

Banner[Province-Wide Synopsis](#)

Snowpack and Water Supply Outlook for British Columbia

June 1, 2004

[Basin Data and Graphs](#)

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.

[-Upper Fraser](#)[-Mid and Lower Fraser](#)[-Thompson](#)

Province-wide Synopsis



[B.C Summary Graphs of Snow Water Equivalents](#)

[-Columbia](#)[-Kootenay](#)[-Okanagan, Kettle, and Similkameen](#)

The June 1st snow survey is quite small, as many lower level snow courses are normally snow free by this date and those that have snow are depleting rather than accumulating. However, snow surveys have been conducted at 32 snow courses in B.C. and 7 in adjacent jurisdictions. These, together with data from 57 snow pillows, and Environment Canada climate data, have been used in making the following analyses. Because of the very limited sampling, commentaries are necessarily brief.

[-Coastal](#)[-NorthEast](#)

A very brief report will be issued about June 18 reporting on mid-month snow levels. If unusual conditions occur, please refer to our Current [Runoff Conditions](#) page for further commentaries and assessments.

[-NorthWest](#)

Snowpack

[-May 1 Seasonal flow volume forecasts](#)

BC June 1 snowpacks vary from well below normal to far below, with the majority in the southern half of the province in the well below to far below normal range.

[-April 1 Peak Snowpack Map](#)

While cumulative winter precipitation has been below normal in many areas, the biggest factor in the small BC snowpacks for June 1 has been the warm March, April, and mid-May weather, resulting in a spring snowmelt two to four weeks ahead of schedule, on already below normal peak snowpacks. This has also resulted in higher snowlines than usual for this date.

[-Drought monitoring](#)

Weather

May precipitation varied, from above normal in the Fraser, Thompson, North Columbia, Okanagan & Similkameen, to far below normal in most of the north.

[Corrected or previously unpublished data](#)

Cumulative precipitation since November first also varies, with most in the normal to slightly below normal range, and the Upper Fraser, Nechako, Kootenay, and Skeena in the well below normal cumulative precipitation range.

Where March and April were warmer than usual across the province, May mean temperatures varied from well below normal in the Northeast, to well above normal in the Northwest, Nechako, lower Fraser, South Coast, and Vancouver Island.

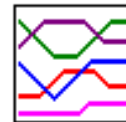
Outlook

Snowlines throughout the province are higher than usual for this date. Unless there are substantial rains in the next few months (not forecast) this will result in earlier than normal fire hazards. See the [Ministry of Forests web-site](#) for current information on fire hazards.

There is a much lower than normal chance of flooding nearly everywhere in BC this spring. Most streams, from the Skeena and Upper Fraser and southwards, have probably already seen their peaks for the year (very early) unless there is heavy sustained rain over the next two weeks. Less upper elevation snow in most areas could result in streamflows dropping more quickly than usual after the freshet, particularly if the summer is drier and warmer than usual, as is forecast for most of the province by Environment Canada.

Residents with limited water supplies in nearly all parts of the province, particularly in the southern half, should practice water conservation throughout the upcoming months, unless heavy rains in June and early July change the situation. Residents of the Bulkley Valley, Nechako, Okanagan, Nicola, North Thompson, Kootenays, southern Vancouver Island, much of the not above mentioned Southern Interior, and possibly the Liard, should start practicing strict water conservation now, not later, as conditions could become drier than last summer. Other regions in BC of concern for drought potential this year can be found in our [drought monitoring page](#).

Upper Fraser & Nechako Basins



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



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

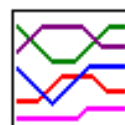
June 1

While the Upper Fraser had a near normal monthly mean temperature during May, the Nechako, particularly the reservoir area, had an above normal monthly mean temperature. Precipitation was above normal in both basins (well above in the Upper Fraser). Due to the early onset of spring, and below normal peak snowpacks of this winter, there is only slightly more than half of the usual mid to higher elevation snow in the Upper Fraser, with little snow below 1600 meters. The snow index shows around a quarter of usual snow for June 1 in the Nechako, with most readings showing no snow.

