (2B09) to a high of 108% for Barnes Creek (2B06P).

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Kootenay Basin

[Snow Survey Data Measurements](#)

April 1

The overall Kootenay snow water index is 80% of normal, increased from 71% at Mar 1st. Snow conditions are variable, reflecting the array of weather systems that have affected the Kootenay over the winter. Generally, snow conditions in the East Kootenay are slightly better than those in the West Kootenay. For the East Kootenay, values for individual snow survey sites range from a low of 62% at Sinclair Pass (2C01) to a high of 122% at the Moyie Mountain snow pillow (2C10P). For the West Kootenay values are similarly low, with 66% at East Creek (2D08P) and 79% at Nelson (2D04). Gray Creek (2D05), located east of Kootenay Lake, and with 60 years of measurement, is 78% of normal.

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Okanagan, Kettle, and Similkameen Basins

[Snow Survey Data Measurements](#)

April 1

The overall Apr 1st snow water index of 80% for the Okanagan-Kettle is well below normal, but has increased from 72% at Mar 1st. For the Okanagan basin, snow conditions along the west and south sides of the valley are notably well below normal. Mount Kobau (2F12) in the far south Okanagan is only 62% of normal for the date. The Summerland Reservoir (2F02) and Isintok Lake (2F11) snow courses are 73% and 60% of normal, respectively. The Mission Creek (2F05P) snow pillow east of Kelowna is 89% of normal, while Silver Star (2F10) north of Vernon is 88%. In the Kettle River drainage, the Grano Creek (2E07P) snow pillow is 71% and Big White Mountain (2E03) is 82%.

Snow conditions in the Similkameen Basin are poor at Apr 1st, with a basin index of only 67% of normal. This is a slight improvement from 59% at Mar 1st. Missezula Mountain (2G05) and Hamilton Hill (2G06) are 50% and 60% of normal, respectively. Isintock Lake (2F11), adjacent to the eastern Similkameen, is 60%. The Blackwall Peak snow pillow (2G03P) is 74%.

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Vancouver Island & Coastal Regions

[Snow Survey Data Measurements](#)

April 1

Mid and high elevation snow packs on the Vancouver Island and Coastal regions are significantly improved over the past month and are variable, but are still below normal as of Apr 1st. The Vancouver Island snow water index is only 69% of normal, while the South Coast index is 77% of normal. On Vancouver Island, the Jump Creek (3B23P) and Wolf River (3B17P) snow pillows are 82% and 60% of normal, respectively, at Apr 1st. With the cold winter, low elevation snow on Vancouver Island is well developed. Elk River (3B04) at 270 metres elevation, is 252% of normal. On the South Coast, the Grouse Mountain (3A01) and Dog Mountain (3A10) snow courses in the Metro Vancouver North Shore are 117% and 106%, respectively. Both these snow courses experienced greater than double their typical amount of March snowfall.

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North East Region

[Snow Survey Data Measurements](#)

April 1

Precipitation in the Peace River basin was above normal for March, and its snow water index has increased to 109% of normal at Apr 1st, from 104% at Mar 1st. Most snow courses are in the 95 - 125%, with a low of 91% at Tsaydaychi Lake (4A12) to a high of 154% at Pulpit Lake (4A09). Low elevation snow courses such as Fort St. John A (4A25) and Ware Lower (4A04) are well above normal, at 143% and 145%, respectively.

Precipitation in the Liard River basin has been well above normal for much of the winter. As a result, the Liard basin has well above normal snowpacks. For the Liard basin, snow water equivalencies range between 177% at Fort Nelson A (4C05) and 129% at Deadwood River (4C15), with a basin average of 135%.

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North West Region

[Snow Survey Data Measurements](#)

April 1

The Skeena/Nass basins have a snow water index of 116% of normal for April 1st, increased from 112% at Mar 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 118%. Granduc Mine (4B12P) located near the west side of the Nass basin is 128%. The Lu Lake (4B15P) and Tsai Creek (4B17P) snow pillows are 106% and 105% of normal, respectively. Snow conditions in the Bulkley River portion of the Skeena basin appear to be near normal, with Mount Cronin (4B08) at 87% and Tachek Creek (4B06) at 109%.

Snow conditions in the Stikine basin are well above normal, at 135%. The Kinaskan Lake (4D11P) and Wade Lake (4D14P) snow pillows are 150% and 132% of normal, respectively. The Iskut (4D02) snow course is 161%.

UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	73	199	169%	161	128	313	0	118	47
PACIFIC LAKE	1A11	770	26-Mar	234	856	136%	794	868	879	290	628	46
BURNS LAKE	1A16	800	30-Mar	68	168	130%	172	254	264	0	129	37
CANOE RIVER	2A01A	910	30-Mar	31	90	92%	100	114	262	0	98	68
PHILIP LAKE	4A13	980	27-Mar	103	288	100%	380	449	449	176	287	46
HEDRICK LAKE	1A14	1100	26-Mar	240	946	138%	850	835	1046	351	688	42
HEDRICK LAKE	1A14P	1100			1020	128%	941	1121	1121	581	791*	9
BIRD CREEK	1A23	1180	30-Mar	68	152	106%*	154	256	270	84	144*	19
KAZA LAKE	1A12	1190	27-Mar	137	418	124%	465	414	465	226	338	44
LU LAKE	4B15	1300	30-Mar	112	336	106%	296	504	504	162	318	32
LU LAKE	4B15P	1310	01-Apr		295	110%*	278	488	488	154	267*	10
EQUITY MINE	4B14	1420	30-Mar	142	442	109%	382	610A	640	258	405	32
MOUNT SHEBA	4A18	1490	26-Mar	262	952	115%	1041	1294	1294	495	825	40
BARKERVILLE	1A03P	1520	01-Apr		383	99%	326	439	524	221	387	32
MC BRIDE (UPPER)	1A02	1580	26-Mar	152	439	102%	420	644	780	225	429	56
KNUDSEN LAKE	1A15	1580	26-Mar	283	1093	132%	908	1153	1255	485	826	40
MCBRIDE (UPPER)	1A02P	1620	01-Apr		473	87%*	394	694	694	394	544*	2
REVOLUTION CREEK	1A17P	1690	01-Apr		947	119%	881	1170	1222	453	798	23
LONGWORTH (UPPER)	1A05	1740	26-Mar	262	1024	131%	1010	920	1234A	467	784	53
DOME MOUNTAIN	1A19	1820	26-Mar	243	836	110%	802	928	1057	416	761	38
DOME MOUNTAIN	1A19P	1820	01-Apr		814	106%*	743	1065	1065	503	770*	3
MARMOT JASPER	AL12	1830	31-Mar	74	174	75%*	194	313	422	102	232*	39
YELLOWHEAD	1A01P	1860	01-Apr		461	78%	473	750	784	349	593	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												

NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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-Mar	34	90	81%	110	184	203	0	111	45
TAHTSA LAKE	1B02	1300	31-Mar	309	1153	98%	1215	1800A	1800A	775	1179	56
TAHTSA LAKE	1B02P	1300	01-Apr		1170	97%	1219	2240	2240	860	1212	16
KIDPRICE LAKE	4B01	1370	30-Mar	255	1029	112%	863	1601	1601	622	919	55
MOUNT PONDOSY	1B08P	1400	01-Apr		640	80%	677	1143	1143	564	798	17
MOUNT WELLS	1B01	1490	30-Mar	168	584	111%	474	756	960	273	524	54
MOUNT WELLS	1B01P	1490	01-Apr		698	122%	524	872	872	344	573	17
NUTLI LAKE	1B07	1490	31-Mar	158	506	96%*	476	798	798	301	529*	18

MOUNT SWANNELL	1B06	1620	30-Mar	115	305	105%*	268	490	490	148	291*	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												

MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	31-Mar	4	12	39%	4A	60	120C	0	31	39
BROOKMERE	1C01	980	31-Mar	55	111	55%	167	206	399	51	201	64
NAZKO	1C08	1070	30-Mar	49	108	177%	72	99	165B	0	61	50
BIG CREEK	1C21	1140	31-Mar	12	28	175%	4	0	119	0	16	38
GRANITE MOUNTAIN	1C33A	1150	30-Mar	82	222	123%	272	194	272	73	181	16
DUFFEY LAKE	1C28	1200	30-Mar	148	462	91%	507	728	866	244	507	31
PAVILION	1C06	1230	30-Mar	24	68	170%	0T	0T	147	0T	40	52
BRIDGE GLACIER (LOWER)	1C39	1400	06-Apr	91	240	39%*	532	910	1086	356	617*	14
DEADMAN RIVER	1C32	1430	30-Mar	59	178	170%	128	118	188	30	105	25
BRALORNE	1C14	1450	06-Apr	45	104	58%	127	247	389	0	178	46
SHOVELNOSE MOUNTAIN	1C29	1450	26-Mar	59	149	57%	210A	180	442	70	260	30
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr		548	89%	694	664	844	420	615	15
LAC LE JEUNE (UPPER)	1C25	1460	01-Apr	48	104	77%	117	119	228	43	135	36
BRENDA MINE	2F18	1460	03-Apr	95	221	69%	275	305	531	159	318	40
BRENDA MINE	2F18P	1460	01-Apr		286	73%	357	385	497	227	394	16
HIGHLAND VALLEY	1C09A	1510	02-Apr	49	62	65%	88	100	249	3A	96	43
BARKERVILLE	1A03P	1520	01-Apr		383	99%	326	439	524	221	387	32
HORSEFLY MOUNTAIN	1C13A	1550	30-Mar	156	592	128%	538	583	716	282	464	39
GNAWED MOUNTAIN	1C19	1580	02-Apr	57	84	67%	112	134	307	21	126	41
MOUNT TIMOTHY	1C17	1660	26-Mar	114	336	103%	364	357	533	186	327	46
YANKS PEAK EAST	1C41P	1670	01-Apr		936	113%	911	964	994	521	829	12
PENFOLD CREEK	1C23	1680	26-Mar	282	1013	101%	1024	1226	1285	641	1000	33
GREEN MOUNTAIN	1C12P	1780	01-Apr		463	52%	844	1344	1408	616	896	15
MCGILLIVRAY PASS	1C05	1800	06-Apr	119	349	58%	480	805	1118	322	602	56
MISSION RIDGE	1C18P	1850	01-Apr		413	72%	505	883	908	357	576	22
DOWNTON LAKE (UPPER)	1C38	1890	06-Apr	137	422	47%	814	1250A	1416	566	900	14
TYAUGHTON CREEK (NORTH)	1C40	1950	06-Apr	104	264	61%	416	638	844	288	432	14
BRALORNE (UPPER)	1C37	1980	06-Apr	117	328	43%	790A	934	1010	440	755	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												

LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	04-Apr	94	283	119%	434	252	512B	0	238	17
BROOKMERE	1C01	980	31-Mar	55	111	55%	167	206	399	51	201	64
DISAPPOINTMENT LAKE	1D18P	1040			1164	78%			1985P	430P	1495*	6
CALLAGHAN CREEK	3A20	1040	31-Mar	191	670	74%	1056	1218	1604	192	902	32
DICKSON LAKE	1D16	1070	04-Apr	372	1440	93%	2120A	2130A	2990A	412	1547	17
DOG MOUNTAIN	3A10	1080	03-Apr	346	1295	106%	1650A	1608	2720A	51	1223	64
BEAVER PASS	WA12	1120	03-Apr	175	579	75%*	930	930	1849	94	777*	64
KLESILKWA	3D03A	1130	04-Apr	130	401	137%	367	323	792	0	293	61
SPUZZUM CREEK	1D19P	1180	01-Apr		1061	69%*	1819	2164	2164	465	1545*	9
DUFFEY LAKE	1C28	1200	30-Mar	148	462	91%	507	728	866	244	507	31
STAVE LAKE	1D08	1210	04-Apr	293	1118	72%	1770	1825	2750A	446	1554	41
WAHLEACH LAKE	1D09	1400	04-Apr	180	568	86%	886	644	1270	125	659	41
WAHLEACH LAKE	1D09P	1400	01-Apr		799	69%	1289	1353	1380P	614	1154	17
NAHATLATCH RIVER	1D10	1520	04-Apr	252	880	62%	1366	1786	2410A	523	1417	41
EASY PASS	WA13	1580	26-Mar	348	1473	72%*	1659	1720A	3094	996	2037*	33
CHILLIWACK RIVER	1D17P	1600	01-Apr		1361	97%*	1665	1879	1894	713	1398*	15
GREAT BEAR	1D15P	1660	01-Apr		716	40%	1770	2070	2400	769	1784	17
TENQUILLE LAKE	1D06P	1680	01-Apr		664	65%*	1005	1590	1590	713	1028*	8

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

NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	101	362	131%	344	418	425	154	276	26
KNOUFF LAKE	1E05	1200	30-Mar	52	156	108%	166	154	274	58	144	53
COOK CREEK	1E14P	1280	01-Apr		660	115%*	608	769	769	409	575*	9
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr		548	89%	694	664	844	420	615	15
MOUNT COOK	1E02P	1550	01-Apr		1181	100%*	1463	1440	1463	939	1181*	8
AZURE RIVER	1E08P	1620	01-Apr		964	83%	1230	1452	1511	716	1155	12
ADAMS RIVER	1E07	1720	27-Mar	173	552	78%	728	812	1069	435	707	39
KOSTAL LAKE	1E10P	1770	01-Apr		848	97%	960	923	1165	618	878	24
TROPHY MOUNTAIN	1E03A	1860	28-Mar	169	574	105%	558	560	888	332	545	35

