

Snow Survey and Water Supply Bulletin – June 1st, 2018

The June 1st, 2018 snow survey is now complete. Data from 22 snow courses and 73 automated snow weather stations around the province (collected by the Ministry of Environment Snow Survey Program, BC Hydro and partners), and climate data from Environment and Climate Change Canada forms the basis of the following report¹.

Weather

Weather through May was extremely hot and dry, with weather patterns being dominated by persistent high pressure. Daily average temperatures were typically 3-5 °C above normal across most of the province, with several locations in the South Interior, Coast and central BC having record or near record high monthly temperatures. Rainfall was generally limited, however one heavy rainfall event in the South Interior did contribute to flooding conditions that were observed in Grand Forks and other areas.

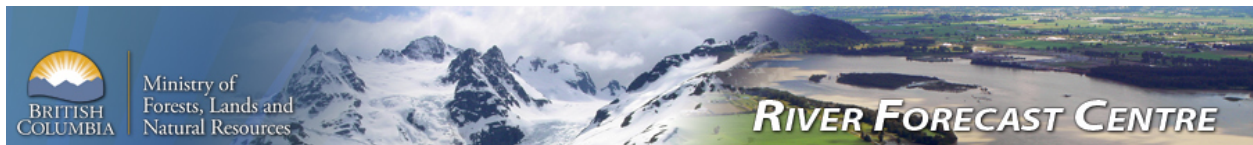
Snowpack

Dramatic snow melt occurred through May in response to the extreme temperatures, with many areas transitioning from well above normal snow pack to well below normal snow pack over the course of a few weeks. Snow basin indices have declined significantly in most areas of the province, reflecting this rapid melt. Snow packs have largely been depleted from low and mid-elevation areas. Most basins have below normal snow basin indices, and this is reflecting rapid snowmelt, with many regions experiencing snow conditions in early-June that are 2-3 weeks ahead of normal.

Table 1 - BC Snow Basin Indices – June 1st, 2018

Basin	% of Normal	Basin	% of Normal
Upper Fraser West	21	Boundary	129*
Upper Fraser East	73	Similkameen	86*
Nechako	20	South Coast	72
Middle Fraser	17	Vancouver Island	40
Lower Fraser	58	Central Coast	0*
North Thompson	61	Skagit	NO DATA
South Thompson	81	Peace	24*
Upper Columbia	71	Skeena-Nass	30
West Kootenay	66	Stikine	7*
East Kootenay	20	Liard	NO DATA
Okanagan	51	Northwest	NO DATA

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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*Note several June 1st basins indices are based on limited snow measurements within their watersheds

Outlook

Flood risk from this season's snow pack has now subsided, and river levels across the province have been receding. In many areas of the province, streamflow has transitioned from well above normal flows in April and May, towards below normal flow in early-June. This is particularly the case on Vancouver Island, coastal BC, northern BC, southern BC and central BC.

While snow melt related flood risks may be diminished, on-going risks from extreme rainfall events continue to exist. From a climatological perspective, June is a month where extreme rainfall does occur in the BC Interior, and continued vigilance around these patterns is prudent for on-going flood response through the rest of this freshet season.

With the shift to earlier melt, snow melt influence on river systems around the province is expected to wane early this year, bringing increased risk for low flows later this summer. These risks include areas which started the freshet season with above normal snow pack. Areas with increased risk for summer low flows this year include the Skeena, Peace, Liard, Upper Fraser West, Middle Fraser/Cariboo, central Coast, Vancouver Island, Okanagan, Lower Fraser and East Kootenay.

While snow plays a role in summer low flows, late-spring and summer weather is ultimately the key driver of whether low flow conditions emerge later this summer or not. Current near-term weather forecasts are indicating that the trend away from the hot and dry weather in May has shifted into cooler and wetter patterns through the middle of June. Long-range seasonal weather forecasts from Environment and Climate Change Canada are indicating an increased likelihood of warmer than normal and drier than normal conditions across the June-July-August period. With early snow melt and the increased likelihood of adverse summer weather conditions, there are increased province-wide risks this year for low flow and drought.

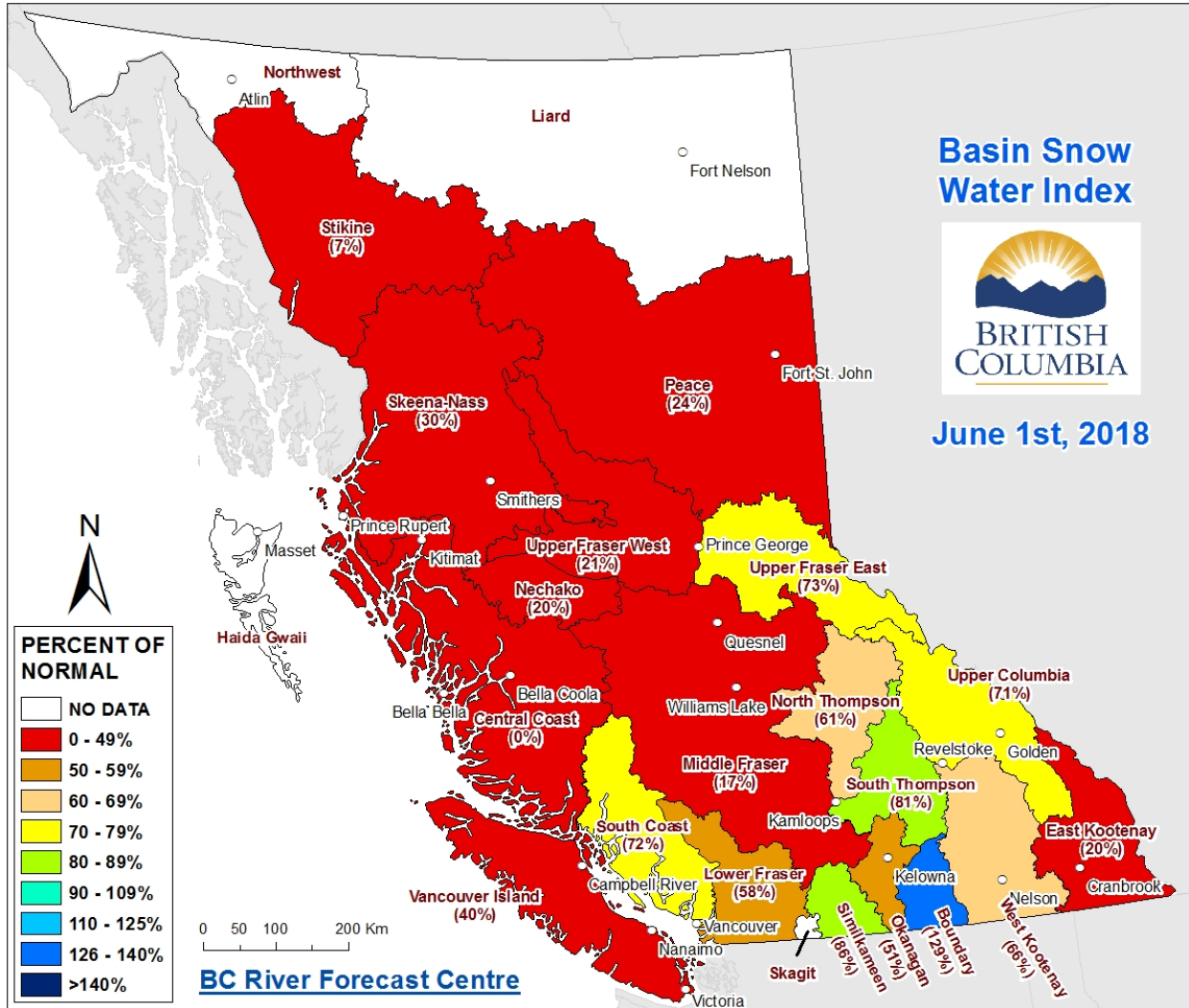
The River Forecast Centre will continue to monitor snow pack conditions and will provide an updated seasonal flood risk forecast in the June 15th 2018 bulletin, which is scheduled for release on June 21st.

