

Snow Survey and Water Supply Bulletin – February 1st, 2013

The February 1st snow survey is now complete. Data from 107 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 reports¹.

Weather

Stable weather conditions prevailed across British Columbia through January. High pressure ridging in the middle of the month created prolonged dry weather and inverted temperatures, with above freezing temperatures above snowline elevations. Conditions were much drier than normal across the province throughout the month. Temperatures were +1 - 3 °C above normal through most areas of the province, with some low elevation regions in south-west BC having below normal temperatures.

Snowpack

Due to drier conditions, most regions saw below normal snow accumulation and a decline in snow basin indices through the month of January. Snow basin indices ranged from a low of 78% of normal, to a high of 116%. Drier conditions are prevalent through west-central and north-west British Columbia, including the Nechako, Middle Fraser (Chilcotin), Central Coast and Skeena-Nass basins. Snow packs are above normal (>110%) in the Okanagan-Kettle and South Coast regions, and near normal or slightly below normal (85-110%) through the rest of the province.

BC Snow Basin Indices – February 1, 2013

Basin	% of Normal	Basin	% of Normal
Upper Fraser	86%	Kootenay	97%
Nechako	78%	Okanagan-Kettle	116%
Middle Fraser	83%	Similkameen	89%
Lower Fraser	103%	South Coast	113%
North Thompson	94%	Vancouver Island	107%
South Thompson	109%	Peace	90%
Columbia	93%	Skeena-Nass	84%

Outlook

This season has favored neutral El Niño Southern Oscillation (ENSO) conditions, with near normal sea surface temperatures in the equatorial Pacific Ocean. Current forecasts from the Climate Prediction Centre with the U.S. National Weather Service (NOAA) favour neutral conditions into the spring of 2013. This suggests that current ocean conditions favour normal seasonal weather conditions. Current 3-month seasonal forecasts (February through April) from Environment Canada are fairly neutral, with similar likelihoods of above-normal, below-normal or normal precipitation and temperature. A slight increased likelihood of below normal temperatures is forecast for south-west BC. Current short-term weather forecasts indicate a period of high pressure across most of the province to the middle of February, and limited snowfall is expected.

By this date, generally about two-thirds of the annual BC snowpack has accumulated. While there is still two and a half months left in the snow accumulation season, given current short-term and seasonal outlooks, the current snowpack is not expected to change significantly over the remainder of the season.

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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At this point there are no strong indications of a high likelihood of extreme wet or dry seasonal weather through the rest of the accumulation season. Unless the region experiences some late-season Pacific storm cycles, dry conditions are likely to persist in the Nechako, Central Coast, Skeena-Nass, and Middle Fraser. Normal conditions are expected to persist in other regions. While possible, heavy snow pack accumulation over the remainder of the season is unlikely.

In general snow packs across the province are below levels that were observed last year (see snow basin graphs below). Below normal seasonal flows during freshet and into summer are likely in the west-central region of the province (Nechako, Middle Fraser, Central Coast, Skeena-Nass). Above normal seasonal flow, and the potential for elevated seasonal flood risk, is possible in the Okanagan basin. Above normal seasonal flow is also expected in the Lower Fraser, South Coast and Vancouver Island, however these regions tend to have limited flood potential in the spring, and current snow packs are not expected to have a significant impact on seasonal flood risk. Normal seasonal flow and seasonal flood risk is likely through the rest of the province.

Snow data reporting has been adjusted for this snow bulletin (attached) and this format will be used through the remainder of this snow season. The River Forecast Centre is currently estimating values for 6 snow pillows, and the February 1st, 2013 estimates can be found in Table 1.

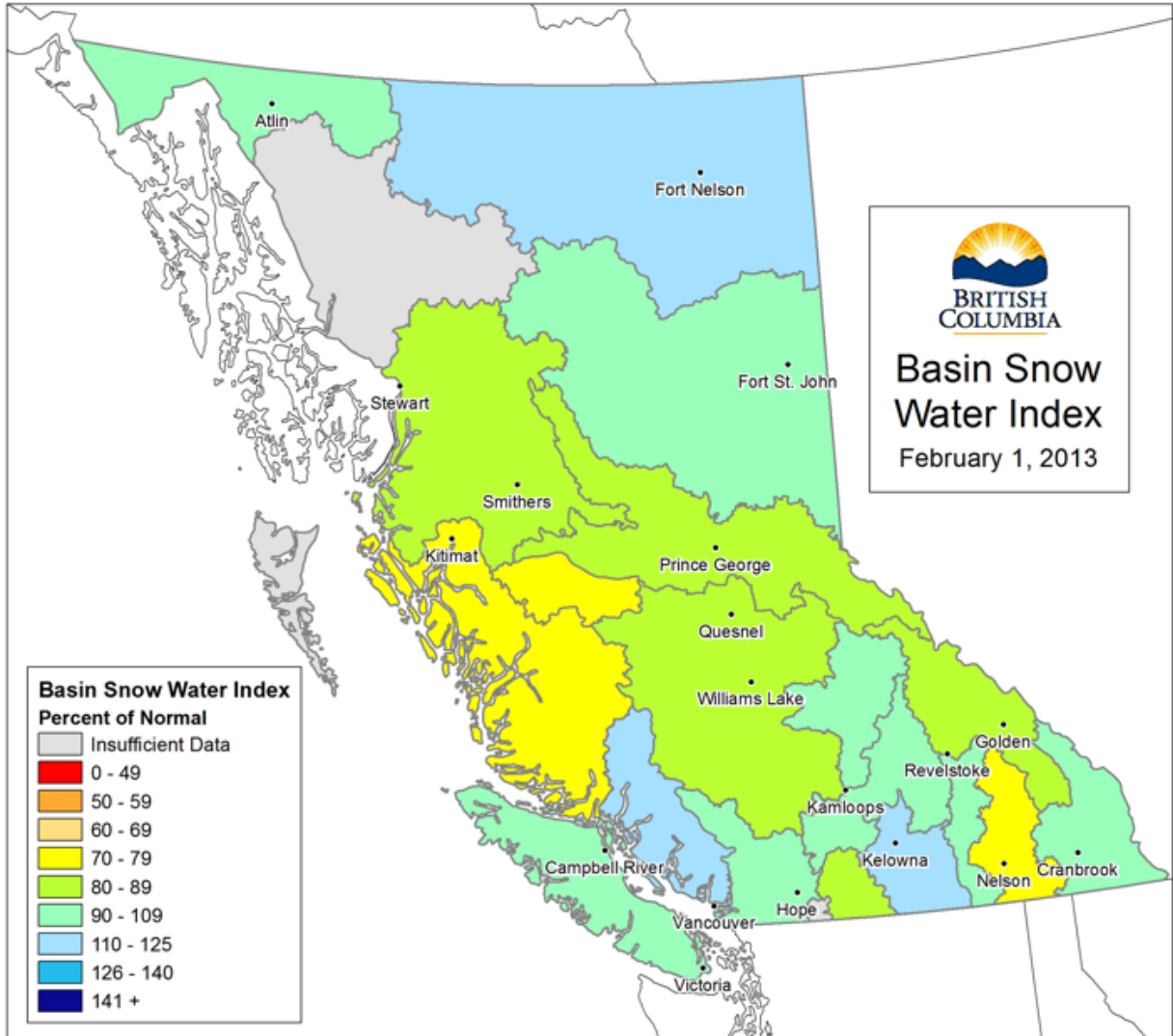
The next snow bulletin will be released on March 7th, 2013.

