

Banner

May 15, 1998

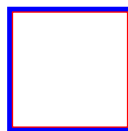
Fraser
Basin
Snow
Survey

[Fraser Basin Snow Survey Measurements](#)

UPPER FRASER AND NECHAKO

Snowpack depletions during the first half of May were considerably greater than normal and, as a result, the remaining snowpack is considerably below normal for this time of year. The regional water equivalent index is estimated to be 77% below normal.

While another peak is possible, it seems unlikely that levels will exceed those already reached this year unless there is substantial rainfall.

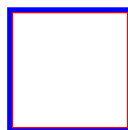


[Data Graphs](#)

MIDDLE AND LOWER FRASER

Very little snow remains in the middle Fraser, particularly on the west side. In the lower Fraser there is more snow but, due to the warm weather at the beginning of the month, the remaining snowpack is generally well below normal.

The Fraser at Hope peaked on May 19 at a little over 6,000 m³/s and will probably drop for the next several days. A higher peak than this is possible, but anything approaching damaging levels this year is most unlikely.



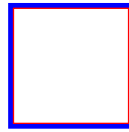
[Data Graphs](#)

NORTH AND SOUTH THOMPSON

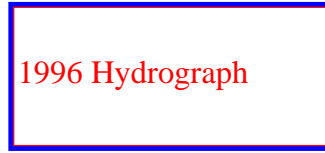
The Thompson basin snowpack which was only a little below normal at the beginning of the month is now well below normal as the result of the warm weather in the end of April and beginning of May. The regional indices for the North and South Thompson basins are now 23 and 33% below normal, respectively.

Higher river and lake levels than those which have occurred to date are quite possible, but there is very little likelihood

that any of the main rivers will approach damaging stage this spring.



[Data Graphs](#)



[Hydrograph](#)

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[Snow Pillow Information](#)



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Banner

May 15, 1998

Columbia
Basin
Snow

[Columbia Basin Snow Survey Measurements](#)

UPPER AND LOWER COLUMBIA

In response to the warm weather, snowpack depletions in the first half of May were considerably greater than normal. For example, Record Mountain (2B09) which normally melts about 90 mm of water during this period lost over 470 mm this year. As a result the regional snowpack is estimated to be about 36% below normal for this date.

Higher peaks than those which have been recorded to date this year are possible, but there is virtually no danger of main rivers in the region reaching damaging levels this spring.

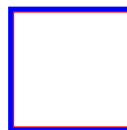
Data
Graphs

[Data Graph](#)

EAST AND WEST KOOTENAY

Based on very little data, the great majority of the snowpack in the Kootenay basin appears to have melted with the remaining snow all at high elevation.

Unless there were really substantial rains, there is little likelihood that levels that have been recorded so far this year will be exceeded.



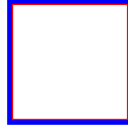
[Data Graphs](#)

OKANAGAN, SIMILKAMEEN AND KETTLE

As has been the case in all of the southern parts of the province, snowpack depletions in the first half of May have been much greater than normal. The regional snowpacks, based on limited data, suggest that there is only 11% of normal snowpack in the Similkameen and 47% of normal in the Okanagan-Kettle.

Although there could be further peaks, it is likely that the Similkameen or Kettle Rivers have peaked for the year.

Okanagan Lake is continuing to rise slowly and is presently about 16 cm below its normal upper elevation. Unless there are substantial rains, there is little danger of any flooding around the lake this year.



[Data Graphs](#)

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May 15, 1998

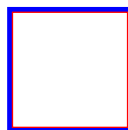
Snow
Survey
Measuremen

[Coastal and Vancouver Island Snow Survey Measurements](#)

SOUTH COASTAL AND VANCOUVER ISLAND

Based on very limited data, the snowpack on Vancouver Island continues to be a little above normal for this time of year in spite of greater than normal depletions during the last three weeks.

The coastal snowpack is somewhat variable, but is generally well below normal for this time of year. The regional water equivalent index for the area is estimated to be 30% below normal.



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[Groundwater Conditions](#)

[Snow Pillow Information](#)

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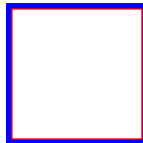
May 15, 1998

Snow
Survey
Measurement

[Northern Basins Snow Survey Measurements](#)

NORTHEASTERN

There are insufficient data to estimate the remaining snowpack as a percent of normal. Based on a few pillow readings, it appears that depletions during the last two weeks have been greater than normal.