A - SAMPLING PROBLEMS WERE ENCOUNTERED
B - EARLY OR LATE SAMPLING
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED
E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	29-Mar	101	343	97%	354	420	561	142	353	51
ABERDEEN LAKE	1F01A	1310			Not Sampled		145	104	259	6	143	70
MONASHEE PASS	2E01	1370	06-Apr	111	390	114%	335	308	517	188	343	59
BOULEAU LAKE	2F21	1400	28-Mar	71	192	54%	264	268	564	172B	354	38
CELISTA	1F06P	1500	01-Apr		720	81%*	844	1118	1118	765	894*	4
ADAMS RIVER	1E07	1720	27-Mar	173	552	78%	728	812	1069	435	707	39
KIRBYVILLE LAKE	2A25	1750	26-Mar	271	981	83%	1250	1404	1816	701	1189	36
SILVER STAR MOUNTAIN	2F10	1840	31-Mar	186	669	88%	782	741	1115	414	760	50
PARK MOUNTAIN	1F03P	1890	01-Apr		814	94%	881	923	1207	549	867	24
ENDERBY	1F04	1900	30-Mar	243	880	86%	1109	1063	1430	610	1019	46
A - SAMPLING PROBLEMS WERE 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 2009			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	30-Mar	31	90	92%	100	114	262	0	98	68
DOWNIE SLIDE (LOWER)	2A27	980	26-Mar	147	566	83%	716	874	1062	448	680	31
GLACIER	2A02	1250	28-Mar	177	624	85%	689	883	1161	371B	730	72
FIELD	2A03A	1280	31-Mar	45	132	86%	170	164	251	8	153	69
SUNWAPTA FALLS	AL11	1400	31-Mar	58	146	76%*	175	234	333	89	192*	40
VERMONT CREEK	2A19	1520	27-Mar	88	275	62%	428	563	843	190	446	43
AZURE RIVER	1E08P	1620	01-Apr		964	83%	1230	1452	1511	716	1155	12
DOWNIE SLIDE (UPPER)	2A29	1630	26-Mar	283	1032	77%	1548	1750	2360A	858	1347	31
KICKING HORSE	2A07	1650	29-Mar	87	239	69%	299	403	589	185	346	61
KIRBYVILLE LAKE	2A25	1750	26-Mar	271	981	83%	1250	1404	1816	701	1189	36
MOUNT REVELSTOKE	2A06P	1830	01-Apr		960	78%	1286	1489	1686	709	1230	16
FIDELITY MOUNTAIN	2A17	1870	26-Mar	285	1055	85%	1363	1640	1951	730	1248	46
BEAVERFOOT	2A11	1890	27-Mar	60	158	71%	174	284	460	105	222	49
KEYSTONE CREEK	2A18	1890	26-Mar	181	596	72%	850	989	1388	485	827	42
GOLDSTREAM	2A16	1920	26-Mar	263	970	84%	1257		1638A	785	1157	44
BUSH RIVER	2A23	1920	26-Mar	173	554	64%	750	1100	1331	455	865	42
NIGEL CREEK	AL10	1920	31-Mar	115	320	77%*	366	556	700	198	418*	40
MOUNT ABBOT	2A14	1980	27-Mar	280	985	78%	1347	1640	1849	698	1256	50
MOLSON CREEK	2A21P	1980	01-Apr		908	90%	1170	1553	1553	651	1014	26

SUNBEAM LAKE	2A22	2010	26-Mar	208	757	83%	899	1126	1384	590	917	42
MIRROR LAKE	AL06	2030	01-Apr	83	216	72%*	254	450	561	160	301*	69
BOW SUMMIT II	AL07A	2080	30-Mar	101	255	70%*	335	480	584B	180	365*	30

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	26-Mar	118	444	76%	563	760	881	142	587	71
BAIRD	WA02	980	27-Mar	64	234	146%*	290	130	363	0	160*	49
FARRON	2B02A	1220	04-Apr	96	314	95%	307	270	480	162	330	36
MONASHEE PASS	2E01	1370	06-Apr	111	390	114%	335	308	517	188	343	59
WHATSHAN (UPPER)	2B05	1480	06-Apr	167	626	94%	589	685	964	350	668	50
BARNES CREEK	2B06	1620	06-Apr	157	557	108%	508	450	768	299	518	51
BARNES CREEK	2B06P	1620	01-Apr		559	102%	555	540	773	323	546	16
ST. LEON CREEK	2B08	1800	06-Apr	269	1019	81%	1124	1504	1831	818	1253	39
ST. LEON CREEK	2B08P	1800	01-Apr		908	80%	1009	1402	1553	581	1133	15
KOCH CREEK	2B07	1860	06-Apr	165	540	72%	700	727	1156	397	755	48
RECORD MOUNTAIN	2B09	1890	27-Mar	161	504	67%	708	718	1307	315	752	33
EAST CREEK	2D08P	2030	01-Apr		608	66%	915	1174	1245	442	922	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

EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	29-Mar	61	224	112%*	292	155	465	36	200*	61
FERNIE EAST	2C07	1250	31-Mar	85	250	75%	378	190	605	123	335	57
SINCLAIR PASS	2C01	1370	27-Mar	35	84	62%	126	92	262A	36	135	72
BRUSH CREEK TIMBER	MT03	1520	26-Mar	109	381	162%*	287	117	434	51	235*	57
SULLIVAN MINE	2C04	1550	29-Mar	80	214	68%	268	296	538	137	313	63
VERMILION RIVER NO.3	2C20	1570	27-Mar	94	264	92%*	286	310	401	175	288*	15
WEASEL DIVIDE	MT02	1660	30-Mar	193	688	84%*	869	648	1346	312	821*	68
KIMBERLEY (MIDDLE) VOR	2C12	1680	26-Mar	78	229	82%	259	236	462	116	279	40
BANFIELD MOUNTAIN	MT05	1710	27-Mar	142	493	95%*	546	373	919	196	518*	38

