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Snowpack and Water Supply Outlook for British Columbia

April 1, 2004

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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

graphs

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

The April 1 snow survey is now complete. Data from 174 snow courses and 58 snow pillows around the province, with 26 out-of-province snow sampling locations, and climate data from Environment Canada, have been used to form the basis for the following reports.

Snowpack

B.C. April 1 snowpacks vary, however most areas have below normal snowpacks. The exceptions, with near normal snowpacks, are the Stikine basin, the west side of the coast range, some southern & eastern portions of the lower Fraser, Vancouver Island, and a small area around and east of Mission Creek in the Okanagan. Due to a late beginning to snow accumulation, some areas have a near normal mid-elevation snowpack, but below normal upper elevation snow. This is the case in the North Thompson, parts of the middle Fraser, and West Kootenays.

Areas with far below normal snowpacks are the Nechako reservoir and upper Bulkley area, parts of the Bridge River in the middle Fraser, a small area in the south east Okanagan and West Kettle, the divide between the Upper Fraser and the Columbia, the Skagit basin, and the much of the Liard basin in BC.

[April 1 Snowpack](#)

[Map](#)

[Corrected or previously unpublished data](#)

Weather

Mean monthly temperatures during March were above normal all over BC, for the second month in a row, (approximately two to three °C). March precipitation varied from well above normal in the northern half of the province to well below normal in most extreme southern areas. So far, only January this winter has had both near normal precipitation and temperatures throughout the province. Cumulative precipitation at indicator Environment Canada climate stations since November 1 has been below usual in most areas, with the exception of above normal cumulative precipitation in the Stikine, well below normal in the Upper Fraser and Kootenays and Similkameen, and far below normal in the Nechako reservoir region.

Outlook

By April 1, most mid-elevation and many higher elevation snowpacks have reached their peak snowpacks for the year, or will within a couple of weeks. Areas with below normal snowpacks now are unlikely to accumulate much more snow before melt. The South Coast and Vancouver Island, which suffered from drought last summer, have good snowpacks for April 1, and freshet flows there should be near normal volumes, as well as in the remaining coastal areas to the north, and the Stikine. Most of the rest of the province will have smaller than usual overall freshet volumes and summer flows, unless precipitation is well above normal. 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 both Environment Canada and the Canadian Institute for Climate Studies.

The snow indexes would appear to indicate a lower than normal chance of flooding nearly everywhere in BC this spring, however snowpacks are heavier than these indexes indicate in the mid-elevation bands of some of the basins (mentioned above). It is the melt of these mid-elevation snowpacks which originates many of the highest flows, so extreme weather in the early part of freshet could still cause flooding in these areas. Actual peak flows during freshet are very dependant on short term weather during melt. Extreme weather can produce extreme flows even with below normal snowpacks.

Areas with below normal snow will probably experience much quicker than usual drops in flow after the main snowmelt freshet, due to generally less upper elevation snow to sustain flows, and the forecast of a hot, dry summer. Residents of the Okanagan should practice water conservation, as the snowpack there is only slightly better than last year, groundwater in most of the hills appears to be lower than usual, and there is a possibility of dry weather again during the summer.

Upper Fraser & Nechako Basins



graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

April 1

The overall mid to upper elevation snow water equivalent index for the Upper Fraser is at 79% of normal, up from 66% last month. However mid-elevation snow appears slightly heavier than that, and upper elevation slightly less. Cumulative winter precipitation has been below normal, with December, February, and March mean monthly temperatures significantly warmer than usual (2 to 4 °C). The Nechako reservoir basin also has well below normal snowpacks, varying from below normal in the coast range to around 60% of normal in the foothills and plateau areas. The Stuart basin varies from 70 to 90% of normal snowpack.

Regional streamflows, as indicated by the mean monthly flow in the Fraser River at Marguerite, were up to normal during March, probably due to early melt caused by warmer March temperatures.

Middle and Lower Fraser



graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

April 1

The Middle Fraser snow water index is at 80% of normal, however snowpacks vary significantly across the basin. The western plateau areas have 70 to 80% of normal snow, with some lower areas bare. The Bridge River area appears to have less than 70% of normal snow. However, a broad band from Williams Lake south to the lower Nicola valley appears to have near normal snowpacks, although the upper Nicola has below normal snow.

The Lower Fraser snow water index has dropped again slightly to 84% of normal, despite near normal March precipitation, due to warmer temperatures than usual during March. There is also significant variation in this region, from around 80% of normal in the upper Lillooet valley to normal in areas surrounding the lower mainland 'Fraser Valley' and up towards Merrit. The Skagit, however, has far less than usual snow for April 1.

Mean monthly flows in the Fraser River at Hope, **were lower than usual at 79% of**

normal during March.



Thompson Basin

graphs

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



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

April 1

The North Thompson snow water index is at 78% of normal, with the South Thompson index at 82% of normal for April 1. However, in the North Thompson the low to mid elevation snowpacks appear near normal, with the mid to upper elevation snowpacks in the 75-80% range. While this gives the possibility, with extreme weather conditions during early melt, of flooding in the North Thompson, streamflows are likely to drop very rapidly after freshet.

Streamflows in the region, as indicated by the mean monthly flows in the Thompson River at Spences Bridge, continued slightly below normal during March, with a mean monthly flow of 84% of normal.

Columbia Basin

graphs

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



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

April 1

The snow water index in the Columbia basin has risen from 81% March 1 to 89% of normal for April 1, due to above normal March precipitation. Mean monthly temperature was 1 to 2 °C above normal for March. While snowpacks in are mainly in the 85 to 95% of normal range, eastern portions of the upper Columbia appear to be in the 75 to 85% of normal range, with a small area around the central Arrow Lakes in the Lower Columbia around 95% of normal.