Produced by: BC River Forecast Centre
February 8, 2013



Snow Survey and Water Supply Bulletin – February 1st, 2013

Map 1: Basin Snow Water Index-February 1st, 2013



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Table 1: February 1st Automated Snow Pillow Estimates

SNOW PILLOW ID	SNOW PILLOW NAME	OBSERVATION DATE	ESTIMATED Snow Water Equivalent (mm)
1A01P	YELLOWHEAD LAKE	01-Feb	284
1B08P	MOUNT PONDOSY	01-Feb	364
1C12P	GREEN MOUNTAIN	01-Feb	439
1E02P	MOUNT COOK	01-Feb	835
1E08P	AZURE RIVER	01-Feb	808
2G03P	BLACKWALL PEAK	01-Feb	527

Reporting Period: Feb 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 (mm)	Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FERNIE EAST 2C07											(72)	(77)			
	1213	Feb-01	70	199	234	85	52	92	207	210	467	51	28	26	61
SULLIVAN MINE 2C04											(97)	(77)			
	1580	Jan-31	76	238	217	110	62	79	198	192	397	46	31	26	68
MOUNT JOFFRE 2C16											(72)	(01)			
	1763	Feb-04	91	289	265	109	36	85	234	278	439	96	32	26	43
MOYIE MOUNTAIN AUTOMATED SNOW PILLOW 2C10P											(99)	(12)			
	1840	Feb-01	77	256	267	96	78	87	21	325	499	21	33		34
MORRISSEY RIDGE AUTOMATED SNOW PILLOW 2C09Q											(91)	(01)			
	1860	Feb-01		428	495	86	450.5	164	458.	521.3	886	172			30
THUNDER CREEK 2C17											(72)	(77)			
	2062	Feb-04			193			58	0	195	335	69		25	42
FLOE LAKE 2C14											(91)	(01)			
	2087	Feb-04	178	606	548	111	112	123	0	491	811	239	34	31	44
FLOE LAKE AUTOMATED SNOW PILLOW 2C14P											(12)	(94)			
	2110	Feb-01		532	510	104	103	147	533.	457.5	3533	-999			21
MOUNT ASSINIBOINE 2C15											(91)	(01)			
	2230	Feb-04			375			85	0	310	592	140		28	44

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 (mm)	Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FARRON 2B02A											(83)	(77)			
	1229	Jan-29	74	190	232	82	50	77	151	208	346	63	26	27	41
MONASHEE PASS 2E01											(97)	(80)			
	1387	Feb-01	87	208	245	85	104	80	0	221	364	122	24	27	54
BIG WHITE MOUNTAIN 2E03											(74)	(01)			
	1672	Feb-01	124	334	339	99		109	0	276	483	178	27	28	46

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 (mm)	Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
FARRON 2B02A											(83)	(77)			
	1229	Jan-29	74	190	232	82	50	77	151	208	346	63	26	27	41
MONASHEE PASS 2E01											(97)	(80)			
	1387	Feb-01	87	208	245	85	104	80	0	221	364	122	24	27	54
WHATSHAN (UPPER) 2B05											(97)	(77)			
	1476	Feb-01	136	418	479	87		139	0	483	759	249	31	30	45
BARNES CREEK AUTOMATED SNOW PILLOW 2B06P											(97)	(94)			
	1595	Feb-01		354	378	94	121	100	326.	352.5	581	-999			21
BARNES CREEK 2B06											(97)	(80)			
	1598	Feb-01	128	339	365	93	126	105	0	341	612	196	26	29	45

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
KOCH CREEK 2B07	1813	Feb-01			501		136	0	433	708	203		32	53
ST. LEON CREEK AUTOMATED SNOW PILLOW 2B08P	1822	Feb-01		693	755	92	201	186	728.	1100	-999			20
ST. LEON CREEK 2B08	1828	Feb-01	254	809	878	92	238	265	0	924	474	32	34	46
RECORD MOUNTAIN 2B09	1906	Jan-30	188	640	482	133	65	162	0	372	802	34	31	35
EAST CREEK AUTOMATED SNOW PILLOW 2D08P	2004	Feb-01		534	654	82	74	184	671.	573.8	1012	-999		33

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	801	Feb-07			242			304	147	368	0		33	22
DOG MOUNTAIN 3A10	1007	Jan-26	265	1071	731	147	281	251	696	754	1243	40	38	30
CALLAGHAN CREEK 3A20	1009	Jan-30	167	552	577	96	207	638	670	1040	50	33	33	31
WAHLEACH LAKE AUTOMATED SNOW PILLOW 1D09P	1408	Feb-01		658	780	84	199	260	594.	582.2	1036	308.		21
BARKERVILLE AUTOMATED SNOW PILLOW 1A03P	1483	Feb-01	92	210	253	83	48	85	-5	225	352	-999	23	37
GREAT BEAR AUTOMATED SNOW PILLOW 1D15P	1664	Jan-31		180	1143	16	0	335	180	180	7913	53		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	Jan-31	53	113	80	141	22	21	46	65	128	35	21	18
DEASE LAKE 4C03	805	Jan-31	74	148	106	140	69	35	68	97	202	36	20	19
SIKANNI LAKE 4C01	1390	Jan-31	81	171	185	92	29	40	234	158	325	81	21	23

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	Jan-29	29	44	58	76	24	18	16	72	126	0	15	19

