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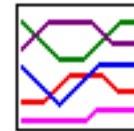
Snow Survey Bulletin

Snowpack and Water Supply Outlook for British Columbia

June 1, 2005

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 1st snow survey is now complete. The June 1st snow survey is quite small, as many low and mid elevation snow courses are usually free of snow by this date. Data from 29 snow courses and 58 snow pillows across the province, along with 3 snow courses in adjacent jurisdictions, have been used to form the basis for the following reports.

Snowpack

Snowpacks at June 1st are well below normal for all of BC, showing a significant decline from May 15, as a result of well above average rates of snowmelt during May. Some areas, such as the South Coast, Vancouver Island, Similkameen, Nicola/Coldwater, and southern and western portions of the Okanagan, have very little or no snow remaining.

The North Thompson basin has a June 1 Snow Water Index of 72% of normal. The Upper Fraser index is only 53% of normal. Snow Water Indexes for all other areas of the province are less than 50% of normal.

Weather

Precipitation was highly variable during May. Some locations, including Princeton, Kelowna, Fort St. John and Smithers, had well below normal precipitation. Princeton and Cranbrook have been two of the driest areas in the province over the winter, both receiving only 68% of normal precipitation for the cumulative Nov-May period. South coastal locations experienced above normal precipitation during May.

Temperatures were generally well above normal during May (varying from 1.0 - 3.5 degrees above normal). The high temperatures contributed to significant above normal snowmelt and runoff.

Runoff

Runoff from rivers throughout the province was high during May. The Upper Fraser, North Thompson, South Thompson, Skeena, and others, experienced early high flows in mid-May, and second peaks over the June 2-5 period. It is probable that these high flows will be the freshet peak flows of the year. The Upper Fraser River (at Prince George) and the North Thompson River both peaked near 2-yr flood levels. The Fraser River at Hope peaked on May 20 near 7550 cms, well below a 2-yr flood stage of 8800 cms. Significant rainfall will be required during June to produce water levels that exceed the peaks that have already occurred.

The only river in the province to produce significant snowmelt freshet flooding was the Liard River, in northern BC. The Liard River reached a 10-yr flood level over the May 18-23 period, resulting in flooding in the community of Lower Post.

Many rivers in south and central BC (e.g., Trout Creek, Vaseux Creek, Mission Creek, Kettle River, Nicola River, Similkameen River, etc.) experienced their freshet peak discharge in late April or early May, and are already beginning their recession into low flow conditions. The Similkameen River, Coldwater River, Nicola River, and others are currently at or near record low discharge for early June.

Outlook

The snowmelt season is very advanced, and may well be over in some areas. Those regions with below normal peak snowpacks have experienced very subdued spring snowmelt runoff. These include the South Coast, Vancouver Island, Lower Fraser, Similkameen, the south and west Okanagan, the southern Kootenays, and portions of the Middle and Lower Fraser including the Nicola and Coldwater basins. The melt in these areas is 2-3 weeks earlier than normal.

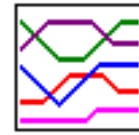
Unless spring and early summer precipitation is well above normal, there is a high potential for very low summer season flow in rivers throughout these areas. This is particularly so for rivers unsupported by storage.

The freshet peak flows in the Fraser River system (including the Thompson River)

appears to have occurred. Rivers in the Fraser Basin will now generally recede towards their typical July-Sept low flows.

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Upper Fraser & Nechako Basins



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[Snow Survey Data
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June 1

All snow courses in the Upper Fraser experienced significant melt during May, producing high stream flow in the Fraser, McGregor and other rivers. The Snow Water Index for the upper Fraser is at 53% of normal for June 1, decreased from 86% at May 15. Precipitation at Prince George was below normal for May. Low and mid elevation snow is generally gone, while upper elevation snow is generally in the 50-90% range.

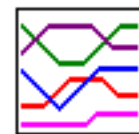
Based on only a few survey locations, the Nechako Snow Water Index is 35% of normal, reduced from 77% at May 15. This is a record low June 1st index value for the Nechako.

Regional streamflows, as reflected by the Fraser River at Shelley, were above normal for May:



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

Middle and Lower Fraser



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

June 1

Snow water equivalencies throughout the Middle and Lower Fraser are very low, as a result of significant melt during the first half of May. The Middle Fraser overall had a June 1 Snow Water Index of 28% of normal, while the Lower Fraser had an index of 13% (a record low for June 1). The Yanks Peak and Green Mountain snow pillows,

both at high elevation, are only 22% and 27% of normal, respectively. The Barkerville snow pillow has zero snow. Low and middle elevation snow is absent in most areas.

