

## Snow Survey and Water Supply Bulletin – April 1<sup>st</sup>, 2013

The April 1<sup>st</sup> snow survey is now complete. Data from 155 snow courses and 53 snow pillows around the province and out-of-province sampling locations, and climate data from Environment Canada, have been used to form the basis for the following reports<sup>1</sup>.

### Weather

The first half of March featured two atmospheric river events that delivered heavy precipitation across most of the southern half of the province. The remainder of the month featured relatively stable, dry weather, with several days of unseasonably warm weather in the final days of the month. Temperatures and precipitation rates through March were near normal through most of the province.

### Snowpack

Snowpack levels surged in the early part of the month in response to the atmospheric river events. Snow packs remained fairly constant with stable weather in the second half of the month. Increases in snow basin indices from March occurred in the Upper Fraser, Middle Fraser, North Thompson and the South Coast. Snow basin indices decreased in the Okanagan-Kettle and Vancouver Island, and remained stable in other areas. April 1<sup>st</sup> snow basin indices are near normal (90-110%) through the majority of the province (Table 1, Map 1, and Snow Basin Graphs). In the Upper Fraser and South Thompson, snow basin indices are moderately elevated (111-119%). Snow basin indices are slightly below normal (<90%) in the Nechako, West Kootenay, Similkameen, and Skeena-Nass basins. Snow water-equivalent data is currently being estimated at four automated snow pillow sites (Table 2). Detailed Snow Survey Data are attached for reference.

**Table 1: BC Snow Basin Indices – April 1, 2013**

Basin	% of Normal	Basin	% of Normal
Upper Fraser	119%	Kootenay	91%
Nechako	77%	Okanagan-Kettle	107%
Middle Fraser	95%	Similkameen	82%
Lower Fraser	105%	South Coast	106%
North Thompson	101%	Vancouver Island	91%
South Thompson	111%	Peace	95%
Nicola	91%	Skeena-Nass	85%
Fraser River – All Basins	101%	Stikine	90%
Columbia	102%	Liard	102%

### Outlook

Current modelling from the Climate Prediction Centre with the U.S. National Weather Service (NOAA) continues to forecast the persistence of the current neutral El Niño Southern Oscillation (ENSO) conditions into the summer of 2013. Typically neutral ENSO years do not favour wetter or drier conditions in British Columbia. Current [3-month seasonal forecasts](#) (April through June) from Environment Canada are indicating a high likelihood of above normal temperatures across the southern two-thirds of the province, and a small likelihood of cooler than normal temperatures in the northern part of the province.

1. 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 upon review.



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Forecasts indicate a higher likelihood of drier than normal April-June conditions along the south-west coast and southern and central interior of the province. Forecasts do not indicate any strongly favoured seasonal precipitation conditions through the rest of the province.

By this date, typically 96% of the annual BC snowpack has accumulated, with the peak accumulations generally occurring in mid-April with the transition from accumulating snow to melting snow. The current state of near-normal snow pack across most of the province suggests that for the majority of the province, normal seasonal flood risk is expected. One exception is in the Upper Fraser basin, where the current snow basin index (119%) indicates a moderate increase in the seasonal flood risk. For comparison, last year's April 1<sup>st</sup> snow basin index in the Upper Fraser was 152%.

The current overall Fraser Basin index is 101%. Normal seasonal flood risk is expected on the Fraser River through the Fraser Valley. Under current snow pack conditions, "normal" flood risk is expected this season. A likely (i.e. a 50% chance of occurrence) peak flow on the Fraser River at Hope is 8700 m<sup>3</sup>/s, there is approximately a 5% chance of a peak flow of 11,500 m<sup>3</sup>/s (slightly below peak levels that were experienced in 2012) and less than a 1% chance of a peak flow of 15,200 m<sup>3</sup>/s (similar flows to the 1948 flood).

It is important to note that snow pack is only one element that influences whether flooding occurs during the spring freshet. Of critical importance are how the snow melts and how much, and when, precipitation is received during the snow melt period. Therefore weather during the melt season is the key driver that determines if flooding will occur or not. Analysis of snow pack should not be considered a forecast of upcoming spring flood conditions; rather it is an assessment of whether or not flooding is more likely to occur. Heavy snow packs lead to an increased likelihood, or risk, of flooding, however flooding can occur during years with normal snow pack and conversely years with heavy snow pack do not always lead to flooding.

In summary, near-normal seasonal flow (i.e. the total volume of flow over the spring-summer) is expected through most of the province. Higher than normal snow pack in the Upper Fraser and South Thompson indicate that higher than normal freshet runoff is expected. Below normal seasonal runoff is expected in the Nechako, Nicola, West Kootenay, Similkameen, Skeena-Nass and Bulkley basins. Current seasonal forecasts for select watersheds are given in Table 3. One potential risk factor that could affect low flows this summer is the current seasonal weather forecast of potentially warmer and drier weather through regions of the province (particularly in southern BC).

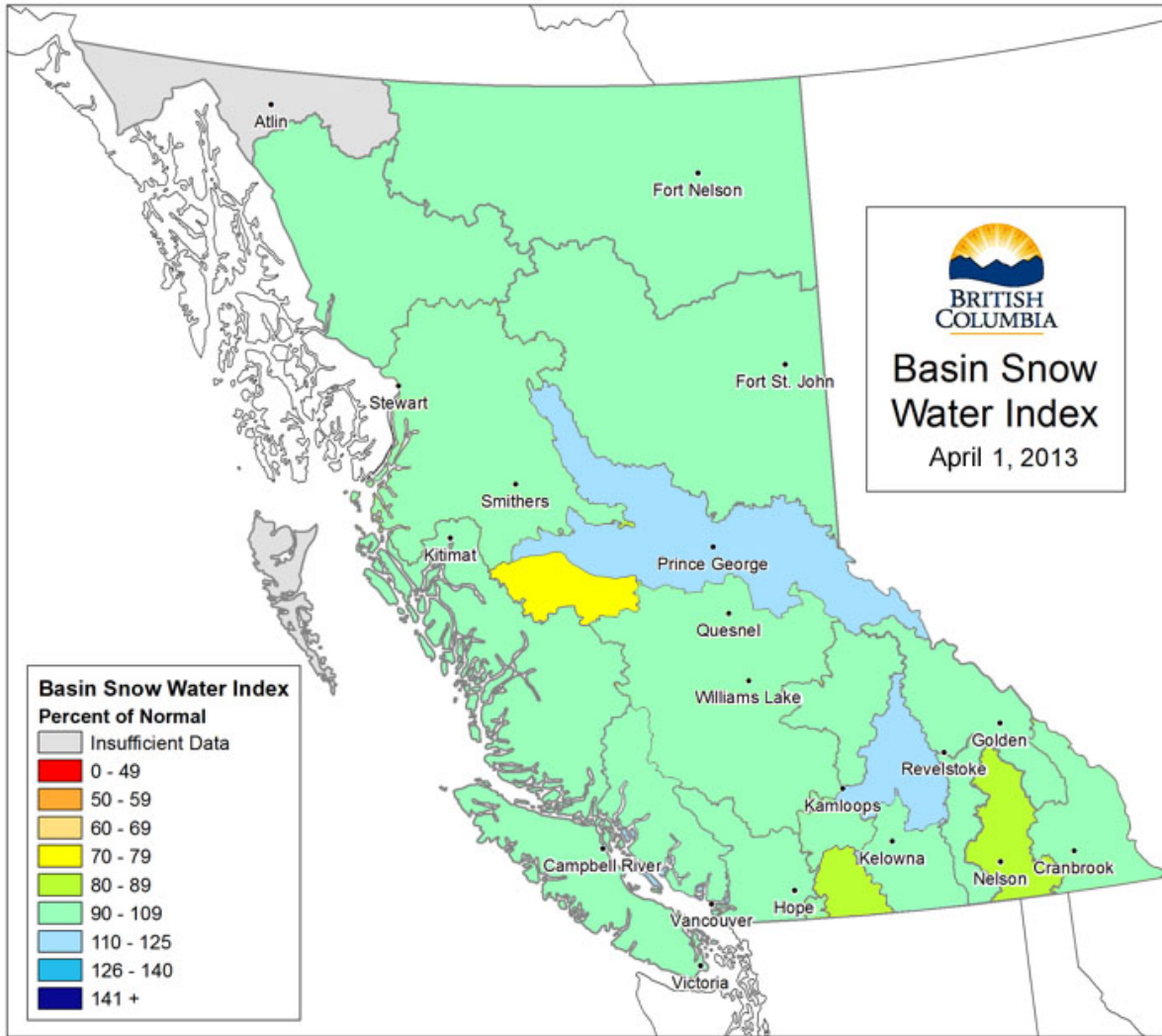
The next snow bulletin will be released on May 8<sup>th</sup>, 2013.

