

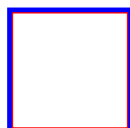
Banner

March 1, 1999Fraser
Basin
Snow[Fraser Basin Snow Survey Measurements](#)**UPPER FRASER AND NECHAKO**

Precipitation and mean temperatures throughout the upper Fraser and Nechako basins were above normal during February. The total precipitation measured at Environment Canada weather stations in the upper Fraser since the beginning of November is 14% above normal.

The regional snow water equivalent index for the upper Fraser is now estimated to be 21% above normal, slightly higher than a month ago. In the Nechako Reservoir basin the index has increased from 11% above normal a month ago to 23% above normal at this date. The snowpack, although above normal, is well below previously recorded amounts.

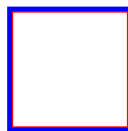
The mean flow in the Fraser River at Marguerite continued to be below normal during February

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

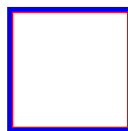
Mean temperatures about 3°C above normal and above normal precipitation during February have increased the snowpack in the middle Fraser and lower Fraser basins to record levels. Several long term snow stations report their highest ever March 1 totals - e.g. Mount Timothy (1C17) in the headwaters of the Williams Lake River which has a 36-year record at this date and Duffey Lake (1C28) between Lillooet and Pemberton which has a 20-year March 1 record.

The flow in the Fraser River at Hope was below normal during February, continuing the trend noted all winter. This is probably a result of the warm dry weather last summer. River levels during the freshet are largely determined by the weather patterns during the main mountain snowmelt period in May and June. However, with the very high snowpacks in the Thompson, middle and lower Fraser basins and above normal snowpacks in the upper Fraser there is a very real possibility that rivers could reach damaging levels unless the snowmelt is gradual.

The River Forecast Centre will continue to monitor the situation as the season progresses.

[Data Graphs](#)

NORTH AND SOUTH THOMPSON

[Data Graphs](#)

February saw a continuation of the relatively mild and wet weather that has characterized the winter. Cumulative precipitation measured at Environment Canada weather stations since the beginning of November remains above normal.

The precipitation has caused considerably greater than normal accumulations during February with the result that most snowcourses in the North Thompson report record high water equivalents for March 1st. For example, Adams River (1E07) has 115 mm more water equivalent than its previous recorded highest reading in March 1974. Fewer record readings are reported in the South Thompson River basin, but the overall snowpack is one of the largest ever recorded at this time of year. Regional snowpack indices for the North and South Thompson basins are estimated to be 46 and 48% above normal for this date, respectively.

With record level snowpacks, there is an increased risk of damaging flooding occurring on the main stem rivers and lakes in the basin. However, the peak flows are dependent to a large extent on the weather patterns during the main melt period in May and June. A gradual melt would result in high river flows, but probably below damaging levels while a rapid melt could create problems.

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March 1, 1999

Columbia
Basin
Snow

[Columbia Basin Snow Survey Measurements](#)

UPPER AND LOWER COLUMBIA

Temperatures of about 2°C above normal and precipitation that was a third greater than normal have resulted in a snowpack that continues to be about 35% above normal for this date. Snowpacks in the upper Columbia are above normal while those in the lower Columbia are at record-setting levels. For example, both Barnes Creek (2B06) and St. Leon Creek (2B08) which have 37 and 30-year records for this sampling period report record high water equivalents, surpassing the previous high marks set in 1972.

The natural flow as represented by the Columbia River at Donald was slightly above normal during February.

Much of the main stem Columbia River is controlled by large dams and should not be subject to damaging flows. However, uncontrolled sections and tributary creeks could see very high flows this spring if the snowmelt is rapid.

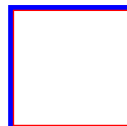
Data
Graphs

[Data Graph](#)

EAST AND WEST KOOTENAY

Snowpacks in the Kootenays have accumulated at a greater than normal rate during February. The regional snow water equivalent index has increased from 37% above normal last month to 43% above normal at this measuring period. This is about 20% higher than was reported at this time in 1997, a high runoff year. A few long term stations report new record high readings including the relatively low level Ferguson (2D02) which has a 47-year record of measurements for March 1.

The natural flow as indicated by the Kootenay River at Fort Steele was close to normal during February. The well above normal snowpack means that uncontrolled snowmelt-fed streams throughout the region are vulnerable to flood flows if there is a rapid melt this spring.



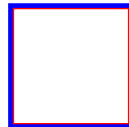
[Data Graphs](#)

OKANAGAN, SIMILKAMEEN AND KETTLE

Mean monthly temperatures over 3°C above normal in February, combined with near normal precipitation have kept the snowpack throughout the region at well above normal levels for this date. Relatively few long-term stations set new records, but Whiterocks Mtn. (2F09) which has a 43-year record reports 24 mm of water more than has previously been recorded at this date.