BC River Forecast Centre
June 7, 2018



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Figure 1: Basin Snow Water Index – June 1st, 2018



2018 Automated Snow Weather Station/Manual Snow Survey Data				June 1					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	2017 SWE (mm)	2016 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
1A01P	Yellowhead Lake	Upper Fraser East	1847	2018-06-01	0	568		160%	416	35	0	857	20	20
1A02P	McBride Upper	Upper Fraser East	1608	2018-06-01	3	0		0%	2	0	0	412	25	25
1A03P	Barkerville	Upper Fraser East	1483	2018-06-01	1	1		2%	0	1	0	291	42	42
1A05	LONGWORTH (UPPER)	Upper Fraser East	1693	NS	NS	NS	NS				0	1194	613	54
1A05P	Longworth Upper	Upper Fraser East	1740	2018-06-01	54	149			372		372	372		1
1A06A	HANSARD	Upper Fraser East	622	NS	NS	NS	NS							0
1A10	PRINCE GEORGE A	Upper Fraser East	684	NS	NS	NS	NS				81	81	0	3
1A11	PACIFIC LAKE	Upper Fraser East	756	NS	NS	NS	NS				165	165	96	35
1A12	KAZA LAKE	Upper Fraser West	1247	NS	NS	NS	NS				132	132	0	1
1A12P	Kaza Lake	Upper Fraser West	1248	2018-06-01	1	0			0	0	0	0		2
1A14P	Hedrick Lake	Upper Fraser East	1118	2018-06-01	56	208		57%	10	0	0	1038	365	18
1A15	KNUDSEN LAKE	Upper Fraser East	1598	NS	NS	NS	NS				0	1113	652	36
1A15P	Knudsen Lake	Upper Fraser East	1601	2018-06-01	76	267			239		239	239		1
1A16	BURNS LAKE	Upper Fraser West	820	NS	NS	NS	NS				50	50	0	13
1A17P	Revolution Creek	Upper Fraser East	1676	2018-06-01	71	352		74%	339	36	0	1127	478	33
1A19P	Dome Mountain	Upper Fraser East	1768	2018-06-01	81	383		60%	438	283	255	1080	639	12
1A23	BIRD CREEK	Upper Fraser West	1196	2018-06-01	0	0	E		0	0	0	0	0	21
1B01	MOUNT WELLS	Nechako	1489	2018-06-01	13	46		21%	261	0	0	529	217	37
1B01P	Mount Wells	Nechako	1489	2018-06-01		189		82%	363	1	0	716	231	26
1B02	TAHTSA LAKE	Nechako	1319	N	N	N	N		930	309	406	1829	982	39
1B02P	Tahtsa Lake	Nechako	1319	2018-06-01		621		63%	1017	401	277	2157	992	26
1B05	SKINS LAKE	Nechako	877	2018-06-01	0	0	E		0	0	0	53	0	23
1B06	MOUNT SWANNELL	Nechako	1596	2018-06-01	0	0	E	0%	0	0	0	350	110	28
1B07	NUTLI LAKE	Nechako	1502	2018-06-01	0	0	E	0%	88	0	0	618	241	25
1B08P	Mount Pondosy	Nechako	1413	2018-06-01		95		30%	439	1	0	951	320	26
1C01	BROOKMERE	Middle Fraser	994	NS	NS	NS	NS						0	6
1C05	MCGILLIVRAY PASS	Middle Fraser	1715	NS	NS	NS	NS				239	239	264	23
1C05P	McGillivray Pass	Middle Fraser	1766	2018-06-01		0								
1C06	PAVILION	Middle Fraser	1209	NS	NS	NS	NS						0	
1C08	NAZKO	Middle Fraser	1029	NS	NS	NS	NS				31	31	0	1
1C09A	HIGHLAND VALLEY	Middle Fraser	1547	NS	NS	NS	NS						0	9
1C12P	Green Mountain	Middle Fraser	1766	2018-06-01		13		2%	334	235	140	1186	537	24
1C13A	HORSEFLY MOUNTAIN	Middle Fraser	1612	NS	NS	NS	NS						0	2
1C14	BRALORNE	Middle Fraser	1382	NS	NS	NS	NS				77	77	0	1
1C14P	Bralorne	Middle Fraser	1382	2018-06-01	0	0								
1C17	MOUNT TIMOTHY	Middle Fraser	1632	2018-05-31	0	0		0%	34	0	0	332	52	51
1C18P	Mission Ridge	Middle Fraser	1903	2018-06-01		0		0%	172	0	0	709	98	48