BANFIELD MOUNTAIN	MT05P	1710	01-Apr	168	508	118%*	516	386	739	229	430*	11
MOUNT JOFFRE	2C16	1750	27-Mar	109	331	85%	330	340	711	179	388	40
MORRISSEY RIDGE	2C09Q	1800	01-Apr		608	82%	701	671	1224	360	744	25
RED MOUNTAIN	MT04	1830	01-Apr	155	490	103%*	533	411	810	211	477*	70
MOYIE MOUNTAIN	2C10P	1930	01-Apr		491	122%	529	522	679	216	401	29
HAWKINS LAKE	MT06P	1970	01-Apr	214	605	99%*	742	732	1001	310	614*	11
ALLISON PASS	AL01	1980	31-Mar	130	399	85%*	425	419	823	247	472*	45
WILKINSON SUMMIT (BUSH)	AL03	1980	31-Mar	93	208	99%*	170	186	460	100	210*	45
THUNDER CREEK	2C17	2010	27-Mar	96	234	82%	225	280	475	140A	287	38
FLOE LAKE	2C14	2090	27-Mar	182	591	75%	680	844	1242	411	791	39
FLOE LAKE	2C14P	2090	01-Apr		596	82%	683	881	1001	360	724	14
KIMBERLEY (UPPER) VOR	2C11	2140	26-Mar	118	331	71%	427	497	798	197	467	40
HIGHWOOD SUMMIT (BUSH)	AL02	2210	31-Mar	124	326	84%*	321	401	681	180	387*	38
MOUNT ASSINIBOINE	2C15	2230	27-Mar	155	463	84%	468	634	816	252	551	40
SUNSHINE VILLAGE	AL05	2230	02-Apr	160	490	82%*	541	660	996	277	596*	41

A - SAMPLING PROBLEMS WERE 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	Apr 2009			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	05-Apr	39	154	183%*	172	104	223	0	84*	18
FERGUSON	2D02	880	26-Mar	118	444	76%	563	760	881	142	587	71
NELSON	2D04	930	27-Mar	81	294	79%	355	297	622	137	372	71
SANDON	2D03	1070			Not Sampled			585	71	357	68	
CHAR CREEK	2D06	1310	01-Apr	148	430	76%	600	493	940	273	563	43
SMITH CREEK	ID01	1460	27-Mar	241	808	72%*	1224	958	1940	508	1117*	66
BUNCHGRASS MEADOW	WA01P	1520	01-Apr	214	620	84%*	732	551	1214	414	735*	11
GRAY CREEK (LOWER)	2D05	1550	27-Mar	130	369	78%	502	425A	688	290	472	60
KOCH CREEK	2B07	1860	06-Apr	165	540	72%	700	727	1156	397	755	48
MOUNT TEMPLEMAN	2D09	1860	27-Mar		Not Sampled			1300	1608	688	1076	37
GRAY CREEK (UPPER)	2D10	1910	27-Mar	197	634	81%	830	765	1123	492	783	38
EAST CREEK	2D08P	2030	01-Apr		608	66%	915	1174	1245	442	922	27
REDFISH CREEK	2D14P	2104	01-Apr		803	64%*	1377	1486	1519	994	1251*	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

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	30-Mar	51	163	147%*	183	89	274	0	111*	44
FARRON	2B02A	1220	04-Apr	96	314	95%	307	270	480	162	330	36
CARMI	2E02	1250	03-Apr	65	176	124%	104	94	290	14	142	46
MONASHEE PASS	2E01	1370	06-Apr	111	390	114%	335	308	517	188	343	59
SUMMIT G.S.	WA05	1400	30-Mar	94	244	115%*	284	221	338	23	212*	46
BIG WHITE MOUNTAIN	2E03	1680	03-Apr	146	418	82%	440	450	762	332	507	43
GRANO CREEK	2E07P	1860	01-Apr		383	71%*	495	559	769	334	537*	11
BLUEJOINT MOUNTAIN	2E06	2040	06-Apr	168	549	74%	667	717	1175	329	742	29
A - SAMPLING PROBLEMS WERE ENCOUNTERED												
B - EARLY OR LATE SAMPLING												
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED												
E - ESTIMATED BASED ON AREAL AVERAGE												
* - PERIOD OF RECORD AVERAGE												