Produced by: BC River Forecast Centre  
April 8, 2013



# Snow Survey and Water Supply Bulletin – April 1<sup>st</sup>, 2013

**Map 1: Basin Snow Water Index - April 1<sup>st</sup>, 2013**



**Table 2: April 1<sup>st</sup> Automated Snow Pillow Estimates**

SNOW PILLOW ID	SNOW PILLOW NAME	OBSERVATION DATE	ESTIMATED Snow Water Equivalent (mm)
1B08P	MOUNT PONDOSY	01-Apr	478
1D18P	DISAPPOINTMENT LAKE	01-Apr	1576
1E02P	MOUNT COOK	01-Apr	1258
2C09Q	MORRISSEY RIDGE	01-Apr	594

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**Ministry of Forests, Lands and Natural Resource Operations**  
**River Forecast Centre**  
**Volume Runoff Forecast April 2013**

Location	Apr - Jun Runoff				Apr - Jul Runoff				Apr - Sep Runoff				
	Forecast (kdam <sup>3</sup> )	Normal (1981-2010) (kdam <sup>3</sup> )	% of Normal	Std. Error (kdam <sup>3</sup> )	Forecast (kdam <sup>3</sup> )	Normal (1981-2010) (kdam <sup>3</sup> )	% of Normal	Std. Error (kdam <sup>3</sup> )	Forecast (kdam <sup>3</sup> )	Normal (1981-2010) (kdam <sup>3</sup> )	% of Normal	Std. Error (kdam <sup>3</sup> )	
Upper Fraser Basin	Fraser at McBride	3583	3699	97%	307					5067	5166	98%	381
	McGregor at Lower Canyon	4784	3964	121%	428					5205	5010	104%	564
	Fraser at Shelley	17673	15700	113%	1179					22050	19730	112%	1562
Middle Fraser Basin	Quesnel River at Quesnel	4474	4541	99%	444					5826	5872	99%	605
Thompson Basin	N. Thompson at McLure	9088	8916	102%	481					11417	11085	103%	753
	S. Thompson at Chase	6179	5792	107%	448					7915	7359	108%	686
	Thompson at Spences Bridge	15856	15114	105%	973					20305	19094	106%	1160
Bulkley and Skeena	Bulkley at Quick	2073	2625	79%	236					2618	3222	81%	271
	Skeena at Usk	15898	18673	85%	1173					19954	23017	87%	1698
Nicola Lake	Inflows	131	120	109%	30	148	138	108%	35				
Nicola River	at Spences Bridge	479	486	99%	82	545	554	98%	101				
Okanagan and Kalamalka-Wood Lake	Okanagan Lake Inflow	509	440	116%	88	540	465	116%	108				
	Kalamalka-Wood Lake Inflow	32.3	28.0	116%	11.3	31.6	29.4	107%	13.2				
Similkameen River	Similkameen at Nighthawk	1181	1273	93%	128					1451	1583	92%	156
	Similkameen at Hedley	924	989	94%	96					1089	1177	93%	96
Cowichan River	Cowichan Lake Inflows	235	248	95%	57					277	292	95%	57

1 kdam<sup>3</sup>=1,000,000 m<sup>3</sup>

Note that missing values reflect that forecasts were not made for that time interval

Disclaimer: Seasonal forecasts were developed using a Principle Component Analysis of snow pack, climate and streamflow data.

Cowichan Lake Inflows are based on a multi-variate regression analysis and reflects a normal scenario for summer weather conditions

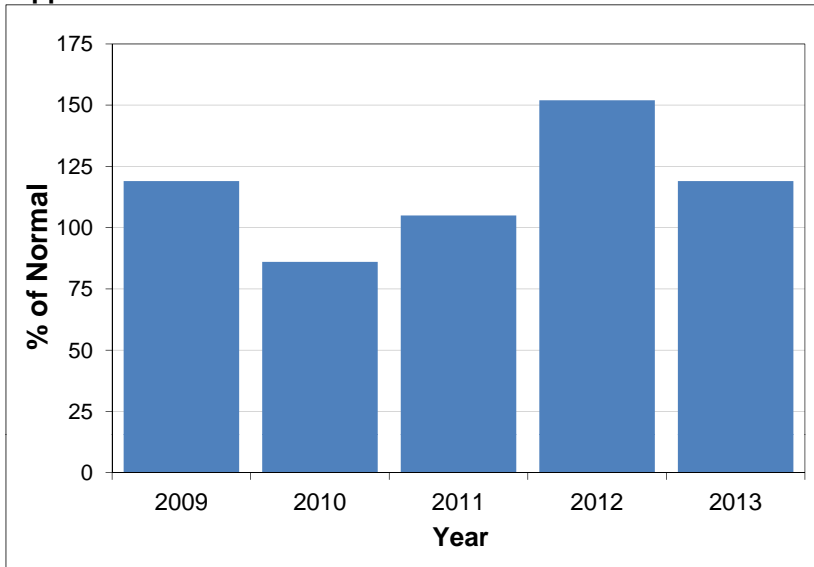
The Standard Error in the Cowichan forecast reflects model error, and does not capture uncertainty over seasonal weather

There is inherent uncertainty in runoff forecasts including potential errors in data and the unpredictable nature of seasonal weather

