



Snow Survey and Water Supply Bulletin May 1st, 2014

The May 1st snow survey is now complete. Data from 128 snow courses and 51 snow pillows around the province and out-of-province sampling locations, and climate data from Environment Canada form the basis for the following report¹.

Weather

April saw mixed weather across the province, with shifts between periods of unsettled conditions and drier spells which were warmer in the south and west, and colder in the north and east (influenced by arctic air). Cool and unsettled weather dominated the last 1-2 weeks of the month.

Temperatures through April were generally 0.5-2 °C below normal in the Interior and North-East, 0.5-1 °C above normal on the South Coast and Vancouver Island, and variable through the South Interior, Kootenay and Columbia.

As the result of the dominant wet pattern at the end of the month most regions of the province experienced above normal precipitation through April. Well above normal precipitation occurred in the North, North-East, North Coast, South Interior and areas of the Okanagan. Below normal precipitation was observed in the Cariboo/Chilcotin and in the Similkameen.

Snowpack

The combination of cooler and unsettled weather at the end of April has led to a delay in the onset of the snow melt season and increased snow water equivalents in many regions. May 1st Snow Basin Indices increased from April 1st values in all areas of the province except the South Coast, West Kootenay and Skagit. Snow Basin Indices are well above normal (>120%) in the Upper Fraser, Okanagan-Kettle, East Kootenay, Similkameen, Skagit and Liard basins. In the East Kootenay, Similkameen, Skagit and Liard basins, elevated May 1st snow basin indices are largely the result of the delay in the snow melt season rather than significant growth in the snow pack since the April 1st survey. Increases from April's Snow Basin Indices in other watersheds are the result of delayed snow melt and increased snow packs. The Liard snow index is slightly higher than 2013 while the Upper Fraser snow index is slightly higher than 2013 but lower than 2012 (see Appendix below). Snow Basin Indices are below normal (<90%) in the Nechako, South Coast, Central Coast and on Vancouver Island. Near-normal to moderately elevated (90-120%) snow basin indices are present in remaining regions of the province. The entire Fraser Basin Index (i.e. upstream from the Fraser Valley) is currently at 105% of the long-term average.

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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Table 1 - BC Snow Basin Indices – May 1, 2014

Basin	% of Normal	Basin	% of Normal
Upper Fraser	142	Okanagan-Kettle	128
Nechako	81	Similkameen	172
Middle Fraser	107	South Coast	80
Lower Fraser	87	Vancouver Island	65
North Thompson	102	Central Coast	68
South Thompson	114	Skagit	148
Fraser River – All Basins	105	Peace	107
Upper Columbia	106	Skeena-Nass	108
Lower Columbia	104	Stikine	108
East Kootenay	135	Liard	249 ¹
West Kootenay	118	Northwest	69

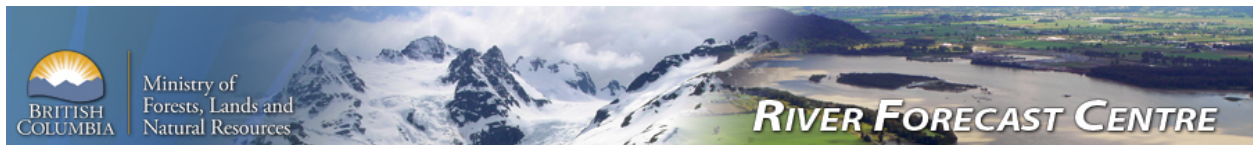
¹ The official Liard index is based on only 2 measurements which, at this time of year, can result in skewed data. The index provided here incorporates other sites in an attempt to get better representation for the watershed. Anecdotal observations suggest that some areas of the Liard have near normal snow packs.

Outlook

With a slight delay in the onset of the melt season and small increases in the size of the snow pack in some regions, seasonal flood risk is moderately elevated in the South Thompson, West Kootenay, and Okanagan-Kettle basins. Seasonal flood risk is high in the Upper Fraser, East Kootenay, Similkameen and Liard basins. Elsewhere in the province, including the entire Fraser River basin, seasonal flood risk is considered normal. Caution should be used in interpreting flood risk from May 1st Snow Basin Indices, as very high values can be the result of delayed snow melt, rather than unusually large overall snow water equivalents. This is particularly the case in the Similkameen and Liard basins.

Weather during the snow melt season is a critical factor in determining if flooding will occur. Adverse weather, including extended periods of heat or high intensity or prolonged precipitation, can result in flooding in years with normal, or even below normal snow packs. Across most of the province, warm weather in early May has led to ripening of the snow at mid-to-high elevations. As a result, most basins are now in the melt season where adverse weather conditions could pose a flood risk. This seasonal risk is expected to continue through late-June or into early-July depending on the rate at which snow melt occurs.

Below normal seasonal runoff during the spring melt is expected in the south-west (Vancouver Island and South Coast, Central Coast and Lower Fraser) due to low snow packs (65-80%). Spring and summer weather conditions will be the key factor in determining whether or not drought and low flows will occur during summer and early fall.



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Seasonal volume runoff forecasts (in Appendix below) have higher than normal runoff (112-136%) forecasted in the Upper Fraser, Nicola Lake, Okanagan and Similkameen basins, and near normal or slightly below normal runoff (85-111%) forecasted in the Middle Fraser, Thompson, Skeena and Cowichan basins. Actual seasonal volume runoff can vary greatly depending on spring and summer weather conditions. Note that the forecast for the Cowichan River is based on a scenario of 'normal' summer weather.

Current medium-range forecasts from the North American Ensemble Forecast System indicate a high likelihood of above normal temperatures through the May 15-22 period. Similarly, the current extended forecast is for warmer weather, particularly in south and south-west BC starting next week (May 13th). If warmer weather occurs into the middle of May, increased snow melt and a period of higher river levels can be expected.

Seasonal weather forecasts from Environment Canada indicate an increased chance of above normal temperatures for the May to July 2014 period through most of British Columbia, with the highest likelihood of above normal temperatures on Vancouver Island and south-west BC.

