



## **Snow Survey and Water Supply Bulletin – May 15<sup>th</sup>, 2016**

The May 15<sup>th</sup> snow survey is now complete. Data from 26 snow courses and 62 automated snow stations around the province, collected by the Ministry of Environment Snow Survey Program and partners, and climate data from Environment Canada have been used to form the basis of the following report<sup>1</sup>.

### **Weather**

Weather through the first half of May has been generally warm and dry across British Columbia, with periods of atmospheric instability and showers. Temperatures have continued to be warmer than normal, with extremely warm weather early in the month. Precipitation across the province has been below normal, with some areas in northern BC experiencing wetter than normal conditions.

### **Snowpack**

The provincial snow pack has continued to melt at a rapid rate. Most snow survey locations experienced 100-300mm of snow water equivalent loss over the May 1<sup>st</sup> to May 15<sup>th</sup> period, with current melt rates of 10-20mm per day being observed at most Automated Snow Weather Stations.

May 15<sup>th</sup> snow basin indices have declined since the May 1<sup>st</sup> indices, with the provincial average dropping from 53% to 39% over the period. The 2016 May 15<sup>th</sup> provincial average basin index is a new record low (measured since 1980). May 15<sup>th</sup> indices are extremely low (<60%) across the province, except in the North Thompson, South Thompson, and Upper Columbia, where indices are in the 70-86% of normal range for this time of year.

The low May 15<sup>th</sup> snow basin indices reflect the accelerated melt of the snow pack this season due to the extremely warm spring, rather than a lack of seasonal accumulation. May 15<sup>th</sup> snow packs this year are more typical of mid-June conditions, indicating that snow melt this season continues to progress about four weeks ahead of normal.

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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.

## Snow Survey and Water Supply Bulletin – May 15<sup>th</sup>, 2016

**Table 1: BC Snow Basin Indices – May 15, 2016**

Basin	% of Normal	Basin	% of Normal
Upper Fraser West	NO DATA <sup>1</sup>	Boundary	55
Upper Fraser East	23	Similkameen	12
Nechako	45	South Coast	57
Middle Fraser	21	Vancouver Island	35
Lower Fraser	49	Central Coast	21
North Thompson	80	Skagit	NO DATA
South Thompson	86	Peace	38
Upper Columbia	70	Skeena-Nass	25
West Kootenay	44	Stikine	1
East Kootenay	12	Liard	NO DATA
Okanagan	35	Northwest	NO DATA

1. 'No Data' indicates that no snow surveys were conducted within the basin during this survey period

### Streamflow

Freshet runoff echoes the pattern in snow melt, with many rivers experiencing flow conditions that are 3-4 weeks or more ahead of normal conditions. Since May 1<sup>st</sup> many rivers have experienced a transition from well-above normal flows, to near-normal or below-normal flows as of mid-May.

### Outlook

Strong El Niño-Southern Oscillation (ENSO) conditions that developed over the equatorial Pacific regions over the past winter are now rapidly declining, and are expected to reach neutral conditions over the next couple of months. The Climate Prediction Centre at the U.S. National Weather Service/NOAA has issued a "La Niña Watch" as modelling is indicating a high likelihood of La Niña conditions developing through the summer and fall of 2016. In the northern Pacific Ocean, temperature anomalies continue to decline offshore, and increase near-shore to British Columbia, indicating a potential warm-phase Pacific Decadal Oscillation (PDO) pattern.

Seasonal forecasts from Environment Canada are indicating an increased likelihood of above-normal temperatures across British Columbia over the May to July period, and into the extended forecast period of the late summer months. The warmer than average seasonal forecast is consistent with historic weather typically observed during positive in-phase ENSO and PDO conditions.

Most rivers have likely experienced their peak flow level for this season, and freshet flows are now receding. In rivers with a large proportion of high-elevation terrain, including the South Thompson River and upper Columbia River, the peak of the freshet is expected over the next few weeks. Seasonal flood risk due to snow melt is now limited across the province, however flooding could still occur from significant rainfall events.

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The advanced freshet is expected to put pressure on summer low flows in snow-melt dominated rivers across the province. In many of the smaller and low- to mid-elevation watersheds of the province (e.g. in Central Interior and South Interior), the transition to seasonally lower than normal flows has begun, and the trend is expected to expand to larger watersheds over the next few weeks. The influence of the snowmelt season occurring about a month early this year is expected to continue through the summer. While the volume of runoff is expected to be near normal throughout this year's freshet in most areas, the majority of this volume will occur through April and May, rather than May and June, as normally occurs. While the impact of this will vary from river to river across the province, the proportion of flows in June, July and August that are derived from snow melt will be greatly reduced. In the northeast and in lower elevation coastal watersheds, snow melt usually plays a minor role in summer flows, and rainfall is particularly important for determining the flows that are experienced through the summer.

For both spring flood risk and summer low flows, snow pack is just one of the important elements that determine whether or not extreme conditions will emerge. Extreme wet or dry weather can significantly impact the likelihood of peak and low flows. If the remainder of the spring and summer has near normal precipitation, below normal flows are likely throughout the province over the summer.

Current forecasts for the week suggest cool and unsettled weather. Significant rainfall is not expected to either pose localized flood risk, or ease the trend towards earlier low flows. The River Forecast Centre is modelling streamflow across the province. Information regarding freshet conditions, including hydrologic model forecasts, is available on the [Freshet page](#) on the RFC website. Seasonal information on drought and drought levels is available on the [BC Drought Information Portal](#).

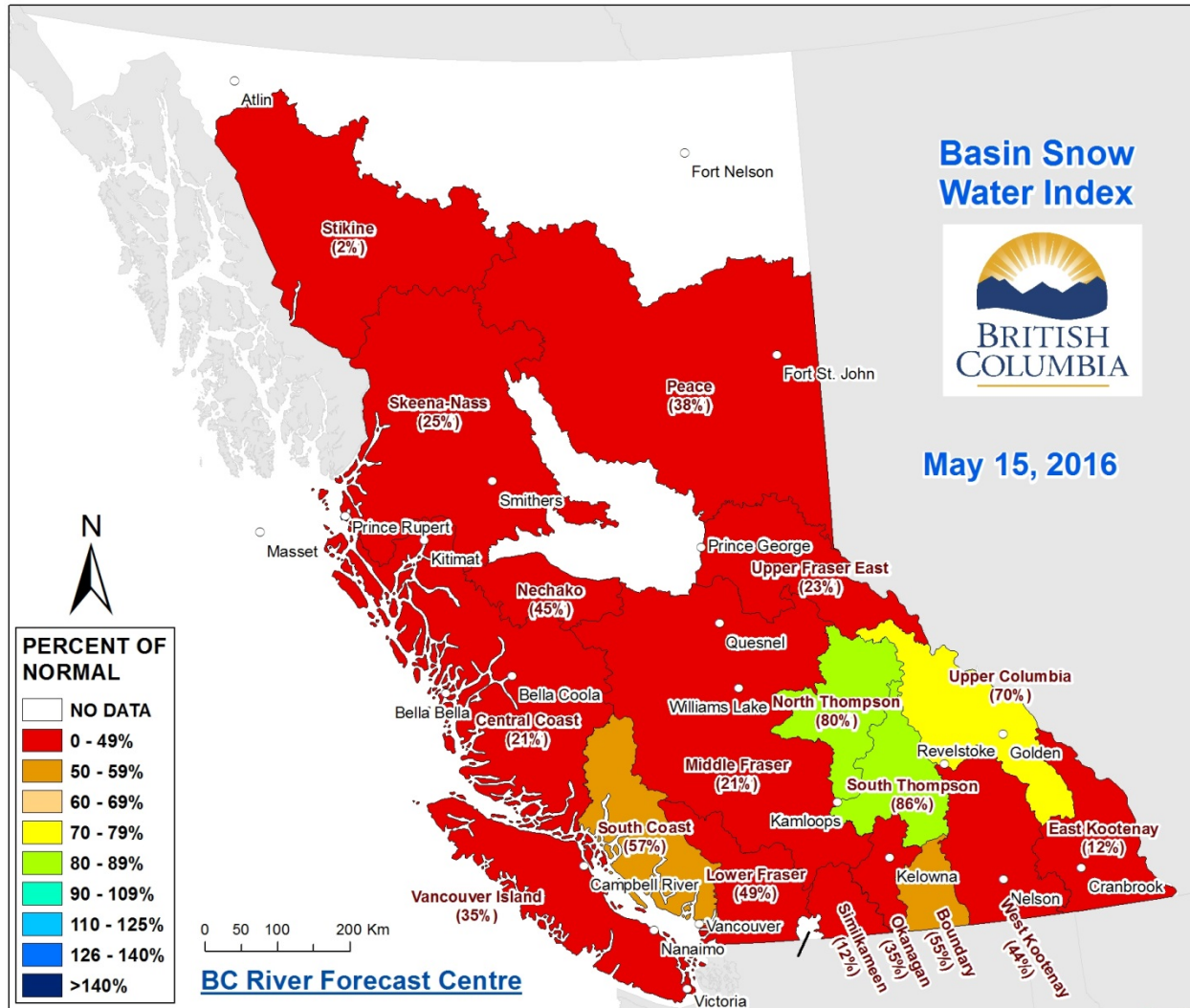
The River Forecast Centre will continue to monitor snow pack conditions and will provide an updated seasonal flood risk and stream flow forecast in the June 1<sup>st</sup> 2016 bulletin, which is scheduled for release on June 8<sup>th</sup>.

