Banner

Snow Pillow graphs at the 2001 Bulletin index page.

Groundwater graphs also archived at 2001 index page

Snowpack and Water Supply Outlook for British Columbia

June 1, 2001

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

graphs [B.C Summary Graphs of Snow Water Equivalents]

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 33 snow courses in B.C. and at 6 in adjacent jurisdictions. These, together with data from 53 snow pillows have been used in making the following analyses. Because of the very limited sampling, commentaries are necessarily brief.

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.

Snowpack

Some warm weather towards the end of May accelerated the melt in most of the southern half of the province. However, the subsequent return to cooler, seasonable temperatures has now reduced the rate of melt. Despite the somewhat delayed melt, snowpacks remain below normal in the southern half of the province. In the northwest

there has been some snow accumulation during May and the snowpack is now above normal, although some of that can be attributed to the delayed melt process. In the Peace River area, the snowpack appears to be near normal, but this is largely due to the lateness of the melt.

Weather

Mean temperatures during May were generally a little above normal in the southern half of the province and slightly below normal in the north. Precipitation as reported at Environment Canada's valley bottom stations was below normal in the the southern interior regions, a little above normal in the Fraser basin, the south coastal and Vancouver Island regions and well above normal in the northern portions of the province.

Outlook

In the southern half of the province, the outlook remains for a runoff considerably below normal. Many lakes and rivers in this region have probably peaked for the year and, unless there are substantial rains, they are likely to have below normal flows throughout the summer. Further rises are possible if there is sustained heat and/or substantial rainfall but damaging levels are not anticipated

In contrast, in the Skeena and Nass River basins, the delayed melt and increased snowpack has resulted in the potential for damaging flooding to occur if there is a rapid melt. Runoff in the Peace River basin is still expected to be below normal this summer.

No further volume forecasts will be made this year. The April and May 1st forecasts can be seen in the appropriate pages of the archive.

All water users are advised to practise water conservation measures whenever possible. A recent Information Bulletin on simple ways to conserve water may be of interest. The Ministry's Water Conservation Strategy is also available for downloading

Upper Fraser & Nechako Basins

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean temperatures were a little below normal during May with precipitation near normal in the upper Fraser and well above normal in the Nechako basin. Cumulative winter precipitation since November, however, remains well below normal.

The upper Fraser regional snowpack water equivalent index is estimated to be about 30% below normal, despite a somewhat delayed melt. Based on a few readings, the Nechako basin index is estimated to have increased to about 20% above normal as the result of continued accumulation during May. However, runoff is still expected to be below normal and similar to that recorded last year.

Regional runoff as indicated by flows in the Fraser River near Marguerite continues to be well below normal for the sixth consecutive month.

Middle and Lower Fraser

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean monthly temperatures were within half a degree of normal during May. Precipitation in the middle Fraser was only about 2/3 of normal, bringing the winter accumulation to 68% of normal. In the lower Fraser, May precipitation was normal, but the cumulative total since November is only 57% of normal.

There has been appreciable melting of the snowpack in the middle and lower Fraser basins during the past two weeks. The regional snowpack indices are now estimated to be 53 and 62% of normal, respectively.

The flow of the Fraser River at Hope is shown in the hydrograph through the icon following. This shows that for the past two weeks the flow has increased substantially but remains well below any danger levels. Although abnormal weather conditions can always happen, given the well-below normal snowpacks, damaging flooding is most unlikely to occur along the Fraser this year and flows in the summer and fall are likely to be below normal.

Fraser at Hope hydrograp

Hydrograph of the Fraser River at Hope

Thompson Basin

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean monthly temperatures were near normal in the Thompson basin, while precipitation was 79% in the north and 67% in the south.

Substantial melting of the snowpack has taken place in the latter half of May and rivers responded quite quickly. Regional snowpack indices are now extimated to be 74% and 70% of normal in the North and South Thompson river basins, respectively.

Higher levels than those seen to date this year are quite possible, but damaging flooding along the main rivers in the area seems most unlikely this year. Low water levels in the summer and fall are quite probable unless the weather is abnormally wet.

Regional runoff, as represented by the mean flow in the Thompson River at Spences Bridge remained below normal during May.

Columbia Basin

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Temperatures in the region were about half a degree above normal and precipitation was again below normal for the month. The total precipitation since November is estimated to be only 67% of normal.