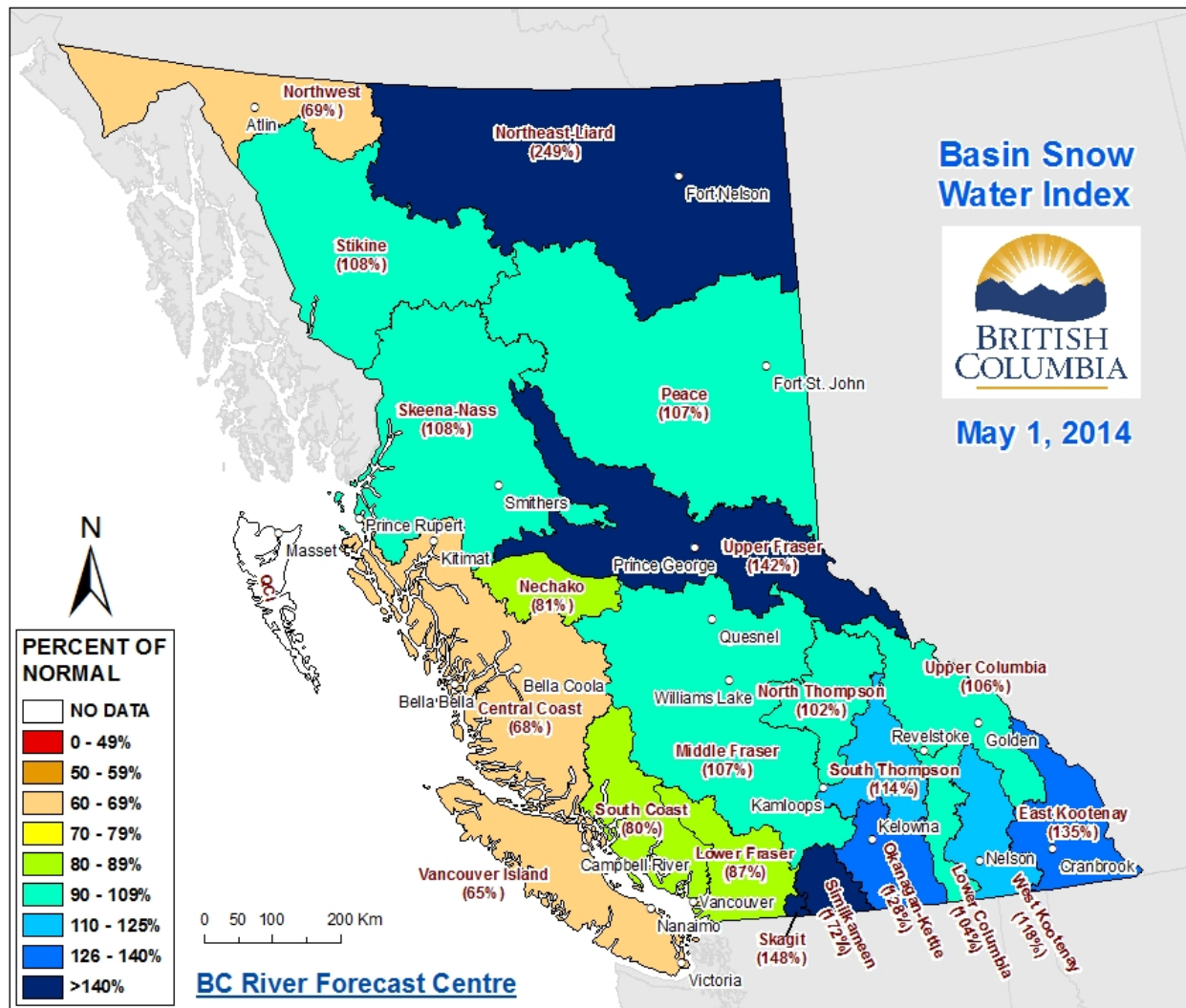
The River Forecast Centre will continue to monitor snow pack conditions and will provide an updated seasonal water supply and flood risk assessment in the May 15th 2014 Snow Bulletin, scheduled for release on May 23rd, 2014.

Produced by: BC River Forecast Centre
May 8, 2014



Snow Survey and Water Supply Bulletin May 1st, 2014

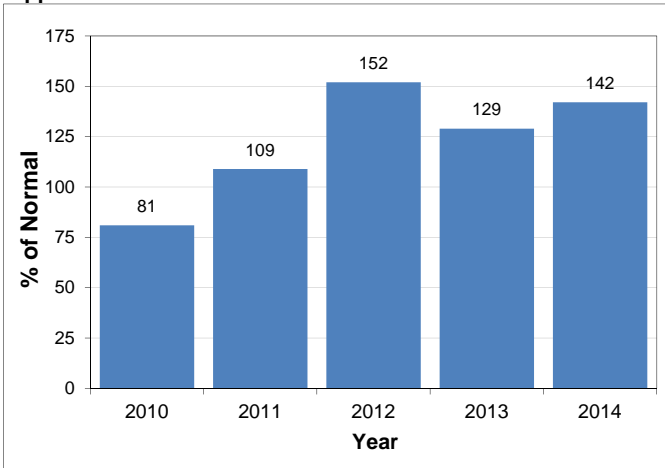
Figure 1: Basin Snow Water Index – May 1st, 2014



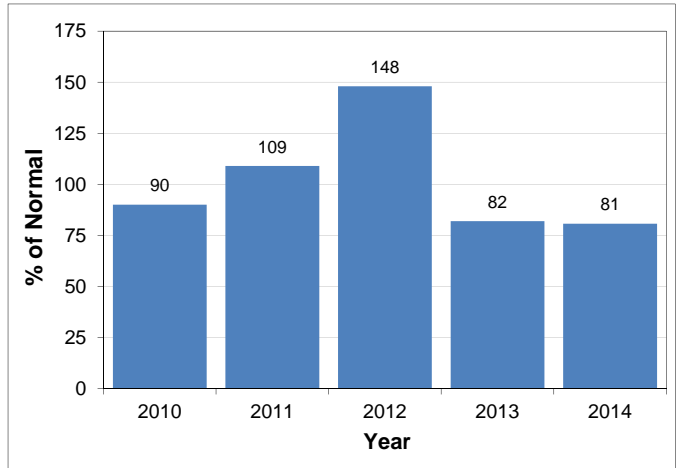
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Snow Basin Index Graphs - May 1, 2014