In the Similkameen basin, the snowpack is estimated to be about 43% above normal, similar to that reported a month ago. Most long term courses have lower water equivalents than those reported in 1972 which produced the flood of record on this river, but are higher than those which occurred two years ago. A rapid melt could result in high flows throughout the basin.

Inflow to Okanagan Lake this spring is expected to be about one third greater than normal and the lake is being drawn down in preparation for this. It is anticipated that there will be sufficient storage that the lake can be regulated within its normal levels.



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March 1, 1999

**Snow
Survey
Measurem**

[Coastal Basin Snow Survey Measurements](#)

SOUTH COASTAL AND VANCOUVER ISLAND

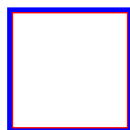
February was a big month for rain and snowfall in the South Coast region, and the March 1 snowpack is very much above normal. Most snow courses report record water content, including Grouse Mountain (3A01) with 48 years of March 1 samples. Total precipitation for the winter months continues to be well above normal.

On Vancouver Island, precipitation and snow data continues to follow the same trends as the South Coast. Inclement weather has prevented sampling at most or all Vancouver Island snow courses for the March 1 sample period, but other information from ski areas, highways, etc. clearly indicates a very large snowpack. Precipitation at weather stations on the Island was more than double the normal for February, and the winter total is very high.

It is interesting to note that a number of the snow pillow stations in the South Coast and Vancouver Island region are not functioning properly. In some cases this is because the snow depths are much greater than ever experienced at these sites and solar panels and sensors have been buried.

Mean monthly temperatures for the South Coast and Vancouver Island were 0.2°C above normal for February.

Regional runoff as represented by inflow to Upper Campbell Lake on Vancouver Island was just above normal for February.



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March 1, 1999

Snow
Survey
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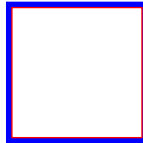
[Northern Basins Snow Survey Measurements](#)

NORTHEASTERN

Most snow courses in the Peace River basin had greater than normal accumulation in February. The March 1 water contents are above normal in the south part of the basin, and below normal in the northern part. The Liard basin has relatively few stations sampled, mostly around the perimeter of the basin, and based on these, the overall snowpack appears to be near normal.

Monthly precipitation for February was well above normal in the Peace and below normal in the Liard. February mean monthly temperatures for northeastern BC averaged 1.4°C above normal.

Williston Lake had 122% of normal February inflow, continuing the above average flows of the last two months.



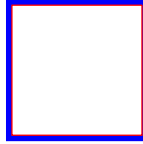
[Data Graphs](#)

NORTHWESTERN

In the Skeena/Nass region, snow survey stations vary from above normal to below normal, except for the low elevation snow course at Terrace. In the Stikine, water contents are lower than normal for March 1. The low elevation snowcourse at Speel River has a very high reading, similar to Terrace. Farther north in the Yukon River basin, water equivalents for March 1 are well below normal.

Monthly precipitation measured at weather stations in northwestern BC during February was highly variable as compared to normal, and the monthly mean temperatures in northwestern BC averaged 0.3°C below normal monthly values.

Flow in the Skeena River at Usk was 85% of normal for February, continuing the below normal trend of recent months.



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FRASER

March 1, 1999

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1999	1998	1997	Max.	Min.	Normal	
UPPER FRASER											
PRINCE GEORGE A	1A10	690	23	59	176	50	188	296	33	142	37
PACIFIC LAKE	1A11	770	28	221	749	428	677	832	277	544	36
BURNS LAKE	1A16	800	04	67	178	130	240	240	60	136	27
CANOE RIVER	2A01A	910	26	59	139	64	119	251	32	133	58
PHILIP LAKE	4A13	980	26	120	334	222	352	382	152	249	35
HEDRICK LAKE	1A14	1100	28	236	852	463	729	954	330	588	31
BIRD CREEK	1A23	1180	26	60	160	100	232	232	100	140*	9
KAZA LAKE	1A12	1190	26	116	306	275	326	478	186	282	33
LU LAKE	4B15	1300	23	89	240	206	406	406	172	274	20
FORFAR CREEK (UPPER)	1A24	1410	03	175	546	472	648	648	408	509*	5
EQUITY MINE	4B14	1420	23	104	308	314	514	514	234	302	21
MOUNT SHEBA	4A18	1490	28	263	926	601	901	1037	394	697	28
BARKERVILLE	1A03	1520	28	129	433	206	-	467	191	323	47
BARKERVILLE	1A03P	1520	01	-	443	225	375	479	194	324	20
MC BRIDE (UPPER)	1A02	1580	25	140	452	249	362	594	182	389	45
KNUDSEN LAKE	1A15	1580	28	236	828	570	679	1098	422	772	28
NARROW LAKE	1A21	1650	26	266	1052	649	939	1300	419	739	24
REVOLUTION CREEK	1A17P	1690	01	-	810	496	654	1119	496	759	13
LONGWORTH (UPPER)	1A05	1740	28	217	822	576	870	1104	307	637	41

