



## **SNOWPACK and WATER SUPPLY OUTLOOK**

**in**

**BRITISH COLUMBIA**

**June 15, 1997**

**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 to be estimated. Please note that data provided on these pages are preliminary and subject to revision on review.**

**This will be the final Snow Survey Bulletin of the year. The graphs of the snow pillows will be updated four time per month until there is no snow.**

The June 15 snow survey is of a very small number of stations compared with the surveys done at other times. Because many of the stations have had no snow on this date in the past and have relatively few measurements, great care must be taken when drawing conclusions regarding comparisons with averages for this date.

Because there are so few data no commentaries are given. The snow water equivalent graphs have been completed to June 15 where there were sufficient data to make this practicable. No data are available for precipitation or groundwater graph updating.

**FRASER**

June 15, 1997

**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1997	1996	1995	Max.	Min.	Normal	
<b>UPPER FRASER</b>											
BARKERVILLE	1A03P	1520	15	No Snow	-	-	37	0	23	4	
REVOLUTION CREEK	1A17P	1690	15	-	178	366	0	513	0	221	11
YELLOWHEAD	1A01P	1860	15	No Snow	-	-	-	-	-	0	
<b>NECHAKO</b>											
TAHTSA LAKE	1B02P	1300	15	-	796	-	405	765	0	399*	4
MOUNT PONDOSY	1B08P	1400	15	No Snow	-	0	0	0	0	-	4
MOUNT WELLS	1B01P	1490	15	-	30	198	0	198	0	40*	5
<b>MIDDLE FRASER</b>											
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow	26	0	26	0	0	9*	3
BRENDA MINE	2F18P	1460	15	No Snow	0	0	0	0	0	-	4
BARKERVILLE	1A03P	1520	15	No Snow	-	-	37	0	23	4	
YANKS PEAK EAST	1C41P	1670	15	-	146	-	-	-	-	-	0
GREEN MOUNTAIN	1C12P	1780	15	-	421	552	115	552	101	256*	3
MISSION RIDGE	1C18P	1850	15	No Snow	0	0	8	0	0	1*	10
<b>LOWER FRASER</b>											
DISAPPOINTMENT LAKE	1D18P	1040	Not Measured			-	595	595	595	595*	1

CALLAGHAN CREEK	3A20	1040	17	No Snow		0	0	0	0	-	6
DOG MOUNTAIN	3A10	1080	10	92	539	0	58	730	0	657	11
WAHLEACH LAKE	1D09P	1400	15	-	686	296	0	296	0	74*	4
CHILLIWACK RIVER	1D17P	1600	Not Measured			585	-	585	0	301	3
GREAT BEAR	1D15P	1660	15	-	1623	1521	1023	1521	655	786	5
TENQUILLE LAKE	1D06	1680	15	148	880	868	490	1529	10	705	13

**NORTH THOMPSON**

COOK FORKS	1E06	1390	13	34	157	235E	0	518	0	151	18
BOSS MOUNTAIN MINE	1C20P	1460	15	No Snow		26	0	26	0	9*	3
MOUNT COOK	1E02A	1580	13	154	869	1172	483	1311	58	820	17
AZURE RIVER	1E08P	1620	15	-	750	-	-	-	-	-	0
ADAMS RIVER	1E07	1720	14	48	233	559	212	1046	0	338	17
KOSTAL LAKE	1E10P	1770	15	-	500	817	227	817	0	430	12

**SOUTH THOMPSON**

ADAMS RIVER	1E07	1720	14	48	233	559	212	1046	0	338	17
SILVER STAR MOUNTAIN	2F10	1840	12	56	297	564	172	747	0	150	28
PARK MOUNTAIN	1F03P	1890	15	-	703	925	158	958	0	552	11
ENDERBY	1F04	1900	14	145	820	1053	411	1326	62	754	19

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

*June 15, 1997*

## Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1997	1996	1995	Max.	Min.	Normal	
<b>UPPER COLUMBIA</b>											
AZURE RIVER	1E08P	1620	15	-	750	-	-	-	-	-	0
KICKING HORSE	2A07	1650	Not Measured			0	-	30	0	8*	4
MOUNT REVELSTOKE	2A06P	1830	15	-	747	1283	287	1283	0	690	4
FIDELITY MOUNTAIN	2A17	1870	10	191	1121	-	436	1603	0	898	24
MOLSON CREEK	2A21P	1980	15	-	598	-	332	894	0	536	12
<b>LOWER COLUMBIA</b>											
BARNES CREEK	2B06P	1620	15	No Snow		169	0	169	0	42*	4
ST. LEON CREEK	2B08P	1800	15	-	499	-	237	424	0	247	3
RECORD MOUNTAIN	2B09	1890	14	31	161	289	163	331	0	101*	12
EAST CREEK	2D08P	2030	15	-	491	986	-	1090	0	395	13
<b>EAST KOOTENAY</b>											
MORRISSEY RIDGE	2C09Q	1800	Not Measured			12	0	74	0	36	13

