



## Snow Survey and Water Supply Bulletin – January 1<sup>st</sup>, 2018

The January 1<sup>st</sup> snow survey is now complete. Data from 76 snow courses and 64 automated snow weather stations around the province, collected by the Ministry of Environment Snow Survey Program and partners, and climate data from Environment and Climate Change Canada have been used to form the basis of the following report<sup>1</sup>.

### Weather

Fall and early-winter weather had been variable across the province. October featured near-normal (-0.5 to 0.5 °C) temperatures across most of the province, with areas of warmer temperatures in north-east BC. Wet conditions were prevalent in northern, central and eastern BC. During October an extreme rainfall event occurred on Vancouver Island, Central Coast and North Coast and led to flooding in some areas.

November was wet across most of the province, particularly in south-west and north-east BC. A series of atmospheric river events impacted south-west BC with heavy rain. Temperatures were generally near normal for southern BC, with warmer minimum temperatures in south-east BC. In northern BC temperatures were colder than normal, with most areas experiencing monthly average temperatures that were 2-5 °C below normal.

Weather patterns flipped in December, ushering in the dominance of Arctic air across British Columbia. Temperature departures were variable across the province, with most areas experiencing slightly below normal temperatures. High pressure throughout the month deflected major weather systems away from the province, and led to drier than normal conditions. Weather transitioned into more westerly flow with increasing precipitation towards the end of the month.

### Snowpack

Snow basin indices for January 1<sup>st</sup> 2018 range from a low of 52% of normal in the Stikine to a high of 141% in the Similkameen (Table 1 and Figure 1). Generally the province has near-normal snow pack for January 1<sup>st</sup>, with the average of all snow measurements across the province at 96%. Well below-normal snowpack (<65%) is present in the Stikine. Above normal snow pack is present in the Okanagan and Similkameen. Near-normal snowpacks (80-110%) are present throughout the rest of the province.

Two key weather factors have been driving the seasonal snowpack development so far this year. First, cool and wet weather in November led to rapid development of the early-season snow pack. By late-November snow pack at ASWS was 120-125% of average across the province. The second key factor was the dominance of dry, Arctic air through December. While temperatures were low, precipitation was limited, and there was very limited accumulation of snow throughout the majority of the month. Towards the end of December westerly flow patterns brought back snow accumulation, including low elevation snow in southern BC.

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**Table 1 - BC Snow Basin Indices – January 1, 2018**

Basin	% of Normal	Basin	% of Normal
Upper Fraser West	94	Boundary	97
Upper Fraser East	109	Similkameen	141
Nechako	98	South Coast	106
Middle Fraser	86	Vancouver Island	96
Lower Fraser	99	Central Coast	79
North Thompson	83	Skagit	63
South Thompson	90	Peace	82
Upper Columbia	91	Skeena-Nass	93
West Kootenay	92	Stikine	52
East Kootenay	106	Liard	97
Okanagan	123	Northwest	NO DATA

\*Note January 1<sup>st</sup> snow basin index values are based on limited observation points

January's snow survey schedule features fewer individual snow survey measurements than occur in later survey periods in the year. Some January 1<sup>st</sup> snow basin indices are therefore based on a very limited number of surveys (e.g. 1-2 surveys within the snow basin) (Table 1) making the data interpretation less robust compared to survey periods later in the season. This is particularly relevant for assessing the low snow pack in the Stikine, and high snow pack in the Similkameen, where each basin index is only based on two surveys. All available January 1<sup>st</sup> snow measurements are provided at the end of this report.

### Outlook

La Niña conditions are present in the equatorial Pacific Ocean. The Climate Prediction Centre (CPC) at the U.S. National Weather Service/NOAA has issued a La Nina Advisory and is forecasting a high likelihood of La Niña persisting through this winter. Typically, La Niña is linked to cooler winters across British Columbia. Snowpacks tend to be higher than normal; however, there has been a large range of variability in snowpack in BC during La Niña winters in the past.

Seasonal forecasts (January to March) from Environment and Climate Change Canada are indicating an increased likelihood of normal temperatures across western British Columbia and below normal temperatures in south-east BC. Short-to-medium term forecasts are suggesting warmer temperatures through January. A period of wetter weather is forecast for the province through the middle of the month, and will likely lead to increased snow accumulation over higher terrain.

By early January, nearly half of the annual BC snowpack has typically accumulated. At this early stage in the season snow accumulation is looking typical across the province. While high snow pack in the south-central part of the province (Okanagan and Similkameen) and



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low snow pack in the Stikine may be early indicators of flood and drought risk in those regions, it is still early in the snow season; with three or more months left for snow accumulation, these outlooks could change significantly. In recent La Niña winters, for example, increased snow packs have generally emerged later in the snow season (i.e April and May) despite modest January 1<sup>st</sup> snow basin indices.