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
NAZKO 1C08										(75)	(81)			
	1029	Feb-04	23	54	75	72	18	20	47	88	132	6	23	21
BIG CREEK 1C21										(75)	(81)			
	1130	Jan-31	25	36	52	69	21	16	14	36	94	0	14	19
GRANITE MOUNTAIN 1C33A										(07)	(06)			
	1175	Feb-01	62	145	145	100	43	45	136	156	175	97	23	23
BRALORNE 1C14										(74)	(77)			
	1382	Feb-02			138		48	102	139	338	0		24	41
SHOVELNOSE MOUNTAIN 1C29										(99)	(05)			
	1456	Jan-30	67	200	202	99		253	167	307	48	30	28	31
LAC LE JEUNE (UPPER) 1C25										(97)	(81)			
	1471	Jan-28	54	143	105	136	31	30	92	89	177	13	26	22
BOSS MOUNTAIN MINE AUTOMATED SNOW PILLOW 1C20P										(96)	(12)			
	1477	Feb-01	138	351	440	80	81	120	2	353	581	2	25	20
BARKERVILLE AUTOMATED SNOW PILLOW 1A03P										(85)	(82)			
	1483	Feb-01	92	210	253	83	48	85	-5	225	352	-999	23	37
MOUNT TIMOTHY 1C17										(99)	(03)			
	1632	Jan-26	80	221	232	95		77	222	228	384	92	28	26
YANKS PEAK EAST AUTOMATED SNOW PILLOW 1C41P										(99)	(12)			
	1683	Feb-01	180	538	595	90	128	173	165	534	765	165	30	17
MCGILLIVRAY PASS 1C05										(99)	(79)			
	1715	Feb-02	101	296	403	73		143	517	354	645	150	29	28
GREEN MOUNTAIN AUTOMATED SNOW PILLOW 1C12P										(07)	(09)			
	1766	Jan-31		430	605	71	73	165	752	554	985	232.		20
DOWNTOWN LAKE (UPPER) 1C38										(99)	(09)			
	1884	Feb-02			610			185	710	572	980	250		19
MISSION RIDGE AUTOMATED SNOW PILLOW 1C18P										(91)	(77)			
	1903	Feb-01		322	424	76	93	152	486	338.3	794	185		37
TYAUGHTON CREEK (NORTH) 1C40										(99)	(09)			
	1946	Feb-02			265			90	378	300	654	128		18
BRALORNE (UPPER) 1C37										(99)	(09)			
	1980	Feb-02			465			97	594	432	724	178		19

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)	(56)			
	1319	Jan-30	179	694	821	85		1442	833	1442	508	39	33	60
TAHTSA LAKE AUTOMATED SNOW PILLOW 1B02P										(07)	(96)			
	1319	Feb-01		563	903	62	110	200	1041	917.4	1536	-999		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										(97)	(81)			
	877	Jan-30	41	88	94	94	26 29	60	108	224	35	21	22	46
TAHTSA LAKE 1B02										(12)	(56)			
	1319	Jan-30	179	694	821	85		1442	833	1442	508	39	33	60
TAHTSA LAKE AUTOMATED SNOW PILLOW 1B02P										(07)	(96)			
	1319	Feb-01		563	903	62	110 200	1041	917.4	1536	-999			21
MOUNT PONDOSY AUTOMATED SNOW PILLOW 1B08P										(12)	(98)			
	1413	Feb-01		68	578	12	-205 127	879	460.2	891	-999			21
KIDPRICE LAKE 4B01										(12)	(03)			
	1415	Jan-31	128	490	638	77		1220	681	1220	420	38	32	58
MOUNT WELLS 1B01										(07)	(03)			
	1489	Jan-31	92	272	385	71		514	381	606	188	30	31	28
MOUNT WELLS AUTOMATED SNOW PILLOW 1B01P										(06)	(02)			
	1489	Feb-01		259	426	61	66 98	635	354	2505	-999			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										(07)	(88)			
	673	Jan-28	78	185	250	74	61 90	238	233	380	98	24	25	29
KNOUFF LAKE 1E05										(56)	(77)			
	1189	Jan-31	55	132	114	116		100	96	229	38	24	23	56
BOSS MOUNTAIN MINE AUTOMATED SNOW PILLOW 1C20P										(96)	(12)			
	1477	Feb-01	138	351	440	80	81 120	2	353	581	2	25		20
AZURE AUTOMATED SNOW PILLOW 1E08P										(12)	(01)			
	1625	Feb-01	210	<-47	835	-6	-694 215	1029	673	1029	461	-2		17
KOSTAL LAKE AUTOMATED SNOW PILLOW 1E10P										(10)	(10)			
	1760	Feb-01	164	538	620	87	128 167	691	528	1275	-1	33		29
ADAMS RIVER 1E07										(99)	(80)			
	1769	Jan-27	141	471	452	104	147	514	411	654	285	33	30	33

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										(78)	(81)			
	1262	Jan-31	51	116	119	97		89	0	193	48	23	23	57
MCCULLOCH 2F03										(46)	(40)			
	1266	Jan-31	70	153	125	122	38	116	136	196	63	22	22	74
SUMMERLAND RESERVOIR 2F02										(72)	(03)			
	1304	Jan-29	68	159	174	91	62 60	148	181	307	65	23	25	50
POSTILL LAKE 2F07										(97)	(88)			
	1358	Feb-01	60	134	147	91		144	133	243	73	22	23	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										(69)	(81)			
	1365	Feb-01	50	100	129	78		93	88	193	31	20	24	45
VASEUX CREEK 2F20										(72)	(05)			
	1403	Jan-31	51	98	100	98	40	90	0	208	44	19	20	26
TROUT CREEK 2F01										(72)	(81)			
	1428	Jan-31	62	201	141	143		206	167	292	33	32	24	73
BRENDA MINES AUTOMATED SNOW PILLOW 2F18P										(97)	(07)			
	1453	Feb-01		211	264	80	63	78	216	243	369	****		21
GREYBACK RESERVOIR 2F08										(72)	(81)			
	1548	Jan-29	80	191	160	119	45	156	0	269	60	24	24	39
ISINTOK LAKE 2F11										(72)	(81)			
	1651	Jan-29	64	106	133	80	24	47	109	103	307	26	17	24
WHITEROCKS MOUNTAIN 2F09										(74)	(77)			
	1789	Jan-26	122	429	399	108	109	296	359	693	135	35	31	42
MISSION CREEK AUTOMATED SNOW PILLOW 2F05P										(99)	(12)			
	1794	Feb-01	122	371	312	119	131	97	-7	230	499	-7	30	44
MOUNT KOBAN 2F12				>						(74)	(77)			
	1817	Jan-27	117	400	201	199		57	131	164	373	43	34	26
SILVER STAR MOUNTAIN 2F10										(69)	(77)			
	1834	Feb-02	174	626	507	123	140	396	527	721	229	36	33	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										(97)	(06)			
	692	Feb-05	61	121	84	144	4	27	60	71	154	22	20	38
PACIFIC LAKE 1A11										(91)	(03)			
	756	Jan-28	163	453	451	100	75	141	649	440	679	179	28	46
WARE (LOWER) 4A04										(92)	(69)			
	969	Jan-31	67	137	135	101	19	35	160	110	286	63	20	49
PHILIP LAKE 4A13										(07)	(01)			
	1013	Jan-30	83	204	202	101	-13	52	272	197	355	118	25	45
TUTIZZI LAKE 4A06										(92)	(84)			
	1043	Jan-30	80	175	186	94	18	51	277	183	348	109	22	44
AIKEN LAKE AUTOMATED SNOW PILLOW 4A30P										(92)	(93)			
	1061	Feb-01		152	197	77	23	59	256	189	330	-999		28
TSAYDAYCHI LAKE 4A12										(92)	(80)			
	1173	Jan-30	92	232	276	84	7	61	430	294	507	146	25	45
KAZA LAKE 1A12										(92)	(95)			
	1247	Jan-30	94	220	239	92	20	49	299	243	440	125	23	44
FREDRICKSON LAKE 4A10										(92)	(84)			
	1323	Jan-30	68	135	179	75	49	197	142	309	110	20	22	44