Streamflows in the region, as represented by the mean monthly flow in the Columbia River at Donald, were again well above normal, at 161% of the usual March flow, due to heavier than usual precipitation and melt of some of the lower elevation snow during a warmer than normal March.



Kootenay Basin



graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

April 1

The snow water index of mid to upper elevation snow stations in the Kootenay basin overall remains at 84% of normal for April 1. Precipitation was again less than usual, as it has been since December. Cumulative precipitation at Cranbrook since November 1 is only 69% of normal. Mean monthly temperature over March was 2.4°C above normal.

Most of the East Kootenays have less snow, with readings mainly in the 75 to 80% range, with the southern most portions having only slightly below normal snow. The West Kootenay readings are in the 85% range, with southern portions slightly higher. However, low to mid elevation snowpacks in the West Kootenays appear nearer normal, with a lesser proportion of normal upper elevation snow. This pattern is much less pronounced in the East Kootenays.

Streamflows, as indicated by the mean monthly flows in the Kootenay River at Fort Steele, were near normal during March.

Okanagan, Kettle, and Similkameen Basins



graphs

[Data](#)

[Graphs](#)



[Snow Survey Data](#)

[Measurements](#)

April 1

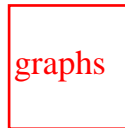
The overall snow water index for the Okanagan & Kettle is at 89% of normal for April 1, however snowpacks vary considerably within the region. The Mission Creek drainage and areas east of Kelowna appear to have normal mid to upper elevation snow for this date, however most of the remaining drainages around Okanagan Lake are in the 85 to 90% of normal range, with the Trout Creek basin and areas south and north of Okanagan Lake having snowpacks in the 70 to 85% range. The Kettle basin has below normal snowpacks. Precipitation has been near normal over the winter, however mean monthly temperatures have been above normal most of the winter, especially during March.

The Similkameen basin snow index has fallen from 84% March 1 to 81% of normal for April 1, due to the very low precipitation over February and March.

Streamflows in the region, as indicated by inflows to Okanagan Lake, were well below normal again during March. Current Okanagan Lake levels are the only a couple of centimeters above the lowest levels recorded for this date since 1921, due to last summer's drought. With the below normal snowpack, it is unlikely that the lake will fill to its usual early summer levels this freshet.



Vancouver Island & Coastal Regions



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



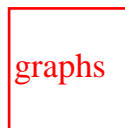
[Snow Survey Data](#)
[Measurements](#)

April 1

Snowpacks on Vancouver Island are near normal for April 1. On the South Coast, snowpacks are only slightly below normal, and continue near normal on the west side of the Coast Range through the Central and North Coast.

Streamflows, as indicated by the mean monthly inflows to Upper Campbell Lake, were slightly above normal during March, due to warmer temperatures than usual (approximately 2°C above normal mean monthly temperature).

North East Region



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



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

April 1

The Peace basin has a snow water index of 84% of normal for April 1, up from 76% last month, due to well above normal precipitation during March.

While the snow water index for the Liard has also risen (though is still well below normal), increases in snowpack have been mainly in the mountains along the south and west of the basin. The majority of the basin in BC appears, from sparse data, to have in the range of 50 to 60% of usual April 1 snow.

Streamflows, as indicated by inflows to Williston Lake, have been above normal through the winter. Mean monthly temperatures have been above normal through most of the winter, (around 4° C during both December and February, 1.2° C during March), which may be contributing to higher than usual winter runoff and smaller snowpack.



NorthWest Region

graphs

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

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

April 1

The overall Skeena/Nass snow water index is at 83% of normal, up slightly from last month, due to above normal precipitation during the month. Cumulative precipitation since November 1 at Smithers is 64% of normal for that period.

From a relatively few readings, the Stikine appears to have near normal snowpacks.

Regional streamflows, as indicated by the mean monthly flows in the Skeena River at Usk, were up to slightly below normal during March.



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UPPER and MIDDLE FRASER

April 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	
PRINCE GEORGE A	1A10	690	27	29	94	116	122	313	0	118	42
PACIFIC LAKE	1A11	770	26	156	564	469	697	879	290	628	41
BURNS LAKE	1A16	800	31	32	72	80	140	264	0	129	32
CANOE RIVER	2A01A	910	26	21	57	0T	142	262	0T	98	63
PHILIP LAKE	4A13	980	27	90	251	263	330	423	176	287	41
HEDRICK LAKE	1A14	1100	26	167	621	503	698	1046	351	688	37
HEDRICK LAKE	1A14P	1100	01	-	615	623	964	964	581	752*	4
BIRD CREEK	1A23	1180	29	37	90	88	180	270	84	145*	14
KAZA LAKE	1A12	1190	27	100	307	271	390	453	226	338	39
LU LAKE	4B15	1300	30	84	222	162	352	484	162	318	27
FORFAR CREEK (UPPER)	1A24	1410	30	131	380	372	626	760	372	534	11
EQUITY MINE	4B14	1420	30	97	282	258	458	640	258	405	27
MOUNT SHEBA	4A18	1490	26	193	684	613	988	1146	495	825	35
BARKERVILLE	1A03P	1520	01	-	325A	221	375	524	221	387	27

KNUDSEN LAKE	1A15	1580	26	187	674	544	903	1255	485	826	35
MC BRIDE (UPPER)	1A02	1580	26	110	336	334	406	780	225	429	51
NARROW LAKE	1A21	1650	27	217	801	642	812	1350	541	900	29
REVOLUTION CREEK	1A17P	1690	01	-	551	536	955	1222	453	798	18
LONGWORTH (UPPER)	1A05	1740	26	187	716	614	-	1234A	467	784	48
DOVE MOUNTAIN	1A19	1820	26	164	561	499	785	1057	416	761	33
MARMOT JASPER	AL12	1830	30	59	137	170	279	422	102	236*	34
YELLOWHEAD	1A01	1860	26	108	297	403	534	770	262	507	52
YELLOWHEAD	1A01P	1860	01	-	356	544	630	784	225	593	7
HOLMES RIVER	1A18	1900	26	164	530	592	792	1029	443	724	34
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