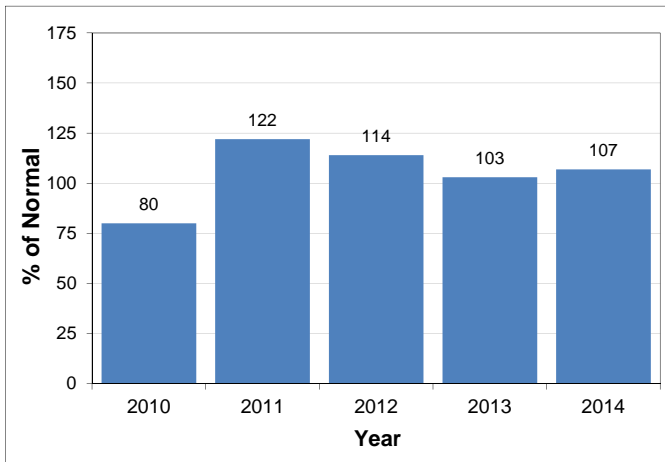
Upper Fraser



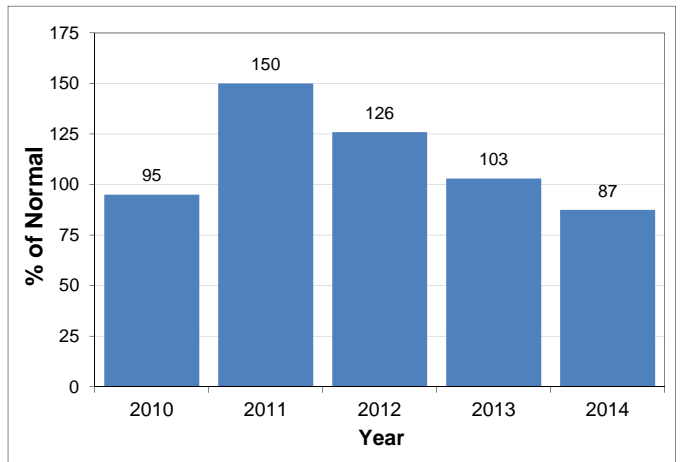
Nechako



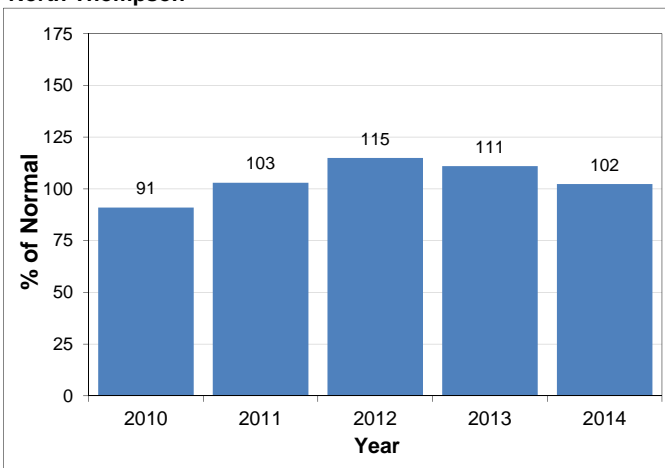
Middle Fraser



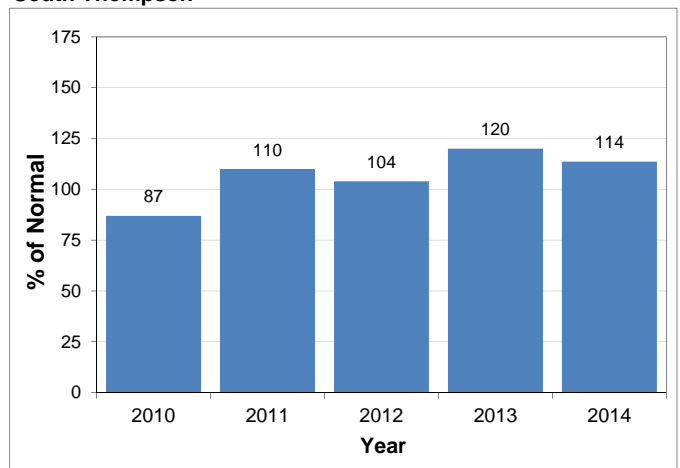
Lower Fraser



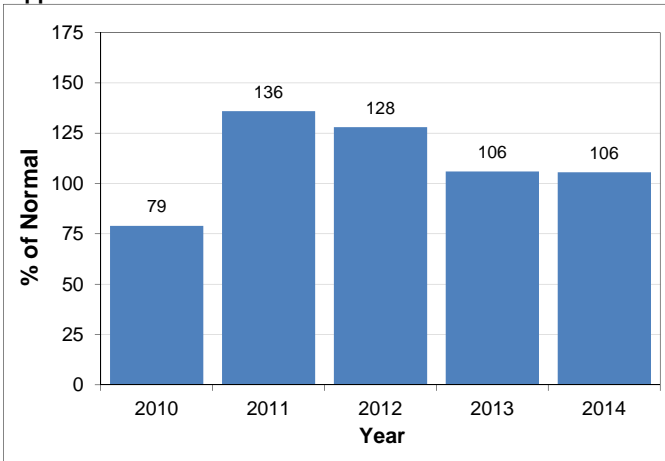
North Thompson



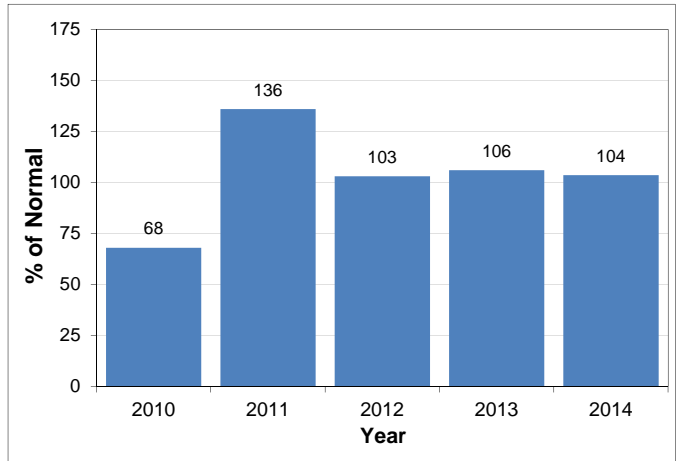
South Thompson



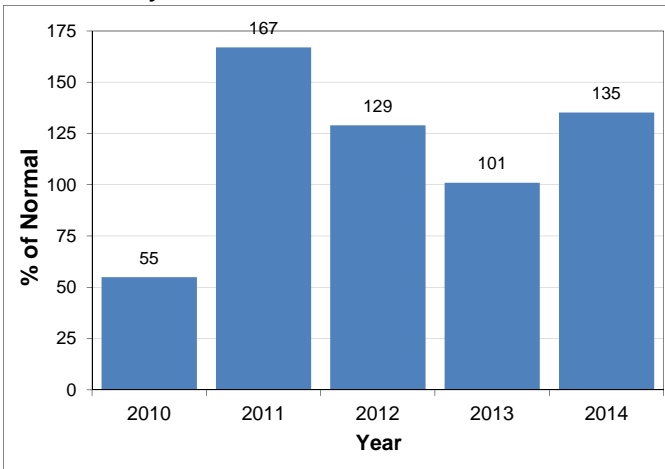
Upper Columbia



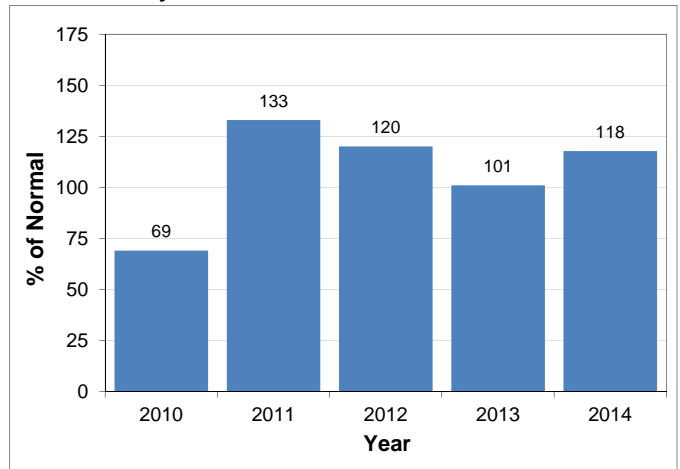
Lower Columbia



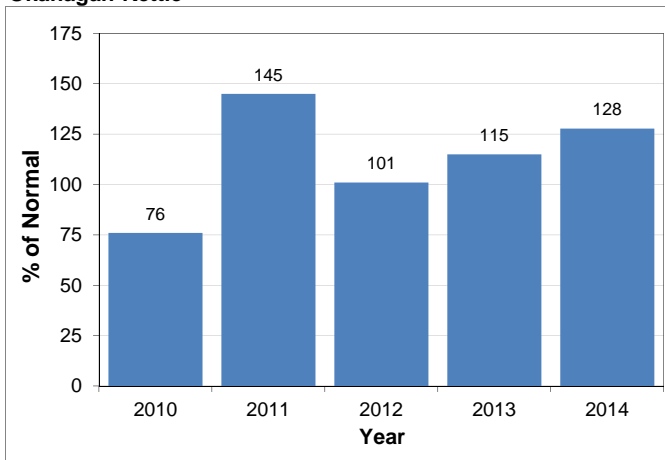
East Kootenay



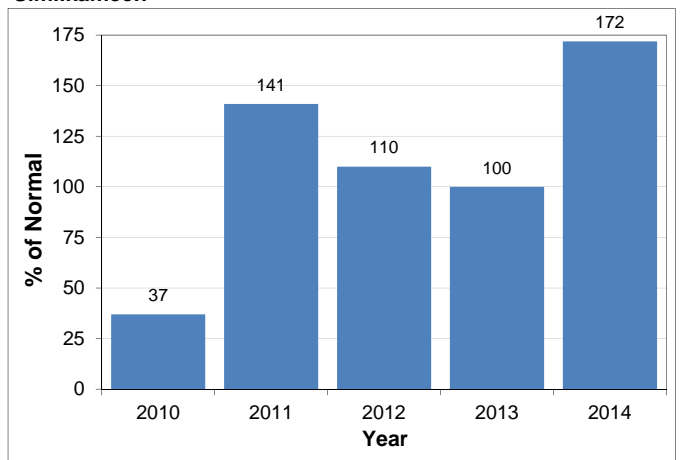
West Kootenay



