

Banner

Site Map

RFC Home

Data

Interpretation

Glossary

Related Links

Contacts

Contents

- [Province-Wide Synopsis](#)
- [Basin Snow Water Index Map](#)
(May 1, 2005)

Basin Data and Graphs

- [Upper Fraser](#)
- [Mid and Lower](#)
- [Fraser](#)
- [Thompson](#)
- [Columbia](#)
- [Kootenay](#)
- [Okanagan, Kettle, and Similkameen](#)
- [Coastal](#)
- [North East](#)
- [North West](#)
- [Ground Water](#)
- [2005 Survey schedule](#)
- [2005 Snow Survey network](#)
- [Corrected or previously unpublished data](#)

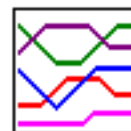
Snow Survey Bulletin

Snowpack and Water Supply Outlook for British Columbia

May 15, 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 May 15th snow survey is now complete. Data from 33 snow courses and 58 snow pillows around the province have been used to form the basis for the following reports.

Snowpack

Snow conditions are quite variable across the province at May 15, with much of southern and coastal BC having well below normal snowpacks, and central and northern BC having slightly below normal or near normal snowpacks. In all areas except the far north, low and mid elevation snow is notably absent or well below normal.

Moderate to high temperatures affected most of BC during late April and early May, producing high rates of snowmelt. As a result, all basin Snow Water Indexes (except the Upper Fraser) experienced a significant decline in snow water since May 1.

The North Thompson, South Thompson, Upper Fraser, Skeena and Peace river basins have May 15 snowpacks ranging from 70-90% of normal. The

Liard basin has snow conditions are near normal or above normal.

Vancouver Island, the lower Fraser valley and the South Coast, along with the Similkameen, portions of the west and south Okanagan, southern portions of the East and West Kootenay, and southern portions of the Middle and Lower Fraser (including the Nicola and Coldwater) continue with far below normal snowpacks as of May 15.

Weather

The first half of May experienced generally slightly above normal temperatures, and close to normal precipitation, for much of the province. The moderate temperatures and rainfall contributed to significant above normal snow melt and runoff.

Runoff from rivers throughout the province was high during early May. The Upper Fraser, North Thompson, South Thompson, Skeena, and others, experienced early high flows in mid-May. It is possible that the high flows in the Fraser and Thompson basins will be the freshet peak flows of the year. Significant rainfall will be required during late May or June to produce water levels that exceed those experienced in mid-May.

Many rivers in south and central BC (e.g., Trout Creek, Vaseux Creek, Mission Creek, Kettle River, Nicola River, Similkameen River, etc.) may have experienced their freshet peak discharge in late April or early, and are already beginning their recession into low flow conditions. The Similkameen River is receding and is currently at a record low discharge.

Outlook

Some regions have little snow and will experience 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.

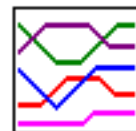
These regions will experience an earlier than usual onset of low flow conditions. **Unless spring and early summer precipitation is well above normal, there is a high potential for very low summer season flow in rivers throughout these areas.** This is particularly so for rivers unsupported by storage.

The flows experienced throughout the Fraser River system (including the Thompson River) in mid-May will possibly be the freshet peak flows of the year. Our simulation models suggest that a significant frontal rainfall event will be required to produce flows in the Fraser and Thompson that exceed those that occurred over the last 2 weeks.

Some regions currently have near enough normal snowpacks that there is significant potential for high flows during late May and June, These include the Peace, Liard and Skeena.

[Top](#)

Upper Fraser & Nechako Basins



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 15

All snow courses in the Upper Fraser experienced significant melt during the first two weeks of May (50-200 mm of snow water equivalence). The Snow Water Index for the upper Fraser is at 86% of normal for May 15. Precipitation at Prince George was near normal for the first half of May (27 mm versus monthly normal of 51 mm). Low elevation snow is generally gone, while upper elevation snow is generally in the 75-100% range. The Revolution Creek snow pillow is recording the highest snow water in the Upper Fraser, at 119% of normal.

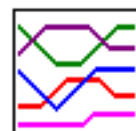
Based on only a few survey locations, the Nechako Snow Water Index is 75% of normal, reduced from 84% at May 1.