NECHAKO

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
SKINS LAKE	1B05	880	30	22	64	0T	89	203	0T	111	40
TAHTSA LAKE	1B02	1300	30	231	922	917	1579	1579	775	1179	51
TAHTSA LAKE	1B02P	1300	01	-	908	966	1597	1686	860	1212	11

KIDPRICE LAKE	4B01	1370	30	193	712	664	1169	1247	622	919	50
MOUNT PONDOSY	1B08P	1400	01	-	597	564	1094	1094	564	798	12
MOUNT WELLS	1B01	1490	30	100	306	273	625	960	273	524	49
NUTLI LAKE	1B07	1490	29	102	320	301	721	724	301	539*	13
MOUNT WELLS	1B01P	1490	01	-	372	344	695	725	344	573	12
MOUNT SWANNELL	1B06	1620	29	69	197	148	350	489	148	294*	15

A - SAMPLING PROBLEMS WERE ENCOUNTERED

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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	
PUNTZI MOUNTAIN	1C22	940	29	No Snow	0	38	120C	0	31	34	
BROOKMERE	1C01	980	29	47	131	146	178	399	86	201	59
NAZKO	1C08	1070	04	No Snow	6	63	165B	0	61	45	
BIG CREEK	1C21	1140	29	8	20	0	41	119	0	16	33
GRANITE MOUNTAIN	1C33	1150	02	51	172	93	213	261	73	181	11
DUFFY LAKE	1C28	1200	01	118	484	423	553	866	244	507	26
PAVILION	1C06	1230	01	No Snow	0	70	147	0	40	47	
LAC LE JEUNE (LOWER)	1C07	1370	26	40	97	67	110A	251	0	97	48

BRIDGE GLACIER (LOWER)	1C39	1400	01	131	446	558	628	1086	364	643*	9
DEADMAN RIVER	1C32	1430	30	35	90A	46	144	188	30	105	20
BRALORNE	1C14	1450	01	36	118	115	122	389	0	178	41
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	165A	150A	312	442	108	260	25
BOSS MOUNTAIN MINE	1C20P	1460	01	-	566	420	778	844	420	615	10
BRENDA MINE	2F18	1460	30	78	275	190	318	531	178	318	35
LAC LE JEUNE (UPPER)	1C25	1460	26	53	144	118	147	228	43	135	31
BRENDA MINE	2F18P	1460	01	-	317	244	418	497	227	394	11
HIGHLAND VALLEY	1C09A	1510	31	34	96	74A	108	249	3A	96	38
BARKERVILLE	1A03P	1520	01	-	325A	221	375	524	221	387	27
HORSEFLY MOUNTAIN	1C13A	1550	31	119	454	300A	456	716	282	464	34
GNAWED MOUNTAIN	1C19	1580	31	42	120A	98A	120	307	37	126	36
MOUNT TIMOTHY	1C17	1660	29	102	310	191	317	533	186	327	41
YANKS PEAK EAST	1C41P	1670	01	-	709	521	836	994	521	829	7
PENFOLD CREEK	1C23	1680	27	218	789	779	1103	1285	641	1000	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	917	1064	1408	616	896	10
MCGILLIVRAY PASS	1C05	1800	01	120	413	539	630	1118	322	602	51
MISSION RIDGE	1C18P	1850	01	-	372	430	631	908	359	576	17
DOWNTON LAKE (UPPER)	1C38	1890	01	181	656	748	1000	1416	566	900	9

TYAUGHTON CREEK (NORTH)	1C40	1950	01	90	288	466	536	844	300	432	9
BRALORNE (UPPER)	1C37	1980	01	135	494	590	740	1010	526	755	9

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

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E - ESTIMATED BASED ON AREAL AVERAGE

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Banner

MIDDLE and LOWER FRASER*April 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	
PUNTZI MOUNTAIN	1C22	940	29	No Snow	0	38	120C	0	31	34	
BROOKMERE	1C01	980	29	47	131	146	178	399	86	201	59
NAZKO	1C08	1070	04	No Snow	6	63	165B	0	61	45	
BIG CREEK	1C21	1140	29	8	20	0	41	119	0	16	33
GRANITE MOUNTAIN	1C33	1150	02	51	172	93	213	261	73	181	11
DUFFY LAKE	1C28	1200	01	118	484	423	553	866	244	507	26
PAVILION	1C06	1230	01	No Snow	0	70	147	0	40	47	
LAC LE JEUNE (LOWER)	1C07	1370	26	40	97	67	110A	251	0	97	48
BRIDGE GLACIER (LOWER)	1C39	1400	01	131	446	558	628	1086	364	643*	9
DEADMAN RIVER	1C32	1430	30	35	90A	46	144	188	30	105	20
BRALORNE	1C14	1450	01	36	118	115	122	389	0	178	41
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	165A	150A	312	442	108	260	25
BOSS MOUNTAIN MINE	1C20P	1460	01	-	566	420	778	844	420	615	10