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PULPIT LAKE 4A09	1331	Jan-31	126	328	298	110	78	78	375	282	(92)	(80)	26	25	46
PULPIT LAKE AUTOMATED SNOW PILLOW 4A09P	1331	Feb-01		334	310	108	84	68	373	313	(09)	(97)			23
PINE PASS AUTOMATED SNOW PILLOW 4A02P	1386	Feb-01		599	745	80	124	202	1257	623	(12)	(92)			25
SIKANNI LAKE 4C01	1390	Jan-31	81	171	185	92	29	40	234	158	(92)	(80)	21	23	46
TRYGVE LAKE 4A11	1409	Jan-30	91	242	258	94		63	362	215	(92)	(84)	27	25	44
MORFEE MOUNTAIN 4A16	1427	Feb-01	162	606	599	101	160	149	733	570	(92)	(77)	37	33	46
PINE PASS 4A02	1439	Feb-01	217	755	809	93	185	189	0	779	(91)	(80)	35	34	45
LADY LAURIER LAKE 4A07	1446	Feb-01	110	290	357	81	60	87	679	357	(12)	(77)	26	28	45
JOHANSON LAKE 4B02	1480	Jan-30	80	184	208	88	39	48	272	183	(92)	(80)	23	24	44
MOUNT SHEBA 4A18	1480	Jan-28	170	567	570	99	76	170	872	560	(07)	(03)	33	31	45
GERMANSEN (UPPER) 4A05	1489	Jan-30	88	216	239	90	22	45	325	263	(76)	(80)	25	25	46
MOUNT STEARNS 4A21	1514	Jan-31	58	115	101	114	15	21	98	105	(96)	(06)	20	20	40
WARE (UPPER) 4A03	1563	Jan-31	84	204	182	112	15	37	184	160	(96)	(84)	24	23	50
MONKMAN CREEK 4A20	1566	Jan-28	121	366	409	89	43	0	0	412	(76)	(03)	30	29	38

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 (mm)		2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
DOG MOUNTAIN 3A10	1007	Jan-26	265	1071	731	147	281	251	696	754	(08)	(05)	40	38	30
CALLAGHAN CREEK 3A20	1009	Jan-30	167	552	577	96		207	638	670	(07)	(81)	33	33	31
GROUSE MOUNTAIN 3A01	1126	Jan-30	283	1142	762	150	342	282	764	870	(99)	(81)	40	40	63
ORCHID LAKE 3A19	1178	Feb-02	318	1289	1141	113	469	391	1341	1246	(07)	(81)	41	38	35
SQUAMISH (UPPER) AUTOMATED SNOW PILLOW 3A25P	1387	Feb-01	248	989	1025	96	196	295	2	1367	(99)	(90)	40		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 (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
HAMILTON HILL 2G06										(71)	(05)			
	1477	Feb-01	69	185	258	72	78	282	143	411	91	27	27	52
MISSEZULA MOUNTAIN 2G05										(74)	(03)			
	1602	Jan-31	60	130	174	75		152	143	284	60	22	25	52
ISINTOK LAKE 2F11										(72)	(81)			
	1651	Jan-29	64	106	133	80	24	47	109	103	307	26	17	24
BLACKWALL PEAK AUTOMATED SNOW PILLOW 2G03P										(91)	(77)			
	1934	Jan-31	157	476	595	80	181	198	736	538	1076	151	30	46
LOST HORSE MOUNTAIN 2G04										(72)	(03)			
	1988	Jan-31	86	212	165	128	45	154	144	335	70	25	24	53

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 (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
SUMALLO RIVER WEST 3D01C										(97)	(92)			
	801	Feb-07			242			304	147	368	0		33	22

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										(92)	(01)			
	437	Jan-26	101	315	505	62		710	417	821	192	31	30	29
NINGUNSAW PASS 4B10										(92)	(84)			
	647	Feb-01	102	242	319	76		462	282	603	171	24	28	36
TACHEK CREEK 4B06										(07)	(03)			
	1133	Jan-28	65	142	160	89		198	172	298	99	22	21	17
KAZA LAKE 1A12										(92)	(95)			
	1247	Jan-30	94	220	239	92	20	49	299	243	440	125	23	44
TRYGVE LAKE 4A11										(92)	(84)			
	1409	Jan-30	91	242	258	94	63	362	215	434	183	27	25	44
KIDPRICE LAKE 4B01										(12)	(03)			
	1415	Jan-31	128	490	638	77		1220	681	1220	420	38	32	58
HUDSON BAY MTN. 4B03A										(76)	(80)			
	1452	Jan-31	104	299	379	79	60	96	582	359	665	221	29	42
JOHANSON LAKE 4B02										(92)	(80)			
	1480	Jan-30	80	184	208	88	39	48	272	183	355	115	23	44

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										(75)	(03)			
	1168	Jan-29	84	224	274	82	74	224	302	483	130	27	28	54

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)	(mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
ABERDEEN LAKE 1F01A											(78)	(81)			
	1262	Jan-31	51	116	119	97			89	0	193	48	23	23	57
MONASHEE PASS 2E01											(97)	(80)			
	1387	Feb-01	87	208	245	85	104	80	0	221	364	122	24	27	54
KIRBYVILLE LAKE 2A25											(96)	(77)			
	1739	Jan-29	244	832	810	103	123	190	0	694	1160	381	34	33	40
SILVER STAR MOUNTAIN 2F10											(69)	(77)			
	1834	Feb-02	174	626	507	123		140	396	527	721	229	36	33	55
PARK MOUNTAIN AUTOMATED SNOW PILLOW 1F03P											(97)	(12)			
	1857	Feb-01	197	605	602	100	175	175	68	564	868	68	31		29
ENDERBY 1F04											(99)	(64)			
	1948	Feb-06	234	817	691	118		196	0	756	932	348	35	32	47

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)	(mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
NINGUNSAW PASS 4B10											(92)	(84)			
	647	Feb-01	102	242	319	76			462	282	603	171	24	28	36
DEASE LAKE 4C03											(92)	(69)			
	805	Jan-31	74	148	106	140	69	35	68	97	202	36	20	19	48
ISKUT 4D02											(92)	(00)			
	931	Feb-01	46	76	87	87		37	74	101	162	30	17	20	36