BC River Forecast Centre  
May 24, 2016



# Snow Survey and Water Supply Bulletin – May 15<sup>th</sup>, 2016

**Figure 1: Basin Snow Water Index – May 15<sup>th</sup>, 2016.** The low May 15<sup>th</sup> snow basin indices reflect the accelerated melt of the snow pack this season due to the extremely warm spring, rather than a lack of total seasonal snow accumulation.



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2016 Automated Snow Pillow/Manual Snow Survey Data				May 15					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	2015 SWE (mm)	2014 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
1A01P	YELLOWHEAD LAKE	Upper Fraser East	1860	2016-05-15	6	159		30%	481	586	143	833	522	19
1A02P	MC BRIDE UPPER	Upper Fraser East	1580	2016-05-15	0	7		2%	428	536	65	656	403	24
1A03P	BARKERVILLE	Upper Fraser East	1520	2016-05-15	3	1		0%	12	363	0	503	213	41
1A05	LONGWORTH (UPPER)	Upper Fraser East	1693	NS	NS	NS	NS				292	1219	798	55
1A06A	HANSARD	Upper Fraser East	622	NS	NS	NS	NS						0	0
1A10	PRINCE GEORGE A	Upper Fraser East	684	NS	NS	NS	NS				0	76	5	24
1A11	PACIFIC LAKE	Upper Fraser East	756	NS	NS	NS	NS				0	728	339	36
1A12	KAZA LAKE	Upper Fraser West	1247	NS	NS	NS	NS				212	212	212	2
1A12P	KAZA LAKE	Upper Fraser East	1248	2016-05-15	4	0								0
1A14P	HEDRICK LAKE	Upper Fraser East	1100	2016-05-15	46	117		16%	338	1307	338	1277	754	16
1A15	KNUDSEN LAKE	Upper Fraser East	1598	NS	NS	NS	NS				359	1271	836	35
1A16	BURNS LAKE	Upper Fraser West	820	NS	NS	NS	NS				0	0	0	17
1A17P	REVOLUTION CREEK	Upper Fraser East	1690	2016-05-15	82	311		43%	785	1247	228	1307	716	31
1A19P	DOME MOUNTAIN	Upper Fraser East	1820	2016-05-15	95	459		55%	810	1039	555	1215	828	10
1A23	BIRD CREEK	Upper Fraser West	1196	NS	NS	NS	NS				0	0	0	1
1B01	MOUNT WELLS	Nechako	1489	NS	NS	NS	NS				164	869	280	7
1B01P	MOUNT WELLS	Nechako	1490	2016-05-15	NA	155		32%	696	418	171	946	491	24
1B02	TAHTSA LAKE	Nechako	1319	NS	NS	NS	NS				924	1687	924	6
1B02P	TAHTSA LAKE	Nechako	1300	2016-05-15	NA	760		59%	1217	818	674	2340	1287	24
1B05	SKINS LAKE	Nechako	877	NS	NS	NS	NS				0	0	0	2
1B06	MOUNT SWANNELL	Nechako	1596	NS	NS	NS	NS				0	331	166	2
1B07	NUTLI LAKE	Nechako	1502	NS	NS	NS	NS				197	197	197	2
1B08P	MOUNT PONDOSY	Nechako	1400	2016-05-15	NA	279		44%	815	314	216	1198	628	24
1C01	BROOKMERE	Middle Fraser	994	NS	NS	NS	NS				0	208	22	28
1C05	MCGILLIVRAY PASS	Middle Fraser	1715	NS	NS	NS	NS				184	965	455	20
1C06	PAVILION	Middle Fraser	1209	NS	NS	NS	NS				0	0	0	6
1C08	NAZKO	Middle Fraser	1029	NS	NS	NS	NS						0	0
1C09A	HIGHLAND VALLEY	Middle Fraser	1547	NS	NS	NS	NS				0	30	3	25
1C12P	GREEN MOUNTAIN	Middle Fraser	1780	2016-05-15	NA	479		60%	583	536	424	1369	803	22
1C13A	HORSEFLY MOUNTAIN	Middle Fraser	1612	NS	NS	NS	NS				655	655	0	1
1C14	BRALORNE	Middle Fraser	1382	NS	NS	NS	NS				0	80	11	20
1C17	MOUNT TIMOTHY	Middle Fraser	1632	2016-05-11	0	0	T	0%			0	466	181	49
1C18P	MISSION RIDGE	Middle Fraser	1850	2016-05-15	NA	0		0%	124	330	0	972	336	46
1C19	GNAWED MOUNTAIN	Middle Fraser	1617	NS	NS	NS	NS				0	157	23	23
1C20P	BOSS MOUNTAIN MINE	Middle Fraser	1460	2016-05-15	21	147		32%	215	417	176	746	455	22
1C21	BIG CREEK	Middle Fraser	1130	NS	NS	NS	NS						0	0
1C22	PUNTZI MOUNTAIN	Middle Fraser	939	NS	NS	NS	NS				0	0	0	2
1C23	PENFOLD CREEK	Middle Fraser	1687	NS	NS	NS	NS				585	1400	1022	44
1C25	LAC LE JEUNE (UPPER)	Middle Fraser	1471	NS	NS	NS	NS				0	67	22	5