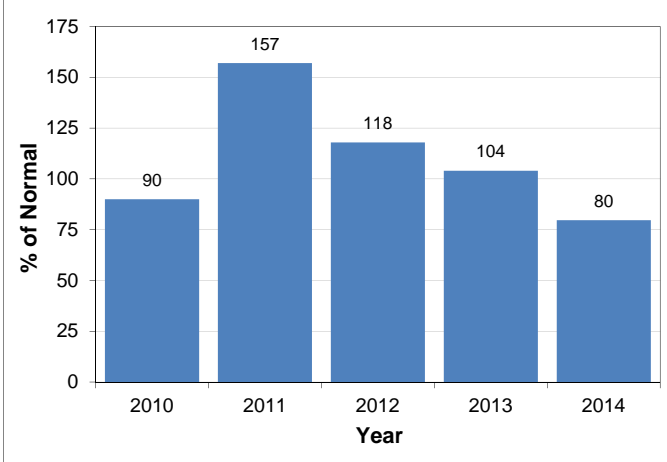
Okanagan-Kettle



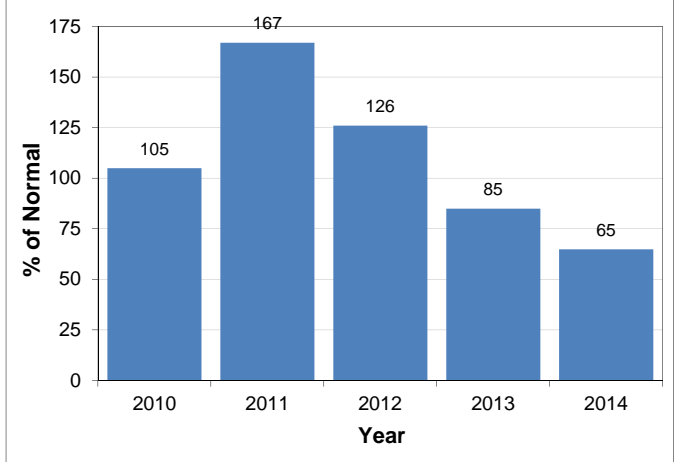
Similkameen



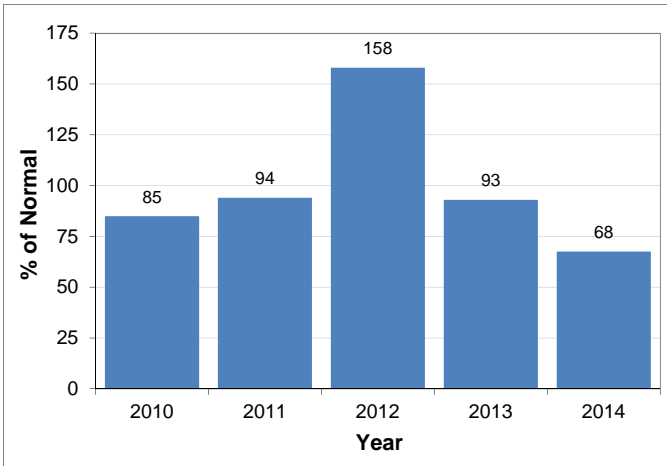
South Coast



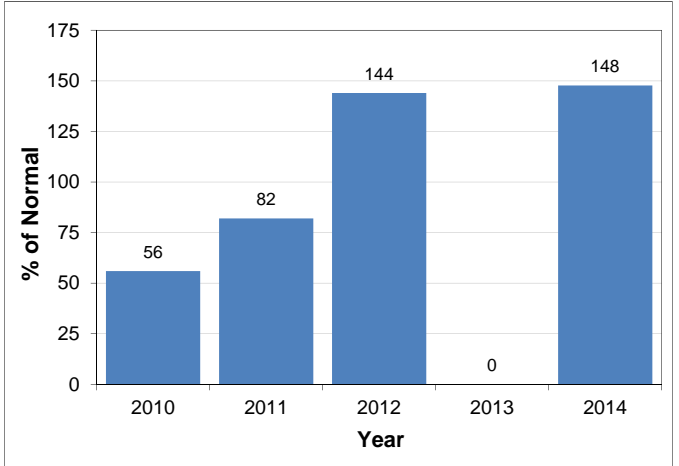
Vancouver Island



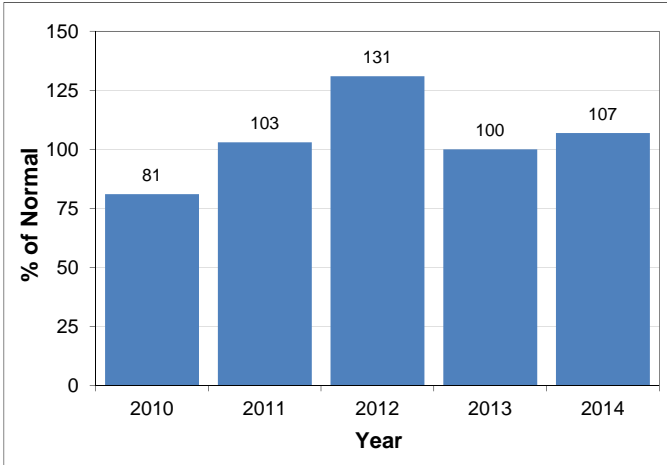
Central Coast



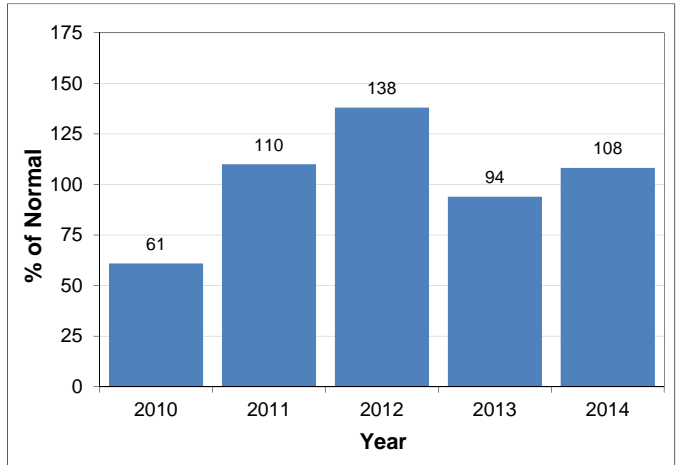
Skagit



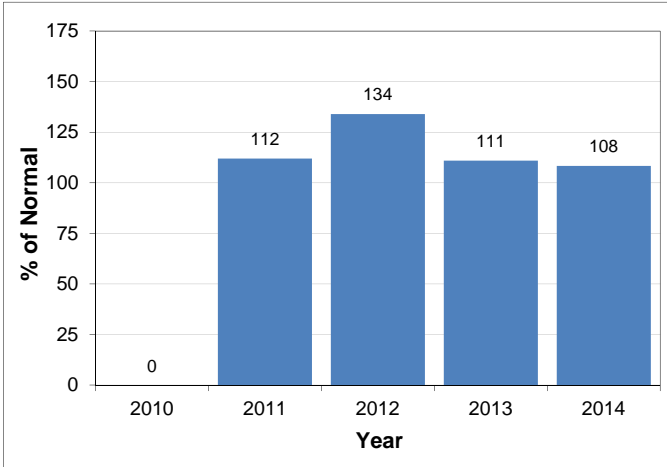
Peace



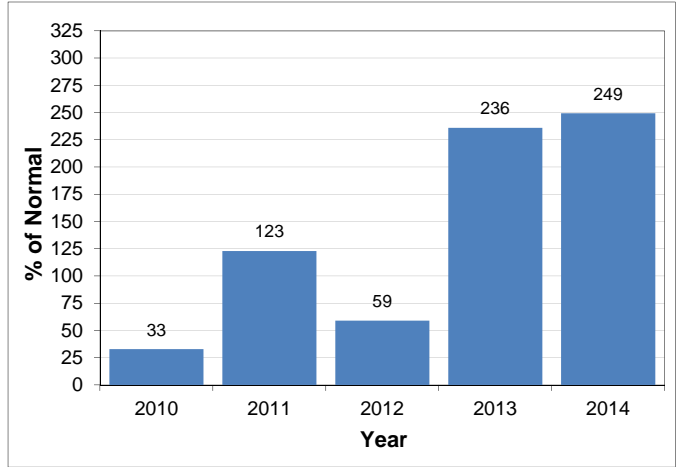
Skeena-Nass



Stikine



Northeast-Liard



Ministry of Forests, Lands and Natural Resource Operations
River Forecast Centre
Volume Runoff Forecast May 2014