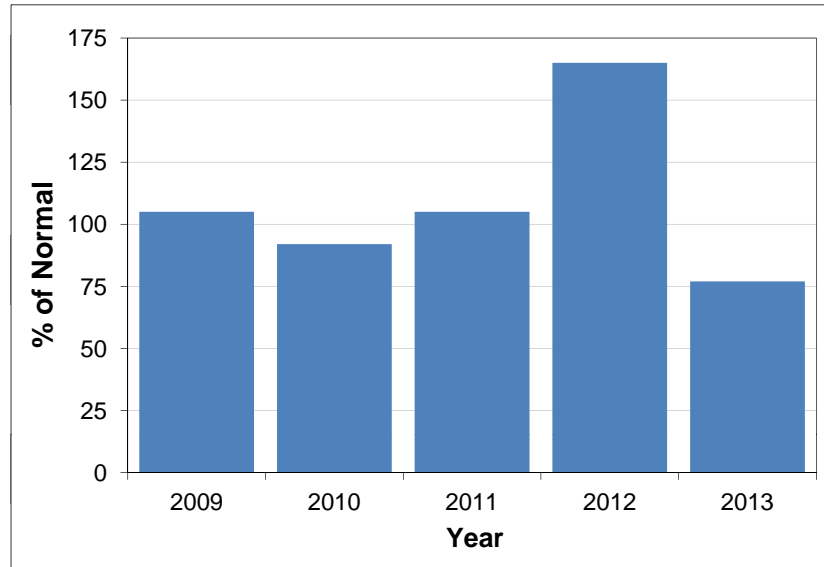
Use at your own risk

# Snow Basin Index Graphs - April 1, 2013

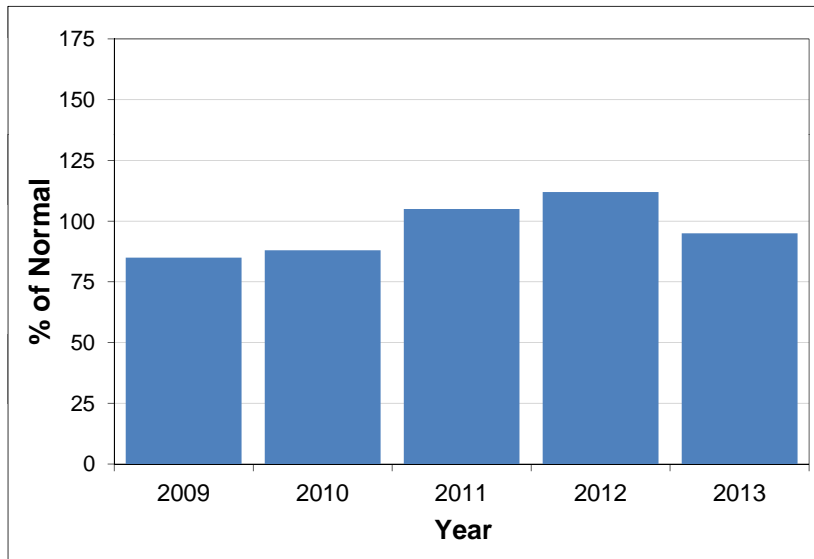
## Upper Fraser



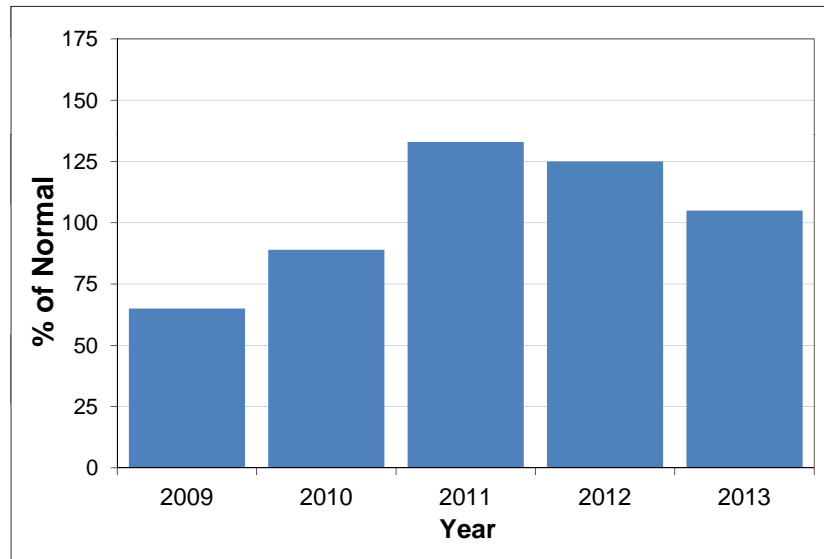
## Nechako



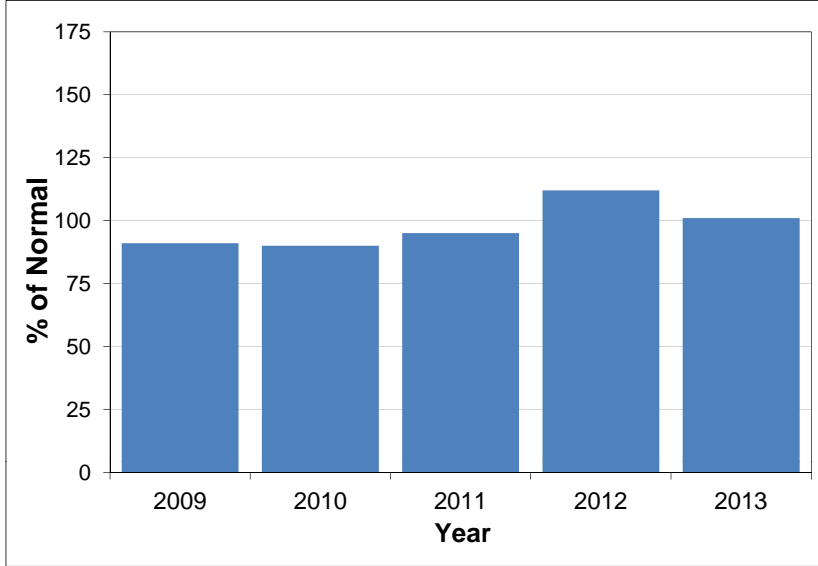
## Middle Fraser



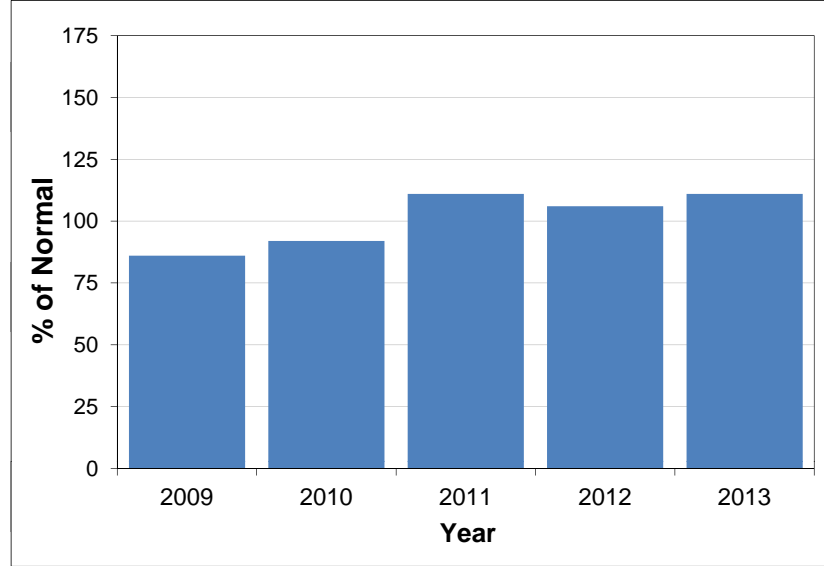
## Lower Fraser



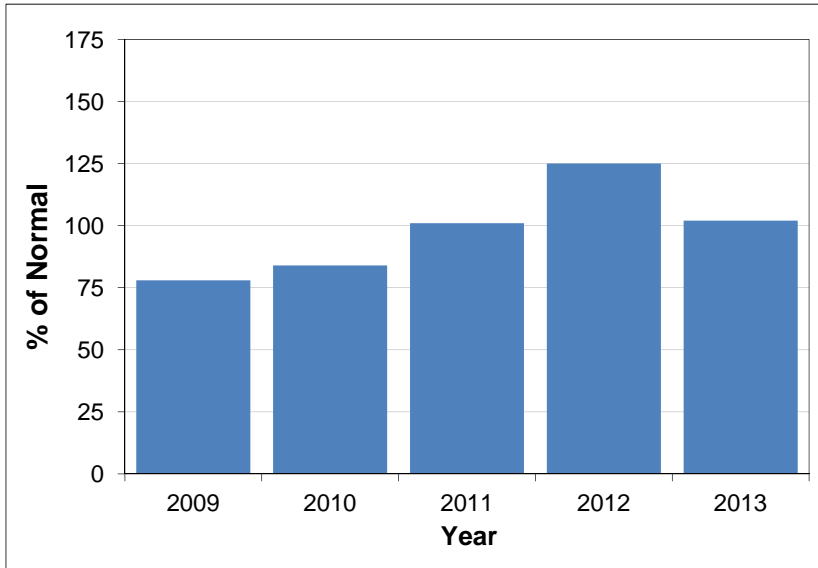
**North Thompson**



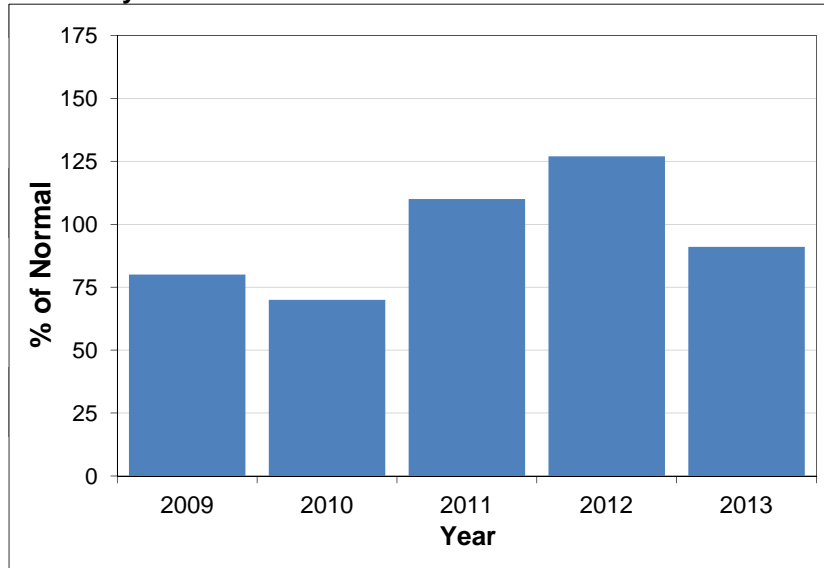
**South Thompson**



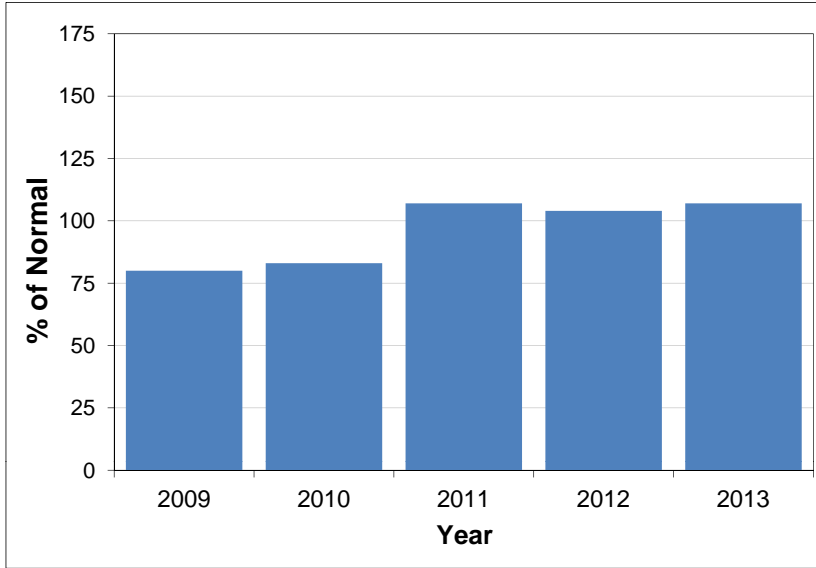
**Columbia**



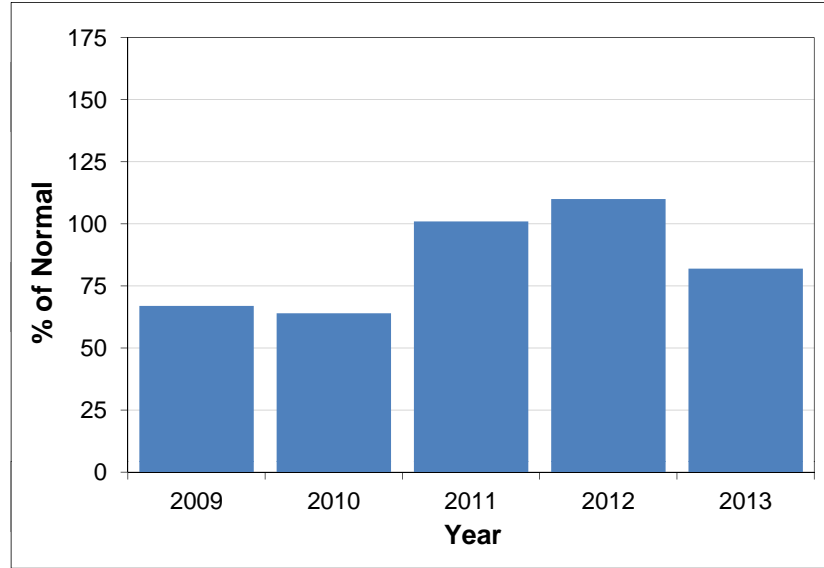
**Kootenay**



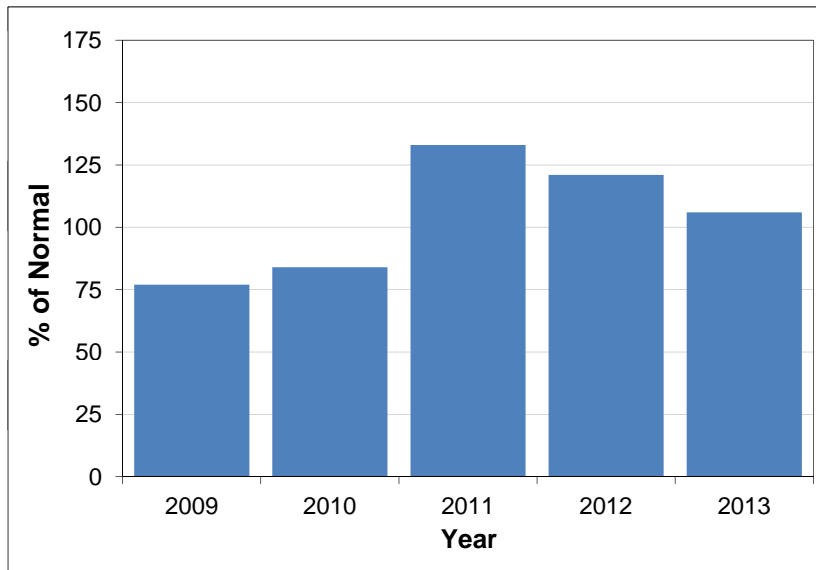
**Okanagan-Kettle**



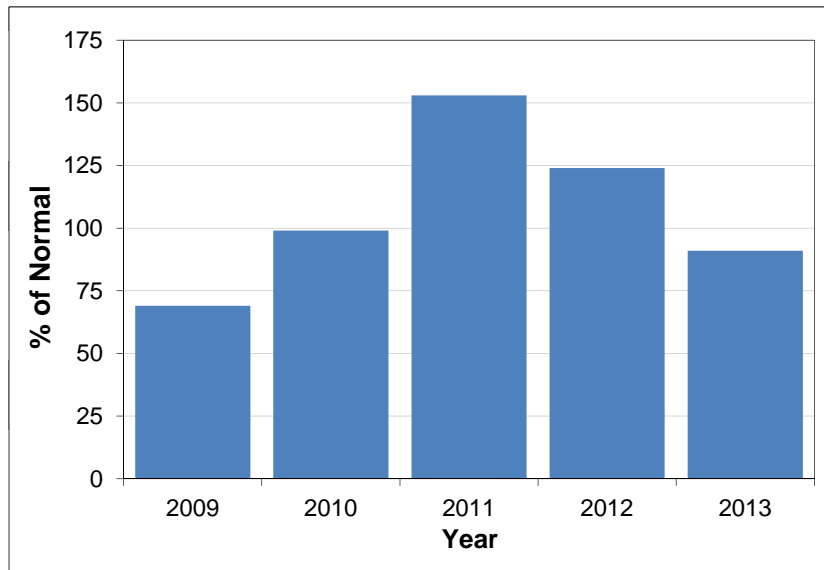
**Similkameen**



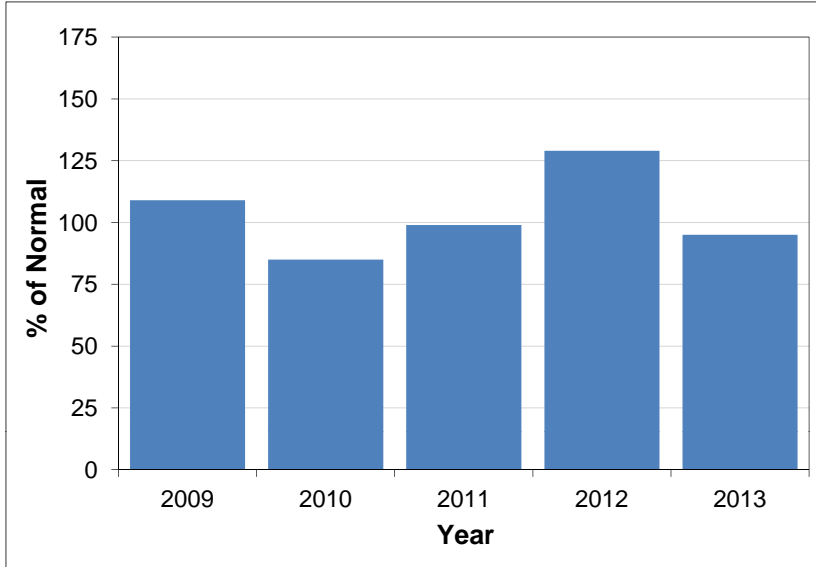
**South Coast**



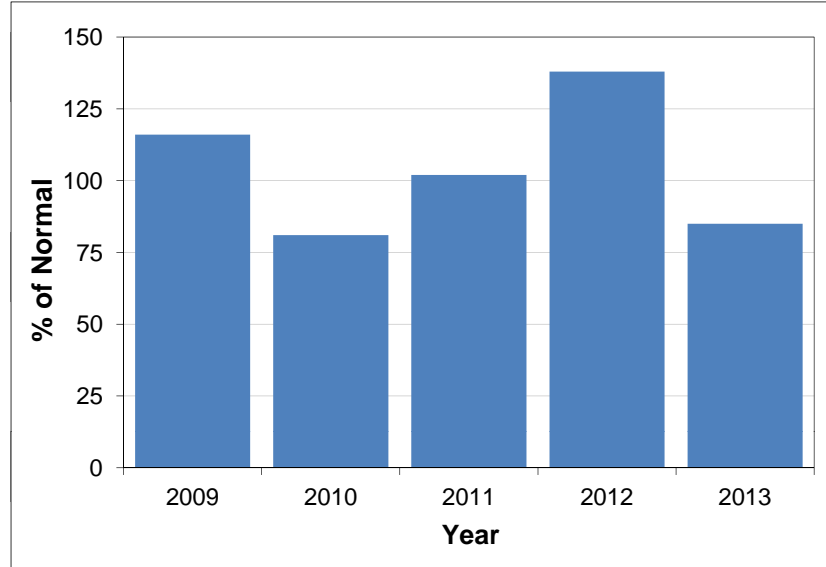
**Vancouver Island**



**Peace**



**Skeena-Nass**





Reporting Period: Apr 01, 2013

Basin EK EAST KOOTENAY

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FERNIE EAST 2C07											(54)	(05)			
	1213	Mar-31	68	246	335	73	21	22	372	371	605	123	36	35	62
SINCLAIR PASS 2C01											(54)	(41)			
	1374	Apr-03	27	73	135	54	13	9	184	130	262	36	27	27	74
SULLIVAN MINE 2C04											(50)	(10)			
	1580	Mar-29	80	242	313	77	28	45	372	318	538	134	30	32	68
MOUNT JOFFRE 2C16											(72)	(01)			
	1763	Mar-27	129	428	388	110	65	59	533	0	711	179	33	31	41
MOYIE MOUNTAIN AUTOMATED SNOW PILLOW 2C10P											(99)	(77)			
	1840	Apr-01	83	352	401	88	58	63	627	381	683	205	42		34
MORRISSEY RIDGE AUTOMATED SNOW PILLOW 2C09Q					<						(91)	(01)			
	1860	Apr-01		-205	744	-28	-690	124	829.	798.8	1224	360			30
THUNDER CREEK 2C17											(72)	(01)			
	2062	Mar-27	124	377	287	131	103	48	452	335	475	140	30	28	41
FLOE LAKE 2C14											(72)	(93)			
	2087	Mar-27	223	899	791	114	245	126	1027	918	1242	411	40	36	41
FLOE LAKE AUTOMATED SNOW PILLOW 2C14P											(99)	(94)			
	2110	Apr-01		761	724	105	174	110	994.	817.5	1001	-999			21
MOUNT ASSINIBOINE 2C15											(91)	(01)			
	2230	Mar-27	172	592	551	107		97	0	610	816	252	34	32	41

Basin KE KETTLE

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FARRON 2B02A											(74)	(01)			
	1229	Mar-28	78	258	330	78	5	35	311	356	480	162	33	34	41