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	86	165	73%	230	255	389	96	226	72
MC CULLOCH	2F03	1280	31-Mar	46	157	101%	148	88	249	38	155	71
ABERDEEN LAKE	1F01A	1310			Not Sampled	145	104	259	6	143	70	
OYAMA LAKE	2F19	1340	30-Mar	66	148	87%	144	129	255	61	170	38
POSTILL LAKE	2F07	1370	30-Mar	69	190	85%	184	182	348	109	224	58
VASEUX CREEK	2F20	1400	01-Apr	44	98	62%	92	92	239	40	157	38
BOULEAU LAKE	2F21	1400	28-Mar	71	192	54%	264	268	564	172B	354	38
TROUT CREEK	2F01	1430	28-Mar	58	90	49%	200	208	396	52	182	72
ESPERON CR (MIDDLE)	2F14	1430	28-Mar	84	228	61%	316	334	607	196	372	41
BRENDA MINE	2F18	1460	03-Apr	95	221	69%	275	305	531	159	318	40
BRENDA MINE	2F18P	1460	01-Apr		286	73%	357	385	497	227	394	16
ISLAHT LAKE	2F24	1480	31-Mar	84	202	58%	322	338	501	165A	349	26
GREYBACK RESERVOIR	2F08	1550	02-Apr	102	247	106%	197	220	351	114	233	55
ESPERON CR (UPPER)	2F13	1650	28-Mar	97	258	59%	350	370	805	244	435	40
ISINTOK LAKE	2F11	1680	26-Mar	55	110	60%	144	138	424	66	183	44
MACDONALD LAKE	2F23	1740	03-Apr	132	334	72%	426	510	677	257	463	32
MUTTON CREEK NO. 1	WA07	1740	25-Mar	79	218B	63%*	384B	411B	721	56B	344*	68
MISSION CREEK	2F05P	1780	01-Apr		420	89%	473	461	728	278	472	37
GRAYSTOKE LAKE	2F04	1810			Not Sampled	296Z	296	828	196	405	39	
MOUNT KOBAN	2F12	1810	28-Mar	71	198	62%	236	320	602	105	318	43
WHITEROCKS MOUNTAIN	2F09	1830	28-Mar	112	343	59%	537	577	1021	318	586	54
SILVER STAR MOUNTAIN	2F10	1840	31-Mar	186	669	88%	782	741	1115	414	760	50
A - SAMPLING PROBLEMS WERE 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	Apr 2009			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	31-Mar	55	111	55%	167	206	399	51	201	64
FREEZEOUT CREEK TRAIL	WA11	1070	04-Apr	84	290	96%*	399	284	665	8	301*	64
LIGHTNING LAKE	3D02	1220	27-Mar	80	231	76%	361	369	622	60	305	61
HAMILTON HILL	2G06	1490	28-Mar	82	212	60%	288	325	851	83	356	49
MISSEZULA MOUNTAIN	2G05	1550	27-Mar	53	122	50%	162	210	516B	90	242	48
ISINTOK LAKE	2F11	1680	26-Mar	55	110	60%	144	138	424	66	183	44
LOST HORSE MOUNTAIN	2G04	1920	31-Mar	78	188	77%	221		533	138	243	45
BLACKWALL PEAK	2G03P	1940	01-Apr		615	74%	848	979	1494	400	833	41
HARTS PASS	WA09	1980	04-Apr	244	884	82%*	1219	1288	1725	510	1084*	66
HARTS PASS	WA09P	1980	01-Apr	215	787	79%*	1057	1257	1770	429	991*	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

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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		
PALISADE LAKE	3A09	880	30-Mar	315	1266	88%	2020A	1810A	3560A	285	1440	60
POWELL RIVER (LOWER)	3A05	910	29-Mar	213	815	110%	1025	997	1554	85	743	48
POWELL RIVER (UPPER)	3A02	1040	29-Mar	275	940	90%	1205	1320A	1813	467	1046	45
CALLAGHAN CREEK	3A20	1040	31-Mar	191	670	74%	1056	1218	1604	192	902	32
DOG MOUNTAIN	3A10	1080	03-Apr	346	1295	106%	1650A	1608	2720A	51	1223	64
GROUSE MOUNTAIN	3A01	1100	03-Apr	374	1412	117%	1830A	1870A	2670A	44	1203	73
ORCHID LAKE	3A19	1190	30-Mar	366	1279	67%	2170A	2370A	3770A	748	1905	35
UPPER SQUAMISH RIVER	3A25P	1340			Not Sampled	1601	2089	2089	803	1620	18	
NOSTETUKO RIVER	3A22P	1500	01-Apr		218	37%*	578	1058	1058	233	594*	18
UPPER MOSELY CREEK	3A24P	1650	01-Apr		236	82%*	225	506	567	135	289*	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