Only a few snow courses are measured in the Columbia at this sampling date. These few measurements indicate that there has been near normal melting and the regional snow water index is estimated to be about 63% of normal.

Higher flows than those seen to date this year are possible - particularly on streams fed from high mountains. However, damaging flooding along the main stems this year is now most unlikely.

Regional runoff as indicated by the Columbia River at Donald continued to be below normal for the seventh consecutive month.

Kootenay Basin

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean monthly temperatures were about half a degree above normal, but precipitation was only about two-thirds of normal for the month. The cumulative winter precipitation has been 37% less than normal.

Based on very few readings taken in the basin at this sampling period, the remaining snowpack is estimated to be about 39% of normal. This will probably mean that streamflows throughout the summer and early fall will be well below normal.

Levels higher than those already recorded this year are possible, but many streams have probably already peaked for the year. Damaging flooding on the main rivers in the area is most improbable this year.

The regional runoff as indicated by the mean monthly flow in the Kootenay River at Fort Steele was only 53% of normal

Okanagan, Kettle, and Similkameen Basins

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean monthly temperatures during May were about a degree above normal while precipitation throughout the region was about 40% below normal.

Snowpack depletions throughout the region have been a little above normal in the last half of May. The regional index for the Okanagan-Kettle basin is estimated at 52% of normal. In the Similkameen basin, it appears that virtually all the snow has melted.

Releases from Okanagan Lake have been held to a minimum for several months and the lake has risen in response. However, unless there is abnormally high precipitation, it is unlikely to rise much further and will probably peak at least 30 cm below its normal

full elevation. There will be sufficient water along the mainstem rivers and lakes for all users, but water conservation measures should be applied at all times.

In the Similkameen it is unlikely that river stages will exceed those already reported this year. Summer and early fall flows are likely to be well below normal unless there is abnormally high precipitation. As a result of the anticipated low flows, some water has been stored on Osoyoos Lake in accordance with International Joint Commission rules. However, Osoyoos Lake is not expected to rise above its present level this summer.

Coastal Region & Vancouver Island

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Mean temperatures in coastal areas were very close to normal during May and precipitation was a little above normal. Cumulative winter precipitation, however, remains well below normal throughout the region.

Based on very few sampling locations at this date, it is estimated that the remaining snowpack in coastal regions and on Vancouver Island is about 60% of normal. This will mean that, unless there is abnormally heavy rainfall, stream levels during the summer and fall will be below normal.

Regional runoff as indicated by the inflow to Upper Campbell Lake on Vancouver Island was about 12% below average.

North East Region

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

Temperatures during May averaged almost a degree below normal and precipitation was about 37% greater than normal.

Other than the snow pillows in the basin, no snow measurements are made in this region at this date. Based on the pillow readings, it now appears that the snowpack is near normal. However, this is largely due to the melt being a little later than usual rather than an increase in the volume of snow. Seasonal runoff is expected to remain a little below normal.

Runoff as measured by the inflow to Williston Lake was only 70% of normal, probably as the result of no sustained warm spells to cause normal snow melting.

NorthWest Region

graphs

Data Graphs

Snow Survey Data Measurements

June 1, 2001

The mean monthly temperature in the region is estimated to have been about 1.5º below normal while the precipitation was about twice normal.

Limited data in the region suggests that the relatively cool and damp May has delayed the onset of the melt season and that some snow accumulation has occurred during the last month. As a result, the regional snowpack index is estimated to be about 20% above

normal for this date and the snowline is lower than normal. Should there be a prolonged period of warm weather, there is the potential for rivers to rise rapidly to flood stage as the snowpack is very ripe and ready to melt. To date, there is no indication of such warmth in the weather forecasts. The River Forecast Centre will monitor the situation and will update the Runoff Conditions page when the situation warrants it.

Runoff as indicated by flows in the Skeena River at Usk remained below normal, continuing a six-month trend of below average flows.