CARMI 2E02											(75)	(92)			
	1254	Apr-05	20	72	142	51	-60	-5	134	132	290	14	36	30	51
MONASHEE PASS 2E01											(97)	(01)			
	1387	Mar-28	88	291	343	85	6	37	375	365	517	188	33	33	60
BIG WHITE MOUNTAIN 2E03											(74)	(01)			
	1672	Apr-02	125	450	507	89	22	81	478	508	762	332	36	34	48
BLUEJOINT MOUNTAIN 2E06											(99)	(01)			
	1990	Mar-28	201	736	742	99	20		692	796	1175	329	37	36	37

Basin LC LOWER COLUMBIA

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FERGUSON 2D02											(99)	(42)			
	929	Mar-28	134	498	587	85	28	48	620	716	881	142	37	41	70
FARRON 2B02A											(74)	(01)			
	1229	Mar-28	78	258	330	78	5	35	311	356	480	162	33	34	41

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
MONASHEE PASS 2E01											(97)	(01)			
	1387	Mar-28	88	291	343	85	6	37	375	365	517	188	33	33	60
WHATSHAN (UPPER) 2B05											(99)	(01)			
	1476	Mar-28	156	524	668	78	8	57	686	710	964	350	34	38	51
BARNES CREEK AUTOMATED SNOW PILLOW 2B06P											(97)	(00)			
	1595	Apr-01		549	546	101	112	106	570	585	803	-999			21
BARNES CREEK 2B06											(97)	(01)			
	1598	Mar-28	132	473	518	91	57	71	550	527	768	299	36	35	53
KOCH CREEK 2B07											(99)	(01)			
	1813	Mar-28	206	748	755	99	34	130	825	768	1156	397	36	36	51
ST. LEON CREEK AUTOMATED SNOW PILLOW 2B08P											(99)	(98)			
	1822	Apr-01		1165	1133	103	317	159	1211	1264	1553	-999			22
ST. LEON CREEK 2B08											(72)	(93)			
	1828	Mar-28	312	1227	1253	98	191	155	1442	0	1831	818	39	39	43
RECORD MOUNTAIN 2B09											(99)	(77)			
	1906	Mar-31	200	780	752	104	35	124	805	790	1307	315	39	36	37
EAST CREEK AUTOMATED SNOW PILLOW 2D08P											(91)	(01)			
	2004	Apr-01		825	922	89	215	132	1009	945	1246	412			32

Basin LF LOWER FRASER

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
SUMALLO RIVER WEST 3D01C											(12)	(05)			
	801	Mar-27	69	239	238	100	-33	461	288	461	0	35	42	21	
BROOKMERE 1C01											(72)	(05)			
	994	Mar-31	46	143	201	71	-29	7	223	220	399	51	31	30	68
DOG MOUNTAIN 3A10											(99)	(81)			
	1007	Mar-26	322	1540	1223	126	100	207	1525	1559	2720	51	48	45	63
CALLAGHAN CREEK 3A20											(99)	(81)			
	1009	Mar-30	160	882	902	98	148	132	1128	1280	1604	192	55	42	35