Regional streamflows in the Upper Fraser , as indicated by the mean monthly flow in the Fraser River at Marguerite, have been lower than usual during May, due to less snow than normal being available for melt and runoff. It is likely the Fraser at Prince George has seen its peak, unless heavy sustained rain occurs over the next few weeks. It is very unlikely that extreme high flows will occur in the Upper Fraser this year, even if extreme weather patterns occur during the next two weeks. While there has been above normal precipitation in the Nechako plateau over the last two months, there has been well below normal precipitation over the winter, and there is little June 1 snow remaining. Drought conditions are highly possible for the Nechako plateau region this summer, unless substantial rainfall continues for the next month or so.

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Middle and Lower Fraser



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June 1

Precipitation has been above normal for the last two months at Quesnel, the indicator climate station for the Middle Fraser. Mean monthly temperature during May was normal, after a very warm March and warm April. No snow was found at stations below 1650 meters. Due to the much less than normal peak snowpacks this winter, and substantially early melt, snow water equivalents measured show less than half of the usual June 1 snowpack depths in the Middle Fraser region overall.

The Lower Fraser continued warmer than usual for the fourth month in a row. Precipitation was near normal during May, after a very dry April. Remaining upper elevation snowpacks in the interior portions of the lower Fraser are far below normal for June 1. However, the few measurements from upper elevation stations immediately around the Fraser Valley/'lower mainland' area show near normal snow water equivalents, though snowlines are high for June 1.

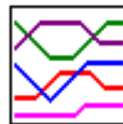
Monthly mean flow in the Fraser River at Hope was lower than usual during May, as due to the smaller than usual peak snowpacks, freshet flows have been light. Flood level flows in the lower mainstem Fraser are extremely unlikely, and unless there is heavy sustained rain over the entire basin in the next few weeks, we will probably see the very low, early peak for the season this week. Unless substantial rain occurs over the next two months, streamflows in the Middle and Lower Fraser will fall to low levels rapidly, with the Bridge River and Interior Plateau areas still at high risk of drought.



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

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Thompson Basin



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June 1

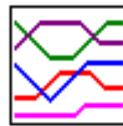
Precipitation in the Thompson has been well above normal during May, more than twice normal at Kamloops. Despite more normal temperatures in the North Thompson during May, the warm temperatures of the three previous months have snowmelt well advanced. Little snow remains below 1500 meters, and snow above that elevation appears to be only a little more than half of normal for June 1. From fairly few readings, upper elevation snow in the South Thompson appears to be around two thirds of normal.

Very little snow remains in the Nicola. Fortunately, the rains of the last two weeks have brought Nicola Lake to full pool level. However, groundwater levels are still low, and unless the rains continue, streamflows will fall more quickly than usual as the summer progresses. Drought similar to last year remains a possibility, depending on the next two months' weather.

Regional streamflows, as indicated by the mean monthly flow in the Thompson River at Spences Bridge, were below normal during May, due to the early melt and light peak snow pack. Unless extreme weather conditions occur in the next few weeks, flows may not again rise above those experienced this week. High flood level flows are extremely unlikely this spring. While groundwater levels have improved slightly over the last two months, they are still well below normal. Unless the next two months continue to be wet, streamflows will fall rapidly this summer, and drought conditions, especially in the North and lower Thompson, will be seen this summer.

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Columbia Basin



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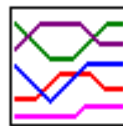
June 1

Temperatures in the Columbia basin have been near normal during May, after a warmer than usual previous three months. Precipitation during the month was slightly wetter than normal in northern portions, bringing cumulative precipitation since November 1 to normal at Revelstoke. Due to lighter snowpacks and early melt, the snow water index for the Columbia region overall is at 70% of normal for June 1, however there appears to be more than this in the north, and less in the lower Columbia.