BRENDA MINE	2F18	1460	30	78	275	190	318	531	178	318	35
LAC LE JEUNE (UPPER)	1C25	1460	26	53	144	118	147	228	43	135	31
BRENDA MINE	2F18P	1460	01	-	317	244	418	497	227	394	11
HIGHLAND VALLEY	1C09A	1510	31	34	96	74A	108	249	3A	96	38
BARKERVILLE	1A03P	1520	01	-	325A	221	375	524	221	387	27
HORSEFLY MOUNTAIN	1C13A	1550	31	119	454	300A	456	716	282	464	34
GNAWED MOUNTAIN	1C19	1580	31	42	120A	98A	120	307	37	126	36
MOUNT TIMOTHY	1C17	1660	29	102	310	191	317	533	186	327	41
YANKS PEAK EAST	1C41P	1670	01	-	709	521	836	994	521	829	7
PENFOLD CREEK	1C23	1680	27	218	789	779	1103	1285	641	1000	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	917	1064	1408	616	896	10
MCGILLIVRAY PASS	1C05	1800	01	120	413	539	630	1118	322	602	51
MISSION RIDGE	1C18P	1850	01	-	372	430	631	908	359	576	17
DOWNTON LAKE (UPPER)	1C38	1890	01	181	656	748	1000	1416	566	900	9
TYAUGHTON CREEK (NORTH)	1C40	1950	01	90	288	466	536	844	300	432	9
BRALORNE (UPPER)	1C37	1980	01	135	494	590	740	1010	526	755	9

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E - ESTIMATED BASED ON AREAL AVERAGE

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LOWER 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
SUMMALLO RIVER WEST	3D01C	790	31	45	165	117	306	512B	0	238	12
BROOKMERE	1C01	980	29	47	131	146	178	399	86	201	59
CALLAGHAN CREEK	3A20	1040	02	149	700	524	882	1604	192	902	27
DISAPPOINTMENT LAKE	1D18P	1040	02	-	1410P	-	1930P	1966	1248P	1715*	3
DICKSON LAKE	1D16	1070	31	350	1648	1004	1980A	2990A	738	1547	12
DOG MOUNTAIN	3A10	1080	31	284	1326	421	1622	2720A	51	1223	59
BEAVER PASS	WA12	1120	30	137	551	559	866	1849	94	786*	59
KLESILKWA	3D03A	1130	31	44	142	125	497	792	0	293	56
SPUZZUM CREEK	1D19P	1180	01	-	1508	1159	2096	2096	1031	1521*	4
DUFFEY LAKE	1C28	1200	01	118	484	423	553	866	244	507	26
STAVE LAKE	1D08	1210	31	343	1452	984	1667	2750A	579	1554	36
WAHLEACH LAKE	1D09	1400	31	173	651	465	796	1270	125	659	36
WAHLEACH LAKE	1D09P	1400	01	-	1173	850	1344	1380P	634	1154	12
NAHATLATCH RIVER	1D10	1520	31	260	1050	1171	1497	2410A	749	1417	36
EASY PASS	WA13	1580	Not Available			-	-	3094	996	2061*	31
CHILLIWACK RIVER	1D17P	1600	01	-	1530	1268	1894	1894	1040	1362*	10
GREAT BEAR	1D15P	1660	01	-	1421	1331	1973	2400	998	1784	12
TENQUILLE LAKE	1D06	1680	01	222	922	1071	1244	1795	605	1159	51
TENQUILLE LAKE	1D06P	1680	01	-	844	1080	1193	1193	713	995*	3
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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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	
SUMALLO RIVER WEST	3D01C	790	31	45	165	117	306	512B	0	238	12
FREEZEOUT CREEK TRAIL	WA11	1070	30	56	198	208	353	665	8	305*	59
BEAVER PASS	WA12	1120	30	137	551	559	866	1849	94	786*	59
KLESILKWA	3D03A	1130	31	44	142	125	497	792	0	293	56
LIGHTNING LAKE	3D02	1220	01	78	274	239	330	622	140	305	56
HARTS PASS	WA09	1980	29	231	924	932	1430	1725	541	1089*	61
HARTS PASS	WA09P	1980	01	-	884	655	1217	1770	546	1025*	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

THOMPSON

April 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	
BLUE RIVER	1E01B	670	31	77	298	154	283	425	154	276	21
KNOUFF LAKE	1E05	1200	04	32	86	96	153	274	58	144	48
COOK CREEK	1E14P	1280	01	-	604	409	638	664	409	552*	4
COOK FORKS	1E06	1390	28	203	818	680	940A	1394	530A	897	41
BOSS MOUNTAIN MINE	1C20P	1460	01	-	566	420	778	844	420	615	10
MOUNT COOK	1E02P	1550	01	-	1040A	1133	1406	1406	939	1159*	3
MOUNT COOK	1E02A	1580	28	250	959	907	1240A	1709	790A	1271	30
AZURE RIVER	1E08	1620	27	247	874	893	1137	1422A	686	1086	34
AZURE RIVER	1E08P	1620	01	-	911	919	1215	1511	716	1155	7

ADAMS RIVER	1E07	1720	27	158	564	520	810	1069	435	707	34
KOSTAL LAKE	1E10P	1770	01	-	728	641	897	1165	618	878	19
NORTH CLEMENA CREEK	1E13	1860	27	173	594	669	916	1018	560	808	15
TROPHY MOUNTAIN	1E03A	1860	27	137	430	332	634	888	332	545	30

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	
ANGLEMONT	1F02	1190	28	78	288	155	333	561	142	353	46
ABERDEEN LAKE	1F01A	1310	29	45	137	95	121	259	6	143	65
MONASHEE PASS	2E01	1370	28	93	327	295	312	517	188	343	55
BOULEAU LAKE	2F21	1400	28	93	276	212	282	564	172B	354	33
ADAMS RIVER	1E07	1720	27	158	564	520	810	1069	435	707	34
KIRBYVILLE LAKE	2A25	1750	28	259	1010	945	1339	1816	701	1189	31
SILVER STAR MOUNTAIN	2F10	1840	03	166	638	640	827	1115	414	760	45
PARK MOUNTAIN	1F03P	1890	01	-	735	762	908	1207	549	867	19

