

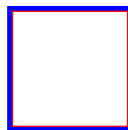
Banner

May 1, 1998Fraser
Basin
Snow
Survey[Fraser Basin Snow Survey Measurements](#)**UPPER FRASER AND NECHAKO**

Precipitation in the upper Fraser during April was close to normal, although the accumulated precipitation since the beginning of November remains about 27% below normal. Temperatures in the region were about a degree above normal during the month.

The warm weather at the end of April has resulted in greater than normal depletions of the snowpack during the month and the regional snow water equivalent index is now estimated to be 35% below normal. Few new record low readings are reported for this date, but Barkerville (1A03), which has a forty year record for this sampling period, reports a record low reading only two-thirds of the previous record. Data for the Nechako basin snow courses are not yet available and will be added as soon as possible.

The flow in the Fraser River near Marguerite, having been above normal most of the winter, was only 70% of normal during April, presumably as the result of the previous depletion of much of the low elevation snowpack. Peak flows on the main rivers in the area this spring are very unlikely to reach flood stage.

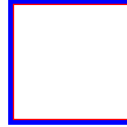
[Data Graphs](#)**MIDDLE AND LOWER FRASER**

While the lower Fraser basin enjoyed a very dry April, based on relatively few meteorological station reports, the middle Fraser basin had above normal precipitation. However, the cumulative precipitation total over the winter is still well below normal. Mean temperatures were about a degree or two above normal.

The warm weather in the region at the end of the month has resulted in greater than normal snowpack depletions during the month. The regional snow indices are now for 73% and 84% of normal for the middle and lower Fraser basins, respectively. In both cases this is 10% lower than a month ago.

Although there was a substantial increase in flows at the end of the month, the mean flow in the Fraser River at Hope for April was about 9% below normal. The volume forecast for this location through September is for 16% below normal

and, as a result, unless there are some really abnormal weather conditions, peak flows are not likely to reach damaging levels on the main stem of the Fraser River this spring.



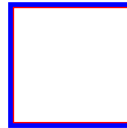
[Data Graphs](#)

NORTH AND SOUTH THOMPSON

There are relative few meteorological station reports available for the Thompson basin, but indications are that April precipitation was below normal in the North Thompson and a little above normal in the south. Mean temperatures were a little above normal.

The snowpack in the Thompson River basin above elevation 1500 m continued to accumulate snow during April although amounts were generally below normal. The result is that the regional snowpacks are a little below normal - 5% in the North Thompson and about 11% in the South Thompson basin.

The runoff as measured in the Thompson River near Spences Bridge has been above normal all winter and this pattern was continued through April with a mean flow reported at 55% greater than normal. Continued hot weather, particularly if followed by substantial rain could bring the rivers up close to flood stage, but there is no indication at present that this is likely to happen.



[Data Graphs](#)



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Banner

May 1, 1998Columbia
Basin
Snow[Columbia Basin Snow Survey Measurements](#)**UPPER AND LOWER COLUMBIA**

Valley-bottom precipitation in the Columbia valley in April was about 7% above normal, but the total precipitation since the beginning of November is still below normal. Mean temperatures averaged about 1.5°C above normal.

Snowpack depletion during the month has generally been greater than normal. The result is that the regional snowpack water equivalent index which was 13% below normal at the beginning of April is now 19% below normal.

Natural runoff as measured at Donald was about 10% below normal for April - probably as a result of a lack of low and mid-elevation snow. Rivers responded quite rapidly to the warmth at the end of the month but, unless there is abnormal weather in the next few weeks, there appears to be little danger of flooding on the main rivers.

Data
Graphs[Data Graph](#)**EAST AND WEST KOOTENAY**

Snowpacks in the Kootenay area are melting rapidly in response to the warm weather and the regional snowpack is now estimated to be almost 30% below normal for this date.

The warm weather at the end of April and into the first days of May has caused a rapid rise in many of the rivers and creeks in the area. However, unless there is a sequence of abnormal weather, it does not seem likely that there will be flooding on the main rivers in the region this spring.

[Data Graphs](#)**OKANAGAN, SIMILKAMEEN AND KETTLE**

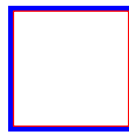
Total April precipitation was well above normal throughout the region with mean temperatures about 1°C above normal.

Snowpack depletions, however, were well above normal, largely as the result of the warm weather towards the end of the month which caused appreciable melting. The regional snowpack for the Okanagan-Kettle and Similkameen basins are now estimated to be 14% and 41% below normal, respectively.

The warm spell at the end of the month brought many rivers and creeks close to bank-full conditions, but did not cause any widespread damage. A return to the very warm temperatures could bring streams up again, but damaging flooding along the main rivers appears unlikely this year.