Location	May - Jun Runoff				May - Jul Runoff				May - Sep Runoff			
	Forecast (kdam ³)	Normal (1981-2010) (kdam ³)	% of Normal	Std. Error (kdam ³)	Forecast (kdam ³)	Normal (1981-2010) (kdam ³)	% of Normal	Std. Error (kdam ³)	Forecast (kdam ³)	Normal (1981-2010) (kdam ³)	% of Normal	Std. Error (kdam ³)
Upper Fraser Basin	Fraser at McBride				3511	3534	99%	297	4998	5000	100%	373
	McGregor at Lower Canyon				4834	3552	136%	376	6023	4598	131%	563
	Fraser at Shelley				17392	13672	127%	1070	19776	17732	112%	1657
Middle Fraser Basin	Quesnel River at Quesnel				4551	4117	111%	396	6032	5448	111%	574
Thompson Basin	N. Thompson at McLure				8390	8209	102%	425	10715	10379	103%	785
	S. Thompson at Chase				5344	5298	101%	403	6963	6865	101%	659
	Thompson at Spences Bridge				14195	13923	102%	825	18447	17903	103%	1510
Bulkley and Skeena	Bulkley at Quick				2278	2383	96%	185	2875	2980	97%	220
	Skeena at Usk				16866	17317	97%	964	21241	21661	98%	1463
Nicola Lake	Inflows	117	105	112%	28	143	122	117%	33			
Nicola River	at Spences Bridge	350	409	86%	76	404	476	85%	98			
Okanagan and Kalamalka-Wood Lake	Okanagan Lake Inflow	460	349	132%	81	505	376	134%	103			
	Kalamalka-Wood Lake Inflow	24.2	19.0	128%	8.2	26.7	20.4	131%	10.7			
Similkameen River	Similkameen at Nighthawk	1362	1101	124%	152				1783	1411	126%	193
	Similkameen at Hedley	959	827	116%	91				1193	1015	117%	105
Cowichan River	Cowichan Lake Inflows	126	130	98%	45				163	174	94%	45

1 kdam³=1,000,000 m³

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

2014 Automated Snow Pillow/Manual Snow Survey Data				May 1st				Historic Snow Water Equivalent (mm)						
Station ID	Name	Basin	Elevation (masl)	Survey Date YYYY-MM-DD	SD (cm)	SWE (mm)	Code	SWE % 1981-2010 Normal	2013 SWE (mm)	2012 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
1A01P	YELLOWHEAD LAKE	Upper Fraser	1847	2014-05-01	138	606		107%	571	801	364	833	565	16
1A02P	MC BRIDE (UPPER)	Upper Fraser	1608	2014-05-01	153	611		132%	532	708	239	749	462	21
1A03P	BARKERVILLE	Upper Fraser	1483	2014-05-01	119	473		137%	388	382	165	604	346	38
1A05	LONGWORTH (UPPER)	Upper Fraser	1693	2014-04-28	305	1252		151%	1370	1188	391	1370	830	59
1A06A	HANSARD	Upper Fraser	622	2014-04-26	31	100			NS	NS	#N/A	#N/A	#N/A	0
1A10	PRINCE GEORGE A	Upper Fraser	684	NS					NS	NS	0	216	10	40
1A11	PACIFIC LAKE	Upper Fraser	756	2014-04-28	190	840		166%	NS	976	93	976	507	47
1A12	KAZA LAKE	Upper Fraser	1247	2014-04-29	111	411		125%	363	481	166	481	328	48
1A14P	HEDRICK LAKE	Upper Fraser	1118	2014-05-01	255	1438	E	175%	1268	1241	585	1279	820	13
1A15	KNUDSEN LAKE	Upper Fraser	1598	2014-04-28	253	1114		128%	1076	1272	501	1346	868	46
1A16	BURNS LAKE	Upper Fraser	820	2014-04-30	3	6		23%	26	12	0	148	26	36
1A17P	REVOLUTION CREEK	Upper Fraser	1676	2014-05-01	314	1353		168%	1094	1352	486	1349	804	28
1A19P	DOME MOUNTAIN	Upper Fraser	1768	2014-05-01	262	1068		132%	944	1145	570	1163	810	7
1A23	BIRD CREEK	Upper Fraser	1196	NS					0	80	0	204	39	23
1B01	MOUNT WELLS	Nechako	1489	NS					471	739	201	958	487	56
1B01P	MOUNT WELLS	Nechako	1489	2014-05-01	N/A	602		106%	504	817	311	919	569	21
1B02	TAHTSA LAKE	Nechako	1319	NS					957	1854	701	2073	1256	59
1B02P	TAHTSA LAKE	Nechako	1319	2014-05-01	N/A	1017		75%	969	1943	826	2348	1362	21
1B05	SKINS LAKE	Nechako	877	NS					0	0	0	100	3	43
1B06	MOUNT SWANNELL	Nechako	1596	NS					303	312	109	499	287	23
1B07	NUTLI LAKE	Nechako	1502	NS					294	817	250	870	513	22
1B08P	MOUNT PONDOSY	Nechako	1413	2014-05-01	N/A	489		62%	539	1175	399	1277	794	21
1C01	BROOKMERE	Middle Fraser	994	2014-04-30	13	42		65%	66	121	0	419	65	67
1C05	MCGILLIVRAY PASS	Middle Fraser	1715	2014-04-28	111	381		66%	488	742	270	1118	573	61
1C06	PAVILION	Middle Fraser	1209	NS					0	NS	0	0	0	14
1C08	NAZKO	Middle Fraser	1029	NS					NS	0	0	46	3	24
1C09A	HIGHLAND VALLEY	Middle Fraser	1547	NS					NS	0	0	142	20	47
1C12P	GREEN MOUNTAIN	Middle Fraser	1766	2014-05-01	N/A	628		69%	691	1124	579	1373	909	19
1C13A	HORSEFLY MOUNTAIN	Middle Fraser	1612	2014-04-28	172	690		169%	650	470	136	676	408	43
1C14	BRALORNE	Middle Fraser	1382	2014-04-28	34	98		169%	84	87	0	255	58	50
1C17	MOUNT TIMOTHY	Middle Fraser	1632	2014-05-02	96	351		137%	299	338	118	536	257	51
1C18P	MISSION RIDGE	Middle Fraser	1903	2014-05-01	N/A	447		90%	584	701	147	1028	496	43
1C19	GNAWED MOUNTAIN	Middle Fraser	1617	NS					NS	44	0	241	54	45
1C20P	BOSS MOUNTAIN MINE	Middle Fraser	1477	2014-05-01	137	565		95%	638	534	394	821	597	19
1C21	BIG CREEK	Middle Fraser	1130	2014-04-26	0	0		0%	NS	NS	0	48	12	4
1C22	PUNTZI MOUNTAIN	Middle Fraser	939	NS					NS	NS	0	0	0	10
1C23	PENFOLD CREEK	Middle Fraser	1687	2014-05-01	252	1103		104%	1170	1292	710	1420	1064	40
1C25	LAC LE JEUNE (UPPER)	Middle Fraser	1471	2014-04-30	26	95		317%	74	36	0	168	30	41
1C28	DUFFEY LAKE	Middle Fraser	1253	NS					NS	NS	206	624	377	13
1C29	SHOVELNOSE MOUNTAIN	Middle Fraser	1456	2014-05-05	22	84		102%	85	NS	0	305	82	33
1C32	DEADMAN RIVER	Middle Fraser	1463	2014-05-02	0	0		0%	60	0	0	194	32	28
1C33A	GRANITE MOUNTAIN	Middle Fraser	1175	2014-05-01	29	110		124%	114	37	0	221	89	8
1C37	BRALORNE(UPPER)	Middle Fraser	1980	2014-04-28	144	496		73%	572	926	364	1092	676	18
1C38	DOWNTON LAKE (UPPER)	Middle Fraser	1884	2014-04-28	161	554		65%	726	1018	450	1340	856	17
1C39	BRIDGE GLACIER (LOWER)	Middle Fraser	1393	2014-04-28	119	392		65%	470	768	244	1018	600	18
1C40	TYAUGHTON CREEK (NORTH)	Middle Fraser	1946	2014-04-28	99	304		69%	396	496	268	806	443	18