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)	(mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
CANOE RIVER 2A01A											(82)	(05)			
	866	Jan-30	36	47	90	52		40	124	108	140	17	13	21	37
DOWNIE SLIDE (LOWER) 2A27											(97)	(79)			
	964	Jan-29	146	448	509	88	160	189	0	470	740	256	31	29	36
GLACIER 2A02											(67)	(42)			
	1249	Jan-27	133	428	494	87	144	166	643	473	828	241	32	30	73
FIELD 2A03A											(97)	(40)			
	1310	Feb-04	42	76	133	57		48	121	130	233	46	18	22	74
VERMONT CREEK 2A19											(67)	(77)			
	1533	Feb-04			320			90	377	288	574	102		28	46
DOWNIE SLIDE (UPPER) 2A29											(96)	(79)			
	1628	Jan-29	256	910	933	98	118	243	0	750	1422	466	36	35	34
KICKING HORSE 2A07											(67)	(01)			
	1648	Feb-04	86	178	248	72	21	73	225	232	384	102	21	25	67
KIRBYVILLE LAKE 2A25											(96)	(77)			
	1739	Jan-29	244	832	810	103	123	190	0	694	1160	381	34	33	40

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 REVELSTOKE AUTOMATED SNOW PILLOW	1770	Feb-01		768	850	90	200	251	629	560	(99)	(01)			21
KEYSTONE CREEK	1839	Jan-29	160	520	548	95		148	0	492	(67)	(77)	33	31	44
FIDELITY MOUNTAIN	1852	Jan-27	214	687	867	79	149	250	1104	782	(91)	(01)	32	33	51
GOLDSTREAM	1914	Jan-29	217	721	793	91	136	195	0	721	(96)	(77)	33	33	45
BEAVERFOOT	1924	Feb-04	59	170	154	110	48	34	0	148	(74)	(01)	29	22	62
MOLSON CREEK AUTOMATED SNOW PILLOW	1930	Feb-01		686	760	90	146	202	1046	562.5	(91)	(04)			33
BUSH RIVER	1982	Jan-29			598			156	0	486	(67)	(93)		32	44
MOUNT ABBOT	2031	Jan-26	226	785	842	93	166	227	1142	740	(96)	(01)	35	33	53
SUNBEAM LAKE	2066	Jan-29			642			167	0	580	(67)	(01)		32	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	684	Jan-31	57	124	114	109	38	44	96	112	(74)	(05)	22	22	52
PACIFIC LAKE	756	Jan-28	163	453	451	100	75	141	649	440	(91)	(03)	28	28	46
BURNS LAKE	820	Jan-30	49	94	120	78	10	43	120	98	(97)	(81)	19	21	44
CANOE RIVER	866	Jan-30	36	47	90	52		40	124	108	(82)	(05)	13	21	37
PHILIP LAKE	1013	Jan-30	83	204	202	101	-13	52	272	197	(07)	(01)	25	23	45
HEDRICK LAKE	1113	Jan-28	173	539	500	108	131	165	753	501	(91)	(03)	31	30	45
KAZA LAKE	1247	Jan-30	94	220	239	92	20	49	299	243	(92)	(95)	23	24	44
MOUNT SHEBA	1480	Jan-28	170	567	570	99	76	170	872	560	(07)	(03)	33	31	45
BARKERVILLE AUTOMATED SNOW PILLOW	1483	Feb-01	92	210	253	83	48	85	-5	225	(85)	(82)	23		37
KNUDSEN LAKE	1598	Jan-28	157	455	584	78	104	174	840	519	(91)	(03)	29	31	43

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	Feb-01	212	553	574	96	163 159	-2	502	930	(91) (12)	26		29
LONGWORTH (UPPER) 1A05	1693	Jan-28	189	592	556	106	206	782	562	890	(90) (03)	31	31	42
YELLOWHEAD AUTOMATED SNOW PILLOW 1A01P	1847	Jan-31	91	0	455	n/a	-223 115	-22	200	596	(99) (12)	0		17

Basin VI VANCOUVER ISLAND

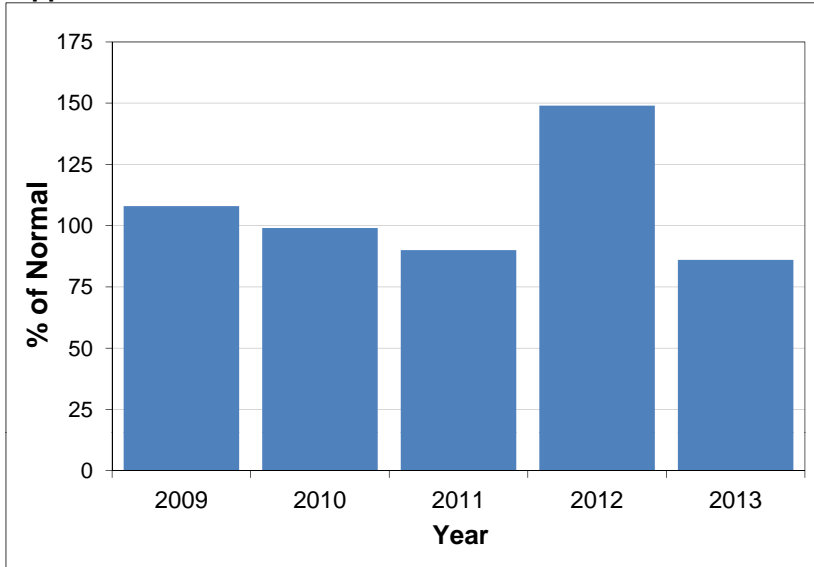
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ELK RIVER 3B04	270	Feb-02	22	82	96	85	26	77	141	544	(56) (01)	37	32	57
WOLF RIVER (LOWER) 3B19	615	Feb-02	105	368	248	148	148	254	444	572	(08) (05)	35	31	42
WOLF RIVER (MIDDLE) 3B18	1050	Feb-02	151	544	401	136	131	324	622	742	(72) (05)	36	32	42
FORBIDDEN PLATEAU 3B01	1110	Feb-02	281	1091	955	114	325	1164	1337	1640	(99) (05)	39	38	55
JUMP CREEK AUTOMATED SNOW PILLOW 3B23P	1134	Feb-01	225	824	710	116	204	282	511	1331	(07) (05)	37		18
WOLF RIVER (UPPER) AUTOMATED SNOW PILLOW 3B17P	1422	Feb-01		877	881	100	102	286	917	1189	(95) (99)	1371	-999	30