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



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

Middle and Lower Fraser



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 15

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 May 15 Snow Water Index of 37% of normal, while the Lower Fraser had an index of 24% (a record low for May 15). Only one snow course is reporting above normal snow (Penfold Creek in the upper Quesnel basin, at 101%). The Barkerville snow pillow is reporting 37% of normal. Low elevation snow is generally absent in most areas.

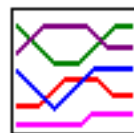
Streamflows were above normal for early May.



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

• [Top](#)

Thompson Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

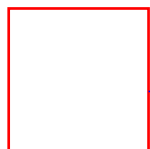
May 15

The Thompson basin experienced well above normal loss of snow water during the first half of May. The North Thompson Snow Water Index is 87% of normal for May 15, with individual snow courses generally varying between 50% and 95% of normal. Low elevation snow is generally absent. The South Thompson Snow Water Index is at 71%.

Streamflows in the region, as indicated by the mean monthly flows in the Thompson River at Spences Bridge, were above normal for early May.

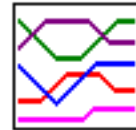


[Hydrograph of the North Thompson River at McLure](#)



[Hydrograph of the Thompson River near Spence's Bridge](#)

Columbia Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 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 at 67% of normal, decreased from the May 1 value of 80%. Individual snow survey sites range from zero to 75% of normal in the Lower Columbia, and 60-90% in the Upper Columbia.

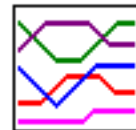
Streamflows in the region, as represented by the mean monthly flow in the Columbia River at Donald, have remained above normal in May:



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

[• Top](#)

Kootenay Basin



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 15

Based on a limited sample, the Kootenay Snow Water Index has fallen to 53% of normal on May 15, from its May 1st level of 68%. Individual snow courses range from zero snow at low and mid elevation throughout southern portions of the Kootenays, to a high of 76% of normal at high elevation and in northern portions.

Streamflows, as indicated by the mean monthly flows in the Kootenay River at Fort Steele, have remained above normal for early May.



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

Okanagan, Kettle, and Similkameen Basins



[Data
Graphs](#)



[Snow Survey Data
Measurements](#)

May 15

Following the significant melt that occurred in late April and early May, the overall Snow Water Index for the Okanagan-Kettle has fallen to only 43% of normal. Individual station readings for the Kettle range from zero snow to 55% of normal. For the Okanagan, individual station readings range from zero snow to 84% of normal (Mission Creek snow pillow). Most of the Okanagan basin appears to be snow free as of May 15, with the exception of the north-east portion. The Mission Creek snow pillow reports 84% of normal snow, and the Silver Star snow course has 81% of normal snow.

The Similkameen basin Snow Water Index is only 17% of normal for May 15. Based on an April-July volume runoff forecast of 740 million cubic metres (602,000 acre-feet) (45% of 1971-200 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.

As a result of the snowmelt in late April and early May, and a rain event in early May, it appears that small streams (e.g., Trout Creek, Vaseux Creek, Mission Creek, Kettle River, etc.) may have experienced their largest peak flow of the snowmelt freshet period, at least 3 weeks earlier than usual. Unless the remainder of May and June experience well above normal rainfall, small and mid-sized rivers throughout the Okanagan, Kettle and Similkameen basins will decline rapidly to low flow conditions, 2-4 weeks earlier than usual.

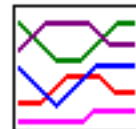
The Similkameen River experienced its freshet peak flow on April 27, and is now declining rapidly into low flow conditions. It is currently below the previously-recorded record low flow for mid-May:



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

[• Top](#)

Vancouver Island & Coastal Regions



[Data
Graphs](#)



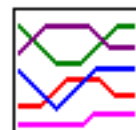
[Snow Survey Data
Measurements](#)

May 15

Snow packs on the Vancouver Island and South Coastal regions remain well below normal as of May 15. The Vancouver Island average snow water index is only 17% of normal. The South Coastal index is 29% of normal. These are record low snow index values for this date.