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1C28	DUFFEY LAKE	Middle Fraser	1253	NS	NS	NS	NS						0	0
1C29	SHOVELNOSE MOUNTAIN	Middle Fraser	1456	NS	NS	NS	NS						0	0
1C32	DEADMAN RIVER	Middle Fraser	1463	NS	NS	NS	NS						0	0
1C33A	GRANITE MOUNTAIN	Middle Fraser	1175	NS	NS	NS	NS						0	0
1C37	BRALORNE(UPPER)	Middle Fraser	1980	NS	NS	NS	NS						0	0
1C38	DOWNTON LAKE (UPPER)	Middle Fraser	1884	NS	NS	NS	NS						0	0
1C38P	DOWNTON / LAJOIE UPPER	Middle Fraser	1829	2016-05-15	NA	700								0
1C39	BRIDGE GLACIER (LOWER)	Middle Fraser	1393	NS	NS	NS	NS						0	0
1C40	TYAUGHTON CREEK (NORTH)	Middle Fraser	1946	NS	NS	NS	NS						0	0
1C40P	NORTH TYAUGHTON	Middle Fraser	1969	2016-05-15	NA	0								0
1C41P	YANKS PEAK, EAST	Middle Fraser	1670	2016-05-15	68	421		54%	750	1183	386	1129	774	19
1C42	CAVERHILL LAKE NEW	Middle Fraser	1400	NS	NS	NS	NS							0
1D06P	TENQUILLE LAKE	Lower Fraser	1680	2016-05-15	146	683		70%	727	692	469	1693	973	15
1D08	STAVE LAKE	Lower Fraser	1211	NS	NS	NS	NS				2438	2438	0	1
1D09	WAHLEACH LAKE	Lower Fraser	1395	NS	NS	NS	NS				102	656	428	11
1D09P	WAHLEACH LAKE	Lower Fraser	1400	2016-05-15	NA	421		42%	300	940	300	1793	1001	24
1D10	NAHATLATCH RIVER	Lower Fraser	1530	NS	NS	NS	NS				1202	2423	1467	5
1D16	DICKSON LAKE	Lower Fraser	1147	NS	NS	NS	NS				2070	2070	2070	1
1D17P	CHILLIWACK RIVER	Lower Fraser	1600	2016-05-15	140	923		66%	529	2200	405	2540	1398	24
1D18	DISAPPOINTMENT LAKE	Lower Fraser	1050	2016-05-13	138	704								
1D19P	SPUZZUM CREEK	Lower Fraser	1180	2016-05-15	120	736		48%	0	1434	0	2900	1533	17
1E01B	BLUE RIVER	North Thompson	673	NS	NS	NS	NS				0	213	0	10
1E02P	MOUNT COOK	North Thompson	1550	2016-05-15	209	1277		96%	1096	1328	855	1793	1334	16
1E03A	TROPHY MOUNTAIN	North Thompson	1907	2016-05-18	82	410		66%		697	301	1114	618	33
1E05	KNOUFF LAKE	North Thompson	1189	NS	NS	NS	NS						0	0
1E07	ADAMS RIVER	North Thompson	1769	2016-05-13	109	590		86%	451	785	280	1158	690	44
1E08P	AZURE RIVER	North Thompson	1620	2016-05-15	113	784		68%	1274	1006	746	1684	1152	19
1E10P	KOSTAL LAKE	North Thompson	1770	2016-05-15	NA	601	E	69%	754	883	569	1358	870	31
1E14P	COOK CREEK	North Thompson	1280	2016-05-15	0	0								0
1F01A	ABERDEEN LAKE	South Thompson	1262	NS	NS	NS	NS				0	28	14	13
1F02	ANGLEMONT	South Thompson	1168	NS	NS	NS	NS			113	0	361	99	20
1F03P	PARK MOUNTAIN	North Thompson	1890	2016-05-15	126	723		78%	827	1145	315	1358	929	31
1F04	ENDERBY	South Thompson	1948	N	N	N	N			1247	662	1499	1072	51
1F06P	CELISTA MOUNTAIN	North Thompson	1551	2016-05-15	99	589		70%	659	1044	420	1163	841	11
2A01A	CANOE RIVER	Upper Columbia	866	NS	NS	NS	NS				0	0	0	5
2A02	GLACIER	Upper Columbia	1249	NS	NS	NS	NS				114	1034	498	47
2A03A	FIELD	Upper Columbia	1310	NS	NS	NS	NS				0	0	0	3
2A06P	MOUNT REVELSTOKE	Upper Columbia	1830	2016-05-15	NA	891		72%	968	1177	700	1777	1235	23
2A07	KICKING HORSE	Upper Columbia	1648	NS	NS	NS	NS				0	521	229	50

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2A11	BEAVERFOOT	Upper Columbia	1924	NS	NS	NS	NS				0	399	0	4
2A14	MOUNT ABBOT	Upper Columbia	2031	NS	NS	NS	NS				837	1944	1319	37
2A16	GOLDSTREAM	Upper Columbia	1914	NS	NS	NS	NS				1055	1055	1055	1
2A17	FIDELITY MOUNTAIN	Upper Columbia	1852	NS	NS	NS	NS				837	1950	1271	33
2A18	KEYSTONE CREEK	Upper Columbia	1839	NS	NS	NS	NS				683	683	683	1
2A18P	KEYSTONE CREEK	Upper Columbia	1850	2016-05-15	NA	552								0
2A19	VERMONT CREEK	Upper Columbia	1533	NS	NS	NS	NS				225	813	225	2
2A21P	MOLSON CREEK	Upper Columbia	1980	2016-05-15	NA	742		68%	1009	1091	602	1707	1085	35
2A22	SUNBEAM LAKE	Upper Columbia	2066	NS	NS	NS	NS				863	863	863	1
2A23	BUSH RIVER	Upper Columbia	1982	NS	NS	NS	NS				766	766	766	1
2A25	KIRBYVILLE LAKE	Upper Columbia	1739	NS	NS	NS	NS				1130	1257	1194	2
2A27	DOWNIE SLIDE (LOWER)	Upper Columbia	964	NS	NS	NS	NS				0	522	297	10
2A29	DOWNIE SLIDE (UPPER)	Upper Columbia	1628	NS	NS	NS	NS				582	1425	1284	9
2A30P	COLPITTI CREEK	Upper Columbia	2131	2016-05-15	NA	467								0
2A31P	CARIBOU CREEK UPPER	Upper Columbia	2201	2016-05-15	NA	656								0
2A32P	WILDCAT CREEK	Upper Columbia	2122	2016-05-15	NA	346								0
2B02A	FARRON	West Kootenay	1229	2016-05-13	0	0		0%	0	25	0	222	63	36
2B05	WHATSHAN (UPPER)	West Kootenay	1476	NS	NS	NS	NS				164	737	164	3
2B06P	BARNES CREEK	Lower Columbia	1620	2016-05-15	NA	181		41%	321	630	98	758	438	23
2B07	KOCH CREEK	West Kootenay	1813	NS	NS	NS	NS				675	1148	675	2
2B08P	ST. LEON CREEK	Lower Columbia	1800	2016-05-15	NA	661		66%	879	1292	639	1568	1004	23
2B09	RECORD MOUNTAIN	West Kootenay	1906	2016-05-14	49	242		38%	114	550	83	1367	645	41
2C01	SINCLAIR PASS	East Kootenay	1374	NS	NS	NS	NS				0	107	0	32
2C04	SULLIVAN MINE	East Kootenay	1580	2016-05-15	0	0	T	0%	0	248	0	457	80	67
2C07	FERNIE EAST	East Kootenay	1213	2016-05-20	0	0		0%	0	62	0	298	34	61
2C09Q	MORRISSEY RIDGE	East Kootenay	1800	2016-05-15	NA	0		0%	95	1079	0	1102	484	36
2C10P	MOYIE MOUNTAIN	East Kootenay	1930	2016-05-15	2	0		0%	0	458	0	678	225	37
2C14P	FLOE LAKE	East Kootenay	2090	2016-05-15	NA	375		50%	588	923	304	1101	752	23
2C15	MOUNT ASSINIBOINE	East Kootenay	2230	NS	NS	NS	NS				534	534	534	1
2C16	MOUNT JOFFRE	East Kootenay	1763	NS	NS	NS	NS				338	338	338	1
2C17	THUNDER CREEK	East Kootenay	2062	NS	NS	NS	NS				220	220	220	1
2C20	VERMILLION RIVER NO. 3	East Kootenay	1612	NS	NS	NS	NS				0	381	0	7
2D02	FERGUSON	West Kootenay	929	NS	NS	NS	NS				20	640	302	38
2D03	SANDON	West Kootenay	1072	NS	NS	NS	NS				0	218	0	10
2D04	NELSON	West Kootenay	952	NS	NS	NS	NS				0	243	46	41
2D05	GRAY CREEK (LOWER)	West Kootenay	1558	NS	NS	NS	NS				0	709	330	54
2D06	CHAR CREEK	West Kootenay	1290	2016-05-13	0	0		0%	0	378			272	48
2D07A	DUNCAN LAKE NO. 2	West Kootenay	662	NS	NS	NS	NS						0	0
2D08P	EAST CREEK	West Kootenay	2030	2016-05-15	NA	624		71%	865	952	461	1387	874	35