2014 Automated Snow Pillow/Manual Snow Survey Data				May 1st					Historic Snow Water Equivalent (mm)					
Station ID	Name	Basin	Elevation (masl)	Survey Date YYYY-MM-DD	SD (cm)	SWE (mm)	Code	SWE % 1981-2010 Normal	2013 SWE (mm)	2012 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
1C41P	YANKS PEAK, EAST	Middle Fraser	1683	2014-05-01	254	1192		144%	1027	991	548	1058	825	16
1C42	CAVERHILL LAKE NEW	Middle Fraser	N/A	NS					NS	NS	172	172	N/A	1
1D06P	TENQUILLE LAKE	Lower Fraser	1669	2014-05-01	222	801		77%	985	1434	653	1705	1047	12
1D08	STAVE LAKE	Lower Fraser	1211	2014-04-30	271	1291		85%	1631	1932	574	3120	1513	45
1D09	WAHLEACH LAKE	Lower Fraser	1395	2014-04-30	170	709		115%	801	913	177	1417	615	44
1D09P	WAHLEACH LAKE	Lower Fraser	1408	2014-05-01	N/A	1009		97%	1090	1109	509	1757	1043	21
1D10	NAHATLATCH RIVER	Lower Fraser	1530	2014-04-30	266	1225		90%	1570	NS	608	2720	1361	42
1D16	DICKSON LAKE	Lower Fraser	1147	2014-04-30	315	1516		98%	2132	2114	520	3180	1553	23
1D17P	CHILLIWACK RIVER	Lower Fraser	1621	2014-05-01	440	2245		148%	1911	2461	720	2436	1513	21
1D18P	DISAPPOINTMENT LAKE	Lower Fraser	932	2014-05-01	N/A	1192	E	83%	1447	1924	375	2460	1437	13
1D19P	SPUZZUM CREEK	Lower Fraser	1197	2014-05-01	304	1613		99%	1859	2302	401	2930	1635	14
1E01B	BLUE RIVER	North Thompson	673	2014-04-26	48	233		803%	133	206	0	265	29	29
1E02P	MOUNT COOK	North Thompson	1574	2014-05-01	303	1389		103%	1462	1617	998	1665	1346	13
1E03A	TROPHY MOUNTAIN	North Thompson	1907	2014-04-26	191	685		113%	710	912	417	960	607	37
1E05	KNOUFF LAKE	North Thompson	1189	NS					NS	NS	0	142	45	9
1E07	ADAMS RIVER	North Thompson	1769	2014-04-26	206	778		107%	843	839	396	1173	726	40
1E08P	AZURE RIVER	North Thompson	1625	2014-05-01	218	1122		92%	1389	1501	773	1635	1214	16
1E10P	KOSTAL LAKE	North Thompson	1760	2014-05-01	247	952		107%	1041	1030	641	1268	891	28
1F01A	ABERDEEN LAKE	South Thompson	1262	NS					88	0	0	165	19	57
1F02	ANGLEMONT	South Thompson	1168	NS					176	208	0	496	160	53
1F03P	PARK MOUNTAIN	South Thompson	1857	2014-05-01	282	1158		121%	1118	920	570	1343	955	28
1F04	ENDERBY	South Thompson	1948	NS					1381	NS	700	1430	1079	50
1F06P	CELISTA MOUNTAIN	South Thompson	1533	2014-05-01	233	1030		113%	1096	1147	746	1187	914	8
2A01A	CANOE RIVER	Upper Columbia	866	NS					NS	NS	0	147	5	24
2A02	GLACIER	Upper Columbia	1249	2014-04-27	175	809		126%	653	945	320	1247	643	68
2A03A	FIELD	Upper Columbia	1310	2014-04-30	27	110		550%	NS	NS	0	178	20	48
2A06P	MOUNT REVELSTOKE	Upper Columbia	1770	2014-05-01	N/A	1268		100%	1402	1503	874	1625	1265	20
2A07	KICKING HORSE	Upper Columbia	1648	2014-04-30	124	469		158%	270	328	63	589	296	63
2A11	BEAVERFOOT	Upper Columbia	1924	2014-04-30	81	270		159%	162	242	58	495	170	51
2A14	MOUNT ABBOT	Upper Columbia	2031	2014-04-25	338	1366		102%	1384	1885	853	1885	1345	48
2A16	GOLDSTREAM	Upper Columbia	1914	2014-05-01	318	1331		111%	1358	1535	850	1781	1200	50
2A17	FIDELITY MOUNTAIN	Upper Columbia	1852	2014-04-26	344	1522		117%	1399	1853	817	1986	1306	50
2A18	KEYSTONE CREEK	Upper Columbia	1839	NS					911	1119	514	1421	823	46
2A19	VERMONT CREEK	Upper Columbia	1533	2014-04-30	102	383		117%	392	479	140	1026	327	47
2A21P	MOLSON CREEK	Upper Columbia	1930	2014-05-01	N/A	1104		100%	1268	1628	645	1678	1100	32
2A22	SUNBEAM LAKE	Upper Columbia	2066	2014-05-01	250	999		106%	1022	1285	611	1562	939	45
2A23	BUSH RIVER	Upper Columbia	1982	2014-05-01	210	834		100%	928	1142	492	1392	834	44
2A25	KIRBYVILLE LAKE	Upper Columbia	1739	2014-05-01	318	1331		107%	1498	1439	865	1797	1243	41
2A27	DOWNIE SLIDE (LOWER)	Upper Columbia	964	2014-05-01	152	682		132%	568	780	0	910	517	36
2A29	DOWNIE SLIDE (UPPER)	Upper Columbia	1628	2014-05-01	306	1344		96%	1598	1788	802	2242	1402	35
2B02A	FARRON	Lower Columbia	1229	2014-04-29	41	158		86%	135	206	23	406	183	41
2B05	WHATSHAN (UPPER)	Lower Columbia	1476	2014-05-01	157	707		127%	558	578	255	983	557	53
2B06	BARNES CREEK	Lower Columbia	1598	2014-05-01	147	616		131%	617	473	211	742	470	53
2B06P	BARNES CREEK	Lower Columbia	1595	2014-05-01	N/A	681		126%	693	593	360	821	541	20
2B07	KOCH CREEK	Lower Columbia	1813	2014-05-01	176	685		88%	906	797	391	1201	778	53
2B08	ST. LEON CREEK	Lower Columbia	1828	2014-05-01	344	1447		114%	1304	1443	816	1974	1267	47
2B08P	ST. LEON CREEK	Lower Columbia	1822	2014-05-01	N/A	1345		121%	1299	1290	701	1501	1113	20
2B09	RECORD MOUNTAIN	Lower Columbia	1906	2014-05-03	149	455		63%	865	780	157	1278	727	39