Unless the remainder of May and June experience 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](#)



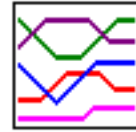
[Snow Survey Data
Measurements](#)

May 15

Based on a limited survey, it appears that mid and high elevation snow in the Peace River basin is near normal for May 15 (90%). Three snow pillow readings vary from 83% to 106% of normal.

[• Top](#)

North West Region



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



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

May 15

The Skeena/Nass basins have an average snow water index of 75% of normal for May 15, a significant decrease from their May 1 value of 86%. Snow appears to be generally well distributed across a range of elevations, with individual snow courses varying between 60-105% of normal.

Regional stream flows, as reflected by the mean monthly flows in the Skeena River at Usk, remained well above normal during early May. The Skeena River experienced an early high flow on May 16th. There is sufficient snow remaining in the basin for the Skeena River to produce a second significant peak later in May or June.



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

footer graphic

Banner

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

UPPER and MIDDLE FRASER

May 15, 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	09	No Snow	242	214	728	0	341	30	
HEDRICK LAKE	1A14P	1100	15	-	559	709	435	998	435	717*	5
BARKERVILLE	1A03P	1520	15	-	86	0	105	503	0	234	27
KNUDSEN LAKE	1A15	1580	09	173	804	642	660	1205	359	832	30
MC BRIDE (UPPER)	1A02	1580	09	97	379	221	303	752	24	367	37
NARROW LAKE	1A21	1650	10	151	723	695	690	1375	489	950	29
REVOLUTION CREEK	1A17P	1690	15	-	848	435	443	1161	228	713	19
LONGWORTH (UPPER)	1A05	1740	09	126	630	602	616	1219	292	772	51
DOME MOUNTAIN	1A19	1820	09	157	709	591	604	1168	385	813	32
YELLOWHEAD	1A01P	1860	15	-	450	401	611	825	139	579	8
HOLMES RIVER	1A18	1900	09	174	818	602	688	1125	359	777	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

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	
TAHTSA LAKE	1B02P	1300	15	-	1021	671	972	1765	671	1255	12
MOUNT PONDOSY	1B08P	1400	15	-	387	207	561	1198	207	645	12
MOUNT WELLS	1B01P	1490	15	-	408	171	344	759	171	510	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

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	15	-	236	398	304	761	184	464	11
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	125	0	20*	12

BARKERVILLE	1A03P	1520	15	-	86	0	105	503	0	234	27
MOUNT TIMOTHY	1C17	1660	14	No Snow		76	140	466	0	201	36
YANKS PEAK EAST	1C41P	1670	15	-	503	563	511	1125	398	800	8
PENFOLD CREEK	1C23	1680	10	269	1031	689	884	1400	585	1019	35
GREEN MOUNTAIN	1C12P	1780	15	-	497	424	1009	1366	424	845	11
MISSION RIDGE	1C18P	1850	15	No Snow		0	463	878	0	382	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

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

MIDDLE and LOWER FRASER

May 15, 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	15	-	236	398	304	761	184	464	11
BRENDA MINE	2F18P	1460	15	No Snow	0	0	125	0	20*		12
BARKERVILLE	1A03P	1520	15	-	86	0	105	503	0	234	27
MOUNT TIMOTHY	1C17	1660	14	No Snow	76	140	466	0	201		36
YANKS PEAK EAST	1C41P	1670	15	-	503	563	511	1125	398	800	8
PENFOLD CREEK	1C23	1680	10	269	1031	689	884	1400	585	1019	35
GREEN MOUNTAIN	1C12P	1780	15	-	497	424	1009	1366	424	845	11
MISSION RIDGE	1C18P	1850	15	No Snow	0	463	878	0	382		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

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		955P	730P	1930P	730P	1317*	4	
DOG MOUNTAIN	3A10	1080	17	12	57	820	431	2920Z	0	1100	19
SPUZZUM CREEK	1D19P	1180	15	-	49	975	1032	2085	975	1399*	5
WAHLEACH LAKE	1D09P	1400	15	-	460	988	911	1624	335	960	13
CHILLIWACK RIVER	1D17P	1600	15	-	405	1271	1335	2186	764	1260*	10
GREAT BEAR	1D15P	1660	15	-	660	1316	1425	2436	1114	1823	13
TENQUILLE LAKE	1D06	1680	17	135	597	691	1248	1875	625	1162	48
TENQUILLE LAKE	1D06P	1680	15	-	559	469	1144	1211	469	897*	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	
HARTS PASS	WA09P	1980	15	-	345	546	-	1748	467	952	7