Banner

UPPER and MIDDLE FRASER

June 1, 2001

UPPER FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARKERVILLE	1A03P	1520	01	No Snow		8	236	291	0	120	17
BIRD CREEK	1A23	1180	29	No Snow		0	0	0	0	-	7
DOME MOUNTAIN	1A19	1820	28	135	616	709	1047	1062	0	760	29
HEDRICK LAKE	1A14P	1100	01	-	296	383	-	383	383	383*	1
HOLMES RIVER	1A18	1900	28	125	562	825	897	1029	84	748	30
KNUDSEN LAKE	1A15	1580	28	133	610	783	945	1039	0	762	26
LONGWORTH (UPPER)	1A05	1740	28	162	698	802	940	1194	0	630	44
MC BRIDE (UPPER)	1A02	1580	28	No Snow		281	377	592	0	266	33
NARROW LAKE	1A21	1650	28	156	728	827	1270	1339	116	855	27
PACIFIC LAKE	1A11	770	28	No Snow		0	347	348	0	78*	27
REVOLUTION CREEK	1A17P	1690	01	-	334	752	723	820	0	514	16
YELLOWHEAD	1A01P	1860	01	-	263	581	857	857	0	418*	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

NECHAKO

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
KIDPRICE LAKE	4B01	1370	29	172	822	532	913	1209	0	680	26
MOUNT PONDOSY	1B08P	1400	01	-	509	305	689	689	0	256*	8
MOUNT SWANNELL	1B06	1620	29	58	202	191	287	350Z	0	106*	12
MOUNT WELLS	1B01	1490	29	80	317	208	270	488	0	238	24
MOUNT WELLS	1B01P	1490	01	-	366	219	369	463	0	298	9
NUTLI LAKE	1B07	1490	29	85	321	341	361	594	0	223*	10
SKINS LAKE	1B05	880	29	No Snow		0	0Z	0	0	-	12
TAHTSA LAKE	1B02	1300	29	230	1099	995	1371	1651	535	971	26
TAHTSA LAKE	1B02P	1300	01	-	1219	1042	1576	1576	277	903*	8

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

MIDDLE FRASER

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARKERVILLE	1A03P	1520	01	No Snow		8	236	291	0	120	17
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow		152	573	573	0	151	13
MOUNT TIMOTHY	1C17	1660	27	No Snow		67B	332	332	0	65*	33
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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

MIDDLE and LOWER FRASER

June 1, 2001

MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARKERVILLE	1A03P	1520	01	No Snow		8	236	291	0	120	17
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow		152	573	573	0	151	13
MOUNT TIMOTHY	1C17	1660	27	No Snow		67B	332	332	0	65*	33
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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

LOWER FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BEAVER PASS	WA12	1120	30	No Snow		236	1270	1270	0	401*	7
CALLAGHAN CREEK	3A20	1040	31	12	65	298	1228	1228	0	424	17
CHILLIWACK RIVER	1D17P	1600	01	-	930	1583	-	1583	237	905	5
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	-	1087	1087	1087*	1
DOG MOUNTAIN	3A10	1080	29	92	455	1268	2480Z	2480Z	56	999	14
GREAT BEAR	1D15P	1660	01	-	934	1766	2378	2378	908	1179	9
SPUZZUM CREEK	1D19P	1180	01	-	825	1504	-	1504	1504	1504*	1
TENQUILLE LAKE	1D06	1680	01	146	745	1092	1790	1790	365	1030	45
TENQUILLE LAKE	1D06P	1680	01	-	563	-	-	-	-	-	0
WAHLEACH LAKE	1D09P	1400	01	-	716	1207	1359	1359	0	620*	8

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

SKAGIT

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BEAVER PASS	WA12	1120	30	No Snow		236	1270	1270	0	401*	7
FREEZEOUT CREEK TRAIL	WA11	1070	30	No Snow		0	152	152	0	21*	8

HARTS PASS	WA09	1980	30	68	338	815	1737	1737	406	989*	9
HARTS PASS	WA09P	1980	01	-	76	572	1557	1557	538	615	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

Banner

THOMPSON

June 1, 2001

NORTH THOMPSON

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
ADAMS RIVER	1E07	1720	27	106	470	752	1155	1155	0	645	31
AZURE RIVER	1E08P	1620	01	-	683	1196	1778	1778	530	1197*	4
BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
COOK CREEK	1E14P	1280	01	No Snow		8	-	8	8	8*	1
COOK FORKS	1E06	1390	02	30	164	594	961	1026	0	458	38
KOSTAL LAKE	1E10P	1770	01	-	638	972	1377	1377	155	753	16
MOUNT COOK	1E02A	1580	02	148	770	1251	1744	1744	377	1125	27
MOUNT COOK	1E02P	1550	01	-	755	-	-	-	-	-	0
NORTH CLEMINA CREEK	1E13	1860	28	122	535	1021	1135	1135	318	789*	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