Basin WK WEST KOOTENAY

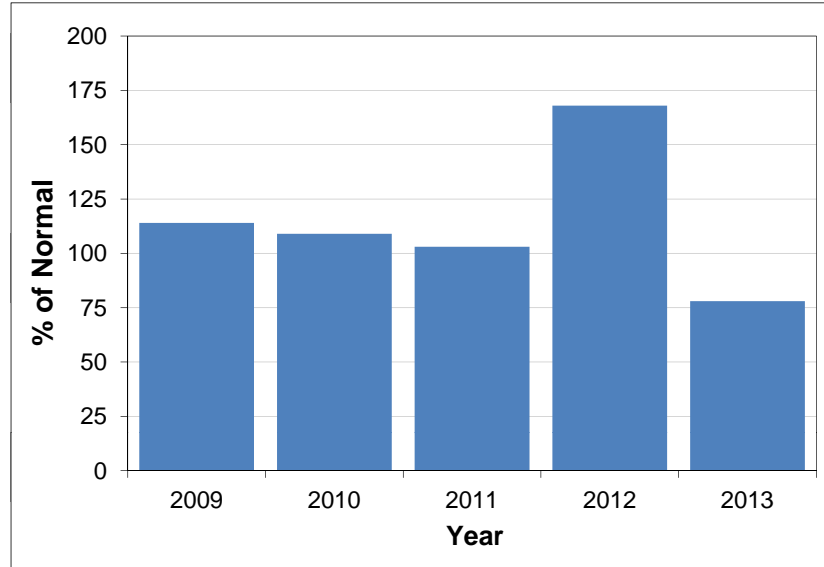
Snow Course Name and Number	Elev (m)	Date of Survey	Snow Depth (cm)	Water Equiv (mm)	Normal Water Equiv (mm)	% of Normal	Change/Normal Change (mm)	2012 (mm)	2011 (mm)	Max (mm)	Min (mm)	Dens (%)	Normal Dens (%)	Yrs of Rec
NELSON 2D04	952	Jan-30	69	180	276	65	59	101	237	234	(97) (77)	26	27	76
CHAR CREEK 2D06	1290	Feb-01	120	368	381	97	58	131	364	299	(97) (77)	31	29	47
GRAY CREEK (LOWER) 2D05	1558	Feb-07			326		131	285	378	511	(72) (77)		28	65
KOCH CREEK 2B07	1813	Feb-01			501		136	0	433	708	(97) (77)		32	53
MOUNT TEMPLEMAN 2D09	1879	Feb-04			748		218	762	684	1115	(74) (01)		33	45
GRAY CREEK (UPPER) 2D10	1926	Feb-07			527		142	568	575	792	(74) (79)		31	45
EAST CREEK AUTOMATED SNOW PILLOW 2D08P	2004	Feb-01		534	654	82	74	184	671	573.8	(91) (90)	1012	-999	33