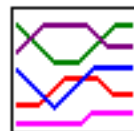
Streamflows were above normal for May. The May 20th peak discharge of 7550 cms for the Fraser River at Hope will likely be the largest flow of the year, followed closely by a lower peak on June 5th.



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

• Top

Thompson Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

June 1

The Thompson basin experienced well above normal loss of snow water during May. The North Thompson Snow Water Index is 72% of normal for June 1, while the South Thompson index is 49% of normal. Low and mid elevation snow is generally absent. Individual snow courses (those with snow) range from 45% to 75% of normal.

Streamflows in the region, as indicated by the mean monthly flows in the Thompson River at Spences Bridge, were above normal for May. The May 17th peak discharge of 1840 cms for the North Thompson River at McLure will likely be the largest flow of the year, followed closely by a lower peak on June 1st. Similarly, the May 19th peak of 2250 cms for the Thompson River at Spences Bridge will likely be the largest flow of the year.

Because of the poor snow conditions in the Nicola and Coldwater valleys, the snowmelt runoff was low and early, and stream flow subsequently has become very low. In the case of the Coldwater River near Brookmere, the current discharge is the lowest on record for early June.



[Hydrograph of the North Thompson River at McLure](#)

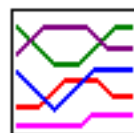


[Hydrograph of the Thompson River near Spences Bridge](#)



[Hydrograph of the Coldwater River near Brookmere](#)

Columbia Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

June 1

Relatively very few snow surveys are conducted in the Columbia basin at this sampling date. Based on the limited sample, snowpacks in the Columbia are at 44% of normal, decreased from the May 15 value of 67%. This reflects the significantly early melt. Individual snow survey sites range from zero to 63% of normal in the Lower Columbia, and 40-85% in the Upper Columbia.

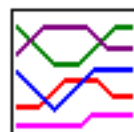
Streamflows in the region, as represented by the mean monthly flow in the Columbia River at Donald, were slightly above normal in May.



[Hydrograph of the Columbia River at Donald](#)

[Top](#)

Kootenay Basin



[Data
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[Snow Survey Data
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June 1

Based on a limited sample, the Kootenay Snow Water Index has fallen to 35% of

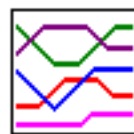
normal on June 1, from its May 15th level of 53%. Individual snow courses range from zero snow at low and middle elevations throughout southern portions of the Kootenays, to a high of 74% of normal at high elevation.

Streamflows, as indicated by the mean monthly flows in the Kootenay River at Fort Steele, were below normal for May.



[Hydrograph of the Kootenay River at Fort Steele](#)

Okanagan, Kettle,
and Similkameen
Basins



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[Snow Survey Data
Measurements](#)

June 1

Following the significant melt that occurred in late April and May, the overall Snow Water Index for the Okanagan-Kettle has fallen to only 22% of normal. All snow courses and snow pillows in the Kettle are recording zero snow. Most of the Okanagan basin appears to be snow free as of June 1, with the exception of the north-east portion. The Mission Creek snow pillow reports 27% of normal snow (reduced from 84% at May 15), and the Silver Star snow course has 46% of normal snow.

The Similkameen basin Snow Water Index is at zero, dropping from only 17% of normal at May 15. Based on an April-July volume runoff forecast of 740 million cubic metres (602,000 acre-feet) (45% of 1971-2000 Normal) for the Similkameen River at Nighthawk, the International Osoyoos Lake Board of Control has issued a formal drought declaration with respect to the operation of the Zosel Dam on Osoyoos Lake near Oroville, Washington.

It appears that small streams (e.g., Trout Creek, Vaseux Creek, Mission Creek, Kettle River, etc.) experienced their largest peak flow of the snowmelt freshet period in late April or early May, at least 3 weeks earlier than usual. Unless the remainder of June experiences well above normal rainfall, these and other small and mid-sized rivers throughout the Okanagan, Kettle and Similkameen basins will decline rapidly to very low flow conditions.

The Similkameen River and Tulameen Rivers experienced their freshet peak flows in

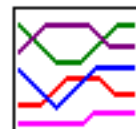
late April. They are currently below their previously recorded record low flow for June 1st.