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1C19	GNAWED MOUNTAIN	Middle Fraser	1617	NS	NS	NS	NS						0	3
1C20P	Boss Mountain Mine	Middle Fraser	1477	2018-06-01	0	0		0%	64	1	0	401	126	24
1C21	BIG CREEK	Middle Fraser	1130	NS	NS	NS	NS				42	42	0	1
1C22	PUNTZI MOUNTAIN	Middle Fraser	939	NS	NS	NS	NS				22	22	0	3
1C23	PENFOLD CREEK	Middle Fraser	1687	NS	NS	NS	NS				353	1354	841	45
1C25	LAC LE JEUNE (UPPER)	Middle Fraser	1471	NS	NS	NS	NS				119	119	0	1
1C28	DUFFEY LAKE	Middle Fraser	1253	NS	NS	NS	NS						0	
1C29	SHOVELNOSE MOUNTAIN	Middle Fraser	1456	NS	NS	NS	NS						0	
1C32	DEADMAN RIVER	Middle Fraser	1463	NS	NS	NS	NS						0	
1C33A	GRANITE MOUNTAIN	Middle Fraser	1175	NS	NS	NS	NS				116	116	0	1
1C37	BRALORNE(UPPER)	Middle Fraser	1980	NS	NS	NS	NS				290	290	0	1
1C38	DOWNTON LAKE (UPPER)	Middle Fraser	1884	NS	NS	NS	NS						0	
1C38P	Downton Lake Upper	Middle Fraser	1829	2018-06-01		279			656	603	603	656		2
1C39	BRIDGE GLACIER (LOWER)	Middle Fraser	1393	NS	NS	NS	NS				300	300	0	1
1C40	TYAUGHTON	Middle Fraser	1946	NS	NS	NS	NS				198	198	0	1
1C40P	North Tyaughton	Middle Fraser	1969	2018-06-01		11			0	0	0	0		2
1C41P	Yanks Peak East	Middle Fraser	1683	2018-06-01	55	308		65%	432	122	128	979	475	21
1C42	CAVERHILL LAKE	Middle Fraser	1400	NS	NS	NS	NS							
1D06P	Tenquille Lake	Lower Fraser	1669	2018-06-01	109	496		69%	972	399	204	1414	719	17
1D08	STAVE LAKE	Lower Fraser	1211	NS	NS	NS	NS				584	584	1872	7
1D09	WAHLEACH LAKE	Lower Fraser	1395	NS	NS	NS	NS				224	224	266	12
1D09P	Wahleach Lake Upper	Lower Fraser	1408	2018-06-01		477		66%	358	239	0	1525	720	26
1D10	NAHATLATCH RIVER	Lower Fraser	1530	NS	NS	NS	NS				634	634	1497	11
1D16	DICKSON LAKE	Lower Fraser	1147	NS	NS	NS	NS				466	466	0	1
1D17P	Chilliwack River	Lower Fraser	1621	2018-06-01	182	1106		102%	1327	563	0	2186	1082	26
1D19P	Spuzzum Creek	Lower Fraser	1197	2018-06-01	124	818		66%	1366	328	0	2650	1248	19
1E01B	BLUE RIVER	North Thompson	673	NS	NS	NS	NS				160	160	0	6
1E02P	Mount Cook	North Thompson	1574	2018-06-01	157	924		86%	1103	1031	593	1579	1071	18
1E03A	TROPHY MOUNTAIN	North Thompson	1907	NS	NS	NS	NS						0	2
1E05	KNOUFF LAKE	North Thompson	1189	NS	NS	NS	NS						0	
1E07	ADAMS RIVER	North Thompson	1769	2018-06-04	59	293		54%	615	370	0	1155	540	45
1E08P	Azure River	North Thompson	1625	2018-06-01	69	377		42%	1083	430	473	1729	902	21
1E10P	Kostal Lake	North Thompson	1760	2018-06-01	36	418		61%	795	427	155	1386	683	33
1E14P	Cook Creek	North Thompson	1280	2018-06-01	0	684			65	0	0	8	1	11
1F01A	ABERDEEN LAKE	South Thompson	1262	NS	NS	NS	NS				85	85	0	2
1F02	ANGLEMONT	South Thompson	1168	NS	NS	NS	NS						8	12
1F03P	Park Mountain	South Thompson	1857	2018-06-01	92	622		84%	870	573	0	1269	740	33

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1F04P	Enderby	South Thompson	1950	2018-06-01	158	807			1045		1045	1045		1
1F06P	Celista Mountain	South Thompson	1533	2018-06-01	56	265		54%	681	267	53	894	495	13
2A01A	CANOE RIVER	Upper Columbia	866		NS	NS	NS						0	1
2A02	GLACIER	Upper Columbia	1249		NS	NS	NS				362	362	263	47
2A03A	FIELD	Upper Columbia	1310		NS	NS	NS						0	3
2A06P	Mount Revelstoke	Upper Columbia	1770	2018-06-01		843		82%	1137	663	240	2063	1025	25
2A07	KICKING HORSE	Upper Columbia	1648		NS	NS	NS				160	160	66	38
2A11	BEAVERFOOT	Upper Columbia	1924		NS	NS	NS				148	148	0	2
2A14	MOUNT ABBOT	Upper Columbia	2031		NS	NS	NS				600	600	1162	35
2A16	GOLDSTREAM	Upper Columbia	1914		NS	NS	NS				584	584	0	1
2A17	FIDELITY MOUNTAIN	Upper Columbia	1852		NS	NS	NS				590	590	1121	36
2A18	KEYSTONE CREEK	Upper Columbia	1839		NS	NS	NS				414	414	0	1
2A18P	Keystone Creek	Upper Columbia	1850	2018-06-01		481			910	432	432	910		2
2A19	VERMONT CREEK	Upper Columbia	1533		NS	NS	NS				286	286	0	2
2A21P	Molson Creek	Upper Columbia	1930	2018-06-01		506		60%	873	525	82	1462	849	37
2A22	SUNBEAM LAKE	Upper Columbia	2066		NS	NS	NS				469	469	0	1
2A23	BUSH RIVER	Upper Columbia	1982		NS	NS	NS				483	483	0	1
2A25	KIRBYVILLE LAKE	Upper Columbia	1739		NS	NS	NS				671	671	969	2
2A27	DOWNIE SLIDE (LOWER)	Upper Columbia	964		NS	NS	NS				338	338	99	9
2A29	DOWNIE SLIDE (UPPER)	Upper Columbia	1628		NS	NS	NS				335	335	1130	8
2A30P	Colpitti Creek	Upper Columbia	2131	2018-06-01		505			700	218	218	700		2
2A31P	Caribou Creek Upper	Upper Columbia	2201	2018-06-01		596			825	440	440	825		2
2A32P	Wildcat Creek	Upper Columbia	2122	2018-06-01		322			545	172	172	545		2
2B02A	FARRON	Lower Columbia	1229		NS	NS	NS				157	157	3	19
2B05	WHATSHAN (UPPER)	Lower Columbia	1476		NS	NS	NS						0	10
2B06P	Barnes Creek	Lower Columbia	1595	2018-06-01		15		10%	24	3	0	627	157	25
2B07	KOCH CREEK	Lower Columbia	1813		NS	NS	NS				415	415	0	3
2B08P	St. Leon Creek	Lower Columbia	1822	2018-06-01		866		104%	1095	404	225	1560	830	25
2B09	RECORD MOUNTAIN	Lower Columbia	1906	2018-05-27	27	142		37%	525	94	0	1073	384	43
2C01	SINCLAIR PASS	East Kootenay	1374		NS	NS	NS						0	13
2C04	SULLIVAN MINE	East Kootenay	1580	2018-05-30	0	0	T	0%	0	0	0	137	6	35
2C07	FERNIE EAST	East Kootenay	1213		NS	NS	NS				98	98	4	17
2C09Q	Morrissey Ridge	East Kootenay	1966	2018-06-01		3		2%	159	0	0	874	171	38
2C10P	Moyie Mountain	East Kootenay	1840	2018-06-01	1	0		0%	0	0	0	466	30	39
2C14P	Floe Lake	East Kootenay	2110	2018-06-01		445		79%	665	192	94	979	565	25
2C15	MOUNT ASSINIBOINE	East Kootenay	2230		NS	NS	NS				270	270	0	1
2C16	MOUNT JOFFRE	East Kootenay	1763		NS	NS	NS				206	206	0	1