As a result of the low snowpack in the Similkameen, the volume forecast for the Similkameen River at Nighthawk is for 62% of normal. As a result of this low forecast, water will be stored on Osoyoos Lake for use later in the year.

Inflow to Okanagan Lake was almost three times normal during April as a result of the rapid melt. The forecast for the May through July period is for 75% of normal and this should be sufficient to bring the lake to its normal summer elevation and provide ample water to all users.



[Data Graphs](#)



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May 1, 1998

Snow
Survey
Measureme

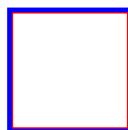
[Coastal Basin Snow Survey Measurements](#)

SOUTH COASTAL AND VANCOUVER ISLAND

The South Coast regional snowpack dropped considerably during April, and the May 1 overall snowpack is below normal. The Grouse Mountain snow course (3A01) which has 48 years of May 1 data reports 87% of normal for this date. Tatlayoko Lake (3A13) in the Homathko basin reports 50% of normal. The April total precipitation at weather stations was well below normal, which is consistent with the change in the mountain snowpack.

On Vancouver Island, the May 1 snowpack continues to be somewhat above normal, but lower elevation snow is melting. The three Wolf River snow courses give a good overview of the change in April and the May 1 water content at different elevations. Precipitation for April at low elevation weather stations was also well below normal on the Island, especially the south end.

Regional runoff is indicated by inflow to Upper Campbell Lake, which was 67% of normal for April, the first below average month since last September. The forecast inflow from now until the end of July is for 110% of normal.



[Data Graphs](#)

Volume
Runoff
Forecasts

[Volume Runoff Forecasts](#)

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May 1, 1998

Snow
Survey
Measurements

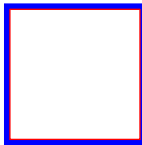
[Northern Basins Snow Survey Measurements](#)

NORTHEASTERN

The snowpack in the Peace River basin showed greater than normal depletion in April, though there were some courses at higher elevations that had above normal gains. The basinwide snowpack is below normal for May 1. Based on very sparse data, it is estimated that the Liard basin snowpack is well below normal for This date.

April precipitation at weather stations was highly variable in the Peace, but overall is estimated to be about normal. In the Liard, the April precipitation was also quite variable but overall is estimated to be above normal, on the basis of very little data. April mean temperatures varied from 1°C above normal in the Peace to 3°C above normal in the Liard.

Inflow to Williston Lake continued the above normal trend that has been ongoing for many months. Volume runoff forecasts for May-September predict 92% of normal flows, assuming average weather during this period.



[Data Graphs](#)

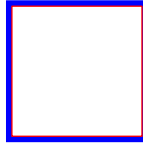
NORTHWESTERN

The May 1 snow water content in the Skeena-Nass region is below normal, especially at the lower elevations where two snow courses set or matched record low May 1 readings. Very few snowcourses were sampled in the Stikine region, but on the available data the snowpack is judged to be well below normal. The Yukon River drainage has a slightly below normal snowpack for this time of year.

April precipitation at weather stations was highly variable in the Skeena basin, and well below normal

towards the Yukon border. Seasonal totals since November are well below normal. Mean temperatures for April in northwest BC averaged 1°C above normal.

The Skeena River at Usk had 86% of normal runoff for April. Assuming normal weather, seasonal runoff for May through September is predicted to be 87% of normal.



[Data Graphs](#)

Volume
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FRASER

May 1, 1998

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1998	1997	1996	Max.	Min.	Normal	
UPPER FRASER											
PACIFIC LAKE	1A11	770	28	66	300	735	265	950	93	558	33
PHILIP LAKE	4A13	980	29	40	132	329	202	406	0	228	34
HEDRICK LAKE	1A14	1100	28	104	458	870	507	1090	263	682	31
MCBRIDE (MIDDLE)	1A20	1160	26	46	154	354	204	482	64A	353	24
BIRD CREEK	1A23	1180	6	No Snow	0Z	0	82	0Z	21*		8
KAZA LAKE	1A12	1190	29	84	294	375	412	470	201	337	32
LU LAKE	4B15	1300	01	62	196	444	356	444	180	279	18
FORFAR CREEK (UPPER)	1A24	1410	29	139	542	790	700	790	462	642*	4
EQUITY MINE	4B14	1420	30	93	310	620	480	620	212	345	20
MOUNT SHEBA	4A18	1490	28	167	718	1251	889	1251	503	865	29
BARKERVILLE	1A03	1520	01	29	116	-	262	599	176	378	46
BARKERVILLE	1A03P	1520	01	-	240	439	-	604	169	376	21
MC BRIDE (UPPER)	1A02	1580	26	94	302	445	376	790	241	476	30
KNUDSEN LAKE	1A15	1580	28	167	721	913	806	1346	501	918	29
NARROW LAKE	1A21	1650	29	178	807	1266	756	1414	648	1015	23
REVOLUTION CREEK	1A17P	1690	01	-	517	861	844	1211	711	877	12
LONGWORTH (UPPER)	1A05	1740	28	144	644	1132	726	1476	391	861	45
DOMM MOUNTAIN	1A19	1820	28	155	632	897	678	1138	452	889	25