KLESILKWA 3D03A											(72)	(81)			
	1134	Mar-27	87	303	293	103	-3	416	357	792	0	35	38	62	
DICKSON LAKE 1D16											(99)	(05)			
	1147	Mar-27	421	2106	1547	136	284	0	0	2990	412	50	46	21	
STAVE LAKE 1D08											(99)	(05)			
	1211	Mar-27	353	1615	1554	104	269	1985	2083	2750	446	46	42	44	
DUFFEY LAKE 1C28											(99)	(81)			
	1253	Apr-01	122	536	507	106	146	48	646	732	866	244	44	37	36
WAHLEACH LAKE 1D09											(74)	(81)			
	1395	Mar-27	194	779	659	118	131	0	724	1270	125	40	37	44	
WAHLEACH LAKE AUTOMATED SNOW PILLOW 1D09P											(99)	(05)			
	1408	Apr-01		985	1154	85	178	199	911	993.6	1640	509			22

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
BARKERVILLE AUTOMATED SNOW PILLOW 1A03P	1483	Apr-01	105	375	387	97	95	68	439	414	(85)	(72)	36		37
NAHATLATCH RIVER 1D10	1530	Mar-27	323	1351	1417	95	223	0	2000	2410	(99)	(05)	42	42	44
GREAT BEAR AUTOMATED SNOW PILLOW 1D15P	1664	Mar-31		180	1784	10	0	361	180	180	(99)	(93)			23

Basin LI LIARD

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FORT NELSON AIRPORT 4C05	368	Mar-28	67	108	95	114	-27	-3	58	81	(67)	(98)	16	22	47
DEASE LAKE 4C03	805	Mar-31	67	160	136	118	7	11	67	113	(67)	(01)	24	24	48
SUMMIT LAKE 4C02	1291	Apr-01	32	75	114	66	-91	8	54	204	(96)	(00)	23	23	50
SIKANNI LAKE 4C01	1390	Mar-28	91	231	268	86	16	39	294	252	(92)	(00)	25	27	48

Basin MF MIDDLE FRASER

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
PUNTZI MOUNTAIN 1C22	939	Mar-30	12	40	31	129	-20	-32	0	64	(75)	(01)	33	31	41
BROOKMERE 1C01	994	Mar-31	46	143	201	71	-29	7	223	220	(72)	(05)	31	30	68
NAZKO 1C08	1029	Apr-04	7	23	61	38	-52	-19	73	117	(58)	(04)	33	29	51
BIG CREEK 1C21	1130	Mar-31	2	6	16	38	-48	-39	10	30	(91)	(03)	30	27	42
GRANITE MOUNTAIN 1C33A	1175	Mar-27	64	205	181	113	24	17	191	226	(08)	(10)	32	31	8
DUFFEY LAKE 1C28	1253	Apr-01	122	536	507	106	146	48	646	732	(99)	(81)	44	37	36
BRALORNE 1C14	1382	Mar-26	48	151	178	85	-7	9	204	200	(74)	(79)	31	31	48
BRENDA MINE 2F18	1453	Mar-27	83	253	318	80	53	31	295	0	(72)	(05)	30	32	43
SHOVELNOSE MOUNTAIN 1C29	1456	Mar-27	63	237	260	91	40	7	337	298	(99)	(05)	38	35	30
HIGHLAND VALLEY 1C09A	1457	Mar-27	47	128	96	133	20	7	140	130	(74)	(92)	27	27	46