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2C17	THUNDER CREEK	East Kootenay	2062	NS	NS	NS	NS				190	190	0	1
2D02	FERGUSON	West Kootenay	929	NS	NS	NS	NS				320	320	65	14
2D03	SANDON	West Kootenay	1072	NS	NS	NS	NS						0	3
2D04	NELSON	West Kootenay	952	NS	NS	NS	NS				121	121	1	18
2D05	GRAY CREEK (LOWER)	West Kootenay	1558	2018-05-28	18	89		60%	194	0	0	551	148	66
2D06	CHAR CREEK	West Kootenay	1290	N	N	N	N			0	0	362	82	43
2D07A	DUNCAN LAKE NO. 2	West Kootenay	662	NS	NS	NS	NS						0	
2D08P	East Creek	West Kootenay	2004	2018-06-01		436		61%	918	378	111	1256	713	37
2D09	MOUNT TEMPLEMAN	West Kootenay	1879	NS	NS	NS	NS				520	520	0	1
2D10	GRAY CREEK (UPPER)	West Kootenay	1926	2018-05-28	76	387		82%	641	305	0	1120	470	46
2D14P	Redfish Creek	West Kootenay	2086	2018-06-01	224	1184		105%	1548	979	751	1822	1127	16
2E01	MONASHEE PASS	Kettle	1387	NS	NS	NS	NS				165	165	62	28
2E02	CARMI	Kettle	1254	NS	NS	NS	NS						0	5
2E03	BIG WHITE MOUNTAIN	Kettle	1672	2018-05-31	25	115		76%	228	0			151	51
2E07P	Grano Creek	Kettle	1874	2018-06-01	57	451	E	157%	548	56	0	750	287	20
2F01A	TROUT CREEK (West)	Okanagan	1430	NS	NS	NS	NS				93	93	0	1
2F01P	Trout Creek West	Okanagan	1420	2018-06-01	1	0								0
2F02	SUMMERLAND RESERVOIR	Okanagan	1304	NS	NS	NS	NS				172	172	0	9
2F03	MC CULLOCH	Okanagan	1266	NS	NS	NS	NS						0	
2F04	GRAYSTOKE LAKE	Okanagan	1818	2018-05-30	40	194		82%			168	168	236	14
2F05P	Mission Creek	Okanagan	1794	2018-06-01	63	259		154%	323	50	0	641	168	48
2F07	POSTILL LAKE	Okanagan	1358	NS	NS	NS	NS						0	2
2F08P	Greyback Reservoir	Okanagan	1550	2018-06-01	5	0			0		0	0		1
2F09	WHITEROCKS MOUNTAIN	Okanagan	1789	2018-06-01	0	0		0%	294	61	0	848	128	46
2F10P	Silver Star Mountain	Okanagan	1839	2018-06-01	98	459			930	271	271	930		2
2F11	ISINTOK LAKE	Okanagan	1651	NS	NS	NS	NS				108	108	1	22
2F12	MOUNT KOBAU	Okanagan	1817	2018-05-30	0	0		0%	316	0	0	488	121	52
2F13	ESPERON CR (UPPER)	Okanagan	1634	2018-06-01	0	0		0%	234	0			173	13
2F14	ESPERON CR (MIDDLE)	Okanagan	1440	2018-06-01	0	0		0%	122	0			27	13
2F18P	Brenda Mine	Okanagan	1453	2018-06-01		0		0%	0	0	0	217	3	24
2F19	OOYAMA LAKE	Okanagan	1365	NS	NS	NS	NS						391	4
2F20	VASEUX CREEK	Okanagan	1403	NS	NS	NS	NS						0	9
2F21	BOULEAU LAKE	Okanagan	1405	NS	NS	NS	NS						0	4
2F23	MACDONALD LAKE	Okanagan	1742	NS	NS	NS	NS						172	18
2F24	ISLAHT LAKE	Okanagan	1492	NS	NS	NS	NS						0	
2F25	POSTILL LAKE UPPER	Okanagan	1500	NS	NS	NS	NS							0
2G03P	Blackwall Peak	Similkameen	1934	2018-06-01	66	348		86%	414	131	0	1253	403	50