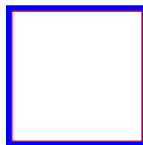


[Data Graphs](#)

NORTHWESTERN

Very little data are collected at this sampling period in this region. Based on very limited data, it appears that snowpack depletions in the first half of May were near normal in the Stikine-Taku drainage basin.

The Skeena River is continuing to rise but is well below any damaging levels.



[Data Graphs](#)

[Bulletin Home Page](#)

[Groundwater Conditions](#)

[Snow Pillow Information](#)

FRASER

May 15, 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	11	No Snow	728	0	728	0	358	23	
MCBRIDE (MIDDLE)	1A20	1160	13	No Snow	218	166	334	0	166	24	
BIRD CREEK	1A23	1180	19	No Snow	-	-	-	-	-	0	
BARKERVILLE	1A03	1520	15	No Snow	-	249	564	0	298	46	
BARKERVILLE	1A03P	1520	15	No Snow	326	-	503	0	282	20	
MC BRIDE (UPPER)	1A02	1580	13	21	74	408	376	752	24	413	30
KNUDSEN LAKE	1A15	1580	11	106	510	941	826	1205	359	873	23
NARROW LAKE	1A21	1650	12	118	607	1238	-	1375	489	993	23
REVOLUTION CREEK	1A17P	1690	15	-	228	766	875	1161	574	757	12
LONGWORTH (UPPER)	1A05	1740	11	89	440	1204	778	1219	292	802	44
DOME MOUNTAIN	1A19	1820	11	104	488	931	765	1168	385	859	25
YELLOWHEAD	1A01P	1860	15	25	139	326	-	326	326	326*	1
HOLMES RIVER	1A18	1900	11	93	411	903	865	1125	359	813	28
NECHAKO											
SKINS LAKE	1B05	880	19	No Snow	-	-	0	0	-	1	
TAHTSA LAKE	1B02	1300	19	181	939	-	-	1687	1687	1687	1
TAHTSA LAKE	1B02P	1300	15	-	1116	1509	-	1509	732	1143	5
KIDPRICE LAKE	4B01	1370	19	102	534	-	-	1278	1278	1278	1

MOUNT PONDOSY	1B08P	1400	15	-	524	850	-	850	314	587*	5
MOUNT WELLS	1B01	1490	19	34	164	-	-	869	396	633*	2
MOUNT WELLS	1B01P	1490	15	-	277	680	698	698	338	485	6
NUTLI LAKE	1B07	1490	19	42	197	-	-	-	-	-	0
MOUNT SWANNELL	1B06	1620	19	No Snow		331	-	331	331	331*	1
MIDDLE FRASER											
BOSS MOUNTAIN MINE	1C20P	1460	15	-	184	521	709	709	265	502	4
BRENDA MINE	2F18P	1460	15	No Snow		0	125	125	0	11	5
BARKERVILLE	1A03	1520	15	No Snow		-	249	564	0	298	46
BARKERVILLE	1A03P	1520	15	No Snow		326	-	503	0	282	20
MOUNT TIMOTHY	1C17	1660	15	3	12A	244	312	437	0	225	29
YANKS PEAK EAST	1C41P	1670	15	66	398	878	-	878	878	878*	1
PENFOLD CREEK	1C23	1680	12	160	833	1225	1157	1349	585	1008	28
GREEN MOUNTAIN	1C12P	1780	15	-	573	978	1036	1036	577	865*	4
MISSION RIDGE	1C18P	1850	15	-	6	372	503	701	0	468	11
PAVILION MOUNTAIN	1C36	1960	13	No Snow		234	308	308	214	252*	3
LOWER FRASER											
DISAPPOINTMENT LAKE	1D18P	1040	Not Measured			-	-	1652	1652	1652	1
CALLAGHAN CREEK	3A20	1040	17	57	298	564	290	1311	55A	664	15
DOG MOUNTAIN	3A10	1080	13	129	703	1290	407	1507	0	1311	13
WAHLEACH LAKE	1D09P	1400	15	-	683	1478	847	1478	335	738*	6
CHILLIWACK RIVER	1D17P	1600	15	161	934	-	1208	1208	764	1443	4
GREAT BEAR	1D15P	1660	15	-	1609	2436	1798	2436	1181	1524	6
TENQUILLE LAKE	1D06	1680	20	166	960	1372	1268	1707	625	1182	41
NORTH THOMPSON											