DOME MOUNTAIN	1A19	1820	25	215	822	472	689	981	351	680	25
MARMOT JASPER	AL12	1830	01	102	264	144	213	314	111	206*	15
YELLOWHEAD	1A01	1860	25	198	627	313	414	660	185	438	28
YELLOWHEAD	1A01P	1860	01	-	720	368	439	439	368	404*	2
HOLMES RIVER	1A18	1900	25	209	716	474	571	910	321	642	25
NECHAKO											
SKINS LAKE	1B05	880	25	48	116	102	168	226	54	119	35
TAHTSA LAKE	1B02	1300	25	409	1381	994	1019	1405	571	980	47
TAHTSA LAKE	1B02P	1300	01	-	1512	1143	1158	1198	661	1032*	5
KIDPRICE LAKE	4B01	1370	25	267	831	673	838	1101	429	773	47
MOUNT PONDOSY	1B08P	1400	01	-	899	701	799	887	405	706*	6
MOUNT WELLS	1B01	1490	26	144	497	392	555	886	277	455	46
MOUNT WELLS	1B01P	1490	01	-	482	430	607	607	396	493	6
NUTLI LAKE	1B07	1490	26	150	499	384	511	651	304	504*	8
MOUNT SWANNELL	1B06	1620	26	105	336	186	323	446	186	270*	10
MIDDLE FRASER											
PUNTZI MOUNTAIN	1C22	940	01	29	52	18	66	128	0	62	28
BROOKMERE	1C01	980	03	108	260	183	289	351	53	200	54
NAZKO	1C08	1070	03	43	112	25	107	155	0	83	22
BIG CREEK	1C21	1140	25	22	44	30	40	112	0	54	27
GRANITE MOUNTAIN	1C33	1150	26	77	207	94	254	254	94	181*	6
DUFFY LAKE	1C28	1200	28	240	762	418	556	606	194	442	20
PAVILION	1C06	1230	05	29	70	60Z	89	168	0	82	42
LAC LE JEUNE (LOWER)	1C07	1370	24	59	145	94	163	244	20	112	40
CONANT LAKE	1C31	1370	27	83	236	176	267	267	102	196	16
BRIDGE GLACIER (LOWER)	1C39	1400	02	296	954	588	476	620	476	569*	4
DEADMAN RIVER	1C32	1430	28	49	150	62	110	170	62	112	15
BRALORNE	1C14	1450	02	111	297	150	212	363	0	166	35
BONAPARTE LAKE	1C34	1450	25	121	360	192	312	312	192	272*	6

SHOVELNOSE MOUNTAIN	1C29	1450	27	123	398	229	309	309	104	258	18
BOSS MOUNTAIN MINE	1C20P	1460	01	200	735	435	604	619	435	503	5
LAC LE JEUNE (UPPER)	1C25	1460	24	77	210	137	213	213	13A	141	26
BRENDA MINE	2F18	1460	24	114	334	238	337	495	130	292	30
BRENDA MINE	2F18P	1460	01	-	431	263	412	427	220	329	6
HIGHLAND VALLEY	1C09A	1510	25	51	118	87	149	229	25A	95	33
BARKERVILLE	1A03	1520	28	129	433	206	-	467	191	323	47
BARKERVILLE	1A03P	1520	01	-	443	225	375	479	194	324	20
HORSEFLY MOUNTAIN	1C13A	1550	28	176	582	300	536	624	238	379	27
GNAWED MOUNTAIN	1C19	1580	25	63	150	102	147	259	15	123	31
GREEN MOUNTAIN	1C12	1630	Not Measured			-	514	909	196	554	34
MOUNT TIMOTHY	1C17	1660	24	137	468	157	362	439	141	285	36
YANKS PEAK EAST	1C41P	1670	01	224	900	611	818	818	611	715*	2
PENFOLD CREEK	1C23	1680	26	315	1126	782	970	1132	494	816	24
YANKS PEAK	1C24	1710	26	247	920	544	755	964	366	653	25
GREEN MOUNTAIN	1C12P	1780	01	-	1259	786	704	923	690	798*	5
MCGILLIVRAY PASS	1C05	1800	02	261	830	550	574	1016	222	512	47
MISSION RIDGE	1C18P	1850	01	-	860	411	500	866	269	529	12
DOWNTON LAKE (UPPER)	1C38	1890	02	359	1250	780	662	964	662	834*	4
TYAUGHTON CREEK (NORTH)	1C40	1950	02	255	916	368	416	420	368	398*	4
PAVILION MOUNTAIN	1C36	1960	Not Measured			-	248	248	197	225*	3
BRALORNE (UPPER)	1C37	1980	02	273	944	448	612	748	448	611*	4
LOWER FRASER											