ENDERBY	1F04	1900	30	219	798	920	1169	1430	610	1019	41
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

MIDDLE FRASER

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					2004	2003	2002	Max.	Min.	Normal	
PUNTZI MOUNTAIN	1C22	940	29	No Snow	0	38	120C	0	31	34	
BROOKMERE	1C01	980	29	47	131	146	178	399	86	201	59
NAZKO	1C08	1070	04	No Snow	6	63	165B	0	61	45	
BIG CREEK	1C21	1140	29	8	20	0	41	119	0	16	33
GRANITE MOUNTAIN	1C33	1150	02	51	172	93	213	261	73	181	11
DUFFY LAKE	1C28	1200	01	118	484	423	553	866	244	507	26
PAVILION	1C06	1230	01	No Snow	0	70	147	0	40	47	
LAC LE JEUNE (LOWER)	1C07	1370	26	40	97	67	110A	251	0	97	48
BRIDGE GLACIER (LOWER)	1C39	1400	01	131	446	558	628	1086	364	643*	9
DEADMAN RIVER	1C32	1430	30	35	90A	46	144	188	30	105	20
BRALORNE	1C14	1450	01	36	118	115	122	389	0	178	41
SHOVELNOSE MOUNTAIN	1C29	1450	28	47	165A	150A	312	442	108	260	25

BOSS MOUNTAIN MINE	1C20P	1460	01	-	566	420	778	844	420	615	10
BRENDA MINE	2F18	1460	30	78	275	190	318	531	178	318	35
LAC LE JEUNE (UPPER)	1C25	1460	26	53	144	118	147	228	43	135	31
BRENDA MINE	2F18P	1460	01	-	317	244	418	497	227	394	11
HIGHLAND VALLEY	1C09A	1510	31	34	96	74A	108	249	3A	96	38
BARKERVILLE	1A03P	1520	01	-	325A	221	375	524	221	387	27
HORSEFLY MOUNTAIN	1C13A	1550	31	119	454	300A	456	716	282	464	34
GNAWED MOUNTAIN	1C19	1580	31	42	120A	98A	120	307	37	126	36
MOUNT TIMOTHY	1C17	1660	29	102	310	191	317	533	186	327	41
YANKS PEAK EAST	1C41P	1670	01	-	709	521	836	994	521	829	7
PENFOLD CREEK	1C23	1680	27	218	789	779	1103	1285	641	1000	28
GREEN MOUNTAIN	1C12P	1780	01	-	661	917	1064	1408	616	896	10
MCGILLIVRAY PASS	1C05	1800	01	120	413	539	630	1118	322	602	51
MISSION RIDGE	1C18P	1850	01	-	372	430	631	908	359	576	17
DOWNTON LAKE (UPPER)	1C38	1890	01	181	656	748	1000	1416	566	900	9
TYAUGHTON CREEK (NORTH)	1C40	1950	01	90	288	466	536	844	300	432	9
BRALORNE (UPPER)	1C37	1980	01	135	494	590	740	1010	526	755	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

COLUMBIA

April 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	
CANOE RIVER	2A01A	910	26	21	57	0T	142	262	0T	98	63
DOWNIE SLIDE (LOWER)	2A27	980	Not Measured			502	704	1062	448	680	27
GLACIER	2A02	1250	30	171	661	611	665	1161	371B	730	67
FIELD	2A03A	1280	31	44	131	86	96	251	8	153	64
SUNWAPTA FALLS	AL11	1400	30	49	127	175	198	333	89	195*	35
VERMONT CREEK	2A19	1520	29	111	364	295	430	843	190	446	38
AZURE RIVER	1E08	1620	27	247	874	893	1137	1422A	686	1086	34
AZURE RIVER	1E08P	1620	01	-	911	919	1215	1511	716	1155	7
DOWNIE SLIDE (UPPER)	2A29	1630	28	296	1132	1120	1490	2360A	858	1347	26
KICKING HORSE	2A07	1650	31	100	314	272	271	589	185	346	56
KIRBYVILLE LAKE	2A25	1750	28	259	1010	945	1339	1816	701	1189	31

MOUNT REVELSTOKE	2A06P	1830	01	-	1062	1077	1307	1686	709	1230	11
NORTH CLEMINA CREEK	1E13	1860	27	173	594	669	916	1018	560	808	15
FIDELITY MOUNTAIN	2A17	1870	27	327	1234	1012	1359	1951	730	1248	41
BEAVERFOOT	2A11	1890	28	63	162	152	196	460	105	222	44
KEYSTONE CREEK	2A18	1890	28	189	657	614	829	1388	485	827	37
BUSH RIVER	2A23	1920	28	192	690	750A	864	1331	455	865	37
NIGEL CREEK	AL10	1920	30	106	322	272	437	700	198	423*	35
GOLDSTREAM	2A16	1920	28	281	1029	951	1264	1638A	785	1157	40
MOLSON CREEK	2A21P	1980	01	-	949	945	1223	1223	651	1014	21
MOUNT ABBOT	2A14	1980	29	306	1148	1015	1414	1849	698	1256	45
SUNBEAM LAKE	2A22	2010	28	231	828	762	936	1384	590	917	37
MIRROR LAKE	AL06	2030	01	89	259	234	368	561	160	301*	64
BOW SUMMIT II	AL07A	2080	29	114	330	290	439	584B	180	363*	25