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Thompson Snow Station Map](#)

THOMPSON

May 15, 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	15	No Snow	259	0	345	0	211*	5	
BOSS MOUNTAIN MINE	1C20P	1460	15	-	236	398	304	761	184	464	11
MOUNT COOK	1E02P	1550	15	-	1061	855	1196	1793	855	1199*	4
AZURE RIVER	1E08P	1620	15	-	1185	743	923	1665	743	1230	8
ADAMS RIVER	1E07	1720	13	95	420	466	612	1158	280	712	33
KOSTAL LAKE	1E10P	1770	15	-	853	568	691	1357	568	887	20
NORTH CLEMINA CREEK	1E13	1860	09	172	797	618	813	1177	536	856	14
TROPHY MOUNTAIN	1E03A	1860	15	91	338	372	448	1114	301	608	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
					2005	2004	2003	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	13	95	420	466	612	1158	280	712	33
SILVER STAR MOUNTAIN	2F10	1840	14	109	537	473	685	1054	100	661	46
PARK MOUNTAIN	1F03P	1890	15	-	784	675	864	1321	474	927	20
ENDERBY	1F04	1900	15	150	757	738	1060Z	1499	662	1089	42

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	

BOSS MOUNTAIN MINE	1C20P	1460	15	-	236	398	304	761	184	464	11
BRENDA MINE	2F18P	1460	15	No Snow		0	0	125	0	20*	12
BARKERVILLE	1A03P	1520	15	-	86	0	105	503	0	234	27
MOUNT TIMOTHY	1C17	1660	14	No Snow		76	140	466	0	201	36
YANKS PEAK EAST	1C41P	1670	15	-	503	563	511	1125	398	800	8
PENFOLD CREEK	1C23	1680	10	269	1031	689	884	1400	585	1019	35
GREEN MOUNTAIN	1C12P	1780	15	-	497	424	1009	1366	424	845	11
MISSION RIDGE	1C18P	1850	15	No Snow		0	463	878	0	382	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Columbia Snow Station Map](#)

KOOTENAY

May 15, 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	
FERNIE EAST	2C07	1250	15	No Snow	0	8	290	0	46	43	
SULLIVAN MINE	2C04	1550	12	No Snow	0	0	457	0	105	53	
BANFIELD MOUNTAIN	MT05P	1710	15	-	2	0	236	569	0	305	7
MORRISSEY RIDGE	2C09Q	1800	15	-	195	105	731	1091	0	460	21
MOYIE MOUNTAIN	2C10P	1930	15	No Snow	0	308	552	0	255	24	
HAWKINS LAKE	MT06P	1970	Not Measured		193	523	1067	178	706	8	
FLOE LAKE	2C14P	2090	15	-	476	683	874	1088	304	765	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

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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	
CHAR CREEK	2D06	1310	15	11	38	142	318	715	0	279	35
BUNCHGRASS MEADOW	WA01P	1520	15	-	150	221	665	1163	221	582	8
EAST CREEK	2D08P	2030	15	-	694	754	806	1387	461	925	23
REDFISH CREEK	2D14P	2104	15	-	1050	1024	1387	1748	1024	1386*	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