WOLVERINE CREEK	1D13	300	01	19	92	0	232	232	0	139	23
SUMMALLO RIVER WEST	3D01C	790	04	126	402	210	442	442	79	192*	7
BROOKMERE	1C01	980	03	108	260	183	289	351	53	200	54
DISAPPOINTMENT LAKE	1D18P	1040	Not Available			-	1284	1746	1284	1515*	2
CALLAGHAN CREEK	3A20	1040	27	397	1470A	772	720	1260	200	853	21
DICKSON LAKE	1D16	1070	Not Measured			1330	-	1358	542	1030*	7
DOG MOUNTAIN	3A10	1080	26	538	2146	931	1170	1197	345	1011	15
BEAVER PASS	WA12	1120	26	381	1298	632	924	1240	30	648*	50
KLESILKWA	3D03A	1130	26	161	492	221	508	759	0	283	48
DUFFEY LAKE	1C28	1200	28	240	762	418	556	606	194	442	20
STAVE LAKE	1D08	1210	02	660	2500A	1511	1190A	2047A	353	1335	32
WAHLEACH LAKE	1D09	1400	26	244	782	533	604	1072	86	521	32
WAHLEACH LAKE	1D09P	1400	Not Measured			850	1213	1213	646	810*	7
NAHATLATCH RIVER	1D10	1520	02	625	2380A	1230	975	1897	450	1193	30
EASY PASS	WA13	1580	Not Available			-	2388	2913	478	1680*	35
CHILLIWACK RIVER	1D17P	1600	Not Measured			1096	1567	1567	827	1338	6
GREAT BEAR	1D15P	1660	Not Measured			1393	1669	1752	708	1254	8
TENQUILLE LAKE	1D06	1680	01	433	1568	1092	940	1539	410	973	45
NORTH THOMPSON											
BLUE RIVER	1E01B	670	02	123	338	210	411	411	210	291	16
KNOUFF LAKE	1E05	1200	28	59	145	98	166	284	36	134	40
COOK FORKS	1E06	1390	28	338	1180A	625	880	1288	453	782	36
BOSS MOUNTAIN MINE	1C20P	1460	01	200	735	435	604	619	435	503	5
MOUNT COOK	1E02A	1580	27	419	1550A	989	1142	1311	573	1024	25
AZURE RIVER	1E08	1620	26	361	1274	935	911	1262	475	875	25
AZURE RIVER	1E08P	1620	01	336	1335	1001	923	1001	923	962*	2
ADAMS RIVER	1E07	1720	23	241	892	513	650	777	262	564	28
KOSTAL LAKE	1E10P	1770	01	-	1019	715	822	887	519	721	14

TROPHY MOUNTAIN	1E03A	1860	28	214	778	440	566	619	281	447	24
NORTH CLEMINA CREEK	1E13	1860	25	246	858	619	554	899	355	691*	10
SOUTH THOMPSON											
ANGLEMONT	1F02	1190	01	126	416	222	494	635	200	332	42
ABERDEEN LAKE	1F01A	1310	23	55	139	119	218	231	51	144	45
MONASHEE PASS	2E01	1370	26	121	378	279	-	442	149	301	39
BOULEAU LAKE	2F21	1400	23	114	352	216	360	432A	165	296	28
ADAMS RIVER	1E07	1720	23	241	892	513	650	777	262	564	28
KIRBYVILLE LAKE	2A25	1750	01	382	1476	937	995	1342	526	935	25
SILVER STAR MOUNTAIN	2F10	1840	28	236	844	549	764	912	361	607	40
PARK MOUNTAIN	1F03P	1890	01	-	968	610	1021	1021	559	707	14
ENDERBY	1F04	1900	26	317	1200	811	1028	1160	523	831	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

March 1, 1999

Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1999	1998	1997	Max.	Min.	Normal	
UPPER COLUMBIA											
CANOE RIVER	2A01A	910	26	59	139	64	119	251	32	133	58
DOWNIE SLIDE (LOWER)	2A27	980	04	294	1018	464	792	852	378	665	21
GLACIER	2A02	1250	24	241	780	527	692	952	251	633	59
FIELD	2A03A	1280	01	72	184	108	248	248	53	158	59
SUNWAPTA FALLS	AL11	1400	03	104	262	140	208	277	79	172*	27
VERMONT CREEK	2A19	1520	26	196	598	307	446	643	152	409	32
AZURE RIVER	1E08	1620	26	361	1274	935	911	1262	475	875	25
AZURE RIVER	1E08P	1620	01	336	1335	1001	923	1001	923	962*	2
DOWNIE SLIDE (UPPER)	2A29	1630	04	494	2120	1080	-	1524	666	1048	19
KICKING HORSE	2A07	1650	01	127	380	230	382	462	178	313	52
KIRBYVILLE LAKE	2A25	1750	01	382	1476	937	995	1342	526	935	25
MOUNT REVELSTOKE	2A06P	1830	01	-	1487	918	1091	1254	537	997	5
NORTH CLEMINA CREEK	1E13	1860	25	246	858	619	554	899	355	691*	10