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	

FERGUSON	2D02	880	29	135	589	421	499	881	142	587	66
BAIRD	WA02	980	Not Available			137	226	363	0	157*	44
FARRON	2B02A	1220	26	85	285	243	310	480	162	330	31
MONASHEE PASS	2E01	1370	28	93	327	295	312	517	188	343	55
WHATSHAN (UPPER)	2B05	1480	28	162	642	580	601	964	350	668	46
BARNES CREEK	2B06	1620	28	134	486	520	482	768	299	518	47
BARNES CREEK	2B06P	1620	01	-	484	593	544	773	323	546	11
ST. LEON CREEK	2B08	1800	28	290	1144	1107	1451	1831	818	1253	35
ST. LEON CREEK	2B08P	1800	01	-	968	1001	1256	1553	581	1133	10
KOCH CREEK	2B07	1860	28	190	710	-	733	1156	397	755	44
RECORD MOUNTAIN	2B09	1890	29	171	655	748	810	1307	315	752	29
EAST CREEK	2D08P	2030	01	-	717	690	-	1245	442	922	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

Banner

KOOTENAY

April 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	
KISHENEHN	MT01	1190	28	53	183	147	284	465	36	202*	57
FERNIE EAST	2C07	1250	01	60	201	217Z	407	605	151	335	52
SINCLAIR PASS	2C01	1370	31	37	86	64	96	262A	36	135	67
BRUSH CREEK TIMBER	MT03	1520	30	33	114	119	226	434	76	242*	52
MARBLE CANYON	2C05	1520	Not Measured			288	353	587A	168	364	57
SULLIVAN MINE	2C04	1550	29	71	232	238	297	538	137	313	58
WEASEL DIVIDE	MT02	1660	01	178	742	678	1016	1346	312	828*	63
KIMBERLEY (MIDDLE) V O R	2C12	1680	30	65	194	221	254B	462	141	279	35
BANFIELD MOUNTAIN	MT05	1710	25	91	353B	391	-	919	236	534*	33

BANFIELD MOUNTAIN	MT05P	1710	01	-	348	416	561	739	279	467*	6
MOUNT JOFFRE	2C16	1750	29	88	279	299	474	711	179	388	35
MORRISSEY RIDGE	2C09Q	1800	01	-	626	675	866	1224	360	744	20
RED MOUNTAIN	MT04	1830	30	96	373	411	544	810	211	482*	65
MOYIE MOUNTAIN	2C10P	1930	01	-	401	424	540	679	216	401	24
HAWKINS LAKE	MT06	1970	25	157	564B	648	869	1313	399	757*	31
HAWKINS LAKE	MT06P	1970	01	-	533	597	782	1001	310	610*	6
ALLISON PASS	AL01	1980	29	111	354	375	432	823	247	482*	40
WILKINSON SUMMIT (BUSH)	AL03	1980	29	64	188	172	224	460	100	214*	40
THUNDER CREEK	2C17	2010	29	84	213	-	277	475	140A	287	33
FLOE LAKE	2C14	2090	29	186	660	691	806	1242	411	791	34
FLOE LAKE	2C14P	2090	01	-	656	653	769	1001	360	724	9
KIMBERLEY (UPPER) V O R	2C11	2140	30	110	343	383	457B	798	197	467	35
HIGHWOOD SUMMIT (BUSH)	AL02	2210	30	112	330	323	503	681	180	393*	33
MOUNT ASSINIBOINE	2C15	2230	29	142	452	460	600	816	252	551	35
SUNSHINE VILLAGE	AL05	2230	31	164	493	493	658	996	277	601*	37

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	
DUNCAN LAKE NO. 2	2D07A	650	26	37	142	0	115	223	0	84*	13
FERGUSON	2D02	880	29	135	589	421	499	881	142	587	66
NELSON	2D04	930	30	93	374	237	374	622	137	372	66
SANDON	2D03	1070	Not Available			289Z	294	585	71	357	65
CHAR CREEK	2D06	1310	01	135	557	511	534	940	273	563	38
SMITH CREEK	ID01	1460	01	231	1016	986	1087	1940	508	1116*	62
BUNCHGRASS MEADOW	WA01P	1520	01	-	643	742	830	1214	414	801*	6
GRAY CREEK (LOWER)	2D05	1550	30	123	487	407	-	688	290	472	55
KOCH CREEK	2B07	1860	28	190	710	-	733	1156	397	755	44
MOUNT TEMPLEMAN	2D09	1860	29	243	892	1010A	1065	1608	688	1076	34
GRAY CREEK (UPPER)	2D10	1910	30	176	689	-	-	1123	492	783	33
EAST CREEK	2D08P	2030	01	-	717	690	-	1245	442	922	22
REDFISH CREEK	2D14P	2104	01	-	1046	1193	1519	1519	1193	1356*	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

Banner

KETTLE, OKANAGAN and SIMILKAMEEN*April 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	
FARRON	2B02A	1220	26	85	285	243	310	480	162	330	31
GOAT CREEK	WA04	1220	Not Available			68	89	274	0	111*	39
CARMI	2E02	1250	02	30	92	60	118	290	14	142	41
MONASHEE PASS	2E01	1370	28	93	327	295	312	517	188	343	55
SUMMIT G.S.	WA05	1400	Not Available			226	170	338	23	208*	41
BIG WHITE MOUNTAIN	2E03	1680	02	120	460	428	534	762	332	507	38
GRANO CREEK	2E07P	1860	01	-	416	454	626	769	334	553*	6
BLUEJOINT MOUNTAIN	2E06	2040	28	177	678	-	761	1175	329	742	25
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**