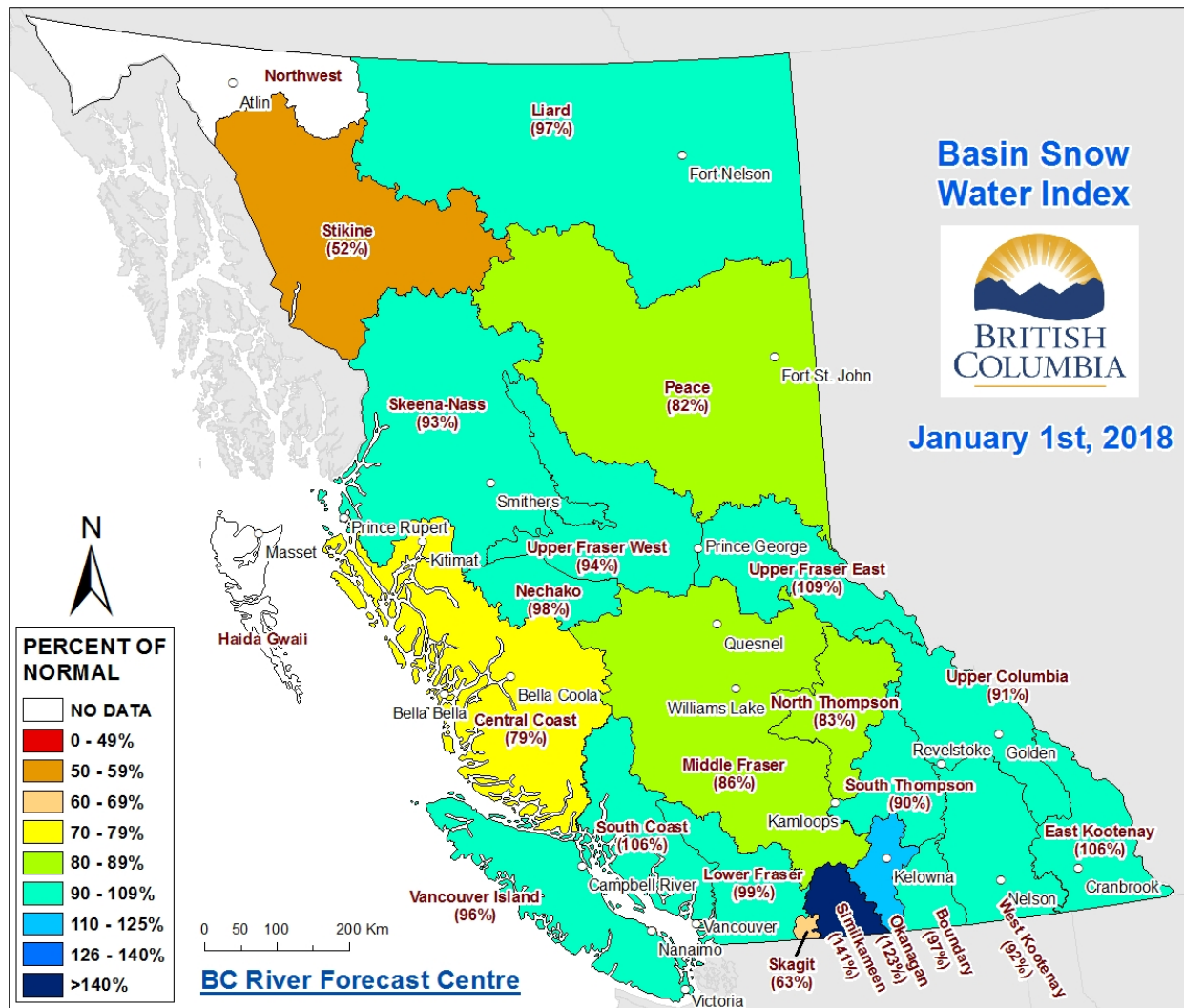
The River Forecast Centre will continue to monitor snow pack conditions and will provide an updated seasonal flood risk forecast in the February 1<sup>st</sup> 2018 bulletin, which is scheduled for release on February 7<sup>th</sup>.

BC River Forecast Centre  
January 8, 2018



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Figure 1: Basin Snow Water Index – January 1<sup>st</sup>, 2018



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2018 Automated Snow Weather Station/Manual Snow Survey Data				January					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	2017-01-01	109	350		118%	204	254	184	428	296	21
1A02P	McBride Upper	Upper Fraser East	1608	2017-01-01	75	228		115%	142	198	121	387	198	26
1A03P	Barkerville	Upper Fraser East	1483	2017-01-01	55	121		79%	114	123	21	312	154	43
1A05	LONGWORTH (UPPER)	Upper Fraser East	1693		N	N	N		202	296	114	422	411	22
1A05P	Longworth Upper	Upper Fraser East	1740	2017-01-01	121	347			192		192	192		1
1A06A	HANSARD	Upper Fraser East	622		NS	NS	NS							0
1A10	PRINCE GEORGE A	Upper Fraser East	684	2018-01-02	25	45		76%	31	81	0	156	59	49
1A11	PACIFIC LAKE	Upper Fraser East	756	2018-01-05	108	358		118%	186	165	56	577	303	30
1A12	KAZA LAKE	Upper Fraser West	1247		N	N	N		96	132	92	371	182	35
1A12P	Kaza Lake	Upper Fraser West	1248	2017-01-01	72	174			116	136	116	136		2
1A14P	Hedrick Lake	Upper Fraser East	1118	2017-01-01	112	330		95%	234	214	143	641	348	18
1A15	KNUDSEN LAKE	Upper Fraser East	1598		N	N	N		261		125	821	427	24
1A15P	Knudsen Lake	Upper Fraser East	1601	2017-01-01	157	363			311		311	311		1
1A16	BURNS LAKE	Upper Fraser West	820	2018-01-03	35	74		104%	46	50	10	192	71	37
1A17P	Revolution Creek	Upper Fraser East	1676	2017-01-01	129	373		99%	203	326	184	814	377	33
1A19P	Dome Mountain	Upper Fraser East	1768	2017-01-01	88	248		67%	215	298	171	581	372	12
1A23	BIRD CREEK	Upper Fraser West	1196		NS	NS	NS				72	174	174	4
1B01	MOUNT WELLS	Nechako	1489		NS	NS	NS				220	465	465	4
1B01P	Mount Wells	Nechako	1489	2017-01-01	84	290		92%	330	227	131	516	316	26
1B02	TAHTSA LAKE	Nechako	1319		NS	NS	NS				444	1084	1084	4
1B02P	Tahtsa Lake	Nechako	1319	2017-01-01	102	617		89%	704	464	369	1168	693	26
1B05	SKINS LAKE	Nechako	877	2018-01-02	36	72		133%	48	53	0	127	54	27
1B06	MOUNT SWANNELL	Nechako	1596		NS	NS	NS				134	247	247	4
1B07	NUTLI LAKE	Nechako	1502		NS	NS	NS				173	527	527	4
1B08P	Mount Pondosy	Nechako	1413	2017-01-01	194	340		76%	293	363	204	670	448	26
1C01	BROOKMERE	Middle Fraser	994		NS	NS	NS				22	170	97	12
1C05	MCGILLIVRAY PASS	Middle Fraser	1715	2018-01-04	99	257		94%	250	239	140	458	274	20
1C06	PAVILION	Middle Fraser	1209		NS	NS	NS				0	80	32	9
1C08	NAZKO	Middle Fraser	1029		NS	NS	NS			31	0	92	41	27
1C09A	HIGHLAND VALLEY	Middle Fraser	1547		NS	NS	NS				12	104	51	12
1C12P	Green Mountain	Middle Fraser	1766	2017-01-01	194	392		84%	336	429	268	780	469	24
1C13A	HORSEFLY MOUNTAIN	Middle Fraser	1612		NS	NS	NS							0
1C14	BRALORNE	Middle Fraser	1382	2018-01-04	42	90		111%	70	77	0	158	81	19
1C17	MOUNT TIMOTHY	Middle Fraser	1632		N	N	N		90	161	38	350	160	18
1C18P	Mission Ridge	Middle Fraser	1903	2017-01-01	191	280		107%	259	237	148	659	261	48
1C19	GNAWED MOUNTAIN	Middle Fraser	1617		NS	NS	NS				24	93	53	6
1C20P	Boss Mountain Mine	Middle Fraser	1477	2017-01-01	175	169		52%	225	255	191	495	322	24