FIDELITY MOUNTAIN	2A17	1870	26	388	1401	943	1126	1703	534	1068	36
BEAVERFOOT	2A11	1890	26	83	206	126	258	333	94	200	37
KEYSTONE CREEK	2A18	1890	04	338	1277	559	-	1013	366	690	30
GOLDSTREAM	2A16	1920	01	363	1288	866	950	1351	553	943	35
BUSH RIVER	2A23	1920	04	259	1033	552	641	1078	281	712	31
NIGEL CREEK	AL10	1920	02	179	607	265	302	655	135	367*	27
MOUNT ABBOT	2A14	1980	28	402	1424	886	1040	1448	508	1046	39
MOLSON CREEK	2A21P	1980	Not Measured			770	810	1109	437	889	16
SUNBEAM LAKE	2A22	2010	04	303	1117	572	747	1090	389	777	31
MIRROR LAKE	AL06	2030	24	102	312	201	318	483	124	260*	32
BOW SUMMIT II	AL07A	2080	24	140	447	239	320	533	124	321*	19
LOWER COLUMBIA											
FERGUSON	2D02	880	25	249	796	437	668	692	332	521	47
BAIRD	WA02	980	24	91	249	188	368	368	0	182*	40
FARRON	2B02A	1220	24	120	323	295	405	450	79	301	26
MONASHEE PASS	2E01	1370	26	121	378	279	-	442	149	301	39
WHATSHAN (UPPER)	2B05	1480	26	263	918	579	-	881	340	573	37
BARNES CREEK	2B06	1620	26	178	634	384	-	605	251	430	37
BARNES CREEK	2B06P	1620	01	-	623	330	682	682	330	485*	5
ST. LEON CREEK	2B08	1800	26	428	1656	1001	-	1590	658	1052	30
ST. LEON CREEK	2B08P	1800	01	-	1392	900	1020	1020	554	969	5
KOCH CREEK	2B07	1860	26	280	996	620	-	846	269	605	35
RECORD MOUNTAIN	2B09	1890	27	308	1136	647	798	900	147	629	24
EAST CREEK	2D08P	2030	01	-	1110	618	698	1167	312	786	18

EAST KOOTENAY											
KISHENEHN	MT01	1190	25	81	241	157	320	399	36	213*	53
FERNIE EAST	2C07	1250	02	124	370	216	424	584	61	333	48
UPPER ELK RIVER	2C06	1340	25	57	150	74	192	330	3A	136	49
SINCLAIR PASS	2C01	1370	01	43	109	74	193	262	48	131	52
MARBLE CANYON	2C05	1520	28	131	389	250	382	579	152	323	52
BRUSH CREEK TIMBER	MT03	1520	25	79	193	107	249	432	86	227*	47
SULLIVAN MINE	2C04	1550	26	130	399	164	402	465	53	279	53
WEASEL DIVIDE	MT02	1660	24	269	904	564	909	1257	254	747*	40
KIMBERLEY (MIDDLE) V O R	2C12	1680	25	117	309	144	357	386	97	259	30
MOUNT JOFFRE	2C16	1750	26	134	434	252	-	551	140	316	27
MORRISSEY RIDGE	2C09Q	1800	01	-	739	473	787	1074	414	626	15
MOYIE MOUNTAIN	2C10P	1930	01	153	653	296	-	579	149	320*	19
ALLISON PASS	AL01	1980	02	157	556	284	559	625	267	424*	16
THUNDER CREEK	2C17	2010	26	108	326	139	320	378	91	230	29
FLOE LAKE	2C14	2090	26	264	910	454	710	993	319	636	29
FLOE LAKE	2C14P	2090	01	-	889	435	660	716	254	560	4
KIMBERLEY (UPPER) V O R	2C11	2140	25	179	540	234	499	696	163	413	30
HIGHWOOD SUMMIT (BUSH)	AL02	2210	23	126	361	234	353	455	150	330*	20
MOUNT ASSINIBOINE	2C15	2230	26	204	644	328	504	680	213	434	29
SUNSHINE VILLAGE	AL05	2230	24	198	696	345	488	770	254	492*	28

