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# Snowpack and Water Supply Outlook for British Columbia

May 15, 2003

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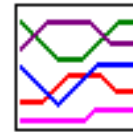
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Every effort is made to ensure that data reported on these pages are accurate. However, in order to update the graphs and indices as quickly as possible, some data may have been estimated. Please note that data provided on these pages are preliminary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

Province-wide Synopsis



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

The May 15 snow survey is of a relatively small number of stations compared with the surveys done in the previous measurements. Data from 37 snow courses and 58 snow pillows around the province have been used to form the basis for the following reports.

## Snowpack

Mountain snowpacks have melted less than usual over the last two weeks due to the cool weather. There has been some continued accumulation of snow at higher elevations, especially in the Upper Fraser, Thompson, Columbia, and Kootenay basins. While most of the province continues to have less snow than usual for this date, the Columbia and Kootenay now have near normal snowpacks for May 15. From very little data, the Liard still has above normal snowpacks.

## Weather

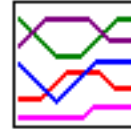
The first two weeks of May have been cooler than usual, and while some snow melt has occurred, it has been much less than normal for the last two weeks. Some higher elevation stations, have seen continued accumulation of snow, where normally we would see significant melt over this period. Precipitation has been less than normal over the first two weeks of May.

## Outlook

Freshet volumes in the Liard may be above normal, and in the Columbia &

Kootenay regions near normal. However they will likely be below to well below normal in most of the rest of the province. Unless the late spring and early summer is wetter than usual, the plateau areas of the central interior will have much less runoff than usual. If the late spring and summer are dry, the lower mainland and the south half of the west side of Okanagan Lake may experience water shortages.

## Upper Fraser & Nechako Basins



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### May 15

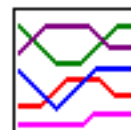
Weather in the first half of May has been cooler than usual, with approximately normal precipitation. Temperatures have been low enough that we have seen some continued snow accumulation at higher elevations. Snowpacks, however, are still well less than normal for May 15.

Streamflows are low due to the cool weather, however any extended heat will bring them up rapidly. With the less than normal snowpacks, it would take extremely unusual weather over the next month to create serious flooding on larger rivers. Depending on whether the summer is wet or dry, water supply in smaller, low lying basins on the plateau could become a problem.

Note that the precipitation index station for the Nechako in the data graphs has been changed to Wistaria, on the north shore of Ootsa Lake, as Fort St James data has usually not been available at publishing time. Therefore this accumulated winter precipitation index is now more representative of the reservoir portion of the Nechako than the Stuart River.

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## Middle and Lower Fraser



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### May 15

Despite the slower than usual melt due to cool weather, snowpacks in the middle

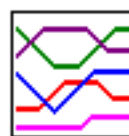
Fraser remain well below normal for this date, with the exception of the Bridge River basin, with above normal mountain snowpacks for May 15. Smaller, low elevations basins on the majority of the plateau country may be short of water this summer, unless the summer is wetter than normal.

Streamflows are low at this time due to the last week of cool weather, however any extended period of hot weather in the next few weeks will bring them up rapidly. Damaging flooding along the mainstem Fraser appears unlikely this freshet due to the generally well less than normal snowpacks. Smaller systems which may have heavier runoff are the Lillooet and Bridge Rivers.

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## Thompson Basin



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### May 15

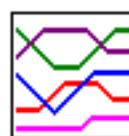
Due to the generally cooler than usual weather over the last two weeks, snowmelt has been slow, with a few upper elevation stations in the North Thompson, and most in the South Thompson, showing continued snow accumulation. While snowpacks for the North Thompson are still less than usual, the South Thompson mountain snowpacks are near normal for May 15.

Streamflow are low at this time due to the cool weather of the last week, however any extended warm weather will bring them up rapidly. However, it would take extremely unusual weather in the next month or so to create damaging flooding along the North Thompson this freshet.

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## Columbia Basin



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## May 15

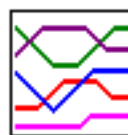
Snowpacks at upper elevations in the Columbia have mostly continued to accumulate snow over the last two weeks, with slow melt at mid-elevations, due to cooler than usual weather. Mountain snowpacks are near normal for May 15.