2014 Automated Snow Pillow/Manual Snow Survey Data				May 1st					Historic Snow Water Equivalent (mm)					
Station ID	Name	Basin	Elevation (masl)	Survey Date YYYY-MM-DD	SD (cm)	SWE (mm)	Code	SWE % 1981-2010 Normal	2013 SWE (mm)	2012 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
2C01	SINCLAIR PASS	East Kootenay	1374	2014-04-29	31	98		265%	0	68	0	246	37	67
2C04	SULLIVAN MINE	East Kootenay	1580	2014-04-27	97	304		167%	220	320	0	518	182	68
2C07	FERNIE EAST	East Kootenay	1213	2014-04-29	67	257		189%	81	149	0	541	136	59
2C09Q	MORRISSEY RIDGE	East Kootenay	1966	2014-05-01	N/A	949		142%	600	915	317	1332	670	33
2C10P	MOYIE MOUNTAIN	East Kootenay	1840	2014-05-01	106	544		161%	355	495	18	689	338	34
2C11	KIMBERLEY (UPPER) VOR	East Kootenay	2148	NS					NS	669	188	935	434	44
2C12	KIMBERLEY (MIDDLE) VOR	East Kootenay	1692	NS					NS	258	0	483	156	44
2C14	FLOE LAKE	East Kootenay	2087	2014-04-30	242	897		112%	971	1182	497	1369	800	43
2C14P	FLOE LAKE	East Kootenay	2110	2014-05-01	N/A	868		113%	872	1196	491	1188	767	20
2C15	MOUNT ASSINIBOINE	East Kootenay	2230	2014-04-30	177	607		107%	639	767	339	930	566	43
2C16	MOUNT JOFFRE	East Kootenay	1763	2014-04-30	140	491		142%	450	493	180	772	346	44
2C17	THUNDER CREEK	East Kootenay	2062	NS					379	411	163	556	271	42
2C20	VERMILLION RIVER NO. 3	East Kootenay	1612	NS					NS	NS	71	422	196	15
2D02	FERGUSON	West Kootenay	929	NS					385	580	160	773	429	68
2D03	SANDON	West Kootenay	1072	2014-05-01	19	79		176%	31	NS	0	399	45	59
2D04	NELSON	West Kootenay	952	2014-04-28	17	66		46%	4	NS	0	508	143	57
2D05	GRAY CREEK (LOWER)	West Kootenay	1558	2014-04-29	157	592		138%	449	684	229	726	429	64
2D06	CHAR CREEK	West Kootenay	1290	2014-05-01	126	488		109%	424	536	79	838	449	46
2D07A	DUNCAN LAKE NO. 2	West Kootenay	662	NS					NS	NS	0	42	14	4
2D08P	EAST CREEK	West Kootenay	2004	2014-05-01	N/A	1167		128%	976	923	480	1346	910	32
2D09	MOUNT TEMPLEMAN	West Kootenay	1879	2014-04-30	292	1182		110%	1166	1268	731	1679	1075	45
2D10	GRAY CREEK (UPPER)	West Kootenay	1926	2014-04-29	244	922		120%	923	NS	505	1300	767	43
2D14P	REDFISH CREEK	West Kootenay	2086	2014-05-01	340	1496		115%	1628	1875	1035	1863	1298	11
2E01	MONASHEE PASS	Kettle	1387	2014-05-01	100	393		148%	258	305	67	505	266	54
2E02	CARMI	Kettle	1254	2014-04-29	0	0		0%	0	0	0	173	12	50
2E03	BIG WHITE MOUNTAIN	Kettle	1672	2014-04-29	149	516		114%	514	474	237	762	451	48
2E06	BLUEJOINT MOUNTAIN	Kettle	1990	NS					NS	NS	287	1201	725	33
2E07P	GRANO CREEK	Kettle	1874	2014-05-01	142	614	E	109%	557	680	420	814	561	15
2F01	TROUT CREEK	Okanagan	1428	2014-04-29	50	168		300%	116	141	0	386	56	66
2F01A	TROUT CREEK (WEST)	Okanagan	1430	2014-04-29	55	207		185%	124	171	112	292	112	4
2F02	SUMMERLAND RESERVOIR	Okanagan	1304	2014-05-05	0	0		0%	30	129	0	368	129	48
2F03	MC CULLOCH	Okanagan	1266	2014-05-02	0	0		0%	0	NS	0	188	12	66
2F04	GRAYSTOKE LAKE	Okanagan	1818	NS					NS	NS	120	940	343	40
2F05P	MISSION CREEK	Okanagan	1794	2014-05-01	175	716		149%	631	588	141	784	481	43
2F07	POSTILL LAKE	Okanagan	1358	2014-05-01	53	176		145%	150	NS	0	282	121	61
2F08	GRAYBACK RESERVOIR	Okanagan	1548	2014-04-25	88	282		178%	206	NS	0	386	158	41
2F09	WHITEROCKS MOUNTAIN	Okanagan	1789	2014-04-29	138	508		108%	633	511	175	1013	470	43
2F10	SILVER STAR MOUNTAIN	Okanagan	1834	2014-04-30	222	875		119%	983	783	371	1135	734	54
2F11	ISINTOK LAKE	Okanagan	1651	2014-04-30	61	190		194%	146	150	0	437	98	48
2F12	MOUNT KOBAN	Okanagan	1817	2014-04-27	80	226		73%	509	287	53	597	309	48
2F13	ESPERON CR (UPPER)	Okanagan	1634	2014-04-29	103	364		105%	430	366	119	805	346	44
2F14	ESPERON CR (MIDDLE)	Okanagan	1440	NS					NS	NS	0	551	216	30
2F18	BRENDA MINE	Okanagan	1453	2014-04-30	63	246		125%	216	234	0	526	197	45
2F18P	BRENDA MINE	Okanagan	1453	2014-05-01	N/A	177		138%	178	185	0	342	128	20
2F19	OYAMA LAKE	Okanagan	1365	2014-04-29	34	233		424%	44	64	0	185	55	43
2F20	VASEUX CREEK	Okanagan	1403	2014-04-26	50	195		476%	0	0	0	192	41	42
2F21	BOULEAU LAKE	Okanagan	1405	2014-04-28	75	238		95%	322	200	40	488	251	41
2F23	MACDONALD LAKE	Okanagan	1742	2014-04-30	119	421		100%	412	404	198	650	421	33