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2D09	MOUNT TEMPLEMAN	West Kootenay	1879	NS	NS	NS	NS				978	978	978	1
2D10	GRAY CREEK (UPPER)	West Kootenay	1926	NS	NS	NS	NS				311	1194	709	34
2D14P	REDFISH CREEK	West Kootenay	2104	2016-05-15	208	1168		89%	1374	1497	1024	1771	1309	14
2E01	MONASHEE PASS	Boundary	1387	NS	NS	NS	NS				0	363	206	28
2E02	CARMI	Boundary	1254	NS	NS	NS	NS				0	0	0	14
2E03	BIG WHITE MOUNTAIN	Boundary	1672	2016-05-17	25	80		22%		421	0	732	366	49
2E07P	GRANO CREEK	Kettle	1860	2016-05-15	62	405		78%	333	582	290	881	520	18
2F01A	TROUT CREEK (WEST)	Okanagan	1430	2016-05-13	0	0		0%	0	60	0	243	58	6
2F02	SUMMERLAND RESERVOIR	Okanagan	1304	2016-05-24	0	0		0%	0		0	218	13	49
2F03	MC CULLOCH	Okanagan	1266	NS	NS	NS	NS				0	102	0	39
2F04	GRAYSTOKE LAKE	Okanagan	1818	NS	NS	NS	NS				0	742	360	17
2F05P	MISSION CREEK	Okanagan	1780	2016-05-15	56	255		66%	293	679	0	829	386	46
2F07	POSTILL LAKE	Okanagan	1358	NS	NS	NS	NS				71	180	143	7
2F08	GRAYBACK RESERVOIR	Okanagan	1548	2016-05-14	0	0		0%	55	225	0	323	79	44
2F09	WHITEROCKS MOUNTAIN	Okanagan	1789	2016-05-14	46	219		61%	167	375	0	968	357	45
2F10P	SILVER STAR MOUNTAIN	Okanagan	1839	2016-05-15	138	645	E							0
2F11	ISINTOK LAKE	Okanagan	1651	2016-05-20	0	0		0%	0	0	0	386	46	50
2F12	MOUNT KOBAN	Okanagan	1817	2016-05-15	13	56		22%	74	163	0	516	253	50
2F13	ESPERON CR (UPPER)	Okanagan	1634	2016-05-12	42	186		61%	174		66	625	306	13
2F14	ESPERON CR (MIDDLE)	Okanagan	1440	2016-05-12	25	122		74%	62		0	380	164	14
2F18P	BRENDA MINE	Okanagan	1460	2016-05-15	NA	1		5%	0	0	0	208	20	23
2F19	OYAMA LAKE	Okanagan	1365	NS	NS	NS	NS				97	97	0	2
2F20	VASEUX CREEK	Okanagan	1403	2016-05-15	0	0		0%	0	0	0	80	7	43
2F21	BOULEAU LAKE	Okanagan	1405	NS	NS	NS	NS				173	328	328	4
2F23	MACDONALD LAKE	Okanagan	1742	NS	NS	NS	NS		180		0	652	334	20
2F24	ISLAHT LAKE	Okanagan	1492	2016-05-17	1	3		1%		115	0	352	221	7
2F25	POSTILL LAKE (UPPER)	Okanagan	1500	NS	NS	NS	NS							0
2G03P	BLACKWALL PEAK	Similkameen	1940	2016-05-15	0	416	E	62%	469	844	208	1481	671	48
2G04	LOST HORSE MOUNTAIN	Similkameen	1988	2016-05-12	0	0		0%	126	285	0	577	169	54
2G05	MISSEZULA MOUNTAIN	Similkameen	1602	2016-05-12	0	0		0%	0	138	0	218	32	56
2G06	HAMILTON HILL	Similkameen	1477	2016-05-20	0	0		0%	0		0	434	110	37
3A01	GROUSE MOUNTAIN	South Coast	1126	NS	NS	NS	NS				528	1714	0	5
3A02	POWELL RIVER (UPPER)	South Coast	1002	NS	NS	NS	NS				816	816	816	1
3A05	POWELL RIVER (LOWER)	South Coast	882	NS	NS	NS	NS				378	378	378	1
3A09	PALISADE LAKE	South Coast	898	NS	NS	NS	NS				336	3600	1968	4
3A10	DOG MOUNTAIN	South Coast	1007	2016-05-13	49	284		27%	0		0	2920	1041	30
3A19	ORCHID LAKE	South Coast	1178	2016-05-13	201	1131		65%	0		0	3730	1729	36
3A20	CALLAGHAN CREEK	South Coast	1009	NS	NS	NS	NS				55	1311	444	16
3A22P	NOSTETUKO RIVER	South Coast	1500	2016-05-15	96	34		10%	0	229	0	939	355	27