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
DEADMAN RIVER 1C32										(11)	(92)			
	1463	Apr-01	37	120	105	114	-30	0	168	196	196	30	32	26
LAC LE JEUNE (UPPER) 1C25										(99)	(77)			
	1471	Mar-28	56	174	135	129	27	1	170	174	228	43	31	29
BOSS MOUNTAIN MINE AUTOMATED SNOW PILLOW 1C20P										(99)	(03)			
	1477	Apr-01	151	596	615	97	128	104	564	587	859	383	39	20
BARKERVILLE AUTOMATED SNOW PILLOW 1A03P										(85)	(72)			
	1483	Apr-01	105	375	387	97	95	68	439	414	532	-999	36	37
HORSEFLY MOUNTAIN 1C13A										(99)	(70)			
	1612	Mar-27	151	584	464	126	50	46	502	576	716	282	39	34
GNAWED MOUNTAIN 1C19										(74)	(05)			
	1617	Mar-27	57	146	126	116	24	15	195	120	307	21	26	27
MOUNT TIMOTHY 1C17										(74)	(81)			
	1632	Mar-28	115	364	327	111	79	42	353	340	533	186	32	31
YANKS PEAK EAST AUTOMATED SNOW PILLOW 1C41P										(99)	(03)			
	1683	Apr-01	210	889	829	107	175	129	943	894	1009	488	42	17
PENFOLD CREEK 1C23										(72)	(01)			
	1687	Apr-03	256	1055	1000	106		172	1173	1051	1285	641	41	38
MCGILLIVRAY PASS 1C05										(54)	(93)			
	1715	Mar-26	132	462	602	77		80	793	625	1118	322	35	35
GREEN MOUNTAIN AUTOMATED SNOW PILLOW 1C12P										(99)	(09)			
	1766	Apr-01		621	896	69	101	142	1054	952	1408	454.		20
DOWNTOWN LAKE (UPPER) 1C38										(99)	(09)			
	1884	Mar-26	190	678	900	75		145	0	984	1416	422	36	40
MISSION RIDGE AUTOMATED SNOW PILLOW 1C18P										(72)	(77)			
	1903	Apr-01		498	576	86	121	61	708	530.4	1006	158		37
TYAUGHTON CREEK (NORTH) 1C40										(99)	(09)			
	1946	Mar-26	108	350	432	81	212	64	550	514	844	264	32	33

Basin NC NORTH COAST

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
TAHTSA LAKE 1B02										(12)	(70)			
	1319	Mar-28	226	920	1179	78	45	154	1972	1313	1972	775	41	39
TAHTSA LAKE AUTOMATED SNOW PILLOW 1B02P										(07)	(96)			
	1319	Apr-01		882	1212	73	109	128	1849	1273	2240	0		21

Basin NE NECHAKO

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
SKINS LAKE 1B05										(74)	(03)			
	877	Mar-28	38	100	111	90	8	-4	92	118	203	0	26	30

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
TAHTSA LAKE 1B02	1319	Mar-28	226	920	1179	78	45	154	1972	1313	1972	775	41	39	60
TAHTSA LAKE AUTOMATED SNOW PILLOW 1B02P	1319	Apr-01		882	1212	73	109	128	1849	1273	2240	0			21
MOUNT PONDOSY AUTOMATED SNOW PILLOW 1B08P	1413	Apr-01		529	798	66	363	88	1155	744	1159	1.92			21
KIDPRICE LAKE 4B01	1415	Mar-28	170	694	919	76	58	117	1781	973	1781	622	41	39	58
MOUNT WELLS 1B01	1489	Mar-28	118	409	524	78	55	60	706	516	960	273	35	34	58
MOUNT WELLS AUTOMATED SNOW PILLOW 1B01P	1489	Apr-01		419	573	73	79	78	798	539	872	8.56			21

Basin NT NORTH THOMPSON

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
BLUE RIVER 1E01B	673	Mar-27	82	300	276	109	48	-14	382	368	425	154	37	34	31
KNOUFF LAKE 1E05	1189	Apr-01	58	174	144	121	24	11	176	109	274	58	30	29	57
BOSS MOUNTAIN MINE AUTOMATED SNOW PILLOW 1C20P	1477	Apr-01	151	596	615	97	128	104	564	587	859	383	39		20
AZURE AUTOMATED SNOW PILLOW 1E08P	1625	Apr-01	261	1222	1155	106	228	175	1386	1135	1545	679	47		17
KOSTAL LAKE AUTOMATED SNOW PILLOW 1E10P	1760	Apr-01	234	894	878	102	195	145	983	899	1165	608	38		29
ADAMS RIVER 1E07	1769	Mar-29	196	769	707	109	199	132	0	0	1069	435	39	35	42
TROPHY MOUNTAIN 1E03A	1907	Mar-30	159	568	545	104	136	92	0	0	888	332	36	33	36

Basin OK OKANAGAN

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
ABERDEEN LAKE 1F01A	1262	Mar-26	45	143	143	100	3	-2	153	0	259	6	32	29	71
MCCULLOCH 2F03	1266	Mar-28	53	165	155	106	-14	-2	189	204	249	38	31	29	78
SUMMERLAND RESERVOIR 2F02	1304	Mar-28	68	224	226	99	43	12	239	305	389	96	33	31	73
POSTILL LAKE 2F07	1358	Mar-28	63	190	224	85	21	38	241	203	348	109	30	30	64

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
OYAMA LAKE 2F19											(97)	(92)			
	1365	Mar-28	47	136	170	80	26	13	174	163	255	61	29	29	43
VASEUX CREEK 2F20											(72)	(05)			
	1403	Mar-27	41	104	157	66	-10	18	118	154	239	40	25	28	43
BOULEAU LAKE 2F21											(75)	(09)			
	1405	Mar-31	97	324	354	92	48	59	246	264	564	192	33	30	39
TROUT CREEK 2F01											(72)	(92)			
	1428	Mar-27	66	206	182	113	9	13	248	0	396	52	31	29	68
ESPERON CR (MIDDLE) 2F14											(74)	(01)			
	1440	Mar-31	94	342	372	92		57	296	322	607	196	36	33	45
BRENDA MINE 2F18											(72)	(05)			
	1453	Mar-27	83	253	318	80	53	31	295	0	531	159	30	32	43
BRENDA MINES AUTOMATED SNOW PILLOW 2F18P											(97)	(07)			
	1453	Apr-01		275	394	70	19	52	341	385	502	****			21
ISLAHT LAKE 2F24											(99)	(01)			
	1492	Apr-04	80	259	349	74	-27	32	227	292	501	165	32	33	32
GREYBACK RESERVOIR 2F08											(72)	(63)			
	1548	Mar-26	91	253	233	109	35	35	298	280	351	114	28	28	60
ESPERON CR (UPPER) 2F13											(74)	(01)			
	1634	Mar-31	115	410	435	94	56	64	384	376	805	244	36	34	45
ISINTOK LAKE 2F11											(74)	(92)			
	1651	Mar-28	57	176	183	96	25	19	200	169	340	66	31	28	46
MACDONALD LAKE 2F23											(99)	(77)			
	1742	Mar-27	128	428	463	92	105	69	380	0	677	257	33	34	35
WHITEROCKS MOUNTAIN 2F09											(74)	(01)			
	1789	Mar-31	157	601	586	103	114	87	563	550	1021	318	38	37	61
MISSION CREEK AUTOMATED SNOW PILLOW 2F05P											(99)	(94)			
	1794	Apr-01	140	548	472	116	91	84	549	230	743	0	39		44
MOUNT KOBAU 2F12											(74)	(79)			
	1817	Mar-27	127	496	318	156	49	59	312	405	602	105	39	30	48
SILVER STAR MOUNTAIN 2F10											(74)	(60)			
	1834	Mar-29	205	854	760	112	105	124	740	794	1115	414	42	38	55

Basin PC PEACE

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FORT ST. JOHN AIRPORT 4A25											(07)	(92)			
	692	Apr-03	56	154	102	151	25	-5	70	103	226	0	28	27	39
PACIFIC LAKE 1A11											(12)	(78)			
	756	Mar-26	239	920	628	146	188	59	1060	733	1060	290	38	37	50
WARE (LOWER) 4A04											(92)	(84)			
	969	Mar-28	77	190	188	101	19	24	215	164	316	118	25	26	42