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2F24	ISLAHT LAKE	Okanagan	1492	NS					364	217	64	433	234	32
2F25	POSTILL LAKE (UPPER)	Okanagan	1500	NS					NS	NS	71	71	N/A	2
2G03P	BLACKWALL PEAK	Similkameen	1934	2014-05-01	225	968		126%	800	1165	375	1569	768	45
2G04	LOST HORSE MOUNTAIN	Similkameen	1988	2014-04-27	98	309		144%	303	241	64	554	215	50
2G05	MISSEZULA MOUNTAIN	Similkameen	1602	2014-04-27	74	269		264%	178	171	0	323	102	49
2G06	HAMILTON HILL	Similkameen	1477	2014-04-27	66	251		132%	162	247	0	838	190	54
3A01	GROUSE MOUNTAIN	South Coast	1126	2014-04-29	181	800		68%	1650	1602	120	2870	1170	63
3A02	POWELL RIVER (UPPER)	South Coast	1002	NS					NS	NS	533	1712	783	6
3A05	POWELL RIVER (LOWER)	South Coast	882	NS					NS	NS	181	426	349	4
3A09	PALISADE LAKE	South Coast	898	2014-04-30	143	700		54%	1480	192	0	3600	1291	60
3A10	DOG MOUNTAIN	South Coast	1007	2014-04-29	157	710		62%	1530	1361	122	2760	1137	30
3A19	ORCHID LAKE	South Coast	1178	2014-04-30	325	1550		83%	2000	2450	900	3845	1866	41
3A20	CALLAGHAN CREEK	South Coast	1009	2014-04-28	147	662		93%	690	1062	156	1568	711	36
3A22P	NOSTETUKO RIVER	South Coast	1457	2014-05-01	26	399		74%	430	812	207	1053	542	24
3A24P	UPPER MOSLEY CREEK	South Coast	1655	2014-05-01	56	227		89%	158	351	143	532	254	24
3A25P	SQUAMISH RIVER (UPPER)	South Coast	1387	2014-05-01	281	1282		80%	1787	2072	990	2910	1597	23
3B01	FORBIDDEN PLATEAU	Vancouver Island	1110	2014-04-30	209	929		62%	1431	2353	448	3500	1507	56
3B02A	MT. COKELY	Vancouver Island	1267	NS					918	1194	196	2062	813	30
3B04	ELK RIVER	Vancouver Island	270	NS					0	0	0	0	0	29
3B10	UPPER THELWOOD LAKE	Vancouver Island	1014	2014-04-30	194	934		63%	1500	2362	524	3560	1484	51
3B13	HEATHER MOUNTAIN	Vancouver Island	1170	2014-04-25	110	516		58%	918	NS	183	2383	674	29
3B17P	WOLF RIVER	Vancouver Island	1422	2014-05-01	N/A	924		68%	1175	1794	439	2691	1356	31
3B18	WOLF RIVER (MIDDLE)	Vancouver Island	1050	2014-04-30	71	290		53%	504	774	0	1652	546	43
3B19	WOLF RIVER (LOWER)	Vancouver Island	615	2014-04-30	0	0		0%	0	318	0	1118	134	43
3B23P	JUMP CREEK	Vancouver Island	1134	2014-05-01	141	758		64%	1043	1751	266	3485	1180	17
3B24	HEATHER MOUNTAIN UPPER	Vancouver Island	N/A	2014-04-25	178	852			NS	NS	N/A	N/A	N/A	0
3C07	WEDEENE RIVER SOUTH	North Coast	196	2014-04-29	17	46		34%	42	531	0	749	136	26
3C08P	BURNT BRIDGE CREEK	North Coast	1329	2014-05-01	157	786		101%	716	1412	454	1464	776	15
3D01C	SUMALLO RIVER WEST	Skagit	801	2014-04-30	30	118		179%	98	201	0	371	66	21
3D02	LIGHTNING LAKE	Skagit	1254	2014-04-26	73	278		125%	249	423	7	599	223	41
3D03A	KLESILKWA	Skagit	1134	2014-04-30	32	144		140%	155	171	0	752	103	38
4A02	PINE PASS	Peace	1439	2014-04-28	309	1344		104%	1238	1796	681	1825	1292	53
4A02P	PINE PASS	Peace	1386	2014-05-01	N/A	1192		111%	1045	1596	898	1704	1072	24
4A03	WARE (UPPER)	Peace	1563	2014-04-30	108	319		116%	288	278	141	402	274	47
4A04	WARE (LOWER)	Peace	969	2014-04-30	48	176		142%	140	115	0	229	124	45
4A05	GERMANSEN (UPPER)	Peace	1489	2014-04-29	128	388		109%	371	503	181	597	355	52
4A06	TUTIZZI LAKE	Peace	1043	2014-04-29	52	194		125%	189	308	0	325	155	50
4A07	LADY LAURIER LAKE	Peace		2014-04-30	149	557		100%	491	771	305	926	555	51
4A09	PULPIT LAKE	Peace	1331	2014-04-30	137	519		124%	486	527	287	623	418	49
4A09P	PULPIT LAKE	Peace	1331	2014-05-01	N/A	455		112%	489	508	288	633	407	23
4A10	FREDRICKSON LAKE	Peace	1323	2014-04-29	99	308		133%	163	245	107	358	231	50
4A11	TRYGVE LAKE	Peace	1409	2014-04-29	110	384		101%	372	491	272	599	381	50
4A12	TSAYDAYCHI LAKE	Peace	1173	2014-04-29	113	415		108%	368	600	168	700	386	51
4A13	PHILIP LAKE	Peace	1013	2014-04-29	55	203		104%	276	302	0	406	196	50
4A16	MORFEE MOUNTAIN	Peace	1427	2014-04-28	223	973		120%	896	1001	410	1181	812	43
4A18	MOUNT SHEBA	Peace	1480	2014-04-28	258	1091		122%	1054	1262	503	1371	891	44
4A20	MONKMAN CREEK	Peace	1566	2014-04-30	177	709		122%	NS	NS	329	1042	580	33
4A21	MOUNT STEARNS	Peace	1514	2014-04-30	69	196		134%	142	146	0	271	146	40

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4A25	FORT ST. JOHN AIRPORT	Peace	692	NS					NS	NS	0	56	0	26
4A27P	KWADACHA RIVER	Peace	1695	2014-05-01	N/A	291	E	82%	347	318	259	476	355	16
4A30P	AIKEN LAKE	Peace	1061	2014-05-01	N/A	233		129%	186	275	71	313	181	28
4B01	KIDPRICE LAKE	Skeena	1415	NS					726	1420	551	1591	951	59
4B02	JOHANSON LAKE	Skeena	1480	2014-04-29	108	368		122%	287	370	143	433	301	51
4B03A	HUDSON BAY MTN	Skeena	1452	2014-04-30	136	518		102%	448	724	343	795	509	41
4B04	CHAPMAN LAKE	Skeena	1485	2014-04-30	121	428		90%	458	694	308	749	473	45
4B06	TACHEK CREEK	Skeena	1133	NS					225	278	55	363	175	44
4B07	MCKENDRICK CREEK	Skeena	1048	2014-04-30	75	242		109%	257	340	80	422	223	45
4B08	MOUNT CRONIN	Skeena	1491	2014-04-30	156	495		80%	580	852	422	1125	616	42
4B10	NINGUNSAW PASS	Nass	647	2014-04-27	68	276		105%	240	342	0	676	263	36
4B11A	BEAR PASS	Nass	437	NS					NS	NS	256	860	541	22
4B12P	GRANDUC MINE	Skeena	790	2014-05-01	N/A	1115		62%	1176	1973	1183	2275	1798	10
4B13A	TERRACE AIRPORT	Skeena	219	NS					0	42	0	58	14	6
4B14	EQUITY MINE	Skeena	1434	2014-04-29	117	404		108%	390	550	212	690	373	36
4B15	LU LAKE	Skeena	1296	2014-04-29	94	300		112%	248	440	144	528	267	34
4B15P	LU LAKE	Skeena	1308	2014-05-01	77	311		137%	295	404	79	517	227	15
4B16P	SHEDIN CREEK	Skeena	1320	2014-05-01	212	597		61%	803	1182	650	1226	972	17
4B17P	TSAI CREEK	Skeena	1369	2014-05-01	197	1050		80%	1021	2074	975	2081	1307	15
4B18P	CEDAR - KITEEN	Skeena	912	2014-05-01	135	710		116%	497	874	210	1075	612	12
4C01	SIKANNI LAKE	Liard	1390	2014-04-30	102	355		133%	262	296	115	404	266	50
4C02	SUMMIT LAKE	Liard	1291	NS					106	64	0	200	44	47
4C03	DEASE LAKE	Liard	805	2014-04-27	50	192		505%	147	0	0	178	38	47
4C05	FORT NELSON A	Liard	368	NS					NS	NS	0	103	12	31
4C15	JADE CITY	Liard	943	2014-04-26	88	302		160%	296	182	28	350	189	12
4D01	TELEGRAPH CREEK	Stikine	490	NS					0	NS	0	163	23	36
4D02	ISKUT	Stikine	931	2014-04-27	0	0		0%	NS	NS	0	146	18	23
4E02B	ATLIN LAKE	Yukon		2014-05-01	0	0			123	NS	0	140	N/A	8

Code	Description
A	Sampling problems were encountered
ASP	Automated Snow Pillow
B	Early or late sample
C	Combination of A and B
E	Estimate
MSS	Manual Snow Survey
N/A	Not Available
N	Scheduled, but not measured
NS	Not Sampled
SD	Snow Depth
SWE	Snow Water Equivalent
T	Trace Amount