Streamflows are quite low due to this cool weather, and the slightly lower than normal precipitation. Any extended hot weather over the next 6 weeks or so will bring streams up rapidly.

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### Kootenay Basin



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## May 15

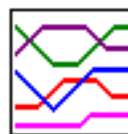
Snowpacks in the Kootenays are near to slightly above normal for May 15. Cooler weather than usual has slowed mid-elevation melt, and some upper elevation stations have showed slight continued accumulation over the last two weeks.

Streamflows are low for this date due to the cool weather, however any extended hot weather will bring water levels up rapidly.

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### Okanagan, Kettle, and Similkameen Basins



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## May 15

Due to overall cooler than normal weather over the last two weeks, mid-elevation snowmelt has been slower than usual, and a few upper elevation stations have shown some snow accumulation. Mountain snowpacks in the Kettle, and northeast

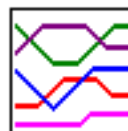
Okanagan, appear to be near normal for May 15, with those in the southwest Okanagan much less than usual. From sparse data, the Similkameen, due to delayed melt and some late accumulations, has a much closer to normal mountain snowpack than earlier, though still less than usual.

Streamflows are low for this date due to the cool weather and slow snow melt, however any extended hot weather will bring them up rapidly.

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## Vancouver Island & Coastal Regions



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### May 15

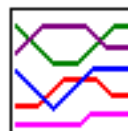
From very limited data, the melt of mountain snowpacks on central Vancouver Island also appear to have been delayed due to cool weather, and are now above normal. On southern Vancouver Island they are still well below normal for May 15. While the very southern coast between Squamish and Vancouver has much less than normal snow for this date, mountainous areas north of Whistler (adjacent to the Lillooet and Bridge basins) now have above normal snowpacks for May 15. Very sparse data indicates the Central Coast has below normal snowpacks for this date.

Streamflows are low for this time of spring freshet throughout the region, but will rise rapidly with any extended hot weather.

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## North East Region



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### May 15

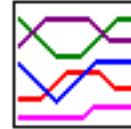
From relatively few measurements on this smaller survey, melt appears to have been slower than usual over the last two weeks, with some continued snow accumulation at higher elevations. The Peace basin appears to still have a lower than usual snowpack for May 15, and the Liard continues to have more snow than normal.

Streamflows in the region are slightly lower than usual for this date due to the recent cooler weather. Any sustained heat will bring flows up rapidly.

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## NorthWest Region



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### May 15

From the small survey done, melt appears to have been proceeding at a near normal rate in the northwest of BC. Snowpacks appear to be still less than normal in the Skeena and Nass mountains, and slightly less than normal in the Stikine. Streamflows in the region are slightly lower than usual for this time of freshet due to the recent cool weather, however they will rise rapidly given any sustained heat over the next few weeks.

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# UPPER and MIDDLE FRASER

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	09	48	214	694	249	728	0	341	28
HEDRICK LAKE	1A14P	1100	15	-	435	998	623	998	623	813*	3
BARKERVILLE	1A03P	1520	15	-	105	420	154	503	0	234	25
KNUDSEN LAKE	1A15	1580	09	154	660	1075	705	1205	359	832	28
MC BRIDE (UPPER)	1A02	1580	09	79	297	448	255	752	24	367	35
NARROW LAKE	1A21	1650	10	158	690	-	797	1375	489	950	27
REVOLUTION CREEK	1A17P	1690	15	-	443	1074	495	1161	228	713	17
LONGWORTH (UPPER)	1A05	1740	09	139	616	1172	768	1219	292	772	49
DOME MOUNTAIN	1A19	1820	09	136	604	999	682	1168	385	813	30
YELLOWHEAD	1A01P	1860	15	-	611	731	383	825	139	579	6
HOLMES RIVER	1A18	1900	09	174	688	928	571	1125	359	777	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
					2003	2002	2001	Max.	Min.	Normal	
TAHTSA LAKE	1B02P	1300	15	-	972	1765	1286	1765	732	1255	10
MOUNT PONDOSY	1B08P	1400	15	-	561	1198	680	1198	314	645	10
MOUNT WELLS	1B01P	1490	15	-	344	759	497	759	277	510	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