MOYIE MOUNTAIN	2C10	1940	15	No Snow		0	0	292A	0	28*	23
FLOE LAKE	2C14P	2090	15	-	409	720	-	720	0	8	2
<b>WEST KOOTENAY</b>											
CHAR CREEK	2D06	1310	14	4	20	0	-	25	0	13*	2
GRAY CREEK (LOWER)	2D05	1550	Not Measured			0	0	282	0	50*	15
GRAY CREEK (UPPER)	2D10	1910	Not Measured			570	-	825	0	206*	12
EAST CREEK	2D08P	2030	15	-	491	986	-	1090	0	395	13
<b>KETTLE</b>											
BIG WHITE MOUNTAIN	2E03	1680	15	No Snow		78	0	356	0	61*	16
<b>OKANAGAN</b>											
BRENDA MINE	2F18P	1460	15	No Snow		0	0	0	0	-	4
MISSION CREEK	2F05	1780	11	42	207	-	-	531	0	122	24
MISSION CREEK	2F05P	1780	Not Measured			131	0	377	0	74	26
GRAYSTOKE LAKE	2F04	1810	12	14	78	-	-	137	84	111*	2
WHITEROCKS MOUNTAIN	2F09	1830	Not Measured			0	0	533	0	56*	16
SILVER STAR MOUNTAIN	2F10	1840	12	56	297	564	172	747	0	150	28
<b>SIMILKAMEEN</b>											
BLACKWALL PEAK	2G03P	1940	15	-	330	488	71	1031	0	329	29
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E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

# COASTAL

June 15, 1997

## Snow Survey Measurements

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1997	1996	1995	Max.	Min.	Normal	
<b>SOUTH COASTAL</b>											
PALISADE LAKE	3A09P	880	Not Measured		-	-	-	-	-	-	0
CALLAGHAN CREEK	3A20	1040	17	No Snow	0	0	0	0	-	-	6
DOG MOUNTAIN	3A10	1080	10	92	539	0	58	730	0	657	11
ORCHID LAKE	3A19	1190	10	224	1246	579	597	1910	0	1247	17
ORCHID LAKE	3A19P	1190	Not Measured		-	-	2074	0	1171	-	12
UPPER SQUAMISH RIVER	3A25P	1340	15	156	990	694	668	1140	236	834	7
TIEDEMANN GLACIER	3A17P	1400	15	-	704	1024	279	1024	0	434*	3
NOSTETUKO RIVER	3A22P	1500	15	No Snow	0	0	0	0	0	-	7
UPPER MOSELY CREEK	3A24P	1650	15	No Snow	0	0	0	0	0	-	8
<b>VANCOUVER ISLAND</b>											
JUMP CREEK	3B23P	1160	15	5	26	0	-	0	0	-	1

<b>SNO-BIRD LAKE</b>	3B16	1400	13	130	766	116	249	1996	0	738	15
<b>WOLF RIVER (UPPER)</b>	3B17P	1490	15	-	680	512	866	984	0	785	9

<b>NORTH COASTAL</b>
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<b>TAHTSA LAKE</b>	1B02P	1300	15	-	796	-	405	765	0	399*	4
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<b>SKAGIT</b>
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A - SAMPLING PROBLEMS WERE ENCOUNTERED
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**NORTH**

June 15, 1997

**Snow Survey Measurements**

Drainage Basin and Snow Course	Station Number	Elev m	Date of Survey	Snow Depth cm	WATER EQUIVALENT (mm)						No. Years Record
					1997	1996	1995	Max.	Min.	Normal	
<b>PEACE</b>											
AIKEN LAKE	4A30P	1040	15	No Snow	0	0	0	0	-		10
PULPIT LAKE	4A09P	1310	15	No Snow	0	0	0	0	-		6
PINE PASS	4A02P	1400	15	-	582	-	76	620	3	487	5
KWADACHA RIVER	4A27P	1620	15	No Snow		239	0	239	0	38	9
<b>SKEENA/ NASS</b>											
HUDSON BAY MTN.	4B03A	1480	13	14	68	237	0	673	0	128	18
SHEDIN CREEK	4B16P	1480	15	-	169	626	-	626	626	626*	1
<b>LIARD</b>											
BLUFF CREEK	4C11P	1040	Not Measured			0	0	0	0	-	4
DEADWOOD RIVER	4C09P	1300	15	No Snow	0	-	0	0	-		3
<b>STIKINE/ TAKU</b>											
FORREST- KERR CREEK	4D08P	560	15	No Snow	0	0	0	0	-		6
KINASKAN LAKE	4D11P	1020	15	No Snow	0	0	0	0	-		6



<b>TUMEKA CREEK</b>	4D10P	1220	15	No Snow	0	0	67	0	10*	7
<b>WADE LAKE</b>	4D14P	1370	Not Measured		0	0	0	0	14	6
<b>UPPER STIKINE</b>	4D13P	1450	15	No Snow	58	0	58	0	10*	7

**YUKON**

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