COOK FORKS	1E06	1390	16	56	274	878	904	1359	295	749	35
BOSS MOUNTAIN MINE	1C20P	1460	15	-	184	521	709	709	265	502	4
MOUNT COOK	1E02A	1580	16	193	953	1485	1670	1670	873	1292	23
AZURE RIVER	1E08P	1620	15	-	1009	1496	-	1496	1496	1496	1
ADAMS RIVER	1E07	1720	11	111	523	861	844	1107	280	745	26
KOSTAL LAKE	1E10P	1770	15	-	752	981	1120	1120	588	914	13
TROPHY MOUNTAIN	1E03A	1860	17	107	446	636	820E	825	301	609*	16
NORTH CLEMINA CREEK	1E13	1860	12	128	606	990	1144	1177	536	886*	8

**SOUTH
THOMPSON**

ADAMS RIVER	1E07	1720	11	111	523	861	844	1107	280	745	26
SILVER STAR MOUNTAIN	2F10	1840	14	80	386	848	861	1054	100	642	39
PARK MOUNTAIN	1F03P	1890	15	-	584	1321	1172	1321	474	916	13
ENDERBY	1F04	1900	15	168	740	1437	1233	1499	662	1099	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 15, 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											
AZURE RIVER	1E08P	1620	15	-	1009	1496	-	1496	1496	1496	1
KICKING HORSE	2A07	1650	Not Measured			362	-	521	0	230	44
MOUNT REVELSTOKE	2A06P	1830	15	-	827	1458	1624	1624	700	1221	5
NORTH CLEMINA CREEK	1E13	1860	12	128	606	990	1144	1177	536	886*	8
MOLSON CREEK	2A21P	1980	15	-	710	1175	-	1294	602	1036	15
LOWER COLUMBIA											
FARRON	2B02A	1220	11	No Snow		164	156	222	0	111	18
BARNES CREEK	2B06P	1620	15	-	94	679	758	758	157	430*	5
ST. LEON CREEK	2B08P	1800	15	-	675	1219	-	1219	639	987	4
RECORD MOUNTAIN	2B09	1890	12	76	368	1151	788	1151	83	732	23
EAST CREEK	2D08P	2030	15	-	536	825	1286	1387	461	877	16
EAST KOOTENAY											

FERNIE EAST	2C07	1250	15	No Snow		90	37	290	0	61	36
SULLIVAN MINE	2C04	1550	15	No Snow		272	363	457	0	123	46
MORRISSEY RIDGE	2C09Q	1800	15	-	30	749	971	971	0	580	14
MOYIE MOUNTAIN	2C10P	1930	15	-	15	-	-	552	0	253*	17
MOYIE MOUNTAIN	2C10	1940	10	8	35A	644	498	644	0	339	28
FLOE LAKE	2C14P	2090	15	-	304	893	1028	1028	357	597	3
WEST KOOTENAY											
CHAR CREEK	2D06	1310	13	6	26	607	414	676	0	248	28
GRAY CREEK (LOWER)	2D05	1550	Not Available			-	440	709	0	385	46
GRAY CREEK (UPPER)	2D10	1910	Not Available			-	1014	1194	311	770	27
EAST CREEK	2D08P	2030	15	-	536	825	1286	1387	461	877	16
KETTLE											
FARRON	2B02A	1220	11	No Snow		164	156	222	0	111	18
BIG WHITE MOUNTAIN	2E03	1680	18	30	130	432	530	732	0	400	32
GRANO CREEK	2E07P	1860	15	-	308	-	-	-	-	-	0
OKANAGAN											
SUMMERLAND RESERVOIR	2F02	1280	12	No Snow		27	0	218	0	42	32
VASEUX CREEK	2F20	1400	14	No Snow		0	0	80	0	10*	26
TROUT CREEK	2F01	1430	14	No Snow		0	21	307	0	39	45
BRENDA MINE	2F18P	1460	15	No Snow		0	125	125	0	11	5
GREYBACK RESERVOIR	2F08	1550	14	No Snow		52	140	323	0	122	26
ISINTOK LAKE	2F11	1680	12	No Snow		50E	118	386	0	83	32
MISSION CREEK	2F05P	1780	15	44	176	-	471	706	0	399	26