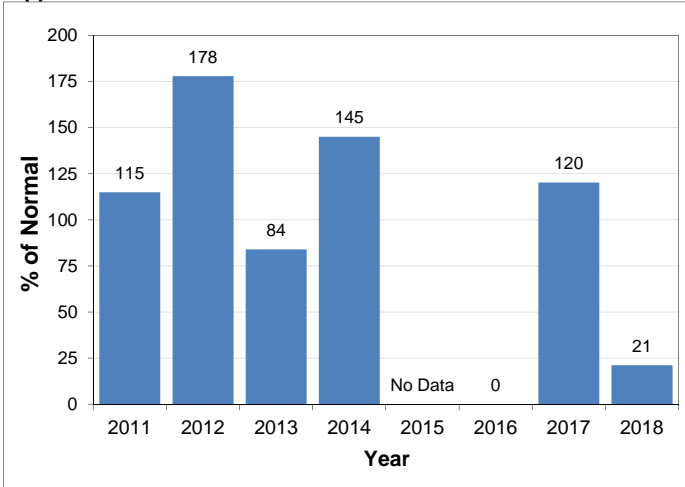
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2G04	LOST HORSE MOUNTAIN	Similkameen	1988	NS	NS	NS	NS						106	37
2G05	MISSEZULA MOUNTAIN	Similkameen	1602	NS	NS	NS	NS						0	21
2G06	HAMILTON HILL	Similkameen	1477	NS	NS	NS	NS						2	24
3A01	GROUSE MOUNTAIN	South Coast	1126	NS	NS	NS	NS				596	596	0	2
3A02	POWELL RIVER (UPPER)	South Coast	1002	NS	NS	NS	NS						0	
3A05	POWELL RIVER (LOWER)	South Coast	882	NS	NS	NS	NS						0	
3A09	PALISADE LAKE	South Coast	898	NS	NS	NS	NS						350	2
3A10	DOG MOUNTAIN	South Coast	1007	2018-05-31	130	744		104%	1331	55	0	2480	714	32
3A19	ORCHID LAKE	South Coast	1178	2018-05-30	219	1254		89%	2010	756	0	3648	1409	39
3A20	CALLAGHAN CREEK	South Coast	1009	2018-05-29	0	0		0%	240	0	0	1228	233	33
3A22P	Nostetuko River	South Coast	1457	2018-06-01	2	4		4%	3	0	0	675	102	29
3A24P	Mosley Creek Upper	South Coast	1655	2018-06-01	18	0		0%	0	0	0	236	27	29
3A25P	Squamish River Upper	South Coast	1387	2018-06-01	180	1106		93%	1277	788	0	2800	1184	28
3A26	CHAPMAN CREEK	South Coast	1022	NS	NS	NS	NS							
3A27	EDWARDS LAKE	South Coast	1070	NS	NS	NS	NS							
3B01	FORBIDDEN PLATEAU	Vancouver Island	1110	NS	NS	NS	NS				660	660	1222	30
3B02A	MOUNT COKELY	Vancouver Island	1267	NS	NS	NS	NS						0	
3B04	ELK RIVER	Vancouver Island	270	NS	NS	NS	NS				40	40	0	1
3B10	UPPER THELWOOD LAKE	Vancouver Island	1014	NS	NS	NS	NS						995	14
3B17P	Wolf River Upper	Vancouver Island	1422	2018-06-01		506		52%	796	462	33	2466	981	36
3B18	WOLF RIVER (MIDDLE)	Vancouver Island	1050	NS	NS	NS	NS				230	230	237	17
3B19	WOLF RIVER (LOWER)	Vancouver Island	615	NS	NS	NS	NS				160	160	0	17
3B23P	Jump Creek	Vancouver Island	1134	2018-06-01	44	193		28%	698	19	0	3142	694	22
3B24P	Heather Mountain Upper	Vancouver Island	1190	2018-06-01	143	963			1574	513	513	1574		2
3B26P	Mount Arrowsmith	Vancouver Island	1465	2018-06-01	117	549								0
3C07	WEDEENE RIVER SOUTH	North Coast	196	NS	NS	NS	NS						0	
3C08P	Burnt Bridge Creek	North Coast	1329	2018-06-01	0	0		0%	134	0	0	1116	304	20
3D01C	SUMALLO RIVER WEST	Skagit	801	NS	NS	NS	NS				82	82	0	1
3D02	LIGHTNING LAKE	Skagit	1254	NS	NS	NS	NS						0	2
3D03A	KLESILKWA	Skagit	1134	NS	NS	NS	NS				134	134	0	3
4A02P	Pine Pass	Peace	1386	2018-06-01	96	298		42%	528	351	183	1658	713	29
4A03	WARE (UPPER)	Peace	1563	NS	NS	NS	NS				90	90	0	1
4A03P	Ware Upper	Peace	1565	2018-06-01	0	0			0		0	0		1
4A04	WARE (LOWER)	Peace	969	NS	NS	NS	NS				89	89	0	1
4A04P	Ware Lower	Peace	971	2018-06-01	2	0			0		0	0		1
4A05	GERMANSEN (UPPER)	Peace	1489	NS	NS	NS	NS				156	156	0	2
4A06	TUTIZZI LAKE	Peace	1043	NS	NS	NS	NS				106	106	0	1

2018 Automated Snow Weather Station/Manual Snow Survey Data				June 1					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	2017 SWE (mm)	2016 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
4A07	LADY LAURIER LAKE	Peace	1460	NS	NS	NS	NS			49	194	194	0	1
4A09	PULPIT LAKE	Peace	1331	NS	NS	NS	NS				152	152	0	1
4A09P	Pulpit Lake	Peace	1331	2018-06-01	1	3		7%	3	0	0	225	43	28
4A10	FREDRICKSON LAKE	Peace	1323	NS	NS	NS	NS				93	93	0	1
4A11	TRYGVE LAKE	Peace	1409	NS	NS	NS	NS				119	119	0	1
4A12	TSAYDAYCHI LAKE	Peace	1173	NS	NS	NS	NS				166	166	0	1
4A13	PHILIP LAKE	Peace	1013	NS	NS	NS	NS				137	137	0	1
4A16	MORFEE MOUNTAIN	Peace	1427	NS	NS	NS	NS		0		265	265	249	15
4A18	MOUNT SHEBA	Peace	1480	NS	NS	NS	NS				369	369	663	12
4A20	MONKMAN CREEK	Peace	1566	NS	NS	NS	NS		32		190	190	491	12
4A21	MOUNT STEARNS	Peace	1514	NS	NS	NS	NS		7		41	41	0	1
4A25	FORT ST. JOHN A	Peace	692	NS	NS	NS	NS				34	34	0	2
4A27P	Kwadacha North	Peace	1554	2018-06-01	1	0			0		0	0		1
4A30P	Aiken Lake	Peace	1061	2018-06-01	0	0		0%	3	0	0	90	5	33
4A31P	Crying Girl Prairie	Peace	1358	2018-06-01		0			0	0	0	0		2
4A33P	Muskwa-Kechika	Peace	1196	2018-06-01		0			0	0	0	0		2
4A34P	Dowling Creek	Peace	1456	2018-06-01		0			0		0	0		1
4B01	KIDPRICE LAKE	Skeena-Nass	1415	2018-06-01	25	114		18%	672	24	0	1359	630	40
4B02	JOHANSON LAKE	Skeena-Nass	1480	NS	NS	NS	NS				108	108	0	1
4B03A	HUDSON BAY MTN.	Skeena-Nass	1452	2018-06-01	23	106		41%	76	0	0	729	259	46
4B04	CHAPMAN LAKE	Skeena-Nass	1485	NS	NS	NS	NS						455	8
4B06	TACHEK CREEK	Skeena-Nass	1133	NS	NS	NS	NS						0	
4B07	MCKENDRICK CREEK	Skeena-Nass	1048	NS	NS	NS	NS						22	16
4B08	MOUNT CRONIN	Skeena-Nass	1491	NS	NS	NS	NS						646	11
4B10	NINGUNSAW PASS	Nass	647	NS	NS	NS	NS						0	5
4B11A	BEAR PASS	Nass	437	NS	NS	NS	NS						33	6
4B12P	Granduc Mine	Skeena-Nass	790	2018-06-01	122				381		381	381		1
4B13A	TERRACE A	Skeena-Nass	219	NS	NS	NS	NS				68	68	0	1
4B14	EQUITY MINE	Skeena-Nass	1434	NS	NS	NS	NS						81	14
4B15	LU LAKE	Skeena-Nass	1296	NS	NS	NS	NS						28	14
4B15P	Lu Lake	Skeena-Nass	1308	2018-06-01	0	0		0%	1	0	0	180	24	20
4B16P	Shedin Creek	Skeena-Nass	1320	2018-06-01	27	180		26%	244	4	98	1261	703	22
4B17P	Tsai Creek	Skeena-Nass	1360	2018-06-01	107	631		61%	773	289	302	2103	1028	20
4B18P	Cedar-Kiteen	Skeena-Nass	912	2018-06-01	5	2		1%	1	7	0	640	166	17
4C01	SIKANNI LAKE	Liard	1390	NS	NS	NS	NS			0	78	78	0	1
4C01P	Sikanni Lake	Liard	1400	2018-06-01	0	7			3		3	3		1
4C02	SUMMIT LAKE	Liard	1291	NS	NS	NS	NS						0	