Snow Basin Index Graphs - February 1, 2013

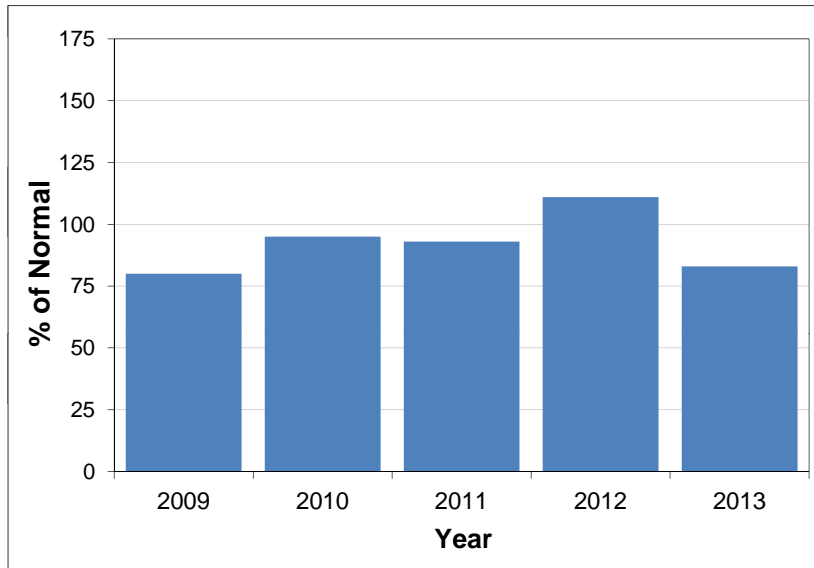
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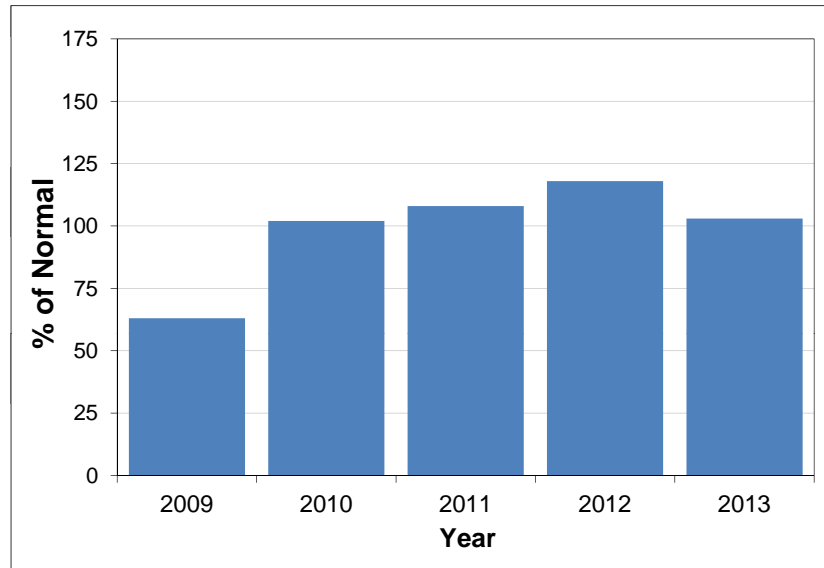
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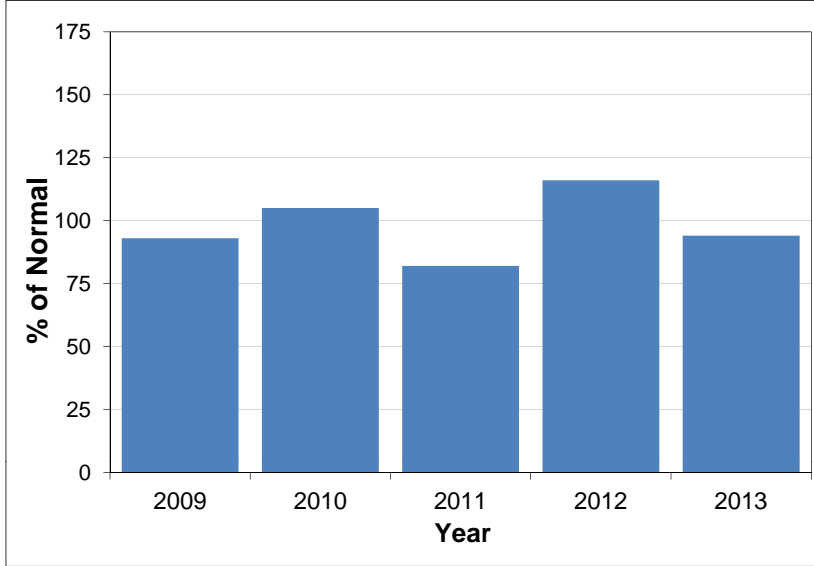
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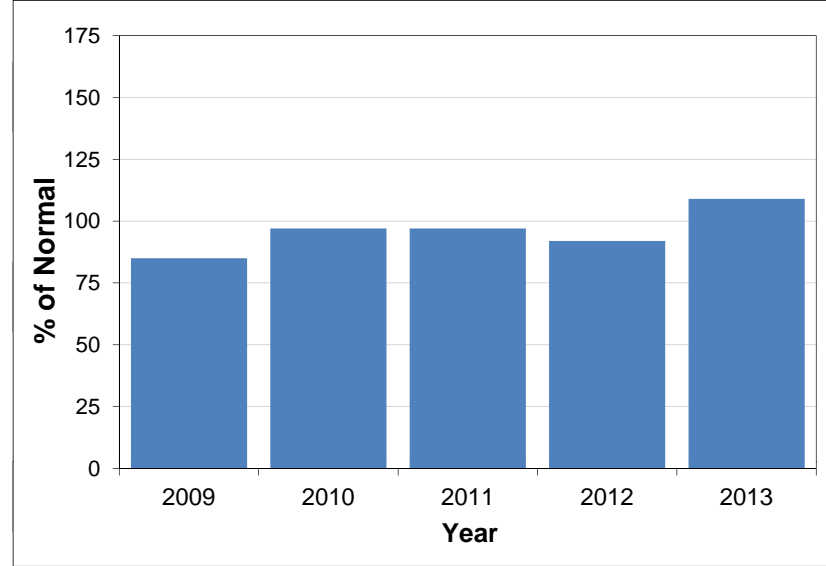
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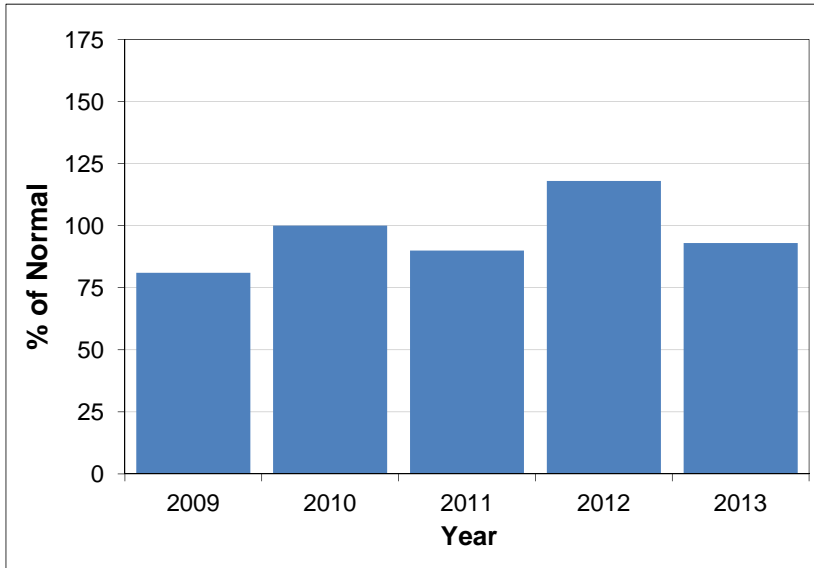
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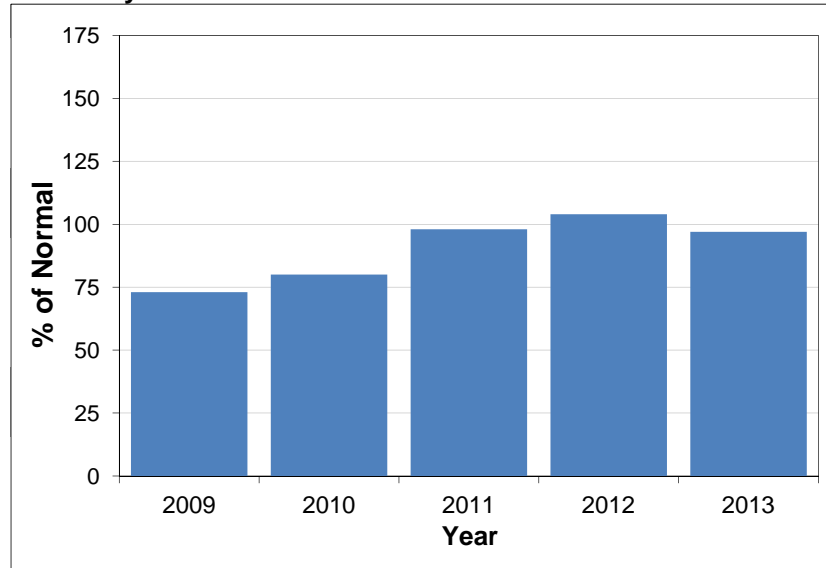
South Thompson