Streamflows in the Columbia, as represented by the mean monthly flow at Donald, were below normal during May. Due to lighter than usual snowpacks, and early melt runoff in April, May freshet volumes were less than usual. It is unlikely high flood levels will be experienced in the region this freshet, unless there is sustained hot weather and then heavy rain. The lower Columbia will experience very dry conditions this summer unless there is substantial rain in the next two months.

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Kootenay Basin



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June 1

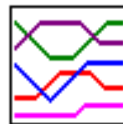
Monthly mean temperature in the Kootenays (Cranbrook) was near normal during May, after the previous three warmer than normal months. Precipitation was below normal, with the cumulative precipitation since November 1 now only 71% of normal. Due to the lighter than normal peak snowpack, and heavier than usual early spring melt, remaining snowpacks are far below normal. The overall Kootenay snow index is at 57% of normal for June 1. The few readings show very little snow in the East Kootenays below 2000 meters, with only high elevation snow remaining. The snowline in the West Kootenays appears to be slightly lower, with somewhere around 70% of the usual upper elevation snow remaining for this date.

Streamflows, as indicated by the mean flow in the Kootenay River at Fort Steele, were well below normal during May, as much of the relatively small low to mid elevation snow melted off in a warm April, leaving less to run off in the more normal

temperatures of May. Flood level flows are extremely unlikely, and heavy sustained rains occur in the next few weeks, we have already seen the peak flows for this spring. If heavy rain does not occur over the next two months, the Kootenays, especially eastern areas, will experience drought conditions this summer.

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Okanagan, Kettle, and Similkameen Basins



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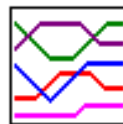
June 1

Temperatures in the Okanagan/Kettle and the Similkameen, as indicated by the mean monthly temperatures at Kelowna and Princeton, were near normal during May. Precipitation was above normal in both those locations. However, due to the less than normal peak snowpacks, and early melt, both basins appear to have less than half of their usual upper elevation snow for this date, and snowline is much higher than usual.

Streamflows, which were higher than normal in early May, fell with receding snowpacks and cooler weather to well below normal during the second week of May, then briefly rose to near average with the warm weather then rain in the third week. Unless heavy sustained rain occurs in the next few weeks, this early May peak may have been the peak for the freshet. Recent rainfall has brought Okanagan Lake to just above last year's peak level. However, unless substantial rains continue to occur over the next two months, drought conditions will occur again this summer in these regions.

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Vancouver Island & Coastal Regions



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June 1

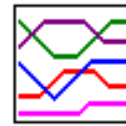
Mean monthly temperature during May was well above normal on the South Coast and Vancouver Island (2°C). While May precipitation was near normal, cumulative precipitation since November 1 has been below normal.

Early snow melt has reduced the near normal mid-winter snowpacks on the South Coast and Vancouver Island to well below normal for this date, with snowlines quite high. The extreme South Coast (near the Lower Fraser valley) appears to have more normal depth high elevation snowpacks, although they are smaller in extent than usual for this date. On the Central Coast snowpack is well below normal, with no snow at any of the snow pillows there.

With the continuing snow melt, and normal precipitation over May, streamflows on Vancouver Island, as indicated by the monthly inflow to Upper Campbell Lake, were normal. However, groundwater levels are low, and unless substantial rain is experienced over the next two months drought conditions will exist (on central and southern Vancouver Island particularly) this summer. Similiar conditions could occur along the south and central coast.

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North East Region



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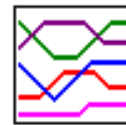
June 1

The Peace and Liard basins were the only to areas to have a well below normal monthly mean temperature during May (-2°C). Precipitation was also well to far below normal for the month. Cumulative winter/spring precipitation has been below normal. From a very few readings, snow at lower elevations appears to be gone, with well below normal snow remaining at higher elevations.