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	03-Apr	57	224	252%	156	41	607	0	89	47
WOLF RIVER (LOWER)	3B19	640	03-Apr	80	290	76%	636	394	1198	0	381	37
UPPER THELWOOD LAKE	3B10	980	03-Apr	324	1292	83%	2216	2050A	3200A	354	1554	49
WOLF RIVER (MIDDLE)	3B18	1070	03-Apr	133	426	64%	942	814	1706	0	664	37
FORBIDDEN PLATEAU	3B01	1130	03-Apr	274	974	61%	1941	1987	3550A	387	1595	54
JUMP CREEK	3B23P	1160	01-Apr		986	82%	1909	1556	1909	184	1208	12
MOUNT COKELY	3B02A	1250	29-Mar	188	644	75%	1156	1116	2100A	331	864	28
WOLF RIVER (UPPER)	3B17P	1490	01-Apr		850	60%	1442	1783	1878	305	1420	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												

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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			Not Sampled	722	900A	900A	36	383*	25	
TAHTSA LAKE	1B02	1300	31-Mar	309	1153	98%	1215	1800A	1800A	775	1179	56
TAHTSA LAKE	1B02P	1300	01-Apr		1170	97%	1219	2240	2240	860	1212	16
BURNT BRIDGE CREEK	3C08P	1330			Not Sampled	885	1384	1384	201	764*	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												

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	04-Apr	94	283	119%	434	252	512B	0	238	17
FREEZEOUT CREEK TRAIL	WA11	1070	04-Apr	84	290	96%*	399	284	665	8	301*	64
BEAVER PASS	WA12	1120	03-Apr	175	579	75%*	930	930	1849	94	777*	64
KLESILKWA	3D03A	1130	04-Apr	130	401	137%	367	323	792	0	293	61
LIGHTNING LAKE	3D02	1220	27-Mar	80	231	76%	361	369	622	60	305	61
HARTS PASS	WA09	1980	04-Apr	244	884	82%*	1219	1288	1725	510	1084*	66

HARTS PASS	WA09P	1980	01-Apr	215	787	79%*	1057	1257	1770	429	991*	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												

PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	28-Mar	61	146	143%	140	226	226	0	102	35
PACIFIC LAKE	1A11	770	26-Mar	234	856	136%	794	868	879	290	628	46
BULLHEAD MOUNTAIN	4A28	790			Not Sampled			224B	224B	0T	95	21
WARE (LOWER)	4A04	980	28-Mar	102	272	145%		240	316	112B	188	45
PHILIP LAKE	4A13	980	27-Mar	103	288	100%	380	449	449	176	287	46
AIKEN LAKE	4A30P	1040	01-Apr		285	110%	289	368	371	199	258	22
TUTIZZI LAKE	4A06	1070	27-Mar	110	283	111%	320	351	406	166	255	46
TSAYDAYCHI LAKE	4A12	1160	27-Mar	126	359	91%	559	639	639	234	394	46
KAZA LAKE	1A12	1190	27-Mar	137	418	124%	465	414	465	226	338	44
PULPIT LAKE	4A09	1310	28-Mar	186	618	154%	506	590	590	297	402	46
PULPIT LAKE	4A09P	1310	01-Apr		607	148%	509	619	619	347	411	18
FREDRICKSON LAKE	4A10	1310	27-Mar	104	275	112%	304	313	351	163B	245	46
PINE PASS	4A02P	1400	01-Apr		1042	95%	1298	1551	1551	844	1101	17
TRYGVE LAKE	4A11	1400	27-Mar	146	454	126%	454	511	511	257	359	46
SIKANNI LAKE	4C01	1400	28-Mar	122	362	135%	325	360A	380	166	268	46
PINE PASS	4A02P	1400	01-Apr		1042	95%	1298	1551	1551	844	1101	17
MORFEE MOUNTAIN	4A16	1450	26-Mar	218	806	94%	1026	1043	1158	555	854	41
LADY LAURIER LAKE	4A07	1460	27-Mar	179	578	115%	612	854	854	342	503	45
MOUNT SHEBA	4A18	1490	26-Mar	262	952	115%	1041	1294	1294	495	825	40
GERMANSEN (UPPER)	4A05	1500	27-Mar	124	343	97%	487	491	523	200	352	47
MOUNT STEARNS	4A21	1500	28-Mar	73	164	111%	146	223	239	59	148	34
JOHANSON LAKE	4B02	1540	27-Mar	118	344	118%	345	394	417	173	291	46
MONKMAN CREEK	4A20	1550	26-Mar	200	640	108%	541	991	1067	313	593	30
WARE (UPPER)	4A03	1570	28-Mar	117	315	124%	290	328	390	157	254	45
KWADACHA RIVER	4A27P	1620	01-Apr		379	113%*	371	394	446	236	335*	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												

LIARD Drainage Basin

	Elev.	Date of	Apr 2009			Historic, Water Equivalent (mm)					Yrs of
			Snow Depth	Water Equiv.	% of	2007	2006	Max.	Min.	Normal	