WEST KOOTENAY											
DUNCAN LAKE NO. 2	2D07A	650	26	63	209	72	263	263	72	143*	8
FERGUSON	2D02	880	25	249	796	437	668	692	332	521	47
NELSON	2D04	930	26	160	482	345	558	558	140	355	59
SANDON	2D03	1070	26	143	475	302	403	434	239	343	22
CHAR CREEK	2D06	1310	28	245	752	401	698	754	234	487	31
BUNCHGRASS MEADOW	WA01	1520	Not Available			-	-	843	427	581*	13
GRAY CREEK (LOWER)	2D05	1550	23	164	518	324	577	663	201	390	50
ARROW CREEK	2D11	1620	02	282	991	600	897	897	442	616	19
KOCH CREEK	2B07	1860	26	280	996	620	-	846	269	605	35
MOUNT TEMPLEMAN	2D09	1860	26	349	1308	744	-	1534	516	909	30
GRAY CREEK (UPPER)	2D10	1910	23	242	862	484	840	955	356	647	30
EAST CREEK	2D08P	2030	01	-	1110	618	698	1167	312	786	18
KETTLE											
TRAPPING CREEK (LOWER)	2E05	930	28	50	150	98	178	224	44	128	33
FARRON	2B02A	1220	24	120	323	295	405	450	79	301	26
GOAT CREEK	WA04	1220	24	84	206	173	226	300	0	163*	36
CARMI	2E02	1250	28	55	152	154	196	274	56	147	36
TRAPPING CREEK (UPPER)	2E04A	1350	27	79	250	182	252	252	120	200	16
MONASHEE PASS	2E01	1370	26	121	378	279	-	442	149	301	39
SUMMIT G.S.	WA05	1400	24	102	251	196	277	305	63	190*	35
BIG WHITE MOUNTAIN	2E03	1680	27	186	590	396	530	676	213	403	33
GRANO CREEK	2E07P	1860	01	167	634	439	-	439	439	439*	1

OKANAGAN											
SUMMERLAND RESERVOIR	2F02	1280	23	90	251	154	279	381	97	213	38
MC CULLOCH	2F03	1280	25	64	169	152	193	249	71	156	59
ABERDEEN LAKE	1F01A	1310	23	55	139	119	218	231	51	144	45
OYAMA LAKE	2F19	1340	27	70	191	150	241	241	73	151	29
POSTILL LAKE	2F07	1370	26	78	230	165	272	274	98	179	49
BOULEAU LAKE	2F21	1400	23	114	352	216	360	432A	165	296	28
VASEUX CREEK	2F20	1400	01	46	120	124	176	284	71A	139	28
TROUT CREEK	2F01	1430	25	82	238	140	209	335	55	165	59
BRENDA MINE	2F18	1460	24	114	334	238	337	495	130	292	30
BRENDA MINE	2F18P	1460	01	-	431	263	412	427	220	329	6
ISLAHT LAKE	2F24	1480	24	145	498	318	400	400	214	297	17
GREYBACK RESERVOIR	2F08	1550	01	88	244	171	306	312	91	195	32
ESPERON CR (UPPER)	2F13	1650	28	167	554	296	490	635	157	364	30
ISINTOK LAKE	2F11	1680	24	79	211	108	169	358	53	161	34
MACDONALD LAKE	2F23	1740	24	175	586	329	436	512	170	377	22
MUTTON CREEK NO. 1	WA07	1740	24	196	589	399	396	571	0	305*	55
MISSION CREEK	2F05P	1780	01	164	608	338	-	610	213	380	27
GRAYSTOKE LAKE	2F04	1810	01	136	440	214	416	605	148	337	21
MOUNT KOBAN	2F12	1810	28	137	411	324Z	360	488	61	265	33
WHITEROCKS MOUNTAIN	2F09	1830	26	245	809	454	582	787	180	489	43
SILVER STAR MOUNTAIN	2F10	1840	28	236	844	549	764	912	361	607	40
SIMILKAMEEN											

BROOKMERE	1C01	980	03	108	260	183	289	351	53	200	54
FREEZEOUT CREEK TRAIL	WA11	1070	27	178	510	256	414	615	15	272*	50
LIGHTNING LAKE	3D02	1220	28	164	497	277	422	478	51	258	25
HAMILTON HILL	2G06	1490	01	136	403	222	396	676	127	336	37
MISSEZULA MOUNTAIN	2G05	1550	27	100	300	156	259	363	76	223	35
ISINTOK LAKE	2F11	1680	24	79	211	108	169	358	53	161	34
LOST HORSE MOUNTAIN	2G04	1920	Not Measured			167	252	508	92	193	37
BLACKWALL PEAK	2G03P	1940	01	-	1200	578	892	1323	213	755	31
HARTS PASS	WA09	1980	25	444	1369	866	1069	1636	312	943*	48

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E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE

COASTAL*March 1, 1999***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1999	1998	1997	Max.	Min.	Normal	
SOUTH COASTAL											
PALISADE LAKE	3A09	880	Not Measured		1148	1281	1961A	95	1199	44	
PALISADE LAKE	3A09P	880	Not Available		-	-	-	-	-	0	
CHAPMAN CREEK	3A26	1022	Not Available		1412	-	1412	662	1041*	5	
CALLAGHAN CREEK	3A20	1040	27	397	1470A	772	720	1260	200	853	21
DOG MOUNTAIN	3A10	1080	26	538	2146	931	1170	1197	345	1011	15
GROUSE MOUNTAIN	3A01	1100	24	581	2320A	1152	1320	2098	143	1023	48
ORCHID LAKE	3A19	1190	02	740	2980A	1690	1639	2370A	444	1577	24
ORCHID LAKE	3A19P	1190	01	-	3093	-	-	2238	805	1573*	12
UPPER SQUAMISH RIVER	3A25P	1340	01	-	2301	1564	1313	1853	840	1359	9
NOSTETUKO RIVER	3A22P	1500	01	-	769	524	393	741	203	514*	10
UPPER MOSELY CREEK	3A24P	1650	01	-	378	152	155	555	98	275	10

VANCOUVER ISLAND											
ELK RIVER	3B04	270	02	78	300	0	0	546	0	168	38
WOLF RIVER (LOWER)	3B19	640	05	300	1064	494	332	660	0	355	28
TENNENT LAKE	3B22	950	Not Available			1200	742Z	1200	290A	740	14
UPPER THELWOOD LAKE	3B10	980	05	660	2438A	1560A	1004	2083	281	1221	38
WOLF RIVER (MIDDLE)	3B18	1070	05	405	1344	774	430E	864A	71	539	28
FORBIDDEN PLATEAU	3B01	1130	05	715	2730A	1660A	1180	2225	260	1283	43
JUMP CREEK	3B23P	1160	01	-	2016	1174	1196	1196	304	891*	3
MOUNT COKELY	3B02A	1190	Not Measured			898	474Z	1016	178	716	18
SNO-BIRD LAKE	3B16	1400	Not Available			1397	1124	1758	188	1073	32
WOLF RIVER (UPPER)	3B17P	1490	Not Measured			1777	939	1777	512	1140	11
NORTH COASTAL											
WEDEENE RIVER SOUTH	3C07	300	26	255	817	207	507	547	207	364	15
TAHTSA LAKE	1B02	1300	25	409	1381	994	1019	1405	571	980	47
TAHTSA LAKE	1B02P	1300	01	-	1512	1143	1158	1198	661	1032*	5
BURNT BRIDGE CREEK	3C08P	1330	01	-	889	683	-	683	683	683*	1
SKAGIT											
SUMALLO RIVER WEST	3D01C	790	04	126	402	210	442	442	79	192*	7
FREEZEOUT CREEK TRAIL	WA11	1070	27	178	510	256	414	615	15	272*	50

BEAVER PASS	WA12	1120	26	381	1298	632	924	1240	30	648*	50
KLESILKWA	3D03A	1130	26	161	492	221	508	759	0	283	48
LIGHTNING LAKE	3D02	1220	28	164	497	277	422	478	51	258	25
HARTS PASS	WA09	1980	25	444	1369	866	1069	1636	312	943*	48

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NORTH*March 1, 1999***Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1999	1998	1997	Max.	Min.	Normal	
PEACE											
FORT ST. JOHN A	4A25	690	28	56	122	62	182	191	52	111	25
MACKENZIE A	4A19	700	27	111	302	156	264	345	130	217	26
PACIFIC LAKE	1A11	770	28	221	749	428	677	832	277	544	36
BULLHEAD MOUNTAIN	4A28	790	28	55	112	66	142	142	12	79*	15
PHILIP LAKE	4A13	980	26	120	334	222	352	382	152	249	35
WARE (LOWER)	4A04	980	27	68	149	130	202	246	97	155	35
MC LEOD LAKE	4A01	980	28	103	292	170	364	364	98	204	39
AIKEN LAKE	4A30P	1040	01	-	237	191	317	363	162	248*	12
TUTIZZI LAKE	4A06	1070	26	112	263	197	234	386	140	225	35
TSAYDAYCHI LAKE	4A12	1160	26	152	432	323	423	540	166	339	35
PINK MOUNTAIN	4A14	1170	02	43	71	68	121	160	40	74	35
KAZA LAKE	1A12	1190	26	116	306	275	326	478	186	282	33
PULPIT LAKE	4A09	1310	27	138	353	334	350	531	233	358	34
PULPIT LAKE	4A09P	1310	01	-	381	341	378	448	326	366	8
FREDRICKSON LAKE	4A10	1310	26	81	182	154	202	315	129	212	34