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
							(mm)	(mm)							
PHILIP LAKE 4A13											(07)	(01)			
	1013	Mar-27	109	322	287	112	78	35	357	302	449	176	30	29	47
TUTIZZI LAKE 4A06											(67)	(80)			
	1043	Mar-27	86	231	255	91	2	25	349	294	406	166	27	29	49
AIKEN LAKE AUTOMATED SNOW PILLOW 4A30P											(92)	(95)			
	1061	Apr-01		202	258	78	22	16	329	263	382	-999			28
TSAYDAYCHI LAKE 4A12											(07)	(78)			
	1173	Mar-27	117	363	394	92	41	52	575	435	639	277	31	30	47
KAZA LAKE 1A12											(12)	(10)			
	1247	Mar-27	110	346	338	102	38	41	476	365	476	220	31	29	49
FREDRICKSON LAKE 4A10											(67)	(69)			
	1323	Mar-27	84	221	245	90	32	31	259	200	351	163	26	27	49
PULPIT LAKE 4A09											(09)	(80)			
	1331	Mar-28	139	439	402	109	13	45	516	410	618	297	32	30	49
PULPIT LAKE AUTOMATED SNOW PILLOW 4A09P											(07)	(06)			
	1331	Apr-01		438	411	107	49	50	527	445	622.	338.			23
PINE PASS AUTOMATED SNOW PILLOW 4A02P											(07)	(92)			
	1386	Apr-01		964	1101	88	87	180	1488	878	1551	-999			25
SIKANNI LAKE 4C01											(92)	(00)			
	1390	Mar-28	91	231	268	86	16	39	294	252	380	194	25	27	48
TRYGVGE LAKE 4A11											(07)	(69)			
	1409	Mar-27	111	328	359	91	16	44	452	344	511	257	30	29	49
MORFEE MOUNTAIN 4A16											(73)	(83)			
	1427	Mar-26	217	863	854	101	167	115	1003	934	1158	555	40	38	46
PINE PASS 4A02											(12)	(80)			
	1439	Mar-26	295	1179	1150	103	211	145	1731	1116	1731	668	40	38	51
LADY LAURIER LAKE 4A07											(07)	(70)			
	1446	Mar-28	136	414	503	82	35	65	694	523	854	384	30	31	48
JOHANSON LAKE 4B02											(67)	(80)			
	1480	Mar-27	96	272	291	93	35	38	341	278	417	173	28	28	49
MOUNT SHEBA 4A18											(07)	(93)			
	1480	Mar-26	265	1010	825	122		110	1181	1036	1294	495	38	36	44
GERMANSEN (UPPER) 4A05											(76)	(81)			
	1489	Mar-27	114	326	352	93	52	50	488	391	523	261	29	29	47
MOUNT STEARNS 4A21											(96)	(00)			
	1514	Mar-28	68	151	148	102	15	25	110	151	239	59	22	23	37
WARE (UPPER) 4A03											(96)	(80)			
	1563	Mar-28	102	266	254	105	19	34	235	255	390	157	26	26	44
MONKMAN CREEK 4A20											(76)	(03)			
	1566	Mar-26	210	717	593	121	178	71	796	0	1067	313	34	34	39

Basin SC SOUTH COAST

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
							(mm)	(mm)							
POWELL RIVER (LOWER) 3A05	882	Mar-27	268	1138	743	153			0	1257	1554	85	42	40	36
PALISADE LAKE 3A09	898	Mar-26	342	1610	1440	112	155	257	0	0	3560	285	47	45	58
POWELL RIVER (UPPER) 3A02	1002	Mar-27	196	888	1046	85			0	1610	1813	511	45	42	45
DOG MOUNTAIN 3A10	1007	Mar-26	322	1540	1223	126	100	207	1525	1559	2720	51	48	45	63
CALLAGHAN CREEK 3A20	1009	Mar-30	160	882	902	98	148	132	1128	1280	1604	192	55	42	35
GROUSE MOUNTAIN 3A01	1126	Mar-28	337	1650	1203	137	10	206	1590	1640	2670	44	49	45	72
ORCHID LAKE 3A19	1178	Mar-26	417	1953	1905	103	183	337	0	2650	3770	748	47	45	36
SQUAMISH (UPPER) AUTOMATED SNOW PILLOW 3A25P	1387	Apr-01	340	1582	1620	98	255	240	1961	2183	2750	-999	47		24

Basin SI SIMILKAMEEN

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
							(mm)	(mm)							
BROOKMERE 1C01	994	Mar-31	46	143	201	71	-29	7	223	220	399	51	31	30	68
LIGHTNING LAKE 3D02	1254	Mar-29	84	276	305	90	32	23	445	345	622	60	33	33	64
HAMILTON HILL 2G06	1477	Mar-30	62	213	356	60	2	30	367	294	851	83	34	33	54
MISSEZULA MOUNTAIN 2G05	1602	Mar-31	62	166	242	69	24	21	0	234	361	90	27	31	48
ISINTOK LAKE 2F11	1651	Mar-28	57	176	183	96	25	19	200	169	340	66	31	28	46
BLACKWALL PEAK AUTOMATED SNOW PILLOW 2G03P	1934	Apr-01	179	713	833	86	122	105	1134	944	1494	379	40		46
LOST HORSE MOUNTAIN 2G04	1988	Mar-31	84	248	243	102	30	39	0	292	533	138	30	27	52

Basin SK SKAGIT

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec	
							(mm)	(mm)								
SUMALLO RIVER WEST 3D01C	801	Mar-27	69	239	238	100			-33	461	288	461	0	35	42	21
KLESILKWA 3D03A	1134	Mar-27	87	303	293	103			-3	416	357	792	0	35	38	62



Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
LIGHTNING LAKE 3D02											(56)	(05)			
	1254	Mar-29	84	276	305	90	32	23	445	345	622	60	33	33	64

Basin SN SKEENA/NASS

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
BEAR PASS 4B11A											(07)	(10)			
	437	Mar-28	142	544	706	77	34	96	771	550	1013	330	38	40	29
NINGUNSAW PASS 4B10											(07)	(98)			
	647	Mar-27	108	324	438	74	-6	30	554	248	730	231	30	37	39
MCKENDRICK CREEK 4B07											(72)	(81)			
	1048	Mar-26	91	265	297	89	39	28	362	322	427	183	29	31	45
TACHEK CREEK 4B06											(97)	(69)			
	1133	Mar-27	86	242	232	104	58	26	328	272	362	112	28	27	45
KAZA LAKE 1A12											(12)	(10)			
	1247	Mar-27	110	346	338	102	38	41	476	365	476	220	31	29	49
LU LAKE 4B15											(07)	(03)			
	1296	Mar-27	93	272	318	86	62	49	456	332	504	162	29	30	37
TRYGVE LAKE 4A11											(07)	(69)			
	1409	Mar-27	111	328	359	91	16	44	452	344	511	257	30	29	49
KIDPRICE LAKE 4B01											(12)	(70)			
	1415	Mar-28	170	694	919	76	58	117	1781	973	1781	622	41	39	58
EQUITY MINE 4B14											(97)	(03)			
	1434	Mar-27	111	332	405	82	58	54	556	420	640	258	30	32	37
HUDSON BAY MTN. 4B03A											(76)	(80)			
	1452	Mar-26	128	392	524	75	36	65	651	550	846	356	31	34	42
JOHANSON LAKE 4B02											(67)	(80)			
	1480	Mar-27	96	272	291	93	35	38	341	278	417	173	28	28	49
CHAPMAN LAKE 4B04											(73)	(80)			
	1485	Mar-26	125	404	474	85	40	60	672	560	762	315	32	33	48
MOUNT CRONIN 4B08											(76)	(80)			
	1491	Mar-26	147	512	612	84	58	90	743	716	1097	433	35	35	45

Basin ST SOUTH THOMPSON

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
ANGLEMONT 1F02											(65)	(92)			
	1168	Mar-29	87	334	353	95	30	16	324	400	561	142	38	37	58
ABERDEEN LAKE 1F01A											(75)	(92)			
	1262	Mar-26	45	143	143	100	3	-2	153	0	259	6	32	29	71
MONASHEE PASS 2E01											(97)	(01)			
	1387	Mar-28	88	291	343	85	6	37	375	365	517	188	33	33	60