MARMOT JASPER	AL12	1830	29	43	135	249	246	401	0	233*	26
YELLOWHEAD	1A01	1860	28	96	324	594	672	805A	318	547	47
YELLOWHEAD	1A01P	1860	01	89	401	364	-	364	364	364*	1
HOLMES RIVER	1A18	1900	28	145	575	853	793	1140	518	838	27
NECHAKO											
TAHTSA LAKE	1B02	1300	06	213	1090	1424	1286	1770	701	1202	46
TAHTSA LAKE	1B02P	1300	01	-	1375	1658	-	1658	866	1295	5
KIDPRICE LAKE	4B01	1370	06	136	746	1173	1094	1367	551	919	46
MOUNT PONDOSY	1B08P	1400	01	-	796	1021	-	1021	546	780*	5
MOUNT WELLS	1B01	1490	06	61	316	640	625	958	309	530	43
MOUNT WELLS	1B01P	1490	01	-	475	792	704	792	521	590	6
NUTLI LAKE	1B07	1490	06	72	331	660	693	693	416	552*	7
MOUNT SWANNELL	1B06	1620	06	24	109	406Z	314	450	177A	305*	9
MIDDLE FRASER											
BROOKMERE	1C01	980	03	9	34	238	106	419	0	117	51
GRANITE MOUNTAIN	1C33	1150	01	No Snow		75	8	75	0	24*	5
LAC LE JEUNE (LOWER)	1C07	1370	30	1	5	60	0	163	0	23*	40
CONANT LAKE	1C31	1370	25	25	96	158	51	223	0	121	16
BRIDGE GLACIER (LOWER)	1C39	1400	27	152	610	708	-	708	694	701*	2
DEADMAN RIVER	1C32	1430	28	22	60	39	0	121	0	58	14
BRALORNE	1C14	1450	27	No Snow		142	-	218	0	76	34
SHOVELNOSE MOUNTAIN	1C29	1450	25	36	157	198	75	302	0	137	18
SPAHOMIN	1C30	1450	30	No Snow		10	-	40	0	3*	17
BONAPARTE LAKE	1C34	1450	26	76	270A	378	300	378	250	313*	5
BOSS MOUNTAIN MINE	1C20P	1460	01	101	491	746	679	810	473	617	4
LAC LE JEUNE (UPPER)	1C25	1460	30	8	29	94	0	117A	0	27*	25
BRENDA MINE	2F18P	1460	01	-	99	273	235	279	0	179	5

BRENDA MINE	2F18	1460	28	51	230	344	272	526	0	234	29
BOSS MOUNTAIN MINE	1C20	1500	28	116	500	697	641	792	290	573	30
HIGHLAND VALLEY	1C09A	1510	29	No Snow		132	0	142	0	32	32
BARKERVILLE	1A03	1520	01	29	116	-	262	599	176	378	46
BARKERVILLE	1A03P	1520	01	-	240	439	-	604	169	376	21
HORSEFLY MOUNTAIN	1C13A	1550	27	89	274	590	-	676	136	430	27
GNAWED MOUNTAIN	1C19	1580	29	11	38	152	0	241	0	102	30
GREEN MOUNTAIN	1C12	1630	Not Measured			783	-	1234	320	687	33
MOUNT TIMOTHY	1C17	1660	01	50	184	371	312	536	118	311	35
YANKS PEAK EAST	1C41P	1670	01	140	724	1024	-	1024	1024	1024	1
PENFOLD CREEK	1C23	1680	29	219	1037	1258	1153	1420	796	1074	25
YANKS PEAK	1C24	1710	29	151	674	992	799	1057	500	821	26
TATLAYOKO LAKE	3A13	1710	02	37	117	215	273	544	69	234	34
GREEN MOUNTAIN	1C12P	1780	01	-	820	1088	1033	1088	807	997*	4
MCGILLIVRAY PASS	1C05	1800	27	119	500	754	-	1118	302	614	45
MISSION RIDGE	1C18P	1850	01	-	326	613	527	877	313	592	11
DOWNTON LAKE (UPPER)	1C38	1890	27	195	860	914	-	1018	914	966*	2
TYAUGHTON CREEK (NORTH)	1C40	1950	27	93	312	544	-	544	476	510*	2
PAVILION MOUNTAIN	1C36	1960	01	72	240	-	240	240	196	218*	2
BRALORNE (UPPER)	1C37	1980	27	138	590	868	-	868	822	845*	2
LOWER FRASER											
SUMMALLO RIVER WEST	3D01C	790	29	No Snow		348	0	348	0	58*	6
BROOKMERE	1C01	980	03	9	34	238	106	419	0	117	51