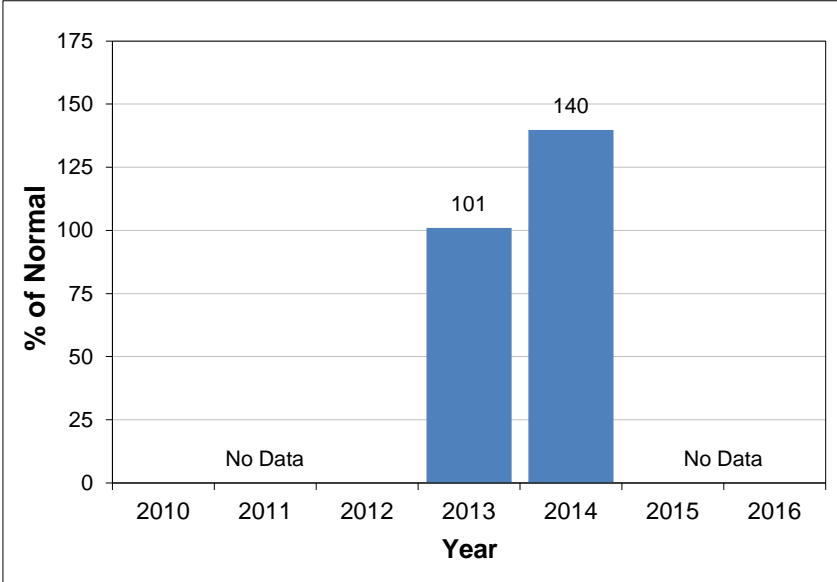


2016 Automated Snow Pillow/Manual Snow Survey Data				May 15				Historic Snow Water Equivalent (mm)						
Station ID	Name	Basin	Elevation (masl)	Survey Date YYYY-MM-DD	SD (cm)	SWE (mm)	Code	SWE % 1981-2010 Normal	2015 SWE (mm)	2014 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
3A24P	UPPER MOSLEY CREEK	South Coast	1650	2016-05-15	0	0		0%	98	135	0	467	149	27
3A25P	UPPER SQUAMISH RIVER	South Coast	1340	2016-05-15	NA	1163		78%	474	984	474	2980	1486	26
3B01	FORBIDDEN PLATEAU	Vancouver Island	1110	NS	NS	NS	NS				345	2631	1576	33
3B02A	MT. COKELY	Vancouver Island	1267	NS	NS	NS	NS						0	0
3B04	ELK RIVER	Vancouver Island	270	NS	NS	NS	NS						0	0
3B10	UPPER THELWOOD LAKE	Vancouver Island	1014	NS	NS	NS	NS				1364	2697	1731	9
3B17P	WOLF RIVER	Vancouver Island	1490	2016-05-15	NA	767		62%	137	681	137	2719	1229	34
3B18	WOLF RIVER (MIDDLE)	Vancouver Island	1050	NS	NS	NS	NS				0	1148	481	15
3B19	WOLF RIVER (LOWER)	Vancouver Island	615	NS	NS	NS	NS				0	549	78	15
3B23P	JUMP CREEK	Vancouver Island	1160	2016-05-15	12	78		7%	0	440	0	3500	1097	20
3B24P	HEATHER MOUNTAIN UPPER	Vancouver Island	1190	2016-05-15	112	933								0
3C07	WEDEENE RIVER SOUTH	Central Coast	196	NS	NS	NS	NS				232	232	232	1
3C08P	BURNT BRIDGE CREEK	North Coast	1330	2016-05-15	20	130		21%	526	586	184	1438	634	18
3D01C	SUMALLO RIVER WEST	Skagit	801	NS	NS	NS	NS						0	0
3D02	LIGHTNING LAKE	Skagit	1254	NS	NS	NS	NS				544	544	0	1
3D03A	KLESILKWA	Skagit	1134	NS	NS	NS	NS				0	490	11	4
4A02P	PINE PASS	Peace	1400	2016-05-15	140	740		74%	923	1030	813	1654	999	27
4A03	WARE (UPPER)	Peace	1563	NS	NS	NS	NS				114	114	114	1
4A04	WARE (LOWER)	Peace	969	NS	NS	NS	NS				0	0	0	1
4A05	GERMANSEN (UPPER)	Peace	1489	NS	NS	NS	NS				272	414	272	6
4A06	TUTIZZI LAKE	Peace	1043	NS	NS	NS	NS				0	0	0	1
4A07	LADY LAURIER LAKE	Peace	1446	NS	NS	NS	NS				420	420	420	1
4A09	PULPIT LAKE	Peace	1331	NS	NS	NS	NS				230	293	262	2
4A09P	PULPIT LAKE	Peace	1310	2016-05-15	1	4		1%	188	256	14	562	267	26
4A10	FREDRICKSON LAKE	Peace	1323	NS	NS	NS	NS				74	74	74	1
4A11	TRYGVE LAKE	Peace	1409	NS	NS	NS	NS				269	269	269	1
4A12	TSAYDAYCHI LAKE	Peace	1173	NS	NS	NS	NS				302	302	302	1
4A13	PHILIP LAKE	Peace	1013	NS	NS	NS	NS				128	128	128	1
4A16	MORFEE MOUNTAIN	Peace	1427	NS	NS	NS	NS				343	1072	535	16
4A18	MOUNT SHEBA	Peace	1480	NS	NS	NS	NS				340	1179	794	12
4A20	MONKMAN CREEK	Peace	1566	NS	NS	NS	NS				0	912	478	12
4A21	MOUNT STEARNS	Peace	1514	NS	NS	NS	NS				45	45	45	1
4A25	FORT ST. JOHN AIRPORT	Peace	692	NS	NS	NS	NS				0	0	0	4
4A30P	AIKEN LAKE	Peace	1040	2016-05-15	0	13		24%	3	68	0	206	55	31
4A31P	CRYING GIRL PRAIRIE	Peace	1358	2016-05-15	NA	0								0
4A33P	MUSKWA-KECHIKA	Peace	1196	2016-05-15	NA	0	E							0
4B01	KIDPRICE LAKE	Skeena-Nass	1415	NS	NS	NS	NS				534	1278	534	5
4B02	JOHANSON LAKE	Skeena-Nass	1480	NS	NS	NS	NS				178	178	178	2
4B03A	HUDSON BAY MTN	Skeena-Nass	1452	2016-05-12	25	108		25%	384	381	160	822	424	43