[Hydrograph of the Similkameen River near Hedley](#)

• [Top](#)

Vancouver Island & Coastal Regions



[Data
Graphs](#)



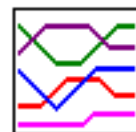
[Snow Survey Data
Measurements](#)

June 1

Snow in the Vancouver Island and South Coastal regions has largely entirely melted. The Vancouver Island average snow water index is only 8% of normal. The South Coastal index is 24% of normal. The snowmelt is significantly advanced, with the complete loss of snow water at some sites occurring about 3 weeks earlier than normal.

Although May produced near normal rainfall for Vancouver Island and the South Coast, stream flows have fallen to levels well below normal for the date. Unless the month of June experiences well above normal rainfall, discharge in rivers without lake or reservoir storage will decline rapidly to very low flow conditions, 3-4 weeks earlier than usual.

North East Region



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

June 1

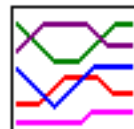
Temperatures in the Peace and Liard were well above normal for May, producing high rates of snowmelt. Mid and high elevation snow in the Peace River basin fell to 42% of normal, from a May 15th level of 90%. Three snow pillow readings vary from 83% to 106% of normal.

Stream flows have been above normal during May, with the inflow to Williston Lake being 140% of normal. A number of smaller rivers in the Peace (Moberly River, Finlay River) experienced high flows, near a 2-yr flood level, in late May and early June. These may be their highest flows of the freshet period.

The Liard River in far northern BC reached a 10-yr flood stage over the May 18-23 period, resulting in flooding in the community of Lower Post.

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North West Region



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[Graphs](#)



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

June 1

The Skeena/Nass basins have an average snow water index of only 19% of normal for June 1, a significant decrease from their May 15 value of 75%.

Regional stream flows, as reflected by the mean monthly flows in the Skeena River at Usk, remained well above normal during May. The Skeena River experienced an early high flow of 3900 cms on May 16th, and a second peak near the same level on May 29/30. These will be the largest flows of the spring freshet period, without significant rainfall.



[Hydrograph for the Skeena River at Usk](#)

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

UPPER and MIDDLE FRASER

June 1, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	26	No Snow	0	0	411	0	71	31	
HEDRICK LAKE	1A14P	1100	01	No Snow	30	23	1380	23	422*	5	
BIRD CREEK	1A23	1180	31	No Snow	0	0	0	0	-	11	
BARKERVILLE	1A03P	1520	01	No Snow	0	0	291	0	66	21	
KNUDSEN LAKE	1A15	1580	26	98	493	487	521	1039	0	662	30
MC BRIDE (UPPER)	1A02	1580	26	No Snow	0	163	592	0	204	37	
NARROW LAKE	1A21	1650	27	76	425	517	523	1339	116	794	31
REVOLUTION CREEK	1A17P	1690	01	-	429	195	260	935	0	495	20
LONGWORTH (UPPER)	1A05	1740	26	55	296	436	454	1194	0	591	48
DOME MOUNTAIN	1A19	1820	26	96	489	498	492	1062	0	664	33
YELLOWHEAD	1A01P	1860	01	-	94	229	454	857	0	464	8
HOLMES RIVER	1A18	1900	26	126	631	550	642	1029	84	687	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

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
					2005	2004	2003	Max.	Min.	Normal	
SKINS LAKE	1B05	880	31	No Snow	-	0	0	0	-	15	
TAHTSA LAKE	1B02	1300	31	113	525	406	698	1651	406	1007	30
TAHTSA LAKE	1B02P	1300	01	-	613	363	741	1576	277	1001	12
KIDPRICE LAKE	4B01	1370	31	25	117	86	415	1209	0	666	30
MOUNT PONDOSY	1B08P	1400	01	No Snow	0	250	951	0	280	12	
MOUNT WELLS	1B01	1490	31	No Snow	0	0	529	0	250	28	
NUTLI LAKE	1B07	1490	31	No Snow	0	0	615	0	226*	14	
MOUNT WELLS	1B01P	1490	01	No Snow	0	91	607	0	250	13	
MOUNT SWANNELL	1B06	1620	31	No Snow	0	95	350Z	0	120*	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**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow	0A	19	435	0A	175	11	
BRENDA MINE	2F18P	1460	01	No Snow	0	0	0	0	-	11	
BARKERVILLE	1A03P	1520	01	No Snow	0	0	291	0	66	21	
YANKS PEAK EAST	1C41P	1670	01	-	128	364	236	1016	236	590	7
PENFOLD CREEK	1C23	1680	27	151	774	594	719	1354	353	847	34
GREEN MOUNTAIN	1C12P	1780	01	-	165	140	738	1183	140	610	11
MISSION RIDGE	1C18P	1850	01	No Snow	0	180	573	0	151	17	
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