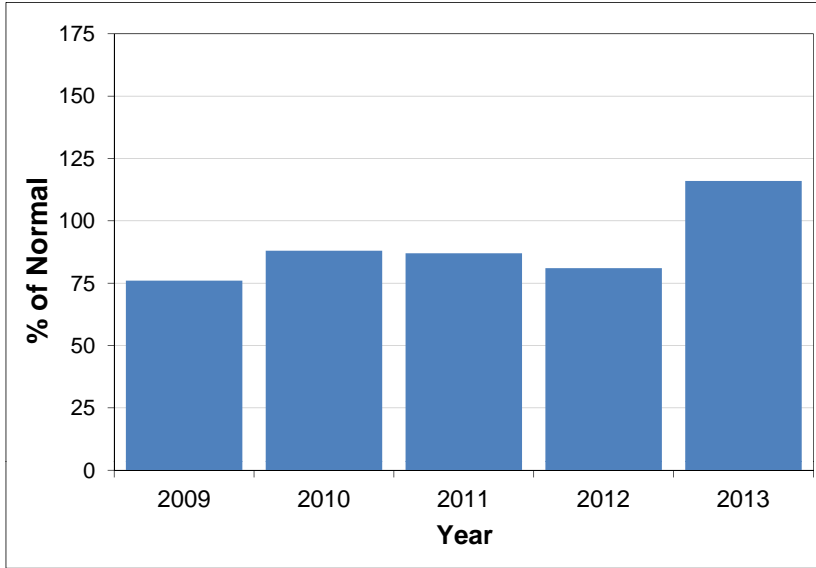
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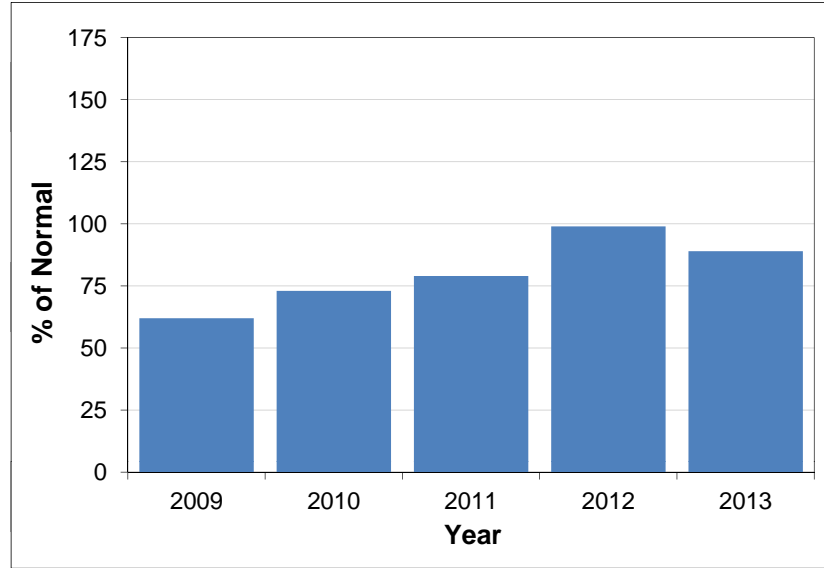
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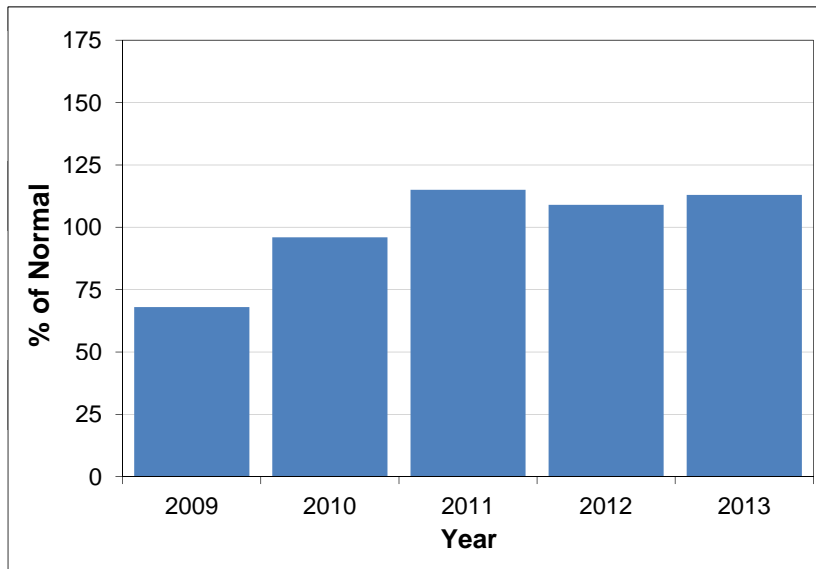
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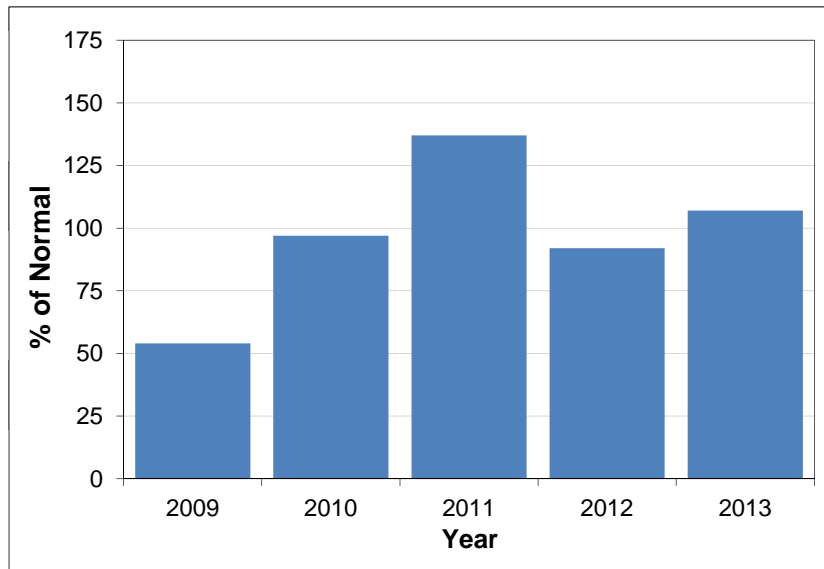
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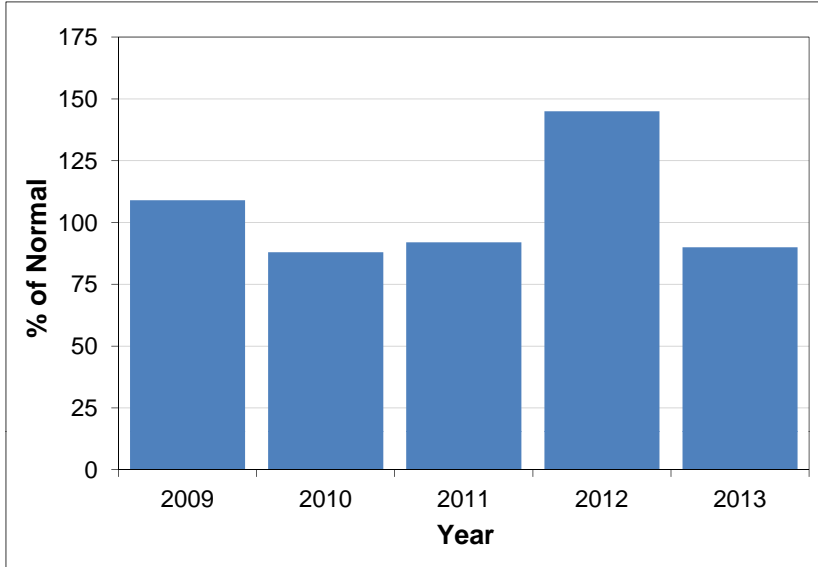
South Coast



Vancouver Island



Peace



Skeena-Nass