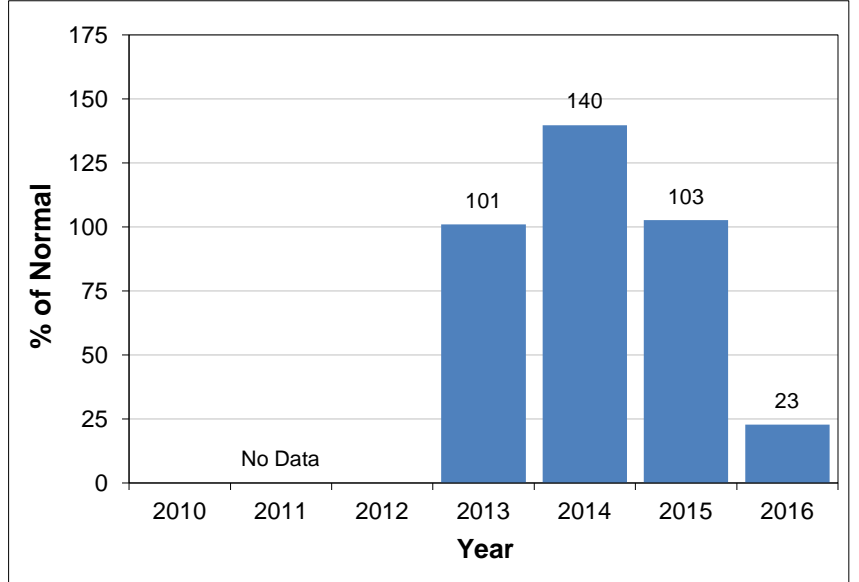


## Snow Basin Index Graphs - May 15, 2016

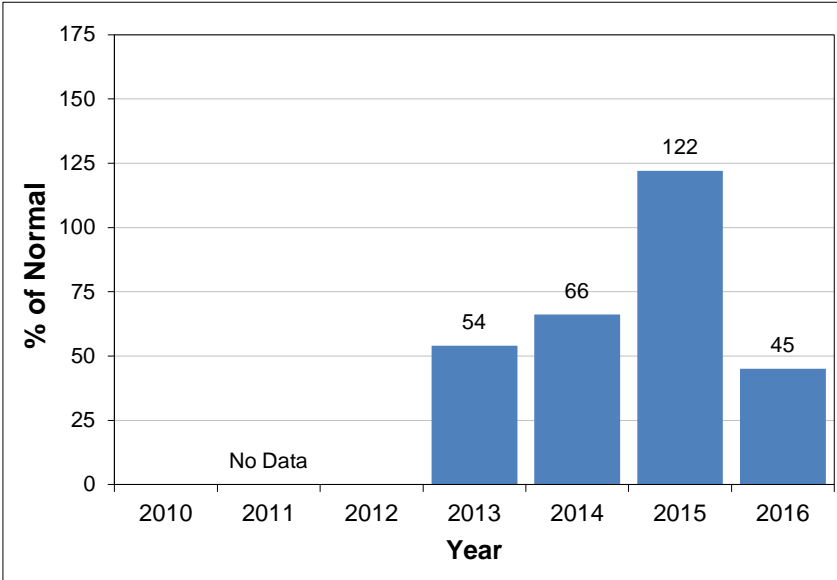
### Upper Fraser West



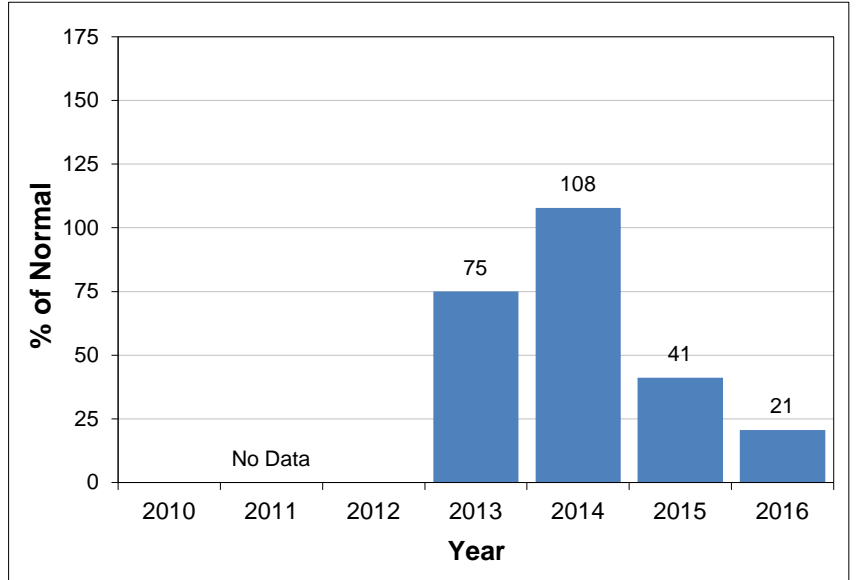
### Upper Fraser East



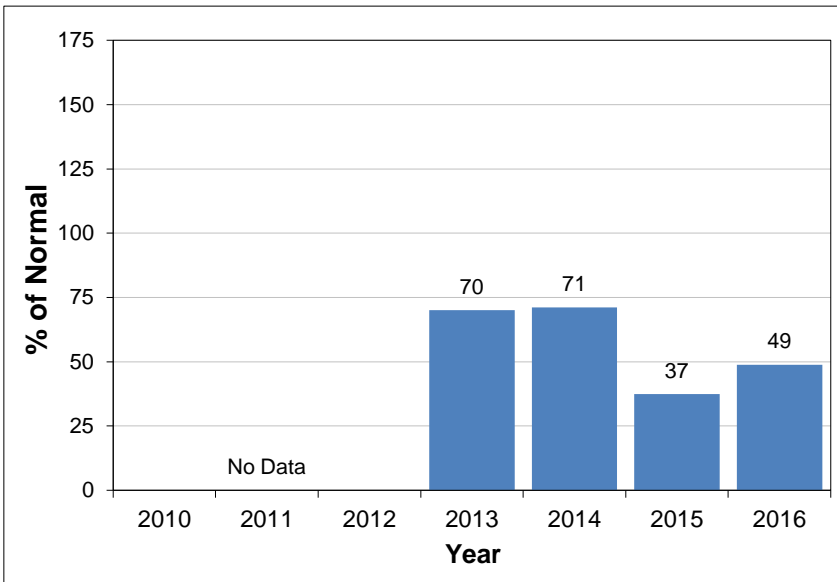
### Nechako



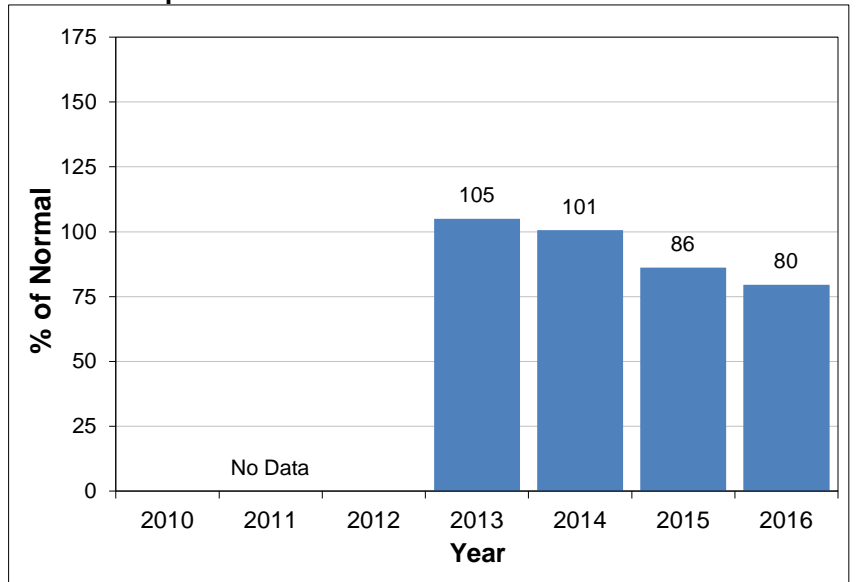
### Middle Fraser



### Lower Fraser

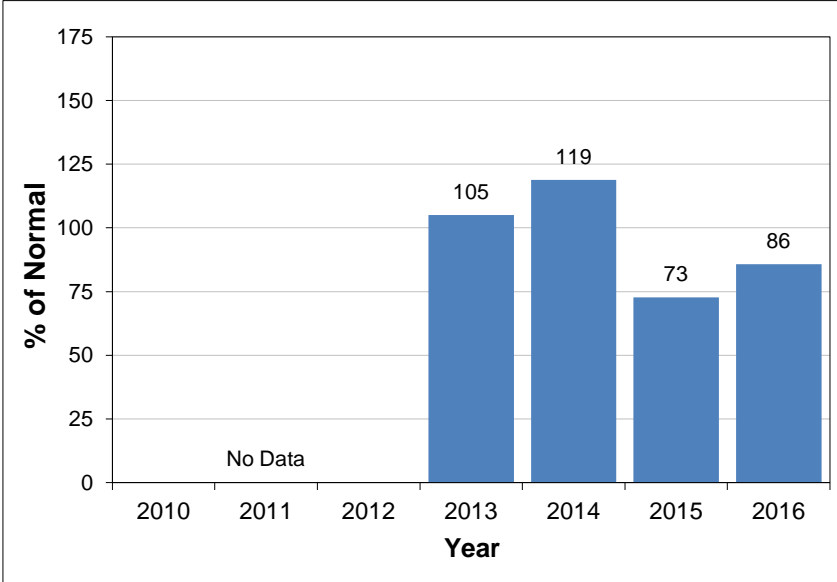


### North Thompson

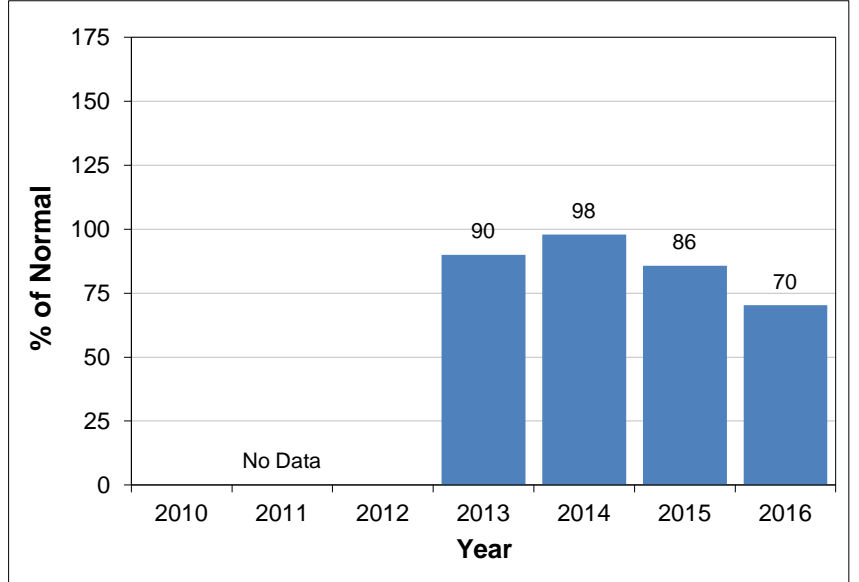