Despite lower than normal temperatures and precipitation, inflow to Williston Lake was normal over May. Drought conditions could be experienced in lower sub-basins in the Liard this summer.

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NorthWest Region



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June 1

The mean monthly temperature during May in the northwest was well above normal ($1.7-1.9^{\circ}\text{C}$). Precipitation was far below normal in Smithers, but only slightly

below normal in the Stikine (Dease Lake). Remaining snowpacks appear to be far below normal in the Skeena, and, from sparse data, may be below normal in the Stikine due to more rapid May snow melt.

Regional streamflows, as indicated by the flows in the Skeena River at Usk, were well above normal during May, due to the warm weather, and despite low precipitation. Unless heavy sustained rain occurs in the next week, we are probably seeing the peak flows in the Skeena in this first week of June. Drought conditions are a high possibility in the Bulkley, as snowpacks and spring precipitation have been light, unless well above normal rainfall occurs during the next two months.

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UPPER and MIDDLE FRASER

June 1, 2004

UPPER FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	26	No Snow	0	411	411	0	71	30	
HEDRICK LAKE	1A14P	1100	01	-	30	23	1380	1380	23	521*	4
BIRD CREEK	1A23	1180	31	No Snow	0	0	0	0	-	10	
BARKERVILLE	1A03P	1520	01	No Snow	0	240	291	0	66	20	
KNUDSEN LAKE	1A15	1580	26	98	487	521	1017	1039	0	662	29
MC BRIDE (UPPER)	1A02	1580	26	No Snow	163	370	592	0T	204	36	
NARROW LAKE	1A21	1650	27	100	517	523	1093	1339	116	794	30
REVOLUTION CREEK	1A17P	1690	01	-	195	260	935	935	0	495	19
LONGWORTH (UPPER)	1A05	1740	26	89	436	454	1116	1194	0	591	47
DOME MOUNTAIN	1A19	1820	26	100	498	492	966	1062	0	664	32
YELLOWHEAD	1A01P	1860	01	-	229	454	645	857	0	464	7
HOLMES RIVER	1A18	1900	26	117	550	642	874	1029	84	687	33

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

NECHAKO**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
TAHTSA LAKE	1B02	1300	31	81	416	698	1385	1651	535	1007	29
TAHTSA LAKE	1B02P	1300	01	-	363	741	1548	1576	277	1001	11
KIDPRICE LAKE	4B01	1370	31	18	86	415	1177	1209	0	666	29
MOUNT PONDOSY	1B08P	1400	01	No Snow	250	951	951	0	280		11
MOUNT WELLS	1B01	1490	31	No Snow	0	529	529	0	250		27
NUTLI LAKE	1B07	1490	31	No Snow	0	615	615	0	245*		13
MOUNT WELLS	1B01P	1490	01	No Snow	91	607	607	0	250		12
MOUNT SWANNELL	1B06	1620	31	No Snow	95	346	350Z	0	128*		15

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow		19	353	435	0	175	10
BRENDA MINE	2F18P	1460	01	No Snow		0	0	0	0	-	10
BARKERVILLE	1A03P	1520	01	No Snow		0	240	291	0	66	20
MOUNT TIMOTHY	1C17	1660	29	No Snow		-	209	332	0	52	35
YANKS PEAK EAST	1C41P	1670	01	-	364	236	911	1016	236	590	6
PENFOLD CREEK	1C23	1680	27	108	594	719	1157	1354	353	847	33
GREEN MOUNTAIN	1C12P	1780	01	-	140	738	905	1183	229	610	10
MISSION RIDGE	1C18P	1850	01	No Snow		180	229	573	0	151	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											