Snow Course Name and Number	metres	Survey	cm	mm	Normal	mm	mm	mm	mm	mm	Record	
FORT NELSON A	4C05	380	31-Mar	69	168	177%	75	148	198	23	95	43
WATSON LAKE A	YK01	700	26-Mar	107	244	185%*	175	215	229	71	132*	42
FRANCES RIVER	YK02	730	27-Mar	113	292	186%*	200	213	302	76	157*	32
DEASE LAKE	4C03	820	01-Apr	83	177	130%	130A	188A	259	50A	136	44
JADE CITY	4C15	940	29-Mar	123	340	147%*	244	278	322	162	232*	7
SUMMIT LAKE	4C02	1280	30-Mar	71	100	88%	113		240	0	114	39
DEADWOOD RIVER	4C09P	1300	01-Apr		192	129%*	154	195	283	70	149*	15
SIKANNI LAKE	4C01	1400	28-Mar	122	362	135%	325	360A	380	166	268	46

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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* - PERIOD OF RECORD AVERAGE

SKEENA/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	30-Mar	50	188	221%*	216	257	333	0	85*	29
BEAR PASS	4B11A	460			Not Sampled		626Z	1013	1013	408	706	25
NINGUNSAW PASS	4B10	690	30-Mar	199	552	126%	520	730A	730A	231	438	34
GRANDUC MINE	4B12P	790	01-Apr		2214	128%*	1620A	1909	1909	1609	1728*	6
CEDAR-KITEEN	4B18P	885	01-Apr		1073	150%*	711	1129	1129	454	715*	8
MCKENDRICK CREEK	4B07	1050	27-Mar	101	276	93%	317	373	427	183	297	41
TACHEK CREEK	4B06	1140	26-Mar	90	252	109%	280	358	362	112	232	41
KAZA LAKE	1A12	1190	27-Mar	137	418	124%	465	414	465	226	338	44
LU LAKE	4B15	1300	30-Mar	112	336	106%	296	504	504	162	318	32
LU LAKE	4B15P	1310	01-Apr		295	110%*	278	488	488	154	267*	10
TSAI CREEK	4B17P	1360	01-Apr		1215	105%*	1241	1831	1831	919	1158*	11
KIDPRICE LAKE	4B01	1370	30-Mar	255	1029	112%	863	1601	1601	622	919	55
TRYGVE LAKE	4A11	1400	27-Mar	146	454	126%	454	511	511	257	359	46
EQUITY MINE	4B14	1420	30-Mar	142	442	109%	382	610A	640	258	405	32
CHAPMAN LAKE	4B04	1460	27-Mar	145	442	93%	466	666	762	315	474	44
HUDSON BAY MTN.	4B03A	1480	01-Apr	157	540	103%	544	755	846	356	524	37
MOUNT CRONIN	4B08	1480	27-Mar	165	532	87%	581	726	1097	433	612	40
SHEDIN CREEK	4B16P	1480	01-Apr		1001	113%*	923	1054	1054	690A	883*	13
JOHANSON LAKE	4B02	1540	27-Mar	118	344	118%	345	394	417	173	291	46

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* - PERIOD OF RECORD AVERAGE

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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		
SPEEL RIVER	AK03	80	01-Apr	335	1219	161%*	1031	533	1402	300	758*	40
TELEGRAPH CREEK	4D01	580	29-Mar	101	278	178%	82	248	343	37	156	34
NINGUNSAW PASS	4B10	690	30-Mar	199	552	126%	520	730A	730A	231	438	34
DEASE LAKE	4C03	820	01-Apr	83	177	130%	130A	188A	259	50A	136	44
ISKUT	4D02	1000	31-Mar	67	172	161%	89	180A	180A	0	107	34
KINASKAN LAKE	4D11P	1020	01-Apr		587	150%*	285	634	634	256	391*	18
TUMEKA CREEK	4D10P	1220	01-Apr		704	120%*			869	387	588*	16
WADE LAKE	4D14P	1370	01-Apr		461	132%*	475	315	527	232	348*	17
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												

YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2009			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	29-Mar	71	155	124%*	105	267	267	50	125*	25
LOG CABIN	4E01	880	26-Mar	155	536	144%	390	560	596	213	372	49
PINE LK AIRSTRIP	YK03	1010	30-Mar	126	298	132%*	286	240	351	122	226*	33
MONTANA MTN.	YK05	1020	26-Mar	86	176	126%*	150	228	228	84	140*	32
TAGISH	YK04	1080	30-Mar	89	203	145%*	177	242	242	73	140*	32
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												

River Forecast Centre
Ministry of Environment

Basin Snow
Water Index

April 1, 2009

Basin Snow Water Index
Basin Snow Water Index
Percent of Long Term Average