DISAPPOINTMENT LAKE	1D18P	1040	Not Measured			-	-	1920	1920	1920	1
CALLAGHAN CREEK	3A20	1040	30	124	650	990	320	1565	256	933	20
DICKSON LAKE	1D16	1070	30	267	1420	2140	700	2140	604	1279	7
DOG MOUNTAIN	3A10	1080	30	192	970	1475	404	1475	122	1384	14
BEAVER PASS	WA12	1120	30	119	569	1074	348	1590	135	763*	49
KLESILKWA	3D03A	1130	30	No Snow		349	0	752	0	176	25
STAVE LAKE	1D08	1210	30	312	1520	1780	1101	2695	796	1747	31
WAHLEACH LAKE	1D09	1400	30	128	624	885	296	1417	177	735	31
WAHLEACH LAKE	1D09P	1400	01	-	988	1585	826	1585	509	903*	6
NAHATLATCH RIVER	1D10	1520	30	258	1321	1514	1274	2362	940	1539	30
EASY PASS	WA13	1580	Not Available			-	-	3414	1072	2195	28
CHILLIWACK RIVER	1D17P	1600	01	219	1223	1780	1193	1780	925	1660	5
GREAT BEAR	1D15P	1660	01	-	1634	2487	1757	2487	1370	1674	6
TENQUILLE LAKE	1D06	1680	03	219	1085	1448	1200	1814	676	1227	41
NORTH THOMPSON											
BLUE RIVER	1E01B	670	29	No Snow		265	64	265	0	22*	15
COOK FORKS	1E06	1390	30	141	621	1018	839	1438	579	904	34
BOSS MOUNTAIN MINE	1C20P	1460	01	101	491	746	679	810	473	617	4
BOSS MOUNTAIN MINE	1C20	1500	28	116	500	697	641	792	290	573	30
MOUNT COOK	1E02A	1580	30	257	1283	1539	1494	1615	927	1339	24
AZURE RIVER	1E08	1620	29	224	1108	1329	1414	1491	766	1120	28
AZURE RIVER	1E08P	1620	01	203	1208	1459	-	1459	1459	1459	1
ADAMS RIVER	1E07	1720	27	172	741	839	790	1173	396	793	27
KOSTAL LAKE	1E10P	1770	01	-	911	1100	1055	1100	733	921	13
TROPHY MOUNTAIN	1E03A	1860	26	162	616	694	660E	803	417	604	22
NORTH CLEMINA CREEK	1E13	1860	28	183	756	879	1090	1115	579	891*	9

SOUTH THOMPSON											
ANGLEMONT	1F02	1190	25	17	66	496	110	496	0	233	40
ABERDEEN LAKE	1F01A	1310	01	No Snow		77	0	144	0	37	44
MONASHEE PASS	2E01	1370	28	55	231	442	330	505	67	305	40
BOULEAU LAKE	2F21	1400	26	52	194	384	268	488	95	320	26
ADAMS RIVER	1E07	1720	27	172	741	839	790	1173	396	793	27
KIRBYVILLE LAKE	2A25	1750	27	244	1092	1422	1597	1793	770	1233	26
SILVER STAR MOUNTAIN	2F10	1840	26	157	653	925	819	1135	371	733	39
PARK MOUNTAIN	1F03P	1890	01	-	782	1343	1118	1343	653	956	13
ENDERBY	1F04	1900	28	240	1000	1430	1120	1430	700	1085	35
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

COLUMBIA*May 1, 1998***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1998	1997	1996	Max.	Min.	Normal	
UPPER COLUMBIA											
DOWNIE SLIDE (LOWER)	2A27	980	27	79	350	910	714	910	0	638	21
GLACIER	2A02	1250	27	105	511	820	792	1247	320	719	52
FIELD	2A03A	1280	29	No Snow	119	28	178	0	28	28	45
SUNWAPTA FALLS	AL11	1400	29	11	36	172	172	389	0	152*	27
VERMONT CREEK	2A19	1520	26	77	295	477	448	1026	140	447	32
AZURE RIVER	1E08	1620	29	224	1108	1329	1414	1491	766	1120	28
AZURE RIVER	1E08P	1620	01	203	1208	1459	-	1459	1459	1459	1
DOWNIE SLIDE (UPPER)	2A29	1630	27	275	1230	1744	-	1744	886	1314	19
KICKING HORSE	2A07	1650	29	61	228	406	357	589	63	324	51
KIRBYVILLE LAKE	2A25	1750	27	244	1092	1422	1597	1793	770	1233	26
MOUNT REVELSTOKE	2A06P	1830	01	-	1072	1306	1502	1502	874	1324	5
NORTH CLEMINA CREEK	1E13	1860	28	183	756	879	1090	1115	579	891*	9