**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
					2003	2002	2001	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	15	-	304	664	364	761	184	464	9
BRENDA MINE	2F18P	1460	15	No Snow	17	0	125	0	24*		10
BARKERVILLE	1A03P	1520	15	-	105	420	154	503	0	234	25



MOUNT TIMOTHY	1C17	1660	11	42	140	330Z	218	466	0	201	34
YANKS PEAK EAST	1C41P	1670	15	-	511	1046	683	1125	398	800	6
PENFOLD CREEK	1C23	1680	10	196	884	1223	805	1400	585	1019	33
GREEN MOUNTAIN	1C12P	1780	15	-	1009	1106	625	1366	573	845	9
MISSION RIDGE	1C18P	1850	15	-	463	512	262	878	0	382	16

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

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**MIDDLE and LOWER FRASER***May 15, 2003***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
					2003	2002	2001	Max.	Min.	Normal	
BOSS MOUNTAIN MINE	1C20P	1460	15	-	304	664	364	761	184	464	9
BRENDA MINE	2F18P	1460	15	No Snow	17	0	125	0	24*		10
BARKERVILLE	1A03P	1520	15	-	105	420	154	503	0	234	25
MOUNT TIMOTHY	1C17	1660	11	42	140	330Z	218	466	0	201	34
YANKS PEAK EAST	1C41P	1670	15	-	511	1046	683	1125	398	800	6
PENFOLD CREEK	1C23	1680	10	196	884	1223	805	1400	585	1019	33
GREEN MOUNTAIN	1C12P	1780	15	-	1009	1106	625	1366	573	845	9
MISSION RIDGE	1C18P	1850	15	-	463	512	262	878	0	382	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
					2003	2002	2001	Max.	Min.	Normal	
DISAPPOINTMENT LAKE	1D18P	1040	15	-	730P	1930P	-	1930P	1652	1791*	2
DOG MOUNTAIN	3A10	1080	15	94	431	1565	-	2920Z	0	1100	17
SPUZZUM CREEK	1D19P	1180	15	-	1032	2085	1069	2085	1069	1663*	3
WAHLEACH LAKE	1D09P	1400	15	-	911	1436	942	1624	335	960	11
CHILLIWACK RIVER	1D17P	1600	15	-	1335	2186	1166	2186	764	1249*	8
GREAT BEAR	1D15P	1660	15	-	1425	2411	1114	2436	1114	1823	11
TENQUILLE LAKE	1D06	1680	15	267	1248	1328	875	1875	625	1162	46
TENQUILLE LAKE	1D06P	1680	15	-	1144	1211	765	1211	765	988*	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											

**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
					2003	2002	2001	Max.	Min.	Normal	
HARTS PASS	WA09P	1980	Not Available		1285	467	1748	467	952	6	

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

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# THOMPSON

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
COOK CREEK	1E14P	1280	15	No Snow	308	143	345	143	265*	3	
COOK FORKS	1E06	1390	17	110	489	924	498	1359	274	688	39
BOSS MOUNTAIN MINE	1C20P	1460	15	-	304	664	364	761	184	464	9
MOUNT COOK	1E02P	1550	15	-	1196	1793	953	1793	953	1373*	2
MOUNT COOK	1E02A	1580	17	237	1077	1544	992	1856	873	1270	27
AZURE RIVER	1E08P	1620	15	-	923	1406	806	1665	806	1230	6
ADAMS RIVER	1E07	1720	13	146	678	972	638	1158	280	712	31
KOSTAL LAKE	1E10P	1770	15	-	691	1058	709	1357	588	887	18
NORTH CLEMINA CREEK	1E13	1860	09	194	813	1060	683	1177	536	856	12

TROPHY MOUNTAIN	1E03A	1860	11	125	499	796	722	1114	301	608	21
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A - SAMPLING PROBLEMS WERE ENCOUNTERED

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## 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
					2003	2002	2001	Max.	Min.	Normal	
ADAMS RIVER	1E07	1720	13	146	678	972	638	1158	280	712	31
SILVER STAR MOUNTAIN	2F10	1840	12	161	685	895	515	1054	100	661	44
PARK MOUNTAIN	1F03P	1890	15	-	864	1090	699	1321	474	927	18
ENDERBY	1F04	1900	14	250	1060	1366	768	1499	662	1089	40