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

MIDDLE and LOWER FRASER

June 1, 2004

MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow		19	353	435	0	175	10
BRENDA MINE	2F18P	1460	01	No Snow		0	0	0	0	-	10
BARKERVILLE	1A03P	1520	01	No Snow		0	240	291	0	66	20
MOUNT TIMOTHY	1C17	1660	29	No Snow		-	209	332	0	52	35
YANKS PEAK EAST	1C41P	1670	01	-	364	236	911	1016	236	590	6
PENFOLD CREEK	1C23	1680	27	108	594	719	1157	1354	353	847	33
GREEN MOUNTAIN	1C12P	1780	01	-	140	738	905	1183	229	610	10
MISSION RIDGE	1C18P	1850	01	No Snow		180	229	573	0	151	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

LOWER FRASER**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
DISAPPOINTMENT LAKE	1D18P	1040	04	-	564P	655P	1582P	1582P	655P	1108*	3
CALLAGHAN CREEK	3A20	1040	30	No Snow	120	254	1228	0	220		20
DOG MOUNTAIN	3A10	1080	04	67	389	280	1227	2480Z	56	850	17
BEAVER PASS	WA12	1120	28	1	5A	140	579	1270	0	352*	10
SPUZZUM CREEK	1D19P	1180	01	-	540	773	1823	1823	773	1231*	4
WAHLEACH LAKE	1D09P	1400	01	-	698	713	1225	1359	0	650	11
CHILLIWACK RIVER	1D17P	1600	01	-	938	1009	1969	1969	237	1028*	8
GREAT BEAR	1D15P	1660	01	-	1133	1433	2539	2539	908	1568	12
TENQUILLE LAKE	1D06	1680	01	74	410	1132	1128	1790	365	986	48
TENQUILLE LAKE	1D06P	1680	01	-	225	986	998	998	563	849*	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											

SKAGIT**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	

FREEZEOUT CREEK TRAIL	WA11	1070	27	No Snow		0	0	152	0	15*	11
BEAVER PASS	WA12	1120	28	1	5A	140	579	1270	0	352*	10
HARTS PASS	WA09	1980	27	81	460	881	1445	1737	338	964*	12
HARTS PASS	WA09P	1980	01	-	183	686	993	1557	76	615	7

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

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[Go to Thompson Snow Station Map](#)

THOMPSON

June 1, 2004

NORTH THOMPSON

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
COOK CREEK	1E14P	1280	01	No Snow	0	0	8	0	2*	4	
COOK FORKS	1E06	1390	31	5	22	245	628	1026	0	400	41
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow	19	353	435	0	175	10	
MOUNT COOK	1E02P	1550	01	-	593	979	1579	1579	755	1104*	3
MOUNT COOK	1E02A	1580	31	98	568	878	1301	1744	377	1075	30
AZURE RIVER	1E08P	1620	01	-	473	788	1369	1778	530	1030	7
ADAMS RIVER	1E07	1720	01	66	320	372	834	1155	0	595	34
KOSTAL LAKE	1E10P	1770	01	-	416	580	984	1377	155	700	19

NORTH CLEMINA CREEK	1E13	1860	26	108	523	757	1040	1135	318	768	15
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

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
					2004	2003	2002	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	01	66	320	372	834	1155	0	595	34
SILVER STAR MOUNTAIN	2F10	1840	02	73	388	528	845	980	0	468	45
PARK MOUNTAIN	1F03P	1890	01	-	570	803	1036	1269	296	742	18
ENDERBY	1F04	1900	30	142	640	891	1195	1422	430	960	40
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

MIDDLE FRASER

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2004	2003	2002	Max.	Min.	Normal	No. Years Record
BOSS MOUNTAIN MINE	1C20P	1460	01	No Snow		19	353	435	0	175	10
BRENDA MINE	2F18P	1460	01	No Snow		0	0	0	0	-	10
BARKERVILLE	1A03P	1520	01	No Snow		0	240	291	0	66	20
MOUNT TIMOTHY	1C17	1660	29	No Snow		-	209	332	0	52	35
YANKS PEAK EAST	1C41P	1670	01	-	364	236	911	1016	236	590	6
PENFOLD CREEK	1C23	1680	27	108	594	719	1157	1354	353	847	33
GREEN MOUNTAIN	1C12P	1780	01	-	140	738	905	1183	229	610	10
MISSION RIDGE	1C18P	1850	01	No Snow		180	229	573	0	151	16