## Snow Basin Index Graphs - May 15, 2016

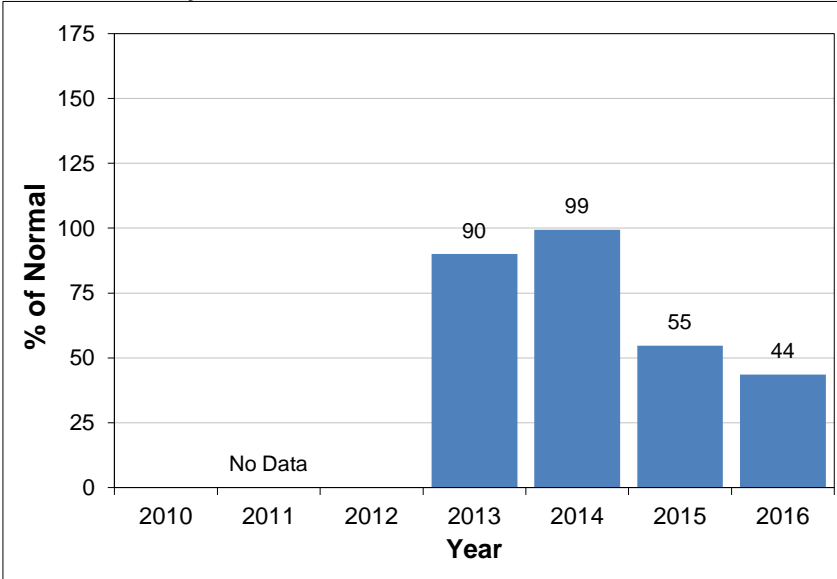
### South Thompson



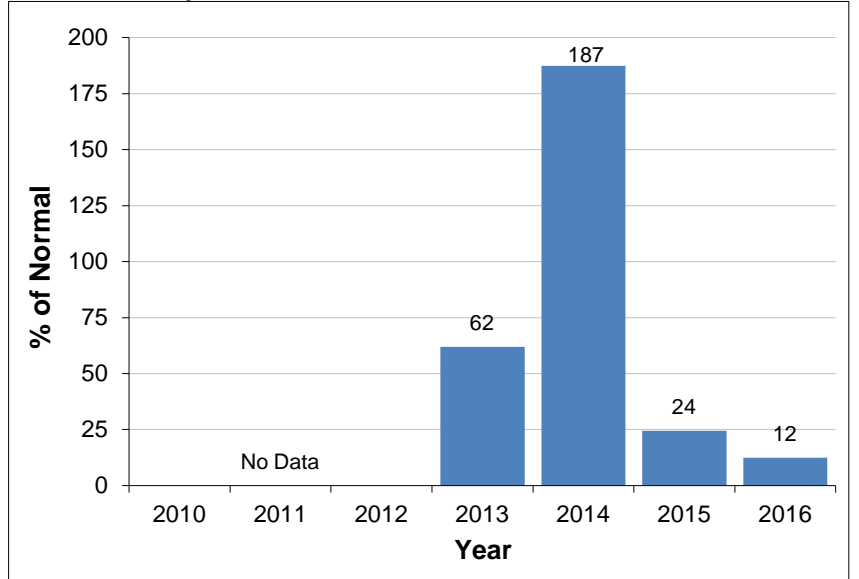
### Upper Columbia



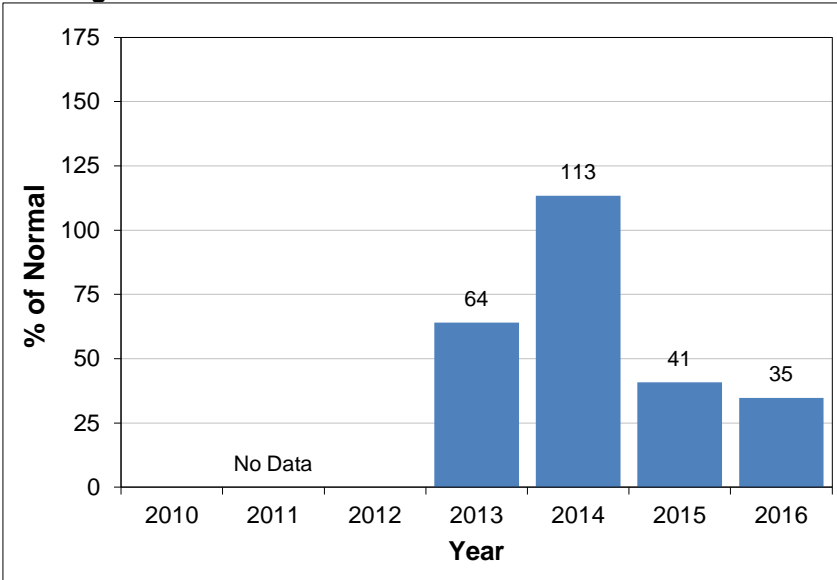
### West Kootenay



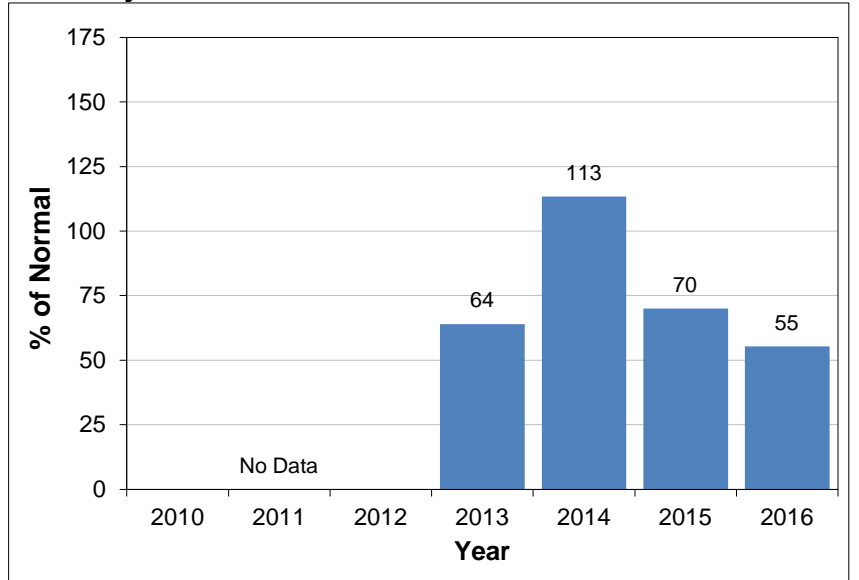
### East Kootenay



### Okanagan

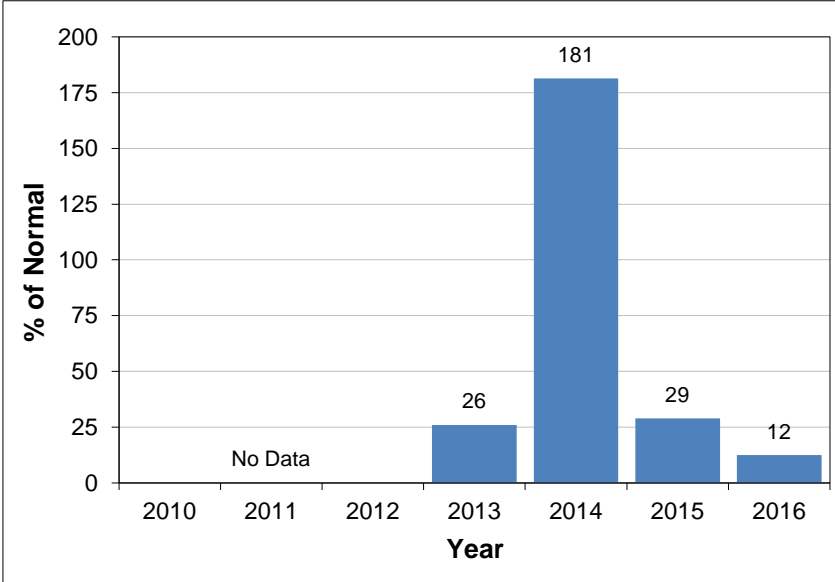


### Boundary

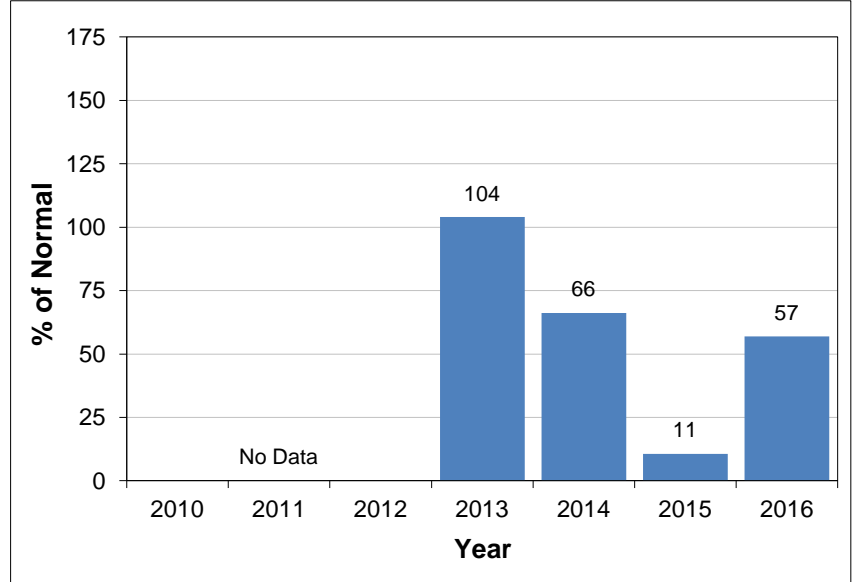