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

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## MIDDLE FRASER

### Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2003	2002	2001	Max.	Min.	Normal	No. Years Record
BOSS MOUNTAIN MINE	1C20P	1460	15	-	304	664	364	761	184	464	9
BRENDA MINE	2F18P	1460	15	No Snow		17	0	125	0	24*	10
BARKERVILLE	1A03P	1520	15	-	105	420	154	503	0	234	25
MOUNT TIMOTHY	1C17	1660	11	42	140	330Z	218	466	0	201	34
YANKS PEAK EAST	1C41P	1670	15	-	511	1046	683	1125	398	800	6
PENFOLD CREEK	1C23	1680	10	196	884	1223	805	1400	585	1019	33
GREEN MOUNTAIN	1C12P	1780	15	-	1009	1106	625	1366	573	845	9
MISSION RIDGE	1C18P	1850	15	-	463	512	262	878	0	382	16

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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E - ESTIMATED BASED ON AREAL AVERAGE

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# COLUMBIA

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
AZURE RIVER	1E08P	1620	15	-	923	1406	806	1665	806	1230	6
MOUNT REVELSTOKE	2A06P	1830	15	-	1133	1567	969	1777	700	1297	10
NORTH CLEMINA CREEK	1E13	1860	09	194	813	1060	683	1177	536	856	12
MOLSON CREEK	2A21P	1980	15	-	1061	1335	795	1375E	602	1040	20

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## LOWER 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
					2003	2002	2001	Max.	Min.	Normal	
FARRON	2B02A	1220	16	4	14	32	27	222	0	110	23
BARNES CREEK	2B06P	1620	15	-	675	555	289	761	94	438	10
ST. LEON CREEK	2B08P	1800	15	-	1031	1481	653	1568	639	1080	9
RECORD MOUNTAIN	2B09	1890	11	168	727	818	397	1367	83	676	28
EAST CREEK	2D08P	2030	15	-	806	956	480	1387	461	925	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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# KOOTENAY

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
FERNIE EAST	2C07	1250	18	4	8	156	0	290	0	46	41
SULLIVAN MINE	2C04	1550	15	No Snow		213	0	457	0	105	51
BANFIELD MOUNTAIN	MT05P	1710	15	-	236	373	112	569	0	305	5
MORRISSEY RIDGE	2C09Q	1800	15	-	731	1091	217	1091	0	460	19
MOYIE MOUNTAIN	2C10P	1930	15	-	308	431	100	552	0	255	22
HAWKINS LAKE	MT06P	1970	15	-	523	737	302	1067	178	706	6
FLOE LAKE	2C14P	2090	15	-	874	897	495	1088	304	765	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											

**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
					2003	2002	2001	Max.	Min.	Normal	
CHAR CREEK	2D06	1310	15	73	316	358	120A	715	0	279	33
BUNCHGRASS MEADOW	WA01P	1520	15	-	665	678	310	1163	307	582	6
GRAY CREEK (LOWER)	2D05	1550	14	95	403	-	-	709	0	351	48
GRAY CREEK (UPPER)	2D10	1910	14	196	839	-	-	1194	311	765	29
EAST CREEK	2D08P	2030	15	-	806	956	480	1387	461	925	21
REDFISH CREEK	2D14P	2104	15	-	1387	1748	-	1748	1748	1748*	1
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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# KETTLE, OKANAGAN and SIMILKAMEEN

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
FARRON	2B02A	1220	16	4	14	32	27	222	0	110	23
BIG WHITE MOUNTAIN	2E03	1680	18	107	426	512	282	732	0	390	37
GRANO CREEK	2E07P	1860	15	-	593	675	353	855	308	563*	5

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
					2003	2002	2001	Max.	Min.	Normal	
SUMMERLAND RESERVOIR	2F02	1280	15	No Snow	0	0	218	0	32	37	
VASEUX CREEK	2F20	1400	15	No Snow	0	0	80	0	9	31	
TROUT CREEK	2F01	1430	15	No Snow	0	0	307	0	30	50	
BRENDA MINE	2F18P	1460	15	No Snow	17	0	125	0	24*	10	
GREYBACK RESERVOIR	2F08	1550	15	6	26	78	56	323	0	100	31
ISINTOK LAKE	2F11	1680	14	1	4	66	0	386	0	78	37
MISSION CREEK	2F05P	1780	15	-	540	638	368	829	0	407	31
MOUNT KOBAU	2F12	1810	14	85	314	306	193	516	0	254	36
WHITEROCKS MOUNTAIN	2F09	1830	15	71	289	618	243	968	0	401	32
SILVER STAR MOUNTAIN	2F10	1840	12	161	685	895	515	1054	100	661	44