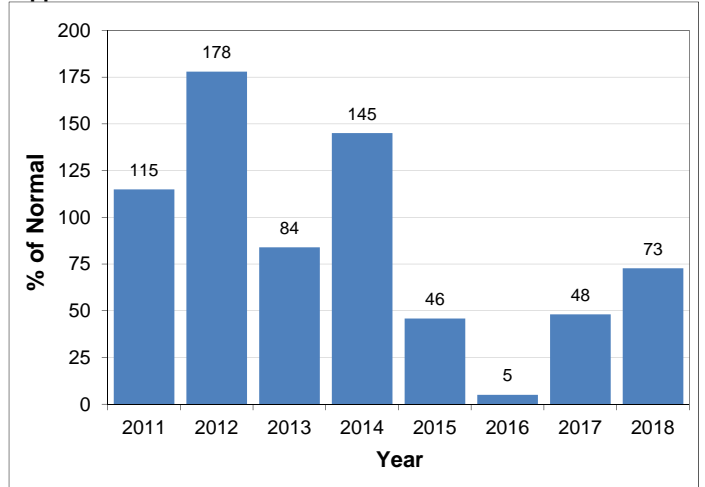
2018 Automated Snow Weather Station/Manual Snow Survey Data				June 1					Historic Snow Water Equivalent (mm)					
Station ID	Name	Basin	Elevation (masl)	Survey Date YYYY-MM-DD	SD (cm)	SWE (mm)	Code	SWE % 1981-2010 Normal	2017 SWE (mm)	2016 SWE (mm)	Minimum (mm)	Maximum (mm)	1981-2010 Normal (mm)	Years of Record
4C03	DEASE LAKE	Liard	805	NS	NS	NS	NS						0	11
4C05	FORT NELSON AIRPORT	Liard	368	NS	NS	NS	NS				38	38	0	1
4C15	JADE CITY	Liard	943	NS	NS	NS	NS						0	2
4D01	TELEGRAPH CREEK	Stikine	490	NS	NS	NS	NS						0	2
4D02	ISKUT	Stikine	931	NS	NS	NS	NS						0	5
4D11P	Kinaskan Lake	Stikine	1020	2018-06-01	0	0		0%	0	0	0	94	28	22
4E02B	ATLIN LAKE	Yukon	730	NS	NS	NS	NS							
Code	Description													
A	Sampling problems were encountered													
B	Early or late sampling													
C	Early or late sampling w/problems encountered													
E	Estimate													
N	Scheduled, but not sampled													
NA	Not available													
NS	Not scheduled													
SD	Snow Depth													
SWE	Snow Water Equivalent													
T	Trace Amount													