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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 Columbia Snow Station Map](#)

COLUMBIA

June 1, 2004

UPPER COLUMBIA

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	01	-	473	788	1369	1778	530	1030	7
MOUNT REVELSTOKE	2A06P	1830	01	-	808	997	1699	2063	240	1146	11
NORTH CLEMINA CREEK	1E13	1860	26	108	523	757	1040	1135	318	768	15
MOLSON CREEK	2A21P	1980	01	-	754	953	1234	1512	98	810	20
BOW SUMMIT II	AL07A	2080	27	49	193	201	350	414	0	172*	22

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

LOWER COLUMBIA**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BARNES CREEK	2B06P	1620	01	No Snow		383	341	529	0	205	11
ST. LEON CREEK	2B08P	1800	01	-	581	908	1466	1580	225	815	10
RECORD MOUNTAIN	2B09	1890	01	22	110A	-	675	1073	0	442	28
EAST CREEK	2D08P	2030	01	-	567	683	938	1256	111	770	21
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

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[Go to Columbia Snow Station Map](#)

KOOTENAY

June 1, 2004

EAST KOOTENAY

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
MARBLE CANYON	2C05	1520	Not Measured		-	-	244	0	20	46	
SULLIVAN MINE	2C04	1550	01	No Snow	0	0	137	0	13	21	
BANFIELD MOUNTAIN	MT05P	1710	01	-	5	0	124	254	0	74	7
MORRISSEY RIDGE	2C09Q	1800	01	-	23	244	810	810	0	140	19
RED MOUNTAIN	MT04	1830	24	5	25B	36	-	559	0	132*	38
MOYIE MOUNTAIN	2C10P	1930	01	No Snow	0	120	438	0	60	18	
HAWKINS LAKE	MT06P	1970	01	-	10	170	551	947	8	495	7
FLOE LAKE	2C14P	2090	01	-	563	675	792	979	98	610	9

HIGHWOOD SUMMIT (BUSH)	AL02	2210	01	97	371	381	671	671	89	374*	23
SUNSHINE VILLAGE	AL05	2230	03	92	381	498	686	902	107	506*	19

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

WEST KOOTENAY

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BUNCHGRASS MEADOW	WA01P	1520	Not Measured		366	368	800	0	127	7	
GRAY CREEK (LOWER)	2D05	1550	Not Measured		-	-	551	0	210	51	
GRAY CREEK (UPPER)	2D10	1910	31	64	328	-	-	1120	0	535	31
EAST CREEK	2D08P	2030	01	-	567	683	938	1256	111	770	21
REDFISH CREEK	2D14P	2104	01	-	760	1185	1624	1624	1185	1405*	2

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

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[Go to Okanagan Snow Station Map](#)

KETTLE, OKANAGAN and SIMILKAMEEN

June 1, 2004

KETTLE

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BIG WHITE MOUNTAIN	2E03	1680	01	14	60	124	270	658	0	202	38
GRANO CREEK	2E07P	1860	01	-	334	390	604	754	11	386*	6
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

OKANAGAN

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
BRENDA MINE	2F18P	1460	01	No Snow	0	0	0	0	0	-	10
MISSION CREEK	2F05P	1780	01	-	293	308	488	641	0	236	32
MOUNT KOBAN	2F12	1810	30	No Snow	128	229	488	488	0	132	38
WHITEROCKS MOUNTAIN	2F09	1830	31	No Snow	0	391	848	848	0	196	32
SILVER STAR MOUNTAIN	2F10	1840	02	73	388	528	845	980	0	468	45