May 15, 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.	Normal	
FARRON	2B02A	1220	13	No Snow	0	14	222	0	110	25	
BIG WHITE MOUNTAIN	2E03	1680	15	37	154	228	426	732	0	390	39
GRANO CREEK	2E07P	1860	15	-	298	375A	593	855	308	541*	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	
SUMMERLAND RESERVOIR	2F02	1280	15	No Snow	0	0Z	218	0	32	39	
VASEUX CREEK	2F20	1400	15	No Snow	0	0Z	80	0	9	33	
TROUT CREEK	2F01	1430	15	No Snow	0	0	307	0	30	52	
BRENDA MINE	2F18P	1460	15	No Snow	0	0	125	0	20*	12	
GREYBACK RESERVOIR	2F08	1550	16	No Snow	0	26	323	0	100	33	
ISINTOK LAKE	2F11	1680	15	No Snow	0	4	386	0	78	39	
MISSION CREEK	2F05P	1780	15	-	341	401	540	829	0	407	33
MOUNT KOBAU	2F12	1810	15	2	12	93	314	516	0	254	38
WHITEROCKS MOUNTAIN	2F09	1830	16	No Snow	226	289	968	0	401	34	
SILVER STAR MOUNTAIN	2F10	1840	14	109	537	473	685	1054	100	661	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	
MISSEZULA MOUNTAIN	2G05	1550	15	No Snow	0	0	218	0	54	41	
ISINTOK LAKE	2F11	1680	15	No Snow	0	4	386	0	78	39	
LOST HORSE MOUNTAIN	2G04	1920	14	No Snow	-	220A	577	4	192	40	

BLACKWALL PEAK	2G03P	1940	15	-	199	450	671	1481	208	706	37
HARTS PASS	WA09P	1980	15	-	345	546	-	1748	467	952	7

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

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

COASTAL

May 15, 2005

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
					2005	2004	2003	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		-	-	1045	1045	1045*	1	
DOG MOUNTAIN	3A10	1080	17	12	57	820	431	2920Z	0	1100	19
ORCHID LAKE	3A19	1190	Not Available		1430	1230	3730A	774	1900	24	
ORCHID LAKE	3A19P	1190	15	-	536	1393	1390	2804	828	1814*	17
UPPER SQUAMISH RIVER	3A25P	1340	15	-	709	1016	1384	1796	949	1515	14
NOSTETUKO RIVER	3A22P	1500	15	-	19	161	420	860	21	365*	13
UPPER MOSELY CREEK	3A24P	1650	15	No Snow	0	207	402	0	138*	16	

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

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
					2005	2004	2003	Max.	Min.	Normal	
JUMP CREEK	3B23P	1160	15	No Snow	476	521	1474	251	975	8	
WOLF RIVER (UPPER)	3B17P	1490	15	-	213	994	1649	1726	507	1300	16

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

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
					2005	2004	2003	Max.	Min.	Normal	
TAHTSA LAKE	1B02P	1300	15	-	1021	671	972	1765	671	1255	12

BURNT BRIDGE CREEK	3C08P	1330	15	-	559	206	484	994	206	554*	7
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A - SAMPLING PROBLEMS WERE ENCOUNTERED

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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Northeast Snow Station Map](#)

NORTH EAST

May 15, 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	09	No Snow	242	214	728	0	341	30	
AIKEN LAKE	4A30P	1040	15	No Snow	0	60	188	0	47*	18	
PULPIT LAKE	4A09P	1310	15	-	204	180	292	454	49	230	14
PINE PASS	4A02P	1400	15	-	1140	920	850	1471	813	1073	13
KWADACHA RIVER	4A27P	1620	15	-	278	267	311	468	109	336*	18

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

LIARD

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2005	2004	2003	Max.	Min.	Normal	
DEADWOOD RIVER	4C09P	1300	15	-	97	0	0	207	0	40*	11
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

Banner

[Go to Northwest Snow Station Map](#)

NORTH WEST

May 15, 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	15	-	113	225	259	411	0	186*	14
TUMEKA CREEK	4D10P	1220	15	-	325A	293	412	771	195	442*	15
WADE LAKE	4D14P	1370	15	-	161	248	244	427	0	267*	13

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

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	
LOG CABIN	4E01	880	16	7	28	150A	0	420	0	200	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

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	15	-	1549	1421	1455	1545	1421	1474*	3
CEDAR-KITEEN	4B18P	885	15	-	368	116	120	653	116	351*	4
LU LAKE	4B15P	1310	15	No Snow	0	0	416	0	111*	6	
TSAI CREEK	4B17P	1360	15	-	1031	810	975	1909	810	1183*	7
HUDSON BAY MTN.	4B03A	1480	13	63	268	184	354	752	160	441	32
SHEDIN CREEK	4B16P	1480	15	-	915	-	713	1159	660	945*	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