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

MIDDLE and LOWER FRASER

June 1, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow	0A	19	435	0A	175	11	
BRENDA MINE	2F18P	1460	01	No Snow	0	0	0	0	-	11	
BARKERVILLE	1A03P	1520	01	No Snow	0	0	291	0	66	21	
YANKS PEAK EAST	1C41P	1670	01	-	128	364	236	1016	236	590	7
PENFOLD CREEK	1C23	1680	27	151	774	594	719	1354	353	847	34
GREEN MOUNTAIN	1C12P	1780	01	-	165	140	738	1183	140	610	11
MISSION RIDGE	1C18P	1850	01	No Snow	0	180	573	0	151	17	
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

LOWER 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
					2005	2004	2003	Max.	Min.	Normal	
DISAPPOINTMENT LAKE	1D18P	1040	Not Available		564P	655P	1582P	564P	972*	4	
CALLAGHAN CREEK	3A20	1040	30	No Snow	0	120	1228	0	220	21	
DOG MOUNTAIN	3A10	1080	01	No Snow	389	280	2480Z	56	850	18	
BEAVER PASS	WA12	1120	Not Available		5	140	1270	0	321*	11	
SPUZZUM CREEK	1D19P	1180	01	No Snow	540	773	1823	540	1093*	5	
WAHLEACH LAKE	1D09P	1400	01	-	60	698	713	1359	0	650	12
CHILLIWACK RIVER	1D17P	1600	01	No Snow	938	1009	1969	237	1018*	9	
GREAT BEAR	1D15P	1660	01	-	296	1133	1433	2539	908	1568	13
TENQUILLE LAKE	1D06	1680	01	94	423	410	1132	1790	365	986	49
TENQUILLE LAKE	1D06P	1680	01	-	345	225	986	998	225	693*	4
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

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
					2005	2004	2003	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	Not Available		0	0	152	0	14*	12	

BEAVER PASS	WA12	1120	Not Available	5	140	1270	0	321*	11
HARTS PASS	WA09	1980	Not Available	460	881	1737	338	925*	13
HARTS PASS	WA09P	1980	Not Measured	183	686	1557	76	615	8

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Thompson Snow Station Map](#)

THOMPSON

June 1, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
COOK CREEK	1E14P	1280	01	No Snow	0A	0	8	0A	2*	5	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow	0A	19	435	0A	175	11	
MOUNT COOK	1E02P	1550	01	-	709	593	979	1579	593	977*	4
AZURE RIVER	1E08P	1620	01	-	735	473	788	1778	473	1030	8
ADAMS RIVER	1E07	1720	27	52	270	320	372	1155	0	595	35
KOSTAL LAKE	1E10P	1770	01	-	521	416	580	1377	155	700	20
NORTH CLEMINA CREEK	1E13	1860	26	132	655	523	757	1135	318	768	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

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
					2005	2004	2003	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	27	52	270	320	372	1155	0	595	35
SILVER STAR MOUNTAIN	2F10	1840	30	37	213	388	528	980	0	468	46
PARK MOUNTAIN	1F03P	1890	01	-	488	570	803	1269	296	742	19
ENDERBY	1F04	1900	04	86	460	643	891	1422	430	960	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

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
					2005	2004	2003	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow	0A	19	435	0A	175	11	
BRENDA MINE	2F18P	1460	01	No Snow	0	0	0	0	-	11	

BARKERVILLE	1A03P	1520	01	No Snow		0	0	291	0	66	21
YANKS PEAK EAST	1C41P	1670	01	-	128	364	236	1016	236	590	7
PENFOLD CREEK	1C23	1680	27	151	774	594	719	1354	353	847	34
GREEN MOUNTAIN	1C12P	1780	01	-	165	140	738	1183	140	610	11
MISSION RIDGE	1C18P	1850	01	No Snow		0	180	573	0	151	17

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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* - PERIOD OF RECORD AVERAGE

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[Go to Columbia Snow Station Map](#)