FIDELITY MOUNTAIN	2A17	1870	30	215	1063	1514	1650	1986	817	1347	35
BEAVERFOOT	2A11	1890	26	48	135	300	264	495	66A	225	37
KEYSTONE CREEK	2A18	1890	27	166	667	974	948	1372	565	879	32
GOLDSTREAM	2A16	1920	27	243	1102	1367	1488	1781	850	1204	35
BUSH RIVER	2A23	1920	27	147	602	945	-	1392	538	892	30
NIGEL CREEK	AL10	1920	29	81	273	445	601	752	207	430*	28
MOUNT ABBOT	2A14	1980	27	235	1091	1506	1585	1811	853	1383	38
MOLSON CREEK	2A21P	1980	01	-	856	1156	-	1230	746	1093	15
SUNBEAM LAKE	2A22	2010	27	167	630	1021	1187	1562	637	990	31
BOW SUMMIT II	AL07A	2080	29	71	254	450	503	597	201	387*	18
LOWER COLUMBIA											
FERGUSON	2D02	880	29	50	252	652	594	757	160	430	52
FARRON	2B02A	1220	28	50	218	355	208	406	23	235	25
MONASHEE PASS	2E01	1370	28	55	231	442	330	505	67	305	40
WHATSHAN (UPPER)	2B05	1480	28	105	495	898	677	983	255	587	37
BARNES CREEK	2B06	1620	28	97	437	714	574	742	211	499	37
BARNES CREEK	2B06P	1620	01	-	431	818	679	818	463	598*	5
ST. LEON CREEK	2B08	1800	28	245	1123	1485	1557	1974	914	1307	31
ST. LEON CREEK	2B08P	1800	01	-	945	1309	-	1309	861	1193	4
KOCH CREEK	2B07	1860	28	171	715	995	899	1201	391	808	37
RECORD MOUNTAIN	2B09	1890	28	193	840	1028	713	1194	157	823	23
EAST CREEK	2D08P	2030	01	-	708	983	1236	1330	568	907	16
EAST KOOTENAY											

FERNIE EAST	2C07	1250	30	8	34	374	101	541	0	230	46
SINCLAIR PASS	2C01	1370	28	No Snow		127	79	246	0	59	52
MARBLE CANYON	2C05	1520	29	51	195	407	422	612	102	296	51
BRUSH CREEK TIMBER	MT03	1520	28	No Snow		173	33	417	0	153*	47
SULLIVAN MINE	2C04	1550	01	22	91	408	345	518	0	262	52
WEASEL DIVIDE	MT02	1660	01	124	565	1201	1006	1422	348	846*	58
KIMBERLEY (MIDDLE) V O R	2C12	1680	29	30	114	362	267	483	0	238	29
MOUNT JOFFRE	2C16	1750	26	91	336	539	543	772	180	370	29
MORRISSEY RIDGE	2C09Q	1800	01	-	461	-	906	1345	317	784	13
RED MOUNTAIN	MT04	1830	27	66	277	678	526	841	0	446*	60
MOYIE MOUNTAIN	2C10P	1930	01	-	240	-	-	674	18	352*	18
MOYIE MOUNTAIN	2C10	1940	26	73	300	648	462	772	0	460	27
ALLISON PASS	AL01	1980	28	98	394	612	607	838	287	487*	11
WILKINSON SUMMIT (BUSH)	AL03	1980	28	45	163	173	198	279	23	181*	9
THUNDER CREEK	2C17	2010	26	70	221	390	364	556	163	297	29
FLOE LAKE	2C14	2090	26	150	579	1008	1074	1369	511	820	29
FLOE LAKE	2C14P	2090	01	-	548	934	934	934	481	726	3
KIMBERLEY (UPPER) V O R	2C11	2140	29	87	313	674	583	935	188	538	29
HIGHWOOD SUMMIT (BUSH)	AL02	2210	28	96	315	513	544	726	221	464*	33
MOUNT ASSINIBOINE	2C15	2230	26	122	461	684	770	930	366	586	29
SUNSHINE VILLAGE	AL05	2230	29	112	391	716	768	1092	338	646*	31