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
BOULEAU LAKE 2F21	1405	Mar-31	97	324	354	92	48 59	246	264	(75) 564	(09) 192	33	30	39
KIRBYVILLE LAKE 2A25	1739	Mar-26	321	1324	1189	111	186 203	1360	1234	(99) 1816	(77) 701	41	40	40
SILVER STAR MOUNTAIN 2F10	1834	Mar-29	205	854	760	112	105 124	740	794	(74) 1115	(60) 414	42	38	55
PARK MOUNTAIN AUTOMATED SNOW PILLOW 1F03P	1857	Apr-01	231	947	867	109	194 128	801	903	(97) 1207	(01) 499	41		29
ENDERBY 1F04	1948	Apr-04	277	1171	1019	115	141 160	1115	1501	(11) 1501	(79) 610	42	37	48

Basin TA STIKINE/TAKU

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
TELEGRAPH CREEK 4D01	490	Mar-27	49	121	156	78	5 0	0	94	(89) 343	(84) 37	25	29	37
NINGUNSAW PASS 4B10	647	Mar-27	108	324	438	74	-6 30	554	248	(07) 730	(98) 231	30	37	39
DEASE LAKE 4C03	805	Mar-31	67	160	136	118	7 11	67	113	(67) 259	(01) 50	24	24	48
ISKUT 4D02	931	Mar-27	44	94	107	88	8 0	106	126	(07) 180	(84) 0	21	25	39

Basin UC UPPER COLUMBIA

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
DOWNIE SLIDE (LOWER) 2A27	964	Mar-26	163	624	680	92	4 49	858	838	(99) 1062	(01) 448	38	40	36
GLACIER 2A02	1249	Mar-26	155	660	730	90	118 99	976	771	(72) 1161	(42) 376	43	39	75
FIELD 2A03A	1310	Apr-02	28	71	153	46	-11 -9	151	236	(67) 251	(40) 8	25	29	71
VERMONT CREEK 2A19	1533	Mar-27	125	425	446	95	65 46	603	568	(67) 843	(01) 190	34	34	45
DOWNIE SLIDE (UPPER) 2A29	1628	Mar-26	336	1332	1347	99	92 208	1570	1278	(99) 2360	(93) 858	40	40	35
KICKING HORSE 2A07	1648	Apr-02	90	280	346	81	39 38	381	318	(72) 589	(01) 185	31	31	63
KIRBYVILLE LAKE 2A25	1739	Mar-26	321	1324	1189	111	186 203	1360	1234	(99) 1816	(77) 701	41	40	40
MOUNT REVELSTOKE AUTOMATED SNOW PILLOW 2A06P	1770	Apr-01		1223	1230	99	255 216	19	833	(99) 1688	(94) -999			21

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
KEYSTONE CREEK 2A18	1839	Mar-26	222	856	827	104	136	131	1037	901	(99)	(01)	39	37	45
FIDELITY MOUNTAIN 2A17	1852	Mar-27	321	1269	1248	102	306	167	1740	1250	(67)	(93)	40	39	49
GOLDSTREAM 2A16	1914	Mar-26	320	1236	1157	107	230	189	1410	1230	(67)	(93)	39	39	48
BEAVERFOOT 2A11	1924	Mar-27	69	196	222	88	40	30	284	258	(72)	(84)	28	27	62
MOLSON CREEK AUTOMATED SNOW PILLOW 2A21P	1930	Apr-01		1080	1014	107	234	149	1384	922.5	(07)	(91)			33
BUSH RIVER 2A23	1982	Mar-26	221	862	865	100		138	0	782	(72)	(93)	39	38	44
MOUNT ABBOT 2A14	2031	Mar-26	316	1282	1256	102	322	205	1623	1216	(72)	(93)	41	39	50
SUNBEAM LAKE 2A22	2066	Mar-26	248	983	917	107	169	137	1216	1021	(72)	(01)	40	37	44

Basin UF UPPER FRASER

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
PRINCE GEORGE AIRPORT 1A10	684	Apr-02	62	175	118	148	35	-18	143	183	(82)	(05)	28	30	52
PACIFIC LAKE 1A11	756	Mar-26	239	920	628	146	188	59	1060	733	(12)	(78)	38	37	50
BURNS LAKE 1A16	820	Apr-03	56	112	129	87	2	-14	162	132	(97)	(81)	20	27	44
PHILIP LAKE 4A13	1013	Mar-27	109	322	287	112	78	35	357	302	(07)	(01)	30	29	47
HEDRICK LAKE 1A14	1113	Mar-26	287	1066	688	155	216	70	1041	891	(67)	(78)	37	37	46
KAZA LAKE 1A12	1247	Mar-27	110	346	338	102	38	41	476	365	(12)	(10)	31	29	49
LU LAKE 4B15	1296	Mar-27	93	272	318	86	62	49	456	332	(07)	(03)	29	30	37
EQUITY MINE 4B14	1434	Mar-27	111	332	405	82	58	54	556	420	(97)	(03)	30	32	37
MOUNT SHEBA 4A18	1480	Mar-26	265	1010	825	122		110	1181	1036	(07)	(93)	38	36	44
BARKERVILLE AUTOMATED SNOW PILLOW 1A03P	1483	Apr-01	105	375	387	97	95	68	439	414	(85)	(72)	36		37
KNUDSEN LAKE 1A15	1598	Mar-26	258	941	826	114	206	104	1264	925	(12)	(93)	36	36	46

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
REVOLUTION CREEK AUTOMATED SNOW PILLOW 1A17P	1676	Apr-01	282	963	798	121	165 102	1292	816	1292	(12) (86)	34		29
LONGWORTH (UPPER) 1A05	1693	Mar-26	317	1220	784	156	416 110	1150	0	1234	(64) (78)	38	36	59
YELLOWHEAD AUTOMATED SNOW PILLOW 1A01P	1847	Apr-01	137	473	593	80	129 94	732	538	803	(99) (97)	35		17

Basin VI VANCOUVER ISLAND

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
ELK RIVER 3B04	270	Apr-03	0	0	89	n/a	0 -25	0	0	607	(56) (00)	n/a	42	55
WOLF RIVER (LOWER) 3B19	615	Apr-03	68	326	381	86	-112 34	650	846	1198	(99) (81)	48	39	43
UPPER THELWOOD LAKE 3B10	1014	Apr-03	344	1634	1554	105	46 350	2158	2287	3200	(99) (05)	48	42	55
WOLF RIVER (MIDDLE) 3B18	1050	Apr-03	157	640	664	96	-56 132	828	1062	1706	(99) (92)	41	36	43
FORBIDDEN PLATEAU 3B01	1110	Apr-03	319	1529	1595	96	112 316	2188	2565	3550	(99) (05)	48	43	59
JUMP CREEK AUTOMATED SNOW PILLOW 3B23P	1134	Apr-01	257	1269	1208	105	37 231	1708	1864	3000	(99) (99)	49		18
MOUNT COKELY 3B02A	1267	Mar-27	227	1086	864	126	163 0	1378	2100	2100	(99) (81)	48	41	33
WOLF RIVER (UPPER) AUTOMATED SNOW PILLOW 3B17P	1422	Apr-01		1221	1420	86	151 242	1220	2054	2600	(99) (05)			30

Basin WK WEST KOOTENAY

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FERGUSON 2D02	929	Mar-28	134	498	587	85	28 48	620	716	881	(99) (42)	37	41	70
NELSON 2D04	952	Mar-28	62	210	372	56	16 19	393	352	622	(56) (41)	34	36	75
SANDON 2D03	1072	Mar-31	78	249	357	70	-16 10	0	0	585	(82) (41)	32	39	71
CHAR CREEK 2D06	1290	Apr-01	123	445	563	79	20 87	620	545	940	(74) (01)	36	37	48
GRAY CREEK (LOWER) 2D05	1558	Mar-26	131	413	472	88	45 66	645	662	688	(72) (70)	32	34	64
KOCH CREEK 2B07	1813	Mar-28	206	748	755	99	34 130	825	768	1156	(99) (01)	36	36	51

Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
MOUNT TEMPLEMAN 2D09	1879	Mar-27	281	1086	1076	101	141	0	0	1608	688	(72) (93)	39	39	41
GRAY CREEK (UPPER) 2D10	1926	Mar-26	222	785	783	100	126	132	1048	956	1123	(72) (01)	35	36	44
EAST CREEK AUTOMATED SNOW PILLOW 2D08P	2004	Apr-01		825	922	89	215	132	1009	945	1246	(91) (01)			32