MOUNT KOBAN	2F12	1810	14	52	250	323	321	513	0	260	31
WHITEROCKS MOUNTAIN	2F09	1830	15	47	189	474	492	968	0	402	27
SILVER STAR MOUNTAIN	2F10	1840	14	80	386	848	861	1054	100	642	39
SIMILKAMEEN											
MISSEZULA MOUNTAIN	2G05	1550	14	No Snow		8E	47	218	0	66	34
ISINTOK LAKE	2F11	1680	12	No Snow		50E	118	386	0	83	32
LOST HORSE MOUNTAIN	2G04	1920	13	4	18	220	304B	577	4	211	34
BLACKWALL PEAK	2G03P	1940	15	-	356	960	934	1481	208	804	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

COASTAL

May 15, 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	3A09P	880	Not Available		-	-	-	-	-	-	0
CALLAGHAN CREEK	3A20	1040	17	57	298	564	290	1311	55A	664	15
DOG MOUNTAIN	3A10	1080	13	129	703	1290	407	1507	0	1311	13
ORCHID LAKE	3A19	1190	Not Available		2099	1315	2310	774	1891	1909	19
ORCHID LAKE	3A19P	1190	Not Measured		-	-	2804	828	1909	1909	12
UPPER SQUAMISH RIVER	3A25P	1340	15	271	1361	1628	1354	1781	949	1515	8
NOSTETUKO RIVER	3A22P	1500	Not Measured		387	469	494	21	282*	282*	8
UPPER MOSELY CREEK	3A24P	1650	15	No Snow	37	347	347	0	114	114	9
VANCOUVER ISLAND											
JUMP CREEK	3B23P	1160	15	126	623	1358	251	1358	251	805*	2
WOLF RIVER (UPPER)	3B17P	1490	15	-	1567	1390	1048	1726	507	1318	10

NORTH COASTAL											
TAHTSA LAKE	1B02	1300	19	181	939	-	-	1687	1687	1687	1
TAHTSA LAKE	1B02P	1300	15	-	1116	1509	-	1509	732	1143	5
BURNT BRIDGE CREEK	3C08P	1330	15	-	210	-	-	-	-	-	0

SKAGIT											
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

NORTH*May 15, 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	11	No Snow	728	0	728	0	358	23	
AIKEN LAKE	4A30P	1040	15	No Snow	8	188	188	0	46*	11	
PULPIT LAKE	4A09P	1310	15	-	143	229	454	454	49	201*	7
PINE PASS	4A02P	1400	15	-	878	1100	-	1471	813	1134	6
KWADACHA RIVER	4A27P	1620	Not Measured			251	445	468	109	329	13
SKEENA/ NASS											
LU LAKE	4B15P	1310	15	-	11	-	-	-	-	-	0
TSAI CREEK	4B17P	1360	15	-	953	-	-	-	-	-	0
KIDPRICE LAKE	4B01	1370	19	102	534	-	-	1278	1278	1278	1
HUDSON BAY MTN.	4B03A	1480	20	38	160	467	597	752	186	463	25
SHEDIN CREEK	4B16P	1480	15	110	660	956	1159	1159	956	1058	2
LIARD											
BLUFF CREEK	4C11P	1040	Not Measured			-	101	101	0	4	4
DEADWOOD RIVER	4C09P	1300	15	No Snow	0	207	207	0	64*	4	

STIKINE/ TAKU											
FORREST- KERR CREEK	4D08P	560	15	No Snow		250	247	250	26	165*	6
KINASKAN LAKE	4D11P	1020	15	-	9	79	226	411	0	168*	7
TUMEKA CREEK	4D10P	1220	15	-	299	317	561	771	195	409	8
WADE LAKE	4D14P	1370	15	-	198	-	405	427	0	290	6
UPPER STIKINE	4D13P	1450	15	-	317	344	564	686	183	420*	8
YUKON											
LOG CABIN	4E01	880	Not Available			-	123	420	4	239*	11
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											