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## 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
					2003	2002	2001	Max.	Min.	Normal	
MISSEZULA MOUNTAIN	2G05	1550	Not Available		117	0	218	0	54	39	
ISINTOK LAKE	2F11	1680	14	1	4	66	0	386	0	78	37
LOST HORSE MOUNTAIN	2G04	1920	16	60	191	254	76	577	4	192	39

BLACKWALL PEAK	2G03P	1940	15	-	671	1110	341	1481	208	706	35
HARTS PASS	WA09P	1980	Not Available			1285	467	1748	467	952	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

# COASTAL

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
PALISADE LAKE	3A09P	880	Not Available		-	-	1045	1045	1045*	1	
DOG MOUNTAIN	3A10	1080	15	94	431	1565	-	2920Z	0	1100	17
ORCHID LAKE	3A19	1190	15	256	1230	1927	-	3730A	774	1900	22
ORCHID LAKE	3A19P	1190	15	-	1390	1899	1284	2804	828	1870*	15
UPPER SQUAMISH RIVER	3A25P	1340	15	-	1384	1526	1061	1796	949	1515	12
NOSTETUKO RIVER	3A22P	1500	15	-	420	563	-	860	21	378*	11
UPPER MOSELY CREEK	3A24P	1650	15	-	207	236	94	402	0	142*	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## 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
					2003	2002	2001	Max.	Min.	Normal	
JUMP CREEK	3B23P	1160	15	-	521	1474	724	1474	251	975	6
WOLF RIVER (UPPER)	3B17P	1490	15	-	1649	1103	1024	1726	507	1300	14

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

## 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
					2003	2002	2001	Max.	Min.	Normal	
TAHTSA LAKE	1B02P	1300	15	-	972	1765	1286	1765	732	1255	10



BURNT BRIDGE CREEK	3C08P	1330	15	-	484	994	574	994	210	638*	5
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

# NORTH EAST

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
PACIFIC LAKE	1A11	770	09	48	214	694	249	728	0	341	28
AIKEN LAKE	4A30P	1040	15	-	60	168	0	188	0	49*	16
PULPIT LAKE	4A09P	1310	15	-	292	369	448	454	49	230	12
PINE PASS	4A02P	1400	15	-	850	1393	1039	1471	813	1073	11
KWADACHA RIVER	4A27P	1620	15	-	311	383	304	468	109	342*	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

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2003	2002	2001	Max.	Min.	Normal	No. Years Record
DEADWOOD RIVER	4C09P	1300	15	No Snow		19	37	207	0	48*	9

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

\* - PERIOD OF RECORD AVERAGE

Banner

# NORTH WEST

*May 15, 2003*

## 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
					2003	2002	2001	Max.	Min.	Normal	
KINASKAN LAKE	4D11P	1020	15	-	259	259	238	411	0	177*	12
TUMEKA CREEK	4D10P	1220	15	-	412	458	506	771	195	456*	13
WADE LAKE	4D14P	1370	15	-	244	296	380	427	0	271*	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											

## 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
					2003	2002	2001	Max.	Min.	Normal	
LOG CABIN	4E01	880	20	No Snow	355	326	420	4	200	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											

## 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
					2003	2002	2001	Max.	Min.	Normal	
GRANDUC MINE	4B12P	790	15	-	1455	1545	-	1545	1545	1545*	1
CEDAR-KITEEN	4B18P	885	15	-	120	653	514	653	514	584*	2
LU LAKE	4B15P	1310	15	No Snow	416	-	416	11	167*	4	
TSAI CREEK	4B17P	1360	15	-	975	1909	1159	1909	953	1299*	5
HUDSON BAY MTN.	4B03A	1480	15	95	354	701	426	752	160	441	30
SHEDIN CREEK	4B16P	1480	15	-	713	1155	1114	1159	660	978*	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											