Snow Basin Index Graphs - June 1, 2018

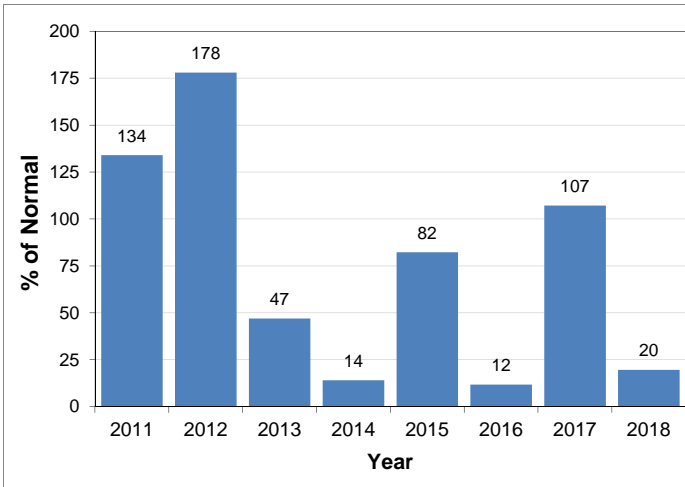
Upper Fraser West



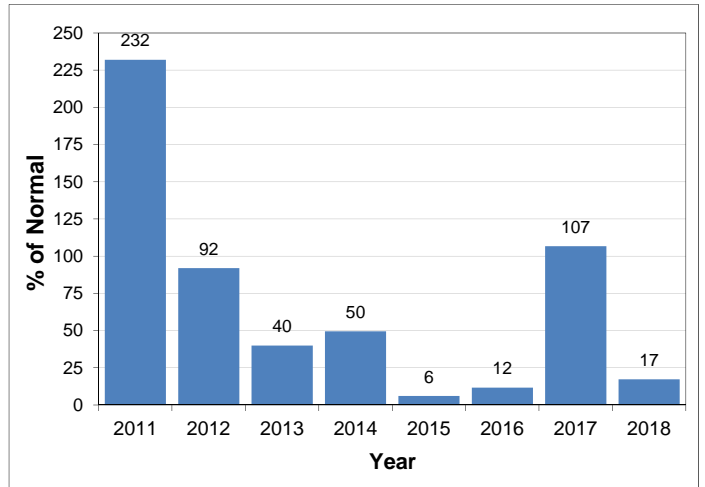
Upper Fraser East



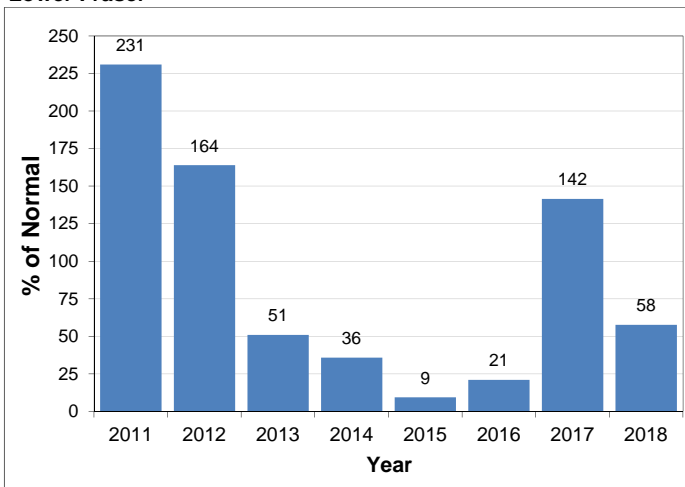
Nechako



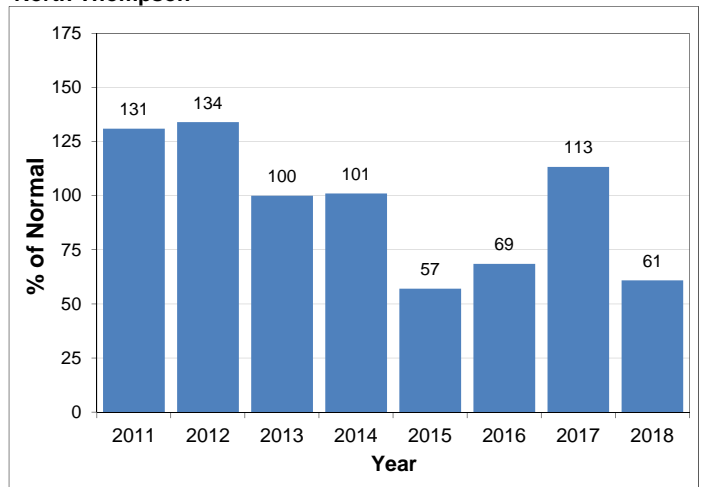
Middle Fraser



Lower Fraser

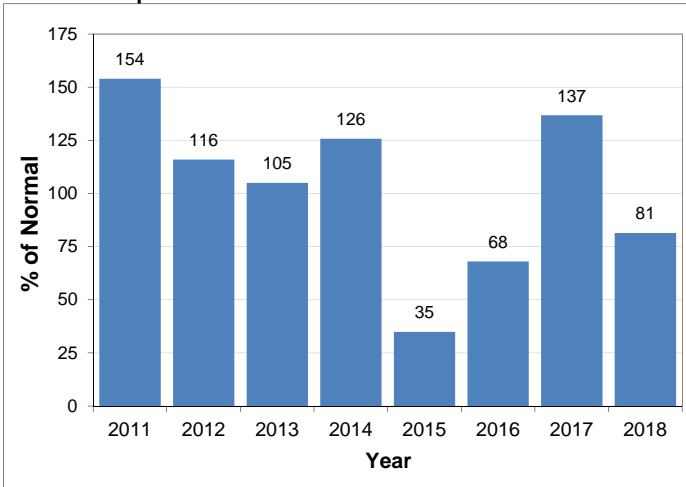


North Thompson

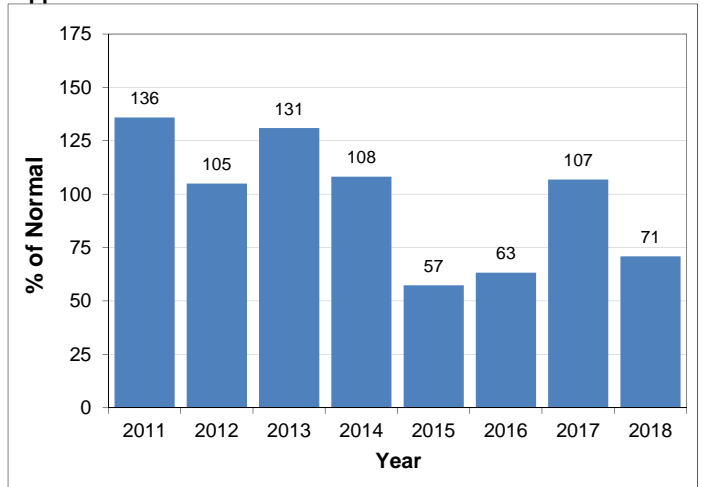


Snow Basin Index Graphs - June 1, 2018

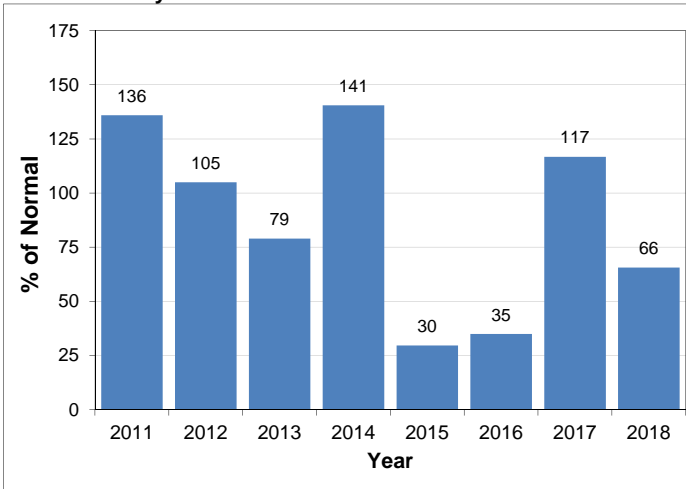
South Thompson



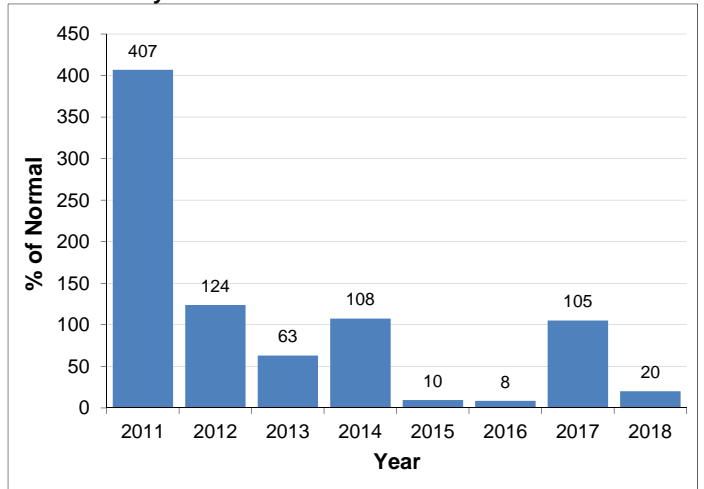