PINE PASS	4A02P	1400	01	-	1027	920	835	1485	835	963	7
TRYGVE LAKE	4A11	1400	26	113	269	306	274	453	211	314	34
SIKANNI LAKE	4C01	1400	27	89	210	195	219	335	107	223	33
PINE PASS	4A02	1430	27	338	1160	996	1095	1502	480	969	35
MORFEE MOUNTAIN	4A16	1450	27	251	880	670	904	1166	312	717	31
LADY LAURIER LAKE	4A07	1460	27	149	417	449	375	662	255	425	32
MOUNT SHEBA	4A18	1490	28	263	926	601	901	1037	394	697	28
GERMANSEN (UPPER)	4A05	1500	26	129	360	286	344	520	174	300	38
MOUNT STEARNS	4A21	1500	27	55	105	134	123	227	58	129	24
JOHANSON LAKE	4B02	1540	26	93	216	263	232	368	148	250	35
MONKMAN CREEK	4A20	1550	28	182	594	375	521	925	290	540	17
WARE (UPPER)	4A03	1570	27	88	210	247	205	360	114	213	38
BULLMOOSE CREEK	4A31	1570	04	184	488	358	472	663	273	466*	11
KWADACHA RIVER	4A27P	1620	01	-	308	-	265	405	195	284	14
SKEENA/NASS											
TERRACE A	4B13A	180	01	91	342	0	240	407	0	179	17
BEAR PASS	4B11A	460	02	181	640	416	543	824	416	751	15
NINGUNSAW PASS	4B10	690	Not Available			232	359	629	232	400	24
MCKENDRICK CREEK	4B07	1050	03	109	279	230	381	391	177	265	31
TACHEK CREEK	4B06	1140	26	85	219	164	330	330	117	191	31
KAZA LAKE	1A12	1190	26	116	306	275	326	478	186	282	33
LU LAKE	4B15	1300	23	89	240	206	406	406	172	274	20
LU LAKE	4B15P	1310	01	88	244	199	-	199	199	199*	1

TSAI CREEK	4B17P	1360	01	263	1054	919	-	919	919	919*	1
KIDPRICE LAKE	4B01	1370	25	267	831	673	838	1101	429	773	47
TRYGVE LAKE	4A11	1400	26	113	269	306	274	453	211	314	34
EQUITY MINE	4B14	1420	23	104	308	314	514	514	234	302	21
CHAPMAN LAKE	4B04	1460	03	148	461	415	536	691	268	396	34
HUDSON BAY MTN.	4B03A	1480	04	141	432	414	568	719	287	449	27
MOUNT CRONIN	4B08	1480	03	178	541	516	599	869	348	521	30
SHEDIN CREEK	4B16P	1480	01	176	683	686	750	904	686	780*	3
JOHANSON LAKE	4B02	1540	26	93	216	263	232	368	148	250	35
LIARD											
FORT NELSON A	4C05	380	02	47	95	47	92	177A	47	102	33
WATSON LAKE A	YK01	700	26	75	139	114	111	216	61	127*	33
FRANCES RIVER	YK02	730	26	72	142	149	120	312	65	135*	23
DEASE LAKE	4C03	820	26	55	111	45	138	229	45	129	34
SUMMIT LAKE	4C02	1280	05	50	100	70A	104	190	48	105	31
DEADWOOD RIVER	4C09P	1300	01	-	110	58	101	220	58	137*	5
SIKANNI LAKE	4C01	1400	27	89	210	195	219	335	107	223	33
STIKINE/ TAKU											
SPEEL RIVER	AK03	80	28	256	945	401	584	1024	396	653*	28
FORREST- KERR CREEK	4D08P	560	01	-	439	323	494	640	323	514*	6
TELEGRAPH CREEK	4D01	580	27	44	79	82	53	345	53	156	24
NINGUNSAW PASS	4B10	690	Not Available			232	359	629	232	400	24

DEASE LAKE	4C03	820	26	55	111	45	138	229	45	129	34
ISKUT	4D02	1000	25	52	114	60A	86	176	38A	113	24
KINASKAN LAKE	4D11P	1020	01	-	216	265	204	527	204	318	8
TUMEKA CREEK	4D10P	1220	01	-	338	436	354	789	354	576	9
WADE LAKE	4D14P	1370	01	-	229	256	-	475	162	354	7
UPPER STIKINE	4D13P	1450	Not Measured			378	344	591	344	395	9
YUKON											
ATLIN LAKE	4E02A	730	28	46	82	95	71	185A	50	115*	15
LOG CABIN	4E01	880	24	94	218	344	244	514	124	303	38
PINE LK AIRSTRIP	YK03	1010	25	91	207	219	151	330	25	187*	23
MONTANA MTN.	YK05	1020	24	57	96	-	-	182	71	126*	17
TAGISH	YK04	1080	26	52	84	111	99	198	75	123*	23
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