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	
MC CULLOCH	2F03	1280	01	31	82	52	154	249	38	155	66
SUMMERLAND RESERVOIR	2F02	1280	31	59	182	126	240	389	96	226	67
ABERDEEN LAKE	1F01A	1310	29	45	137	95	121	259	6	143	65
OYAMA LAKE	2F19	1340	29	50	161	88	183	255	61	170	33
POSTILL LAKE	2F07	1370	31	67	230	164	227	348	109	224	53
BOULEAU LAKE	2F21	1400	28	93	276	212	282	564	172B	354	33
VASEUX CREEK	2F20	1400	01	39	98	84	108	239	72	157	33
ESPERON CR (MIDDLE)	2F14	1430	28	104	348	212	366	607	196	372	36
TROUT CREEK	2F01	1430	01	53	142	130B	215A	396	52	182	67
BRENDA MINE	2F18	1460	30	78	275	190	318	531	178	318	35
BRENDA MINE	2F18P	1460	01	-	317	244	418	497	227	394	11
ISLAHT LAKE	2F24	1480	31	91	297	189	373	501	165A	349	21
GREYBACK RESERVOIR	2F08	1550	01	74	216	247	194	351	114	233	50
ESPERON CR (UPPER)	2F13	1650	28	123	392	254	482	805	244	435	35
ISINTOK LAKE	2F11	1680	30	57	146	110	167	424	66	183	39
MACDONALD LAKE	2F23	1740	30	117	410	300	540	677	257	463	27
MUTTON CREEK NO. 1	WA07	1740	26	96	274	381B	358	721	79	345*	63
MISSION CREEK	2F05P	1780	01	-	529	458	600	728	278	472	32
GRAYSTOKE LAKE	2F04	1810	31	110	284	284	404	828	196	405	34

MOUNT KOBAN	2F12	1810	26	77	240	297	320	602	105	318	38
WHITEROCKS MOUNTAIN	2F09	1830	31	141	495	343	676	1021	318	586	49
SILVER STAR MOUNTAIN	2F10	1840	03	166	638	640	827	1115	414	760	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	
BROOKMERE	1C01	980	29	47	131	146	178	399	86	201	59
FREEZEOUT CREEK TRAIL	WA11	1070	30	56	198	208	353	665	8	305*	59
LIGHTNING LAKE	3D02	1220	01	78	274	239	330	622	140	305	56
HAMILTON HILL	2G06	1490	31	74	267	244	399	851	164	356	44
MISSEZULA MOUNTAIN	2G05	1550	29	54	172	123	254	516B	104	242	43
ISINTOK LAKE	2F11	1680	30	57	146	110	167	424	66	183	39
LOST HORSE MOUNTAIN	2G04	1920	30	76	231	174	265	533	146E	243	41
BLACKWALL PEAK	2G03P	1940	01	-	690	623	1043	1494	400	833	36
HARTS PASS	WA09	1980	29	231	924	932	1430	1725	541	1089*	61
HARTS PASS	WA09P	1980	01	-	884	655	1217	1770	546	1025*	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

April 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	3A09	880	02	303	1381	-	1863	3560A	285	1440	55
PALISADE LAKE	3A09P	880	Not Measured			-	-	1680	678	1179*	2
POWELL RIVER (LOWER)	3A05	910	02	162	721	-	844	1554	85	743	44
CALLAGHAN CREEK	3A20	1040	02	149	700	524	882	1604	192	902	27
POWELL RIVER (UPPER)	3A02	1040	02	261	1160	-	1092	1813	467	1046	41
DOG MOUNTAIN	3A10	1080	31	284	1326	421	1622	2720A	51	1223	59
GROUSE MOUNTAIN	3A01	1100	Not Available			600	1752	2670A	44	1203	68
ORCHID LAKE	3A19	1190	02	406	1846	-	1895	3770A	980	1905	30

ORCHID LAKE	3A19P	1190	Not Available			1430	1836	3819	1220	1951*	17
UPPER SQUAMISH RIVER	3A25P	1340	01	-	1403	1406	1553	1853	1039	1620	13
NOSTETUKO RIVER	3A22P	1500	01	-	446	417	626	988	359	605*	13
UPPER MOSELY CREEK	3A24P	1650	01	-	248	135	263	567	135	279*	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	
ELK RIVER	3B04	270	29	No Snow	0	0	607	0	89	42	
WOLF RIVER (LOWER)	3B19	640	29	96	346	164	458	1198	0	381	32
TENNENT LAKE	3B22	950	01	267	1016	712	1300Z	2830A	432	1034	16
UPPER THELWOOD LAKE	3B10	980	29	317	1475A	1124	1576	3200A	492	1554	44
WOLF RIVER (MIDDLE)	3B18	1070	29	201	678	532	666	1706	0	664	32

FORBIDDEN PLATEAU	3B01	1130	29	337	1550A	1252	1484	3550A	413	1595	49
JUMP CREEK	3B23P	1160	01	-	1159	649	1556	1643	401	1208	7
MOUNT COKELY	3B02A	1190	26	255	990	692	994	2100A	331	864	24
WOLF RIVER (UPPER)	3B17P	1490	01	-	1359	1454	1250	1878	796	1420	15

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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	
WEDEENE RIVER SOUTH	3C07	300	26	86	352	308	576	733	36	361*	20
TAHTSA LAKE	1B02	1300	30	231	922	917	1579	1579	775	1179	51
TAHTSA LAKE	1B02P	1300	01	-	908	966	1597	1686	860	1212	11
BURNT BRIDGE CREEK	3C08P	1330	01	-	638	420	1028	1028	201	639*	6

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

NORTH EAST*April 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	
FORT ST. JOHN A	4A25	690	28	30	86	133	126	210	0	102	30
MACKENZIE A	4A19	700	Not Measured			234	200	361	0	226	32
PACIFIC LAKE	1A11	770	26	156	564	469	697	879	290	628	41
BULLHEAD MOUNTAIN	4A28	790	28	40	109	106	131	168	0T	95	19
PHILIP LAKE	4A13	980	27	90	251	263	330	423	176	287	41
WARE (LOWER)	4A04	980	28	62	153	202	239	316	112B	188	41
AIKEN LAKE	4A30P	1040	01	-	244	225	321	371	206	258	17
TUTIZZI LAKE	4A06	1070	27	76	223	257	319	406	166	255	41
TSAYDAYCHI LAKE	4A12	1160	27	122	335	338	530	584	234	394	41
PINK MOUNTAIN	4A14	1170	05	25	46	71	114	175	16	85	40
KAZA LAKE	1A12	1190	27	100	307	271	390	453	226	338	39