WEST KOOTENAY											
FERGUSON	2D02	880	29	50	252	652	594	757	160	430	52
NELSON	2D04	930	30	13	64	508	146	508	0	171	42
SANDON	2D03	1070	30	No Snow		237	64	399	0	103	49
CHAR CREEK	2D06	1310	30	81	340	758	437	838	79	484	31
BUNCHGRASS MEADOW	WA01	1520	Not Available			-	559	1219	165	665*	55
GRAY CREEK (LOWER)	2D05	1550	28	87	401	630	432	726	229	471	49
KOCH CREEK	2B07	1860	28	171	715	995	899	1201	391	808	37
MOUNT TEMPLEMAN	2D09	1860	26	190	825	-	1463	1679	785	1167	30
GRAY CREEK (UPPER)	2D10	1910	28	150	656	994	914	1300	518	856	29
EAST CREEK	2D08P	2030	01	-	708	983	1236	1330	568	907	16
KETTLE											
TRAPPING CREEK (LOWER)	2E05	930	03	No Snow		0	0	0	0	-	26
FARRON	2B02A	1220	28	50	218	355	208	406	23	235	25
CARMI	2E02	1250	03	No Snow		74	6	173	0	36	34
TRAPPING CREEK (UPPER)	2E04A	1350	03	No Snow		116	4	116	0	15*	14
MONASHEE PASS	2E01	1370	28	55	231	442	330	505	67	305	40
BIG WHITE MOUNTAIN	2E03	1680	30	103	444	648	510	762	237	474	32
GRANO CREEK	2E07P	1860	01	113	578	-	-	-	-	-	0
BLUEJOINT MOUNTAIN	2E06	2040	28	172	743	1002	787	1186	287	784	22
OKANAGAN											
SUMMERLAND RESERVOIR	2F02	1280	30	11	37	220	127	368	0	141	33

MC CULLOCH	2F03	1280	29	No Snow			7	0	188	0	51	52
ABERDEEN LAKE	1F01A	1310	01	No Snow			77	0	144	0	37	44
OYAMA LAKE	2F19	1340	28	15	53	109	83	185	0	66	28	
POSTILL LAKE	2F07	1370	30	25	91	182Z	184	282	0	144	46	
BOULEAU LAKE	2F21	1400	26	52	194	384	268	488	95	320	26	
VASEUX CREEK	2F20	1400	28	14	52	90	6A	192	0	68	27	
TROUT CREEK	2F01	1430	30	3	7	117	68	386	0	110	50	
ESPERON CR (MIDDLE)	2F14	1430	01	38	160	336	286	551	0	252	28	
BRENDA MINE	2F18	1460	28	51	230	344	272	526	0	234	29	
BRENDA MINE	2F18P	1460	01	-	99	273	235	279	0	179	5	
ISLAHT LAKE	2F24	1480	30	51	213	367	285	399	66	271	16	
GREYBACK RESERVOIR	2F08	1550	28	45	156	247	208	386	0	190	26	
ESPERON CR (UPPER)	2F13	1650	01	68	290	498	350	805	119	385	28	
ISINTOK LAKE	2F11	1680	29	19	62	169	125	437	0	142	33	
MACDONALD LAKE	2F23	1740	28	107	445	548	465	622	198	441	21	
MISSION CREEK	2F05P	1780	01	89	405	-	451	726	140	468	26	
GRAYSTOKE LAKE	2F04	1810	30	72	240	504	328	940	120	431	27	
MOUNT KOBAN	2F12	1810	28	109	424	393	298	597	53	333	32	
WHITEROCKS MOUNTAIN	2F09	1830	04	85	385	629	506	1013	175	529	27	
SILVER STAR MOUNTAIN	2F10	1840	26	157	653	925	819	1135	371	733	39	
SIMILKAMEEN												
BROOKMERE	1C01	980	03	9	34	238	106	419	0	117	51	
FREEZEOUT CREEK TRAIL	WA11	1070	28	18	99	348	15	658	0	183*	46	

LIGHTNING LAKE	3D02	1220	30	43	184	429	287	599	24	255	26
HAMILTON HILL	2G06	1490	29	36	140	399	232	838	0	302	38
MISSEZULA MOUNTAIN	2G05	1550	02	3	9	202	112	323	0	165	33
ISINTOK LAKE	2F11	1680	29	19	62	169	125	437	0	142	33
LOST HORSE MOUNTAIN	2G04	1920	30	58	196	326	284	554	64	248	37
BLACKWALL PEAK	2G03P	1940	01	-	623	1121	926	1566	375	886	30
HARTS PASS	WA09	1980	28	229	1044	1425	1219	1847	531	1158	54

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

COASTAL

May 1, 1998

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1998	1997	1996	Max.	Min.	Normal	
SOUTH COASTAL											
PALISADE LAKE	3A09	880	27	230	1100	1533	-	2852	0	1595	45
PALISADE LAKE	3A09P	880	Not Available			-	-	-	-	-	0
POWELL RIVER (LOWER)	3A05	910	Not Measured			-	-	585B	183	305*	3
CHAPMAN CREEK	3A26	1022	01	271	1430	1506	756	1710	756	1219	5
CALLAGHAN CREEK	3A20	1040	30	124	650	990	320	1565	256	933	20
POWELL RIVER (UPPER)	3A02	1040	Not Measured			-	-	1712	533	881*	5
EDWARDS LAKE	3A27	1070	01	183	960	1176	400	1180	400	841*	5
DOG MOUNTAIN	3A10	1080	30	192	970	1475	404	1475	122	1384	14
GROUSE MOUNTAIN	3A01	1100	30	235	1140	1614	638	2426	120	1303	48
ORCHID LAKE	3A19	1190	27	365	1907	1985	-	3721	900	2210	25
ORCHID LAKE	3A19P	1190	Not Measured			-	-	2889	1058	2000	13