KOOTENAY

June 1, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
SULLIVAN MINE	2C04	1550	01	No Snow	0	0	137	0	13	22	
BANFIELD MOUNTAIN	MT05P	1710	01	No Snow	5	0	254	0	74	8	
MORRISSEY RIDGE	2C09Q	1800	01	No Snow	23	244	810	0	140	20	
RED MOUNTAIN	MT04	1830	Not Available		25B	36	559	0	132*	39	
MOYIE MOUNTAIN	2C10P	1930	01	No Snow	0	0	438	0	60	19	
HAWKINS LAKE	MT06P	1970	01	No Snow	10	170	947	8	495	8	
FLOE LAKE	2C14P	2090	01	-	225	563	675	979	98	610	10
HIGHWOOD SUMMIT (BUSH)	AL02	2210	31	35	140	371	381	671	89	373*	24

SUNSHINE VILLAGE	AL05	2230	03	47	213	381	498	902	107	500*	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											

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
					2005	2004	2003	Max.	Min.	Normal	
BUNCHGRASS MEADOW	WA01P	1520	01	No Snow	-	366	800	0	127	7	
GRAY CREEK (LOWER)	2D05	1550	28	No Snow	-	-	551	0	210	51	
GRAY CREEK (UPPER)	2D10	1910	28	41	199	328	-	1120	0	535	32
EAST CREEK	2D08P	2030	01	-	488	567	683	1256	111	770	22
REDFISH CREEK	2D14P	2104	01	-	878	760	1185	1624	760	1190*	3
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

Banner

[Go to Okanagan Snow Station Map](#)

KETTLE, OKANAGAN and SIMILKAMEEN

June 1, 2005

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
					2005	2004	2003	Max.	Min.	
BIG WHITE MOUNTAIN	2E03	1680	31	No Snow	60	124	658	0	202	39
GRANO CREEK	2E07P	1860	01	No Snow	334	390	754	11	378*	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										

OKANAGAN

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	
BRENDA MINE	2F18P	1460	01	No Snow	0	0	0	0	0	-	11
MISSION CREEK	2F05P	1780	01	-	64	293	308	641	0	236	33
MOUNT KOBAU	2F12	1810	30	No Snow	0	128	488	0	0	132	39
WHITEROCKS MOUNTAIN	2F09	1830	01	No Snow	0	0	848	0	0	196	33
SILVER STAR MOUNTAIN	2F10	1840	30	37	213	388	528	980	0	468	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

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
					2005	2004	2003	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	Not Available		0	0	152	0	14*	12	
BLACKWALL PEAK	2G03P	1940	01	No Snow	270	443	1253	0	452	37	
HARTS PASS	WA09	1980	Not Available		460	881	1737	338	925*	13	
HARTS PASS	WA09P	1980	Not Measured		183	686	1557	76	615	8	

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Northeast Snow Station Map](#)

NORTH EAST

June 1, 2005

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	
					2005	2004	2003	Max.	Min.		Normal
PACIFIC LAKE	1A11	770	26	No Snow	0	0	411	0	71	31	
AIKEN LAKE	4A30P	1040	01	No Snow	0	0	0	0	-	18	
PULPIT LAKE	4A09P	1310	01	No Snow	0	0	189	0	41*	14	
PINE PASS	4A02P	1400	01	-	680	576	634	1305	183	795	12
KWADACHA RIVER	4A27P	1620	01	No Snow	41	199	458	0	225*	16	
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

LIARD

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	
DEADWOOD RIVER	4C09P	1300	01	No Snow	0	0	31	0	3*	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											

Banner

[Go to Northwest Snow Station Map](#)

NORTH WEST

June 1, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	01	No Snow	0	0	0	83	0	9*	14
TUMEKA CREEK	4D10P	1220	01	No Snow	0	180	488	488	0	162*	15
WADE LAKE	4D14P	1370	01	No Snow	0	30	243	243	0	80*	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

YUKON

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2005	2004	2003	Max.	Min.	Normal	No. Years Record
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

SKEENA/NASS

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	
GRANDUC MINE	4B12P	790	01	-	1031	818	1084	1084	818	935*	3
CEDAR-KITEEN	4B18P	885	01	No Snow	0	0	356	0	161*	4	
LU LAKE	4B15P	1310	01	No Snow	0	0	180	0	34*	6	
TSAI CREEK	4B17P	1360	01	-	581	435	761	1826	371	990*	7
KIDPRICE LAKE	4B01	1370	31	25	117	86	415	1209	0	666	30
HUDSON BAY MTN.	4B03A	1480	31	No Snow	0	254	729	0	288	32	
SHEDIN CREEK	4B16P	1480	01	-	454	-	446	1075	98	716*	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											