FREDRICKSON LAKE	4A10	1310	27	77	201	228	271	351	163B	245	41
PULPIT LAKE	4A09	1310	28	122	375	357	480	556	297	402	41
PULPIT LAKE	4A09P	1310	01	-	387	433	439	500	378	411	13
PINE PASS	4A02P	1400	01	-	917	844	1256	1530	844	1101	12
TRYGVE LAKE	4A11	1400	27	109	308	310	426	493	257	359	41
SIKANNI LAKE	4C01	1400	28	84	229	254	318	380	166	268	41
PINE PASS	4A02	1430	28	275	1055	870	1440	1562	668	1150	42
MORFEE MOUNTAIN	4A16	1450	28	193	724	689	987	1158	555	854	36
LADY LAURIER LAKE	4A07	1460	28	133	425	407	701	737	342	503	40
MOUNT SHEBA	4A18	1490	26	193	684	613	988	1146	495	825	35
GERMANSEN (UPPER)	4A05	1500	27	116	321	293	421	523	200	352	42
MOUNT STEARNS	4A21	1500	28	55	124	154	158	239	59	148	29
JOHANSON LAKE	4B02	1540	27	93	277	280	337	417	173	291	41
MONKMAN CREEK	4A20	1550	26	134	420	313	616	1067	313	593	25
WARE (UPPER)	4A03	1570	28	82	226	-	302	390	157	254	40
KWADACHA RIVER	4A27P	1620	01	-	236	304	345	446	240	339*	19

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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	2004	2003	2002	Max.	Min.	Normal	No. Years Record
FORT NELSON A	4C05	380	01	21	46	155	150	198	23	95	38
WATSON LAKE A	YK01	700	26	62	125	141	188	229	71	126*	37
FRANCES RIVER	YK02	730	31	76	174	151	176	302	76	150*	27
DEASE LAKE	4C03	820	30	37	120A	181	120	259	50A	136	39
JADE CITY	4C15	940	26	90	228	174	218	218	174	196*	2
SUMMIT LAKE	4C02	1280	02	47	96	-	108	240	0	114	35
DEADWOOD RIVER	4C09P	1300	01	-	86	154	113	283	70	147*	10
SIKANNI LAKE	4C01	1400	28	84	229	254	318	380	166	268	41

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

Banner

NORTH WEST*April 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	
SPEEL RIVER	AK03	80	31	216	838	518	800	1402	300	768*	35
TELEGRAPH CREEK	4D01	580	02	50	125	109	114	343	37	156	29
NINGUNSAW PASS	4B10	690	30	116	398	353	434Z	620	231	438	29
DEASE LAKE	4C03	820	30	37	120A	181	120	259	50A	136	39
ISKUT	4D02	1000	31	24	87	130	110A	167	0	107	29
KINASKAN LAKE	4D11P	1020	01	-	473	435	349	570	256	379*	13
TUMEKA CREEK	4D10P	1220	01	-	491	484	506	869	387	596*	14
WADE LAKE	4D14P	1370	01	-	315	315	296	527	232	345*	12
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

YUKON**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	
ATLIN LAKE	4E02A	730	31	69	194	98	139	197	50	117*	20
LOG CABIN	4E01	880	29	151	482	223	467B	596	213	372	44
PINE LK AIRSTRIP	YK03	1010	31	94	239	156	194B	351	122	220*	28
MONTANA MTN.	YK05	1020	26	55	127	134	144B	217A	84	137*	27
TAGISH	YK04	1080	26	60	129	107	142	177	73	132*	27
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											

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	
TERRACE A	4B13A	180	29	No Snow	19	192	333	0	81*	24	
BEAR PASS	4B11A	460	05	141	554	448	604	900	408	706	20
NINGUNSAW PASS	4B10	690	30	116	398	353	434Z	620	231	438	29
GRANDUC MINE	4B12P	790	01	-	1661	1609	1815	1815	1609	1712*	2
CEDAR-KITEEN	4B18P	885	01	-	593	454	773	773	454	605*	3

MCKENDRICK CREEK	4B07	1050	30	74	204	251	311	427	183	297	36
TACHEK CREEK	4B06	1140	30	63	140	178	264	362	112	232	36
KAZA LAKE	1A12	1190	27	100	307	271	390	453	226	338	39
LU LAKE	4B15	1300	30	84	222	162	352	484	162	318	27
LU LAKE	4B15P	1310	01	-	199	169	398	398	154	251*	5
TSAI CREEK	4B17P	1360	01	-	938	919	1534	1534	919	1104*	6
KIDPRICE LAKE	4B01	1370	30	193	712	664	1169	1247	622	919	50
TRYGVE LAKE	4A11	1400	27	109	308	310	426	493	257	359	41
EQUITY MINE	4B14	1420	30	97	282	258	458	640	258	405	27
CHAPMAN LAKE	4B04	1460	30	114	341	392	577	762	315	474	39
HUDSON BAY MTN.	4B03A	1480	29	126	383	399	609	846	356	524	32
SHEDIN CREEK	4B16P	1480	01	-	690A	731	1005	1039	731	880*	8
MOUNT CRONIN	4B08	1480	30	147	473	476	686	1097	433	612	35
JOHANSON LAKE	4B02	1540	27	93	277	280	337	417	173	291	41

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