Upper Columbia



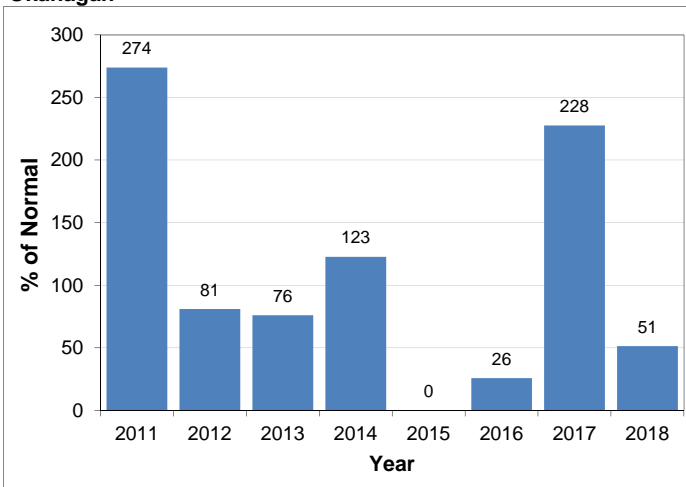
West Kootenay



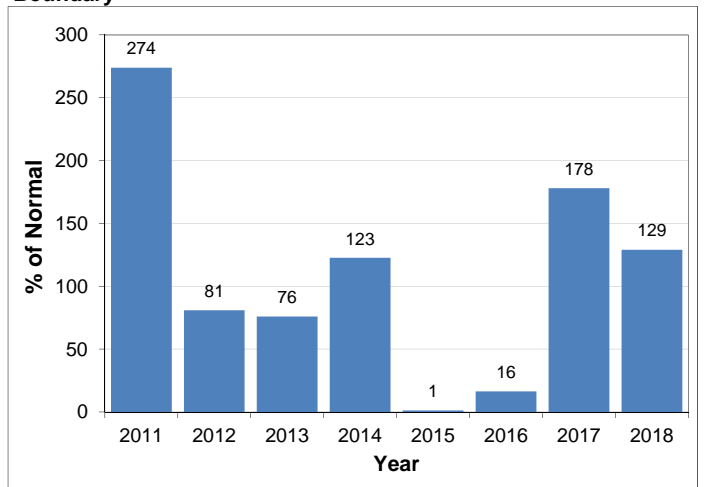
East Kootenay



Okanagan

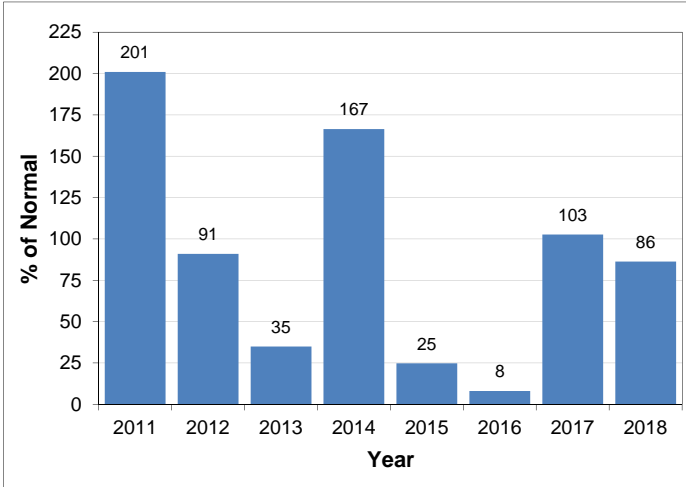


Boundary

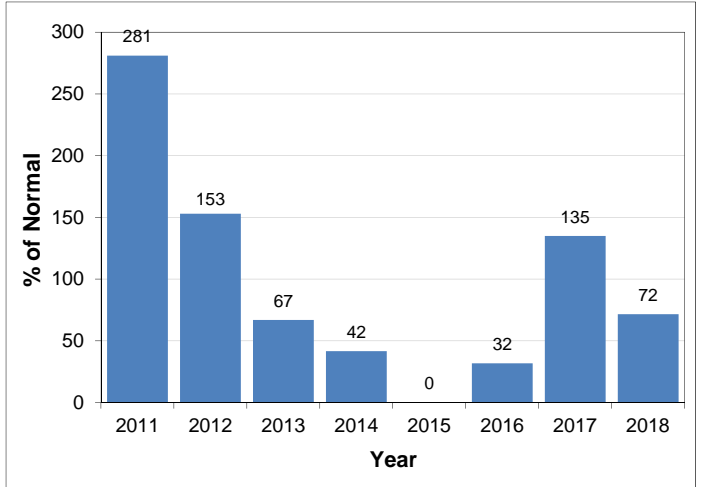


Snow Basin Index Graphs - June 1, 2018

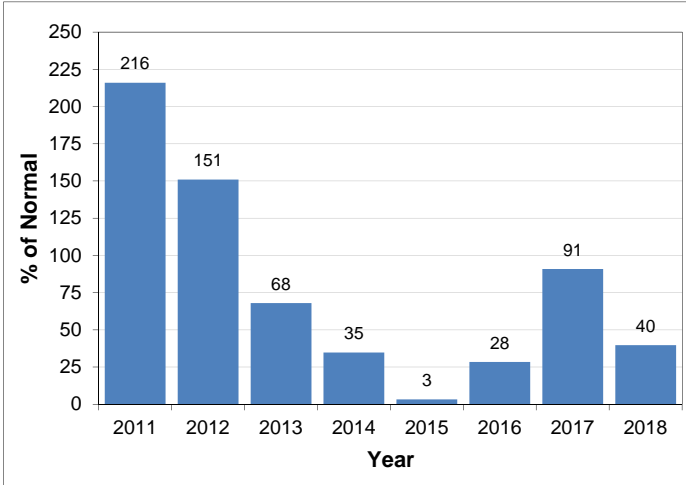
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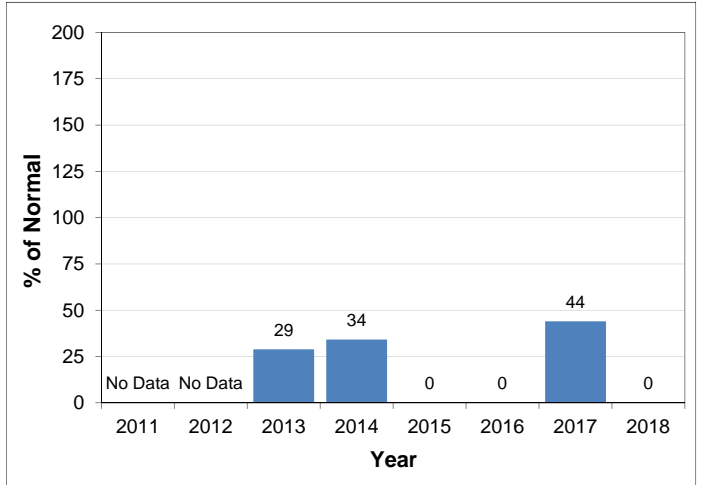
South Coast



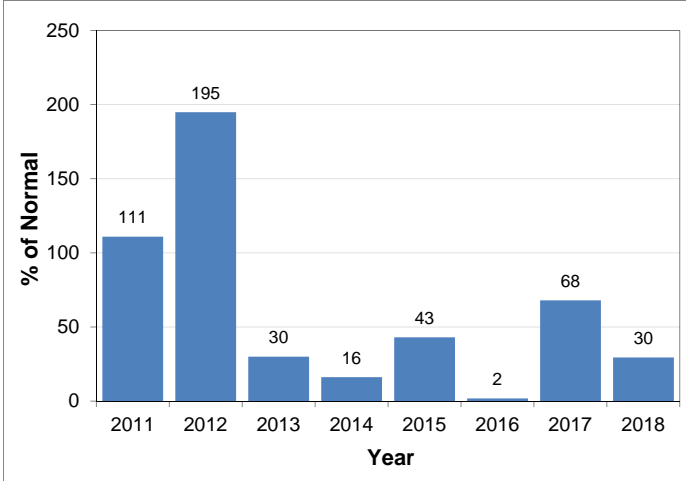
Vancouver Island



Central Coast



Skeena-Nass



Peace