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

SIMILKAMEEN

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
FREEZEOUT CREEK TRAIL	WA11	1070	27	No Snow	0	0	152	152	0	15*	11
BLACKWALL PEAK	2G03P	1940	01	-	270	443	889	1253	0	452	36
HARTS PASS	WA09	1980	27	81	460	881	1445	1737	338	964*	12
HARTS PASS	WA09P	1980	01	-	183	686	993	1557	76	615	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

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

COASTAL

June 1, 2004

SOUTH COASTAL

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		-	-	354	354	354*	1	
CALLAGHAN CREEK	3A20	1040	30	No Snow	120	254	1228	0	220	20	
DOG MOUNTAIN	3A10	1080	04	67	389	280	1227	2480Z	56	850	17
ORCHID LAKE	3A19	1190	04	152	855	1056	1572	3648Z	174	1560	25
ORCHID LAKE	3A19P	1190	01	-	1036	1142	1621	2463	124	1485*	15
UPPER SQUAMISH RIVER	3A25P	1340	01	-	641	1129	1253	1485	634	1220	13
NOSTETUKO RIVER	3A22P	1500	01	No Snow	150	206	530	0	90*	12	
UPPER MOSELY CREEK	3A24P	1650	01	No Snow	38	0	204	0	26*	15	

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

VANCOUVER ISLAND**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
TENNENT LAKE	3B22	950	Not Available		-	-	712	0	380	10	
JUMP CREEK	3B23P	1160	01	No Snow	101	968	983	0	520	7	
WOLF RIVER (UPPER)	3B17P	1490	01	-	616	1362	869	2465	305	980	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

NORTH COASTAL**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
TAHTSA LAKE	1B02	1300	31	81	416	698	1385	1651	535	1007	29

TAHTSA LAKE	1B02P	1300	01	-	363	741	1548	1576	277	1001	11
BURNT BRIDGE CREEK	3C08P	1330	01	No Snow	176	649	686	0	340*	6	

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

[Go to Northeast Snow Station Map](#)

NORTH EAST

June 1, 2004

PEACE

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	26	No Snow	0	411	411	0	71	30	
AIKEN LAKE	4A30P	1040	01	No Snow	0	0	0	0	-	17	
PULPIT LAKE	4A09P	1310	01	No Snow	0	55	189	0	44*	13	
PINE PASS	4A02P	1400	01	-	576	634	1305	1305	183	795	11
KWADACHA RIVER	4A27P	1620	01	-	41	199	311	458	0	238*	15
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

LIARD

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
DEADWOOD RIVER	4C09P	1300	01	No Snow	0	0	31	0	3*	10	
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

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[Go to Northwest Snow Station Map](#)

NORTH WEST

June 1, 2004

STIKINE/TAKU

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	01	No Snow	0	0	0	83	0	10*	13
TUMEKA CREEK	4D10P	1220	01	No Snow	180	218	488	488	0	174*	14
WADE LAKE	4D14P	1370	01	No Snow	30	83	243	243	0	87*	12
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

YUKON

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2004	2003	2002	Max.	Min.	Normal	No. Years Record
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
					2004	2003	2002	Max.	Min.	Normal	
GRANDUC MINE	4B12P	790	01	-	818	1084	904	1084	904	994*	2
CEDAR-KITEEN	4B18P	885	01	No Snow	0	289	356	0	215*	3	
LU LAKE	4B15P	1310	01	No Snow	0	180	180	0	41*	5	
TSAI CREEK	4B17P	1360	01	-	435	761	1826	1826	371	1083*	6
KIDPRICE LAKE	4B01	1370	31	18	86	415	1177	1209	0	666	29
HUDSON BAY MTN.	4B03A	1480	01	No Snow	254	596	729	0	288	31	
SHEDIN CREEK	4B16P	1480	Not Measured			446	990	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											