UPPER SQUAMISH RIVER	3A25P	1340	01	340	1571	1766	1324	1886	1153	1647	8
DIAMOND HEAD	3A21	1420	29	298	1394	1802	1186	1982	935B	1532	21
NOSTETUKO RIVER	3A22P	1500	Not Measured			549	555	780	207	494*	8
UPPER MOSELY CREEK	3A24P	1650	01	-	143	226	286	494	158	240	9
TATLAYOKO LAKE	3A13	1710	02	37	117	215	273	544	69	234	34
VANCOUVER ISLAND											
ELK RIVER	3B04	270	29	No Snow		0	0	0	0	-	20
WOLF RIVER (LOWER)	3B19	640	29	29	158	196	0	798	0	224	28
TENNENT LAKE	3B22	950	Not Available			1238	384	1238	0	998	13
UPPER THELWOOD LAKE	3B10	980	29	321	1660	1822	734	2766	644	1672	37
MARGARET LAKE	3B21	1040	30	428	1976	1974	1330	2740	632	2013	22
WOLF RIVER (MIDDLE)	3B18	1070	29	166	788	634	122	1229	0	611	27
FORBIDDEN PLATEAU	3B01	1130	29	356	1805	1595	832	2728	448	1688	41
JUMP CREEK	3B23P	1160	01	190	1043	1545	360	1545	360	953*	2
MOUNT COKELY	3B02A	1190	01	175	904	948	450	1494	274	912	18
SPROAT LAKE	3B20	1220	30	349	1558	1955	1060	2415	613	1746	22
SNO-BIRD LAKE	3B16	1400	29	279	1417	1655	665	2367	294	1395	31
WOLF RIVER (UPPER)	3B17P	1490	01	-	1847	1420	1061	1888	701	1388	10

NORTH COASTAL											
WEDEENE RIVER SOUTH	3C07	300	30	No Snow		249	25	249	0	74*	13
TAHTSA LAKE	1B02	1300	06	213	1090	1424	1286	1770	701	1202	46
TAHTSA LAKE	1B02P	1300	01	-	1375	1658	-	1658	866	1295	5
BURNT BRIDGE CREEK	3C08P	1330	01	-	589	-	-	-	-	-	0
SKAGIT											
SUMALLO RIVER WEST	3D01C	790	29	No Snow		348	0	348	0	58*	6
FREEZEOUT CREEK TRAIL	WA11	1070	28	18	99	348	15	658	0	183*	46
BEAVER PASS	WA12	1120	30	119	569	1074	348	1590	135	763*	49
KLESILKWA	3D03A	1130	30	No Snow		349	0	752	0	176	25
LIGHTNING LAKE	3D02	1220	30	43	184	429	287	599	24	255	26
HARTS PASS	WA09	1980	28	229	1044	1425	1219	1847	531	1158	54
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NORTH*May 1, 1998***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1998	1997	1996	Max.	Min.	Normal	
PEACE											
PACIFIC LAKE	1A11	770	28	66	300	735	265	950	93	558	33
BULLHEAD MOUNTAIN	4A28	790	01	No Snow	0	0	0	0	0	-	13
MC LEOD LAKE	4A01	980	29	3	8	238	66	267	0	102	38
WARE (LOWER)	4A04	980	30	26	78	119	172	229	0	139	32
PHILIP LAKE	4A13	980	29	40	132	329	202	406	0	228	34
AIKEN LAKE	4A30P	1040	01	-	131	191	263	276	71	171*	11
TUTIZZI LAKE	4A06	1070	29	29	102	126	193	325	0	173	34
TSAYDAYCHI LAKE	4A12	1160	29	86	322	472	465	625	168	381	35
PINK MOUNTAIN	4A14	1170	02	4	10	86	151	151	0	48	34
KAZA LAKE	1A12	1190	29	84	294	375	412	470	201	337	32
PULPIT LAKE	4A09	1310	30	100	301	374	487	560	287	417	33
PULPIT LAKE	4A09P	1310	01	-	356	387	500	500	308	407	7
FREDRICKSON LAKE	4A10	1310	29	45	128	220	324	358A	138	237	34
PINE PASS	4A02P	1400	01	-	1030	1262	-	1537	1088	1221	6
TRYGVE LAKE	4A11	1400	29	100	311	339	467	495	272	381	34