1C21	BIG CREEK	Middle Fraser	1130		NS	NS	NS	NS			42	10	68	32	27
1C22	PUNTZI MOUNTAIN	Middle Fraser	939	2017-12-31	22	36			100%	26	22	0	106	36	38
1C23	PENFOLD CREEK	Middle Fraser	1687		NS	NS	NS	NS			525	525	525	0	1
1C25	LAC LE JEUNE (UPPER)	Middle Fraser	1471	2017-12-29	46	84			122%	80	119	10	146	69	40
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				30	141	65	7
1C33A	GRANITE MOUNTAIN	Middle Fraser	1175	2017-12-27	32	62			67%	60	116	46	124	93	10
1C37	BRALORNE(UPPER)	Middle Fraser	1980	2018-01-04	113	338			109%	328	290	116	504	309	19
1C38	DOWNTON LAKE (UPPER)	Middle Fraser	1884	2018-01-04	128	396			81%	434		272	690	489	19
1C38P	Downton Lake Upper	Middle Fraser	1829	2017-01-01	535	390				419	451	419	451		2
1C39	BRIDGE GLACIER (LOWER)	Middle Fraser	1393	2018-01-04	108	306			103%	276	300	74	466	298	19
1C40	TYAUGHTON	Middle Fraser	1946	2018-01-04	92	264			108%	206	198	92	418	244	18
1C40P	North Tyauhton	Middle Fraser	1969	2017-01-01	81	239				184	174	174	184		2
1C41P	Yanks Peak East	Middle Fraser	1683	2017-01-01	94	319			80%	304	365	207	510	397	21
1C42	CAVERHILL LAKE	Middle Fraser	1400		NS	NS	NS	NS							
1D06P	Tenquille Lake	Lower Fraser	1669	2017-01-01	101	503			104%	532	526	285	817	485	17
1D08	STAVE LAKE	Lower Fraser	1211	2017-12-26	168	602			104%	646	584	112	976	578	21
1D09	WAHLEACH LAKE	Lower Fraser	1395		N	N	N	N		250	224	46	417	240	23
1D09P	Wahleach Lake Upper	Lower Fraser	1408	2017-01-01	171	648			147%	308	290	214	650	442	26
1D10	NAHATLATCH RIVER	Lower Fraser	1530	2017-12-26	142	504			86%	438	634	219	975	585	22
1D16	DICKSON LAKE	Lower Fraser	1147	2017-12-26	174	604			98%	806	466	274	1196	616	19
1D17P	Chilliwack River	Lower Fraser	1621	2017-01-01	135	662			101%	620	809	353	1165	658	26
1D19P	Spuzzum Creek	Lower Fraser	1197	2017-01-01	80	613			93%	595	597	198	1268	662	19
1E01B	BLUE RIVER	North Thompson	673	2017-12-31	50	86			58%	122	160	0	263	149	26
1E02P	Mount Cook	North Thompson	1574	2017-01-01	234	510			82%	513	684	420	901	621	18
1E03A	TROPHY MOUNTAIN	North Thompson	1907		NS	NS	NS	NS							0
1E05	KNOUFF LAKE	North Thompson	1189		NS	NS	NS	NS							0
1E07	ADAMS RIVER	North Thompson	1769		NS	NS	NS	NS				205	475	324	13
1E08P	Azure River	North Thompson	1625	2017-01-01	98	567			96%	538	528	356	780	593	21
1E10P	Kostal Lake	North Thompson	1760	2017-01-01	95	322			72%	398	417	271	615	448	33
1E14P	Cook Creek	North Thompson	1280	2017-01-01	56		A			0	0	101	338	239	11
1F01A	ABERDEEN LAKE	South Thompson	1262		NS	NS	NS	NS			85	61	106	94	5
1F02	ANGLEMONT	South Thompson	1168		NS	NS	NS	NS				164	164	164	2
1F03P	Park Mountain	South Thompson	1857	2017-01-01	145	340			81%		379	256	632	421	32
1F04P	Enderby	South Thompson	1950	2017-01-01	170	448				552		552	552		1
1F06P	Celista Mountain	South Thompson	1533	2017-01-01	82	363			78%	357	506	307	577	468	13
2A01A	CANOE RIVER	Upper Columbia	866		NS	NS	NS	NS				29	86	48	5
2A02	GLACIER	Upper Columbia	1249	2017-12-27	86	234	A		77%	208	362	147	519	304	39
2A03A	FIELD	Upper Columbia	1310		NS	NS	NS	NS				38	127	80	11
2A06P	Mount Revelstoke	Upper Columbia	1770	2017-01-01	94	488			83%	600	595	303	861	587	25
2A07	KICKING HORSE	Upper Columbia	1648	2017-12-29	62	130			88%	90	160	66	257	147	35