## Snow Basin Index Graphs - May 15, 2016

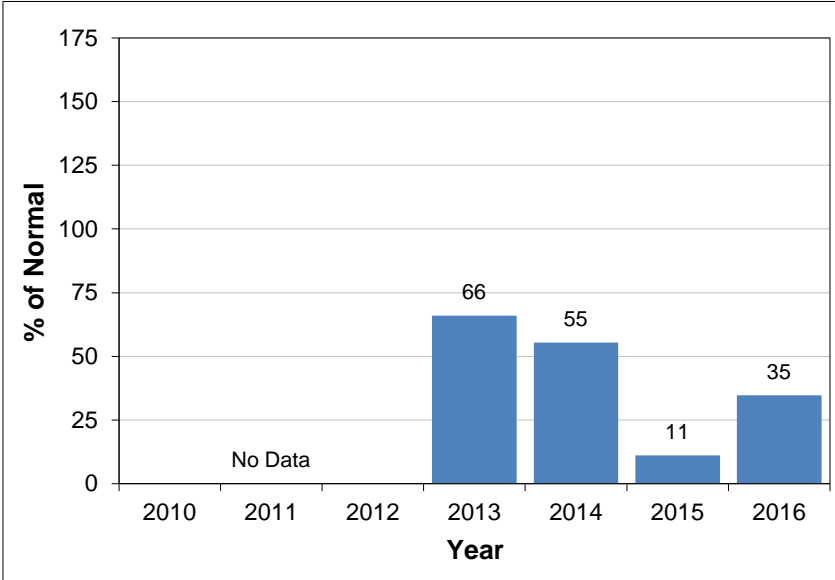
### Similkameen



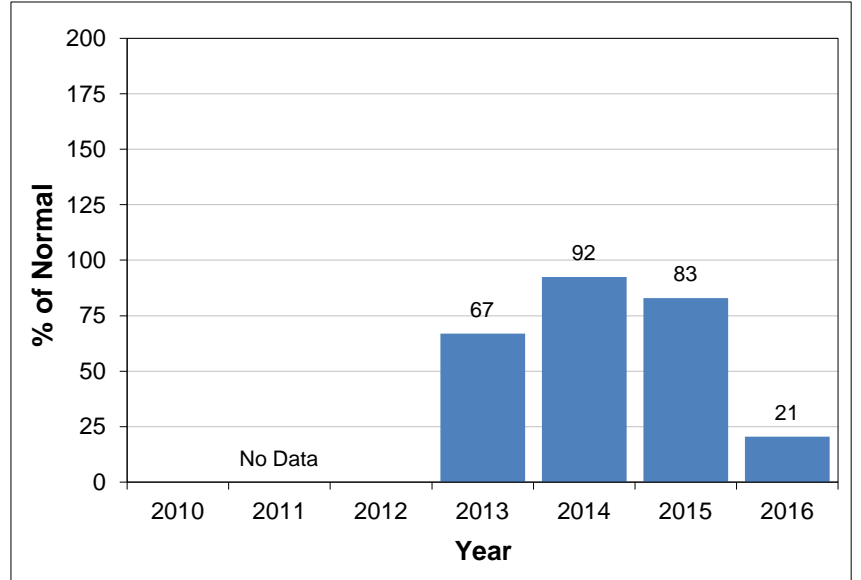
### South Coast



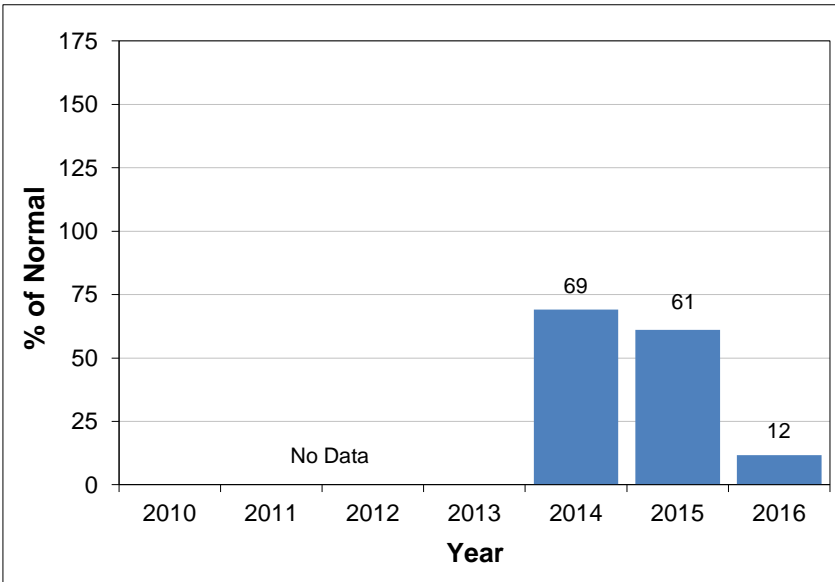
### Vancouver Island



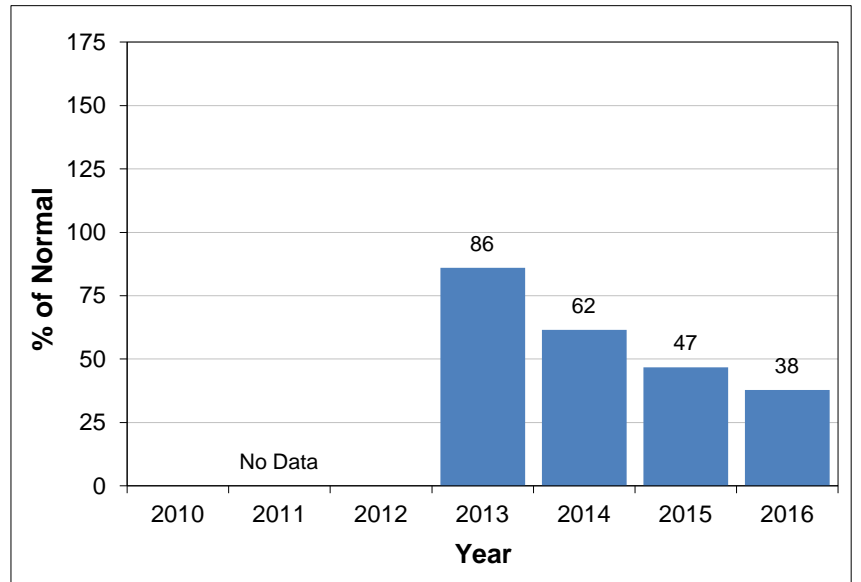
### Central Coast



### Northwest

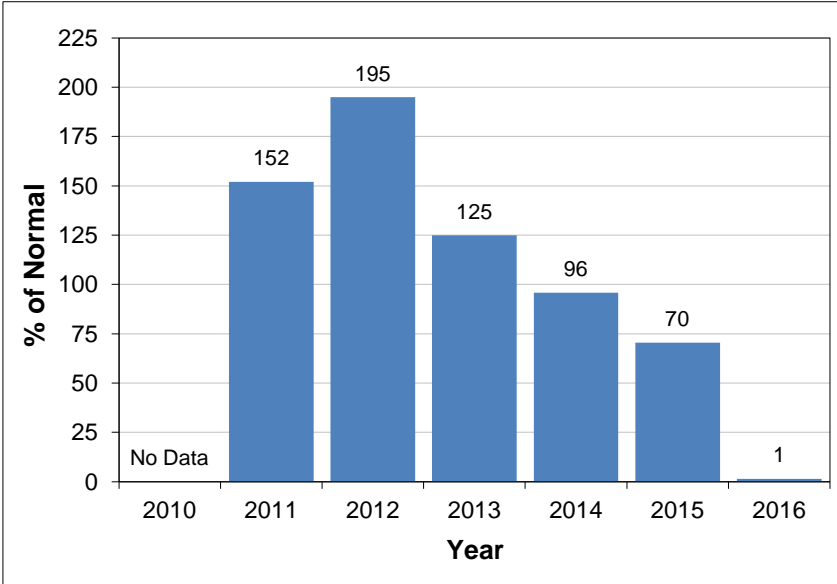


### Peace



## Snow Basin Index Graphs - May 15, 2016

### Stikine



### Skeena-Nass