SIKANNI LAKE	4C01	1400	30	64	191	240	343	360	115	261	34
PINE PASS	4A02	1430	28	271	1236	1365	1474	1732	681	1222	37
MORFEE MOUNTAIN	4A16	1450	28	164	741	935	939	1181	410	830	27
LADY LAURIER LAKE	4A07	1460	30	132	470	503	686	747	305	529	35
MOUNT SHEBA	4A18	1490	28	167	718	1251	889	1251	503	865	29
GERMANSEN (UPPER)	4A05	1500	29	96	307	410	388	597	181	350	36
MOUNT STEARNS	4A21	1500	30	52	106	140	271	271	0	161	24
JOHANSON LAKE	4B02	1540	29	79	270	289	418	418	143	299	35
MONKMAN CREEK	4A20	1550	28	116	449	725	-	1016	329	649	21
WARE (UPPER)	4A03	1570	30	105	290	245	402	402	141	260	34
BULLMOOSE CREEK	4A31	1570	06	71	297	592	608A	695	294	516*	10
KWADACHA RIVER	4A27	1620	30	124	358	-	-	506	290	400	13
KWADACHA RIVER	4A27P	1620	Not Measured			325	427	476	259	370	12
SKEENA/NASS											
BEAR PASS	4B11A	460	29	56	256	494Z	360	859	360	637	13
NINGUNSAW PASS	4B10	690	01	No Snow		276Z	243	547	0	254	22
GRANDUC MINE	4B12	790	04	262	1264	-	1321	2095	1213	1554	16
MCKENDRICK CREEK	4B07	1050	29	50	201	350	229	422	80	254	30
TACHEK CREEK	4B06	1140	29	43	148	318	234	318	69	174	28
KAZA LAKE	1A12	1190	29	84	294	375	412	470	201	337	32

LU LAKE	4B15	1300	01	62	196	444	356	444	180	279	18
LU LAKE	4B15P	1310	01	-	176	-	-	-	-	-	0
TSAI CREEK	4B17P	1360	01	-	1155	-	-	-	-	-	0
KIDPRICE LAKE	4B01	1370	06	136	746	1173	1094	1367	551	919	46
TRYGVE LAKE	4A11	1400	29	100	311	339	467	495	272	381	34
EQUITY MINE	4B14	1420	30	93	310	620	480	620	212	345	20
CHAPMAN LAKE	4B04	1460	29	115	446	689	657	749	308	485	32
HUDSON BAY MTN.	4B03A	1480	28	115	465	707	598	787	363	532	26
MOUNT CRONIN	4B08	1480	29	154	600	807	723	1125	422	670	29
SHEDIN CREEK	4B16P	1480	01	158	851	1065	1140	1140	1065	1103	2
JOHANSON LAKE	4B02	1540	29	79	270	289	418	418	143	299	35
LIARD											
WATSON LAKE A	YK01	700	28	No Snow		4	85	145	0	31*	27
FRANCES RIVER	YK02	730	28	No Snow		44	85	237	0	71*	21
DEASE LAKE	4C03	820	Not Measured			-	80	178	0	55	32
BLUFF CREEK	4C11P	1040	Not Measured			-	222	222	0	89	4
SUMMIT LAKE	4C02	1280	28	No Snow		0	0	200A	0	48*	32
DEADWOOD RIVER	4C09P	1300	01	-	67	85	207	207	27	123*	4
CASSIAR	4C04	1390	Not Measured			-	-	484	79	308	31
SIKANNI LAKE	4C01	1400	30	64	191	240	343	360	115	261	34
STIKINE/ TAKU											
SPEEL RIVER	AK03	80	27	53	183	615	323	1240	51	676*	32
FORREST- KERR CREEK	4D08P	560	01	-	219	445	439	469	323	414*	6

TELEGRAPH CREEK	4D01	580	Not Measured			0	14	163	0	28*	23
NINGUNSAW PASS	4B10	690	01	No Snow		276Z	243	547	0	254	22
DEASE LAKE	4C03	820	Not Measured			-	80	178	0	55	32
KINASKAN LAKE	4D11P	1020	01	-	226	280	314	487	216	376	7
TUMEKA CREEK	4D10P	1220	01	-	482	482	655	838	463	578	8
WADE LAKE	4D14P	1370	01	-	314	-	463	546	187	405	6
UPPER STIKINE	4D13P	1450	01	-	445	439	552	707	421	517	8
YUKON											
LOG CABIN	4E01	880	24	86	324B	285Z	303	531	173	318	40
PINE LK AIRSTRIP	YK03	1010	27	63	212	175	183	327	89	185*	22
MONTANA MTN.	YK05	1020	24	32	80B	-	-	191	0	105*	17
TAGISH	YK04	1080	25	34	92	105	150	205	0	105*	22
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