2A11	BEAVERFOOT	Upper Columbia	1924	2018-01-03	51	96		89%	80	148	52	215	108	29
2A14	MOUNT ABBOT	Upper Columbia	2031	2017-12-28	174	568	A	97%	522	600	298	1065	584	27
2A16	GOLDSTREAM	Upper Columbia	1914	2017-12-31	174	530		90%	626	584	355	906	588	29
2A17	FIDELITY MOUNTAIN	Upper Columbia	1852	2017-12-26	164	530	A	89%	490	590	331	1228	596	37
2A18	KEYSTONE CREEK	Upper Columbia	1839	2017-12-31	136	370		91%	385	414	217	577	405	28
2A18P	Keystone Creek	Upper Columbia	1850	2017-01-01	223	415			518	475	475	518		2
2A19	VERMONT CREEK	Upper Columbia	1533	2018-01-03	87	207		100%	185	286	91	328	207	28
2A21P	Molson Creek	Upper Columbia	1930	2017-01-01	118	625		111%	484	481	286	1072	563	37
2A22	SUNBEAM LAKE	Upper Columbia	2066	2017-12-31	166	493		105%	466	469	243	1131	471	29
2A23	BUSH RIVER	Upper Columbia	1982	2017-12-31	143	408		98%	399	483	216	940	417	29
2A25	KIRBYVILLE LAKE	Upper Columbia	1739	2017-12-31	183	525		86%	620	671	273	1472	613	30
2A27	DOWNIE SLIDE (LOWER)	Upper Columbia	964	2017-12-31	89	194		65%	230	338	166	504	298	28
2A29	DOWNIE SLIDE (UPPER)	Upper Columbia	1628	2017-12-31	201	642		91%	664	335	335	1022	706	28
2A30P	Colpitti Creek	Upper Columbia	2131	2017-01-01	137	491			465	403	403	465		2
2A31P	Caribou Creek Upper	Upper Columbia	2201	2017-01-01	164	511			484	465	465	484		2
2A32P	Wildcat Creek	Upper Columbia	2122	2017-01-01	111	295			258	271	271	258		2
2B02A	FARRON	Lower Columbia	1229	2017-12-27	62	148		101%	110	157	40	330	146	26
2B05	WHATSHAN (UPPER)	Lower Columbia	1476	2018-01-01	116	267		83%	191		169	543	323	29
2B06P	Barnes Creek	Lower Columbia	1595	2017-01-01	149	250		94%	130	272	130	405	265	25
2B07	KOCH CREEK	Lower Columbia	1813	2018-01-01	118	307		89%	336	415	170	473	346	28
2B08P	St. Leon Creek	Lower Columbia	1822	2017-01-01	61	475		97%	501	536	221	855	488	25
2B09	RECORD MOUNTAIN	Lower Columbia	1906	2018-01-03	111	318		100%	324	320	134	575	319	27
2C01	SINCLAIR PASS	East Kootenay	1374	NS	NS	NS	NS				25	107	54	12
2C04	SULLIVAN MINE	East Kootenay	1580	2018-01-02	78	152		122%	84	114	29	226	125	30
2C07	FERNIE EAST	East Kootenay	1213	2018-01-04	66	149		113%	112	98	28	330	132	32
2C09Q	Morrissey Ridge	East Kootenay	1966	2017-01-01	127	200		65%	212	308	124	706	306	38
2C10P	Moyie Mountain	East Kootenay	1840	2017-01-01	59	193		112%	180	184	76	354	172	39
2C14P	Floe Lake	East Kootenay	2110	2017-01-01	0	325		92%	396	331	173	503	352	25
2C15	MOUNT ASSINIBOINE	East Kootenay	2230	2018-01-03	122	331		124%	286	270	111	567	267	29
2C16	MOUNT JOFFRE	East Kootenay	1763	2018-01-03	77	160		96%	98	206	73	364	166	29
2C17	THUNDER CREEK	East Kootenay	2062	2018-01-03	69	154		122%	115	190	61	276	126	29
2D02	FERGUSON	West Kootenay	929	2018-01-02	94	199		78%	125	320	93	409	256	34
2D03	SANDON	West Kootenay	1072	NS	NS	NS	NS				157	157	157	2
2D04	NELSON	West Kootenay	952	2017-12-28	60	108		65%	87	121	61	366	167	51
2D05	GRAY CREEK (LOWER)	West Kootenay	1558	NS	NS	NS	NS				69	372	205	23
2D06	CHAR CREEK	West Kootenay	1290	2018-01-03	103	264		110%	118	221	110	480	239	30
2D07A	DUNCAN LAKE NO. 2	West Kootenay	662	NS	NS	NS	NS						0	0
2D08P	East Creek	West Kootenay	2004	2017-01-01		411		93%	443	525	206	858	442	37
2D09	MOUNT TEMPLEMAN	West Kootenay	1879	N	N	N	N		447	520	277	902	496	30
2D10	GRAY CREEK (UPPER)	West Kootenay	1926	NS	NS	NS	NS				222	612	358	16
2D14P	Redfish Creek	West Kootenay	2086	2017-01-01	192	551		107%	704	751	401	751	514	16
2E01	MONASHEE PASS	Kettle	1387	2018-01-01	72	152		93%	92	165	84	239	163	34

2E02	CARMI	Kettle	1254		NS	NS	NS	NS				86	102	0	3
2E03	BIG WHITE MOUNTAIN	Kettle	1672		NS	NS	NS	NS				112	326	235	17
2E07P	Grano Creek	Kettle	1874	2017-01-01	54	229			102%	189	285	143	315	225	20
2F01A	TROUT CREEK (West)	Okanagan	1430		NS	NS	NS	NS			93	68	140	0	3
2F02	SUMMERLAND RESERVOIR	Okanagan	1304	2018-01-03	69	147			147%	104	172	42	198	100	48
2F03	MC CULLOCH	Okanagan	1266		NS	NS	NS	NS				28	144	78	28
2F04	GRAYSTOKE LAKE	Okanagan	1818	2018-01-03	70	202			137%	128	168	96	282	147	13
2F05P	Mission Creek	Okanagan	1794	2017-01-01	108	221			97%	176	242	104	398	227	48
2F07	POSTILL LAKE	Okanagan	1358		NS	NS	NS	NS						0	0
2F08P	Greyback Reservoir	Okanagan	1550	2017-01-01	125	137				102		102	102		1
2F09	WHITEROCKS MOUNTAIN	Okanagan	1789		NS	NS	NS	NS				122	447	271	20
2F10P	Silver Star Mountain	Okanagan	1839	2017-01-01		359				314	344	314	344		2
2F11	ISINTOK LAKE	Okanagan	1651	2018-01-04	56	117			170%	77	108	16	196	69	48
2F12	MOUNT KOBAN	Okanagan	1817	2017-12-31	76	170			122%	70	185	28	261	139	38
2F13	ESPERON CR (UPPER)	Okanagan	1634		NS	NS	NS	NS						0	
2F14	ESPERON CR (MIDDLE)	Okanagan	1440		NS	NS	NS	NS						0	
2F18P	Brenda Mine	Okanagan	1453	2017-01-01	68	151			82%	125	217	85	304	185	25
2F19	OOYAMA LAKE	Okanagan	1365		NS	NS	NS	NS						0	
2F20	VASEUX CREEK	Okanagan	1403		NS	NS	NS	NS				32	117	56	19
2F21	BOULEAU LAKE	Okanagan	1405		NS	NS	NS	NS				160	351	0	2
2F23	MACDONALD LAKE	Okanagan	1742		NS	NS	NS	NS				81	328	189	16
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	2017-01-01		426			112%	333	488	108	923	379	50
2G04	LOST HORSE MOUNTAIN	Similkameen	1988		NS	NS	NS	NS				54	120	93	7
2G05	MISSEZULA MOUNTAIN	Similkameen	1602		NS	NS	NS	NS				21	197	96	15
2G06	HAMILTON HILL	Similkameen	1477		NS	NS	NS	NS				55	313	168	15
3A01	GROUSE MOUNTAIN	South Coast	1126	2017-12-27	145	566			117%	732	596	24	878	485	29
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				86	334	334	3
3A10	DOG MOUNTAIN	South Coast	1007	2017-12-28	155	520			107%	754	586	78	879	488	24
3A19	ORCHID LAKE	South Coast	1178	2018-01-02	234	829			112%	808	832	180	1360	739	27
3A20	CALLAGHAN CREEK	South Coast	1009		NS	NS	NS	NS				100	638	289	13
3A22P	Nostetuko River	South Coast	1457	2017-01-01		254			98%	169	268	32	544	258	29
3A24P	Mosley Creek Upper	South Coast	1655	2017-01-01		216			111%	181	159	85	491	194	29
3A25P	Squamish River Upper	South Coast	1387	2017-01-01		740			100%	584	726	391	1160	742	28
3A26	CHAPMAN CREEK	South Coast	1022		NS	NS	NS	NS						0	
3A27	EDWARDS LAKE	South Coast	1070		NS	NS	NS	NS						0	
3B01	FORBIDDEN PLATEAU	Vancouver Island	1110	2018-01-02	158	535			86%	619	660	0	1287	621	31
3B02A	MOUNT COKELY	Vancouver Island	1267		NS	NS	NS	NS						0	
3B04	ELK RIVER	Vancouver Island	270	2018-01-02	21	65			133%	123	40	0	264	49	30



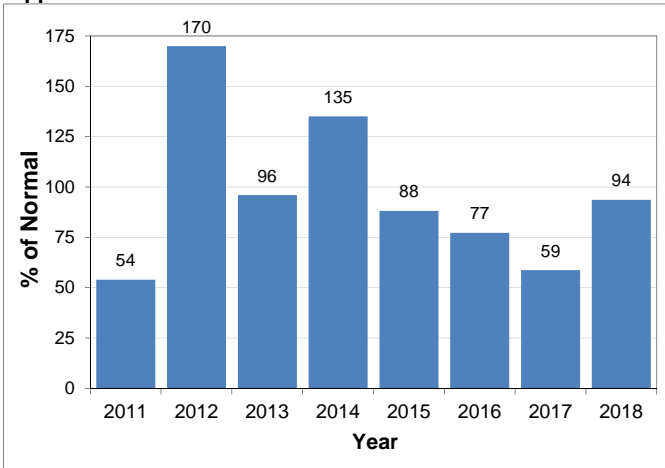
3B10	UPPER THELWOOD LAKE	Vancouver Island	1014	NS	NS	NS	NS				546	734	587	5
3B17P	Wolf River Upper	Vancouver Island	1422	2017-01-01		584		105%	518	582	43	1057	555	36
3B18	WOLF RIVER (MIDDLE)	Vancouver Island	1050	2018-01-02	32	68		26%	310	230	0	774	262	24
3B19	WOLF RIVER (LOWER)	Vancouver Island	615		N	N	N		204	160	0	388	161	24
3B23P	Jump Creek	Vancouver Island	1134	2017-01-01			A		460	287	63	1025	459	22
3B24P	Heather Mountain Upper	Vancouver Island	1190	2017-01-01		558			661	647	647	661		2
3B26P	Mount Arrowsmith	Vancouver Island	1465	2017-01-01		376			373		373	373		1
3C07	WEDEENE RIVER SOUTH	North Coast	196		NS	NS	NS				242	242	242	1
3C08P	Burnt Bridge Creek	North Coast	1329	2017-01-01		337		79%	279	382	139	702	429	20
3D01C	SUMALLO RIVER WEST	Skagit	801		NS	NS	NS			82	47	82		2
3D02	LIGHTNING LAKE	Skagit	1254		NS	NS	NS						0	
3D03A	KLESILKWA	Skagit	1134	2017-12-26	43	78		63%	135	134	0	386	123	21
4A02P	Pine Pass	Peace	1386	2017-01-01		472		86%	101	363	101	1016	549	29
4A03	WARE (UPPER)	Peace	1563	2018-01-03	66	161		107%	92	90	64	248	151	29
4A03P	Ware Upper	Peace	1565	2017-01-01		139			68		68	68		1
4A04	WARE (LOWER)	Peace	969	2018-01-03	52	115		105%	46	89	46	240	110	27
4A04P	Ware Lower	Peace	971	2017-01-01		117			134		134	134		1
4A05	GERMANSEN (UPPER)	Peace	1489	2018-01-04	71	184		99%	115	156	93	364	186	36
4A06	TUTIZZI LAKE	Peace	1043	2018-01-04	59	144		101%	69	106	69	223	142	28
4A07	LADY LAURIER LAKE	Peace	1460	2018-01-02	94	260		88%	178	194	140	472	295	35
4A09	PULPIT LAKE	Peace	1331	2018-01-03	74	170		72%	136	152	130	398	235	29
4A09P	Pulpit Lake	Peace	1331	2017-01-01		129		52%	110	133	110	344	250	28
4A10	FREDRICKSON LAKE	Peace	1323	2018-01-03	46	65		51%	70	93	54	250	128	29
4A11	TRYGVE LAKE	Peace	1409	2018-01-03	69	158		76%	121	119	119	299	207	33
4A12	TSAYDAYCHI LAKE	Peace	1173	2018-01-04	79	245		113%	148	166	128	393	217	36
4A13	PHILIP LAKE	Peace	1013	2018-01-04	46	128		83%		137	48	288	154	35
4A16	MORFEE MOUNTAIN	Peace	1427	2018-01-05	95	299		70%	239	265	199	710	425	29
4A18	MOUNT SHEBA	Peace	1480	2018-01-05	126	444		101%	279	369	106	793	438	24
4A20	MONKMAN CREEK	Peace	1566	2018-01-05	108	381		138%		190	107	546	277	23
4A21	MOUNT STEARNS	Peace	1514	2018-01-02	44	87		106%	92	41	14	151	82	29
4A25	FORT ST. JOHN A	Peace	692	2018-01-04	34	82		158%	50	34	0	134	52	33
4A27P	Kwadacha North	Peace	1554	2017-01-01		173			80		80	80		1
4A30P	Aiken Lake	Peace	1061	2017-01-04		96		70%	117	90	71	262	138	33
4A31P	Crying Girl Prairie	Peace	1358	2017-01-01		125			75	86	75	86		2
4A33P	Muskwa-Kechika	Peace	1196	2017-01-01		69			301	23	23	301		2
4A34P	Dowling Creek	Peace	1456	2017-01-01		461			78		78	78		1
4B01	KIDPRICE LAKE	Skeena-Nass	1415		NS	NS	NS				369	894	894	4
4B02	JOHANSON LAKE	Skeena-Nass	1480	2018-01-04	54	121		72%	103	108	84	282	167	33
4B03A	HUDSON BAY MTN.	Skeena-Nass	1452	2018-01-04	93	286		110%	218	168	135	470	264	35
4B04	CHAPMAN LAKE	Skeena-Nass	1485		NS	NS	NS						0	
4B06	TACHEK CREEK	Skeena-Nass	1133		NS	NS	NS						0	
4B07	MCKENDRICK CREEK	Skeena-Nass	1048		NS	NS	NS						0	

4B08	MOUNT CRONIN	Skeena-Nass	1491		NS	NS	NS	NS									0	
4B10	NINGUNSAW PASS	Nass	647		NS	NS	NS	NS				277	277				0	1
4B11A	BEAR PASS	Nass	437	2018-01-04		78	170										0	
4B12P	Granduc Mine	Skeena-Nass	790	2017-01-01				A		157		157	157					1
4B13A	TERRACE A	Skeena-Nass	219	2018-01-03		18	58		79%	46	68	0	264	73	32			
4B14	EQUITY MINE	Skeena-Nass	1434		NS	NS	NS	NS				118	228	166	11			
4B15	LU LAKE	Skeena-Nass	1296		NS	NS	NS	NS				96	182	130	11			
4B15P	Lu Lake	Skeena-Nass	1308	2017-01-01			163		116%	204	119	41	291	141	20			
4B16P	Shedin Creek	Skeena-Nass	1320	2017-01-01			279		66%	441	195	195	598	425	22			
4B17P	Tsai Creek	Skeena-Nass	1360	2017-01-01			456		76%	165	302	165	983	599	20			
4B18P	Cedar-Kiteen	Skeena-Nass	912	2017-01-01				A		72	178	72	568	307	17			
4C01	SIKANNI LAKE	Liard	1390	2018-01-03	62	140			97%	71	78	44	257	145	34			
4C01P	Sikanni Lake	Liard	1400	2017-01-01			161			109		109	109		1			
4C02	SUMMIT LAKE	Liard	1291		NS	NS	NS	NS				58	58	0	3			
4C03	DEASE LAKE	Liard	805		NS	NS	NS	NS				20	168	68	38			
4C05	FORT NELSON AIRPORT	Liard	368		NS	NS	NS	NS			38	15	112	57	45			
4C15	JADE CITY	Liard	943		N	N	N	N						0				
4D01	TELEGRAPH CREEK	Stikine	490		NS	NS	NS	NS						0				
4D02	ISKUT	Stikine	931		NS	NS	NS	NS				76	76	0	2			
4D11P	Kinaskan Lake	Stikine	1020	2017-01-01			96		48%		94	94	97	202	21			
4E02B	ATLIN LAKE	Yukon	730		NS	NS	NS	NS						0				

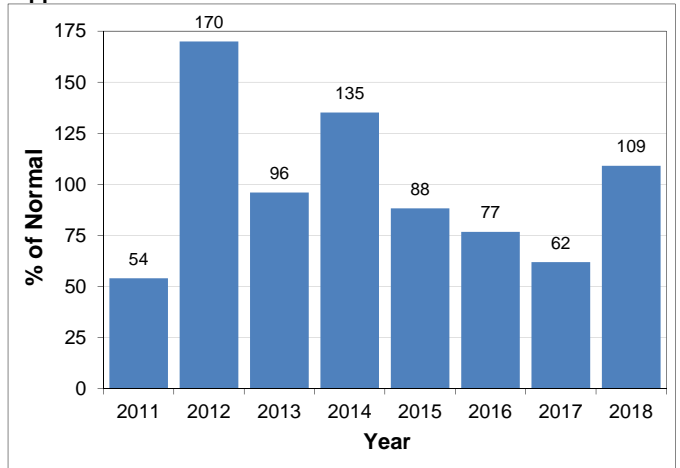
Code	Description
A	Sampling problems were encountered
B	Early or late sampling
C	Early or late sampling w/problems encountered
E	Estimate
N	Scheduled, but not sampled
NA	Not available
NS	Not scheduled
SD	Snow Depth
SWE	Snow Water Equivalent
T	Trace Amount

## Snow Basin Index Graphs - January 1, 2018

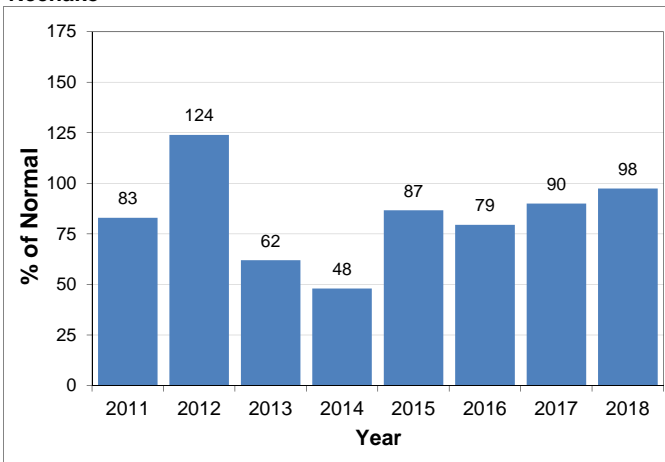
### Upper Fraser West



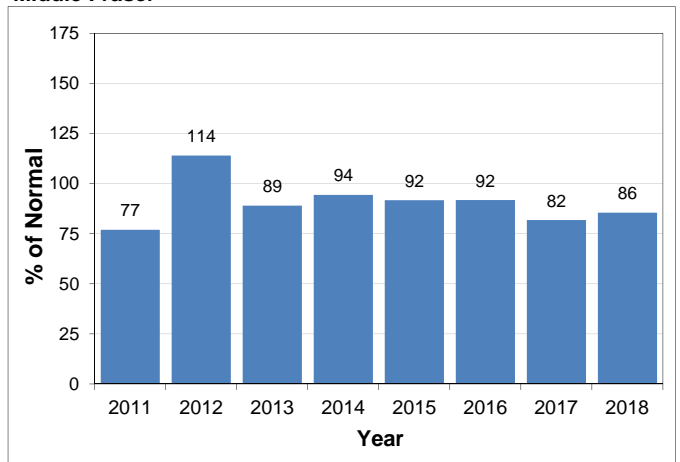
### Upper Fraser East



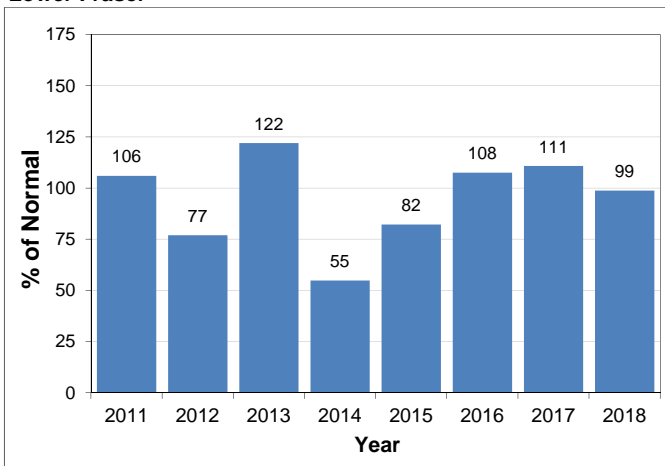
### Nechako



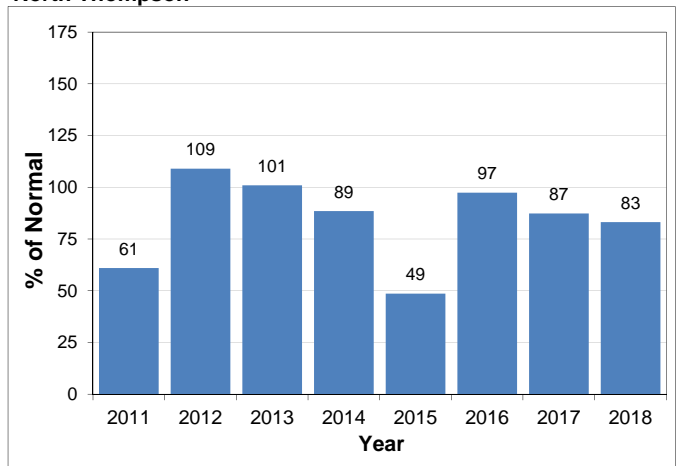
### Middle Fraser



### Lower Fraser

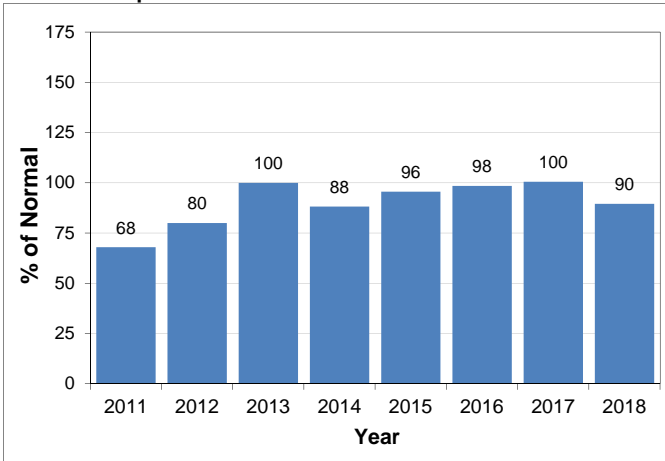


### North Thompson

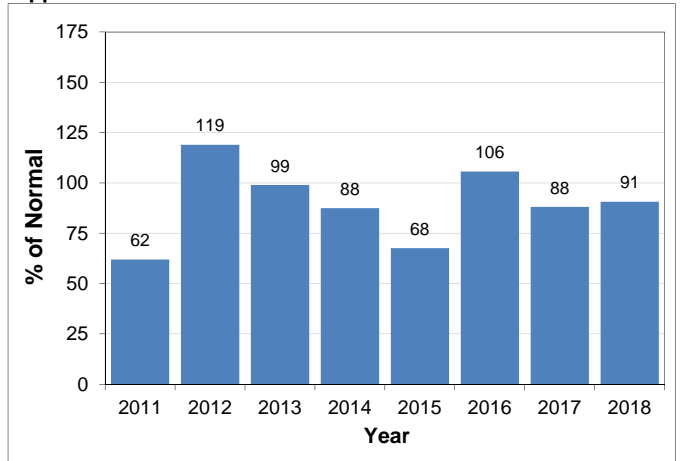


## Snow Basin Index Graphs - January 1, 2018

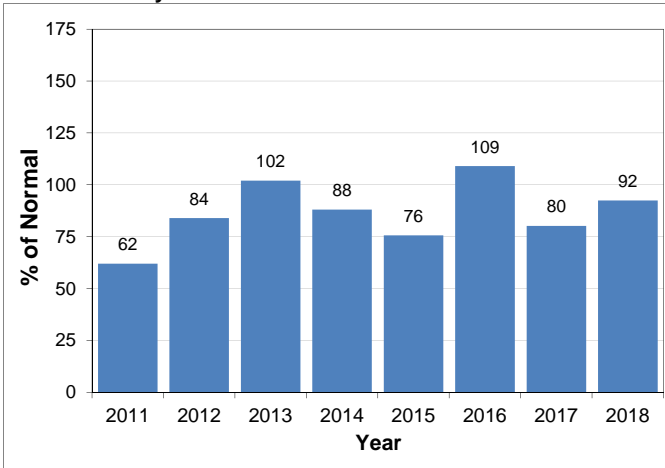
### South Thompson



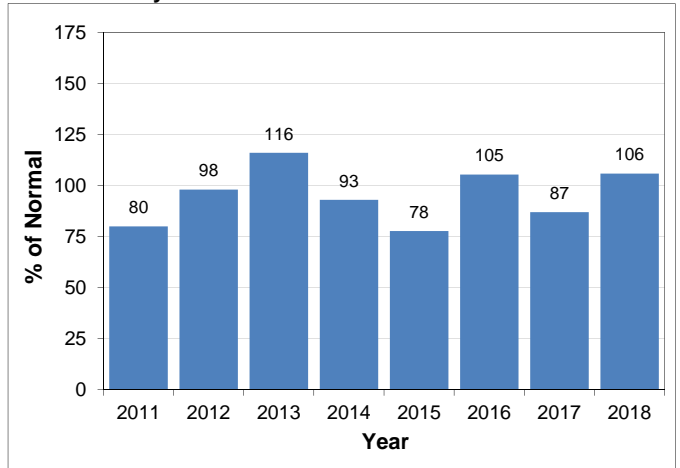
### Upper Columbia



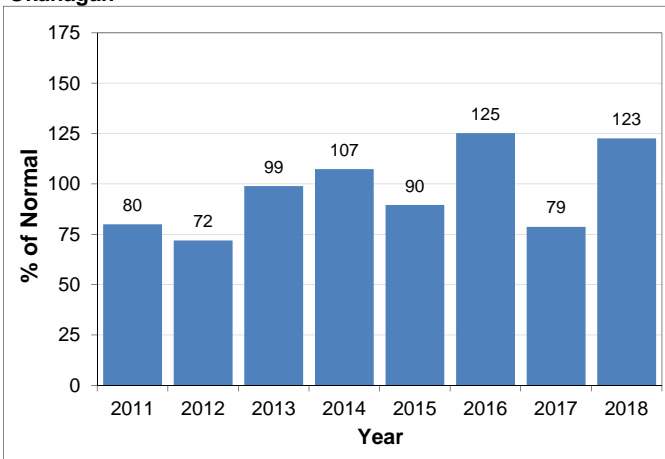
### West Kootenay



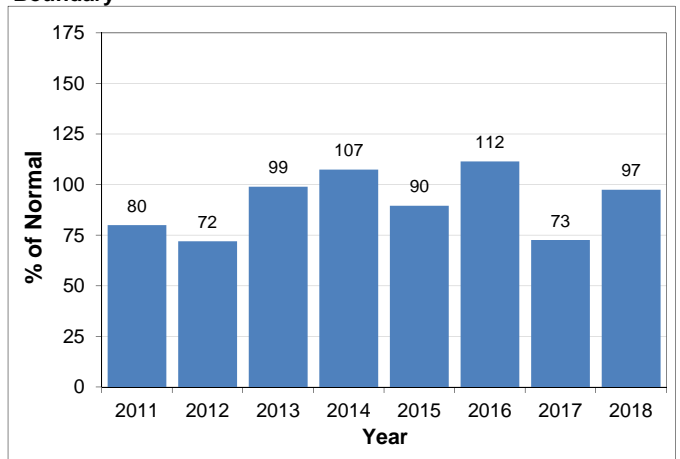
### East Kootenay



### Okanagan

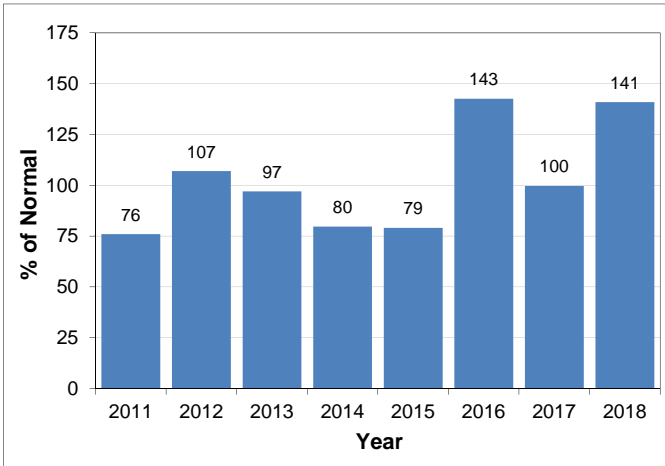


### Boundary

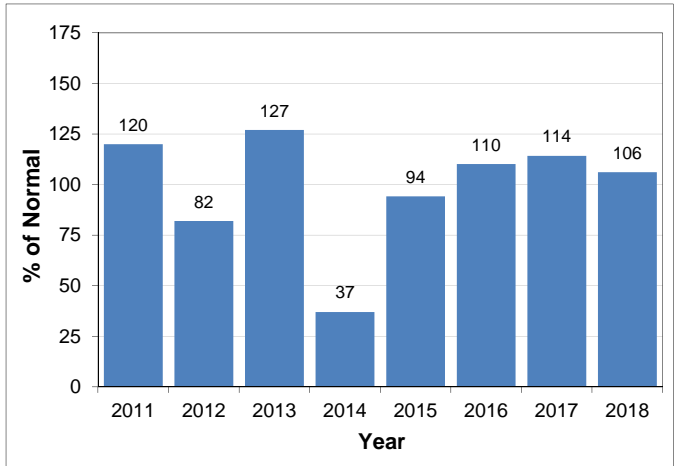


## Snow Basin Index Graphs - January 1, 2018