SOUTH THOMPSON

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
ADAMS RIVER	1E07	1720	27	106	470	752	1155	1155	0	645	31
ENDERBY	1F04	1900	31	158	710	1282	1409	1422	430	985	37
PARK MOUNTAIN	1F03P	1890	01	-	512	995	1269	1269	296	811	15
SILVER STAR MOUNTAIN	2F10	1840	28	85	350	715	908	980	0	409	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

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARKERVILLE	1A03P	1520	01	No Snow		8	236	291	0	120	17

BOSS MOUNTAIN MINE	1C20P	1460	01	-	83	270	431	435	0	248	7
BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREEN MOUNTAIN	1C12P	1780	01	-	363	600	1183	1183	229	635*	7
MISSION RIDGE	1C18P	1850	01	No Snow		152	573	573	0	151	13
MOUNT TIMOTHY	1C17	1660	27	No Snow		67B	332	332	0	65*	33
PENFOLD CREEK	1C23	1680	28	150	680	1007	1354	1354	353	849	30
YANKS PEAK EAST	1C41P	1670	01	-	476	690	1016	1016	555	754*	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

COLUMBIA

June 1, 2001

UPPER COLUMBIA

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
AZURE RIVER	1E08P	1620	01	-	683	1196	1778	1778	530	1197*	4
BOW SUMMIT II	AL07A	2080	30	No Snow		239	325	414	0	170*	19
MOLSON CREEK	2A21P	1980	01	-	705	1031	1512	1512	98	796	17
MOUNT REVELSTOKE	2A06P	1830	01	-	857	1594	2063	2063	240	995	8
NORTH CLEMINA CREEK	1E13	1860	28	122	535	1021	1135	1135	318	789*	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

LOWER COLUMBIA

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BARNES CREEK	2B06P	1620	01	No Snow		360	383	529	0	191*	8
EAST CREEK	2D08P	2030	01	-	315	943	1256	1256	111	673	18
RECORD MOUNTAIN	2B09	1890	30	9	38	617	1073	1073	0	526	26
ST. LEON CREEK	2B08P	1800	01	-	428	998	1580	1580	225	647	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

KOOTENAY

June 1, 2001

EAST KOOTENAY

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
BANFIELD MOUNTAIN	MT05P	1710	01	No Snow		0	254	254	0	74	4
FLOE LAKE	2C14P	2090	01	-	289	881	979	979	98	342	6
HAWKINS LAKE	MT06P	1970	01	-	10	224	947	947	8	495	4
HIGHWOOD SUMMIT (BUSH)	AL02	2210	01	40	137	442	531	660	89	370*	20
MORRISSEY RIDGE	2C09Q	1800	01	-	168	0	404	767	0	325	16
MOYIE MOUNTAIN	2C10P	1930	01	No Snow		15	214	438	0	80*	15
RED MOUNTAIN	MT04	1830	Not Available			0	325	559	0	135*	37
SULLIVAN MINE	2C04	1550	01	No Snow		0	44	137	0	21*	18
SUNSHINE VILLAGE	AL05	2230	30	50	157	709	706	902	107	517*	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

WEST KOOTENAY

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BUNCHGRASS MEADOW	WA01P	1520	01	No Snow		328	800	800	102	127	4
EAST CREEK	2D08P	2030	01	-	315	943	1256	1256	111	673	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

KETTLE, OKANAGAN and SIMILKAMEEN

June 1, 2001

KETTLE

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BIG WHITE MOUNTAIN	2E03	1680	31	12	44	330	438	658	0	194	35
GRANO CREEK	2E07P	1860	01	-	124	431	754	754	11	399*	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											

OKANAGAN

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record

BRENDA MINE	2F18P	1460	01	No Snow		0	-	0	0	-	7
GREYBACK RESERVOIR	2F08	1550	31	No Snow		-	0Z	155	0Z	19*	24
MISSION CREEK	2F05P	1780	01	-	146	465	641	641	0	209	29
MOUNT KOBAU	2F12	1810	31	No Snow		41	437	488	0	128	35
SILVER STAR MOUNTAIN	2F10	1840	28	85	350	715	908	980	0	409	42
WHITEROCKS MOUNTAIN	2F09	1830	01	No Snow		236	653	848	0	167	29

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

SIMILKAMEEN

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
BLACKWALL PEAK	2G03P	1940	01	-	34	401	1058	1253	0	607	33
FREEZEOUT CREEK TRAIL	WA11	1070	30	No Snow		0	152	152	0	21*	8
HARTS PASS	WA09	1980	30	68	338	815	1737	1737	406	989*	9
HARTS PASS	WA09P	1980	01	-	76	572	1557	1557	538	615	4

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

COASTAL

June 1, 2001

SOUTH COASTAL

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
CALLAGHAN CREEK	3A20	1040	31	12	65	298	1228	1228	0	424	17
DOG MOUNTAIN	3A10	1080	29	92	455	1268	2480Z	2480Z	56	999	14
NOSTETUKO RIVER	3A22P	1500	Not Available			61	530	530	0	73*	10
ORCHID LAKE	3A19	1190	31	212	1100	1700	3648Z	3648Z	174	1593	22
ORCHID LAKE	3A19P	1190	Not Available			1642	-	2463	124	1545*	12
PALISADE LAKE	3A09P	880	Not Available			354	-	354	354	354*	1
UPPER MOSELY CREEK	3A24P	1650	01	No Snow		0	146	204	0	29*	12
UPPER SQUAMISH RIVER	3A25P	1340	01	-	773	1455	-	1485	634	1246	10

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

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
JUMP CREEK	3B23P	1160	01	-	300	983	-	983	0	454*	4
TENNENT LAKE	3B22	950	Not Available			-	-	712	0	232*	10
WOLF RIVER (UPPER)	3B17P	1490	01	-	744	1271	2465	2465	305	1119	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

NORTH COASTAL

Snow Survey Measurements

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record

BURNT BRIDGE CREEK	3C08P	1330	01	-	364	165	686	686	0	284*	3
TAHTSA LAKE	1B02	1300	29	230	1099	995	1371	1651	535	971	26
TAHTSA LAKE	1B02P	1300	01	-	1219	1042	1576	1576	277	903*	8

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

NORTH EAST

June 1, 2001

PEACE

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
AIKEN LAKE	4A30P	1040	01	No Snow		0	0	0	0	-	14
KWADACHA RIVER	4A27P	1620	01	-	195	-	458	458	0	211	12
PACIFIC LAKE	1A11	770	28	No Snow		0	347	348	0	78*	27
PINE PASS	4A02P	1400	01	-	908	966	1152	1152	183	871	8
PULPIT LAKE	4A09P	1310	01	-	189	61	119	146	0	33*	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

LIARD

Snow Survey Measurements

	WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
DEADWOOD RIVER	4C09P	1300	01	No Snow		0	31	31	0	4*	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

NORTH WEST

June 1, 2001

STIKINE/TAKU

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm) 2001	2000	1999	Max.	Min.	Normal	No. Years Record
KINASKAN LAKE	4D11P	1020	01	No Snow	43	0	83	0	13*	10	
SPEEL RIVER	AK03	80	Not Available		0	612	884	0	200*	17	
TUMEKA CREEK	4D10P	1220	01	-	265	259	219	488	0	89	11
WADE LAKE	4D14P	1370	01	-	233	243	189	243	0	90	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

YUKON

Snow Survey Measurements

WATER EQUIVALENT (mm)

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	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

					WATER EQUIVALENT (mm)						
Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	2001	2000	1999	Max.	Min.	Normal	No. Years Record
CEDAR-KITEEN	4B18P	885	01	-	356	-	-	-	-	-	0
HUDSON BAY MTN.	4B03A	1480	29	105	397	248	443	729	0	323	28
KIDPRICE LAKE	4B01	1370	29	172	822	532	913	1209	0	680	26
LU LAKE	4B15P	1310	Not Available			0	26	26	0	9*	3
SHEDIN CREEK	4B16P	1480	01	-	1075	919	720	945	98	644*	5
TSAI CREEK	4B17P	1360	01	-	1181	968	1388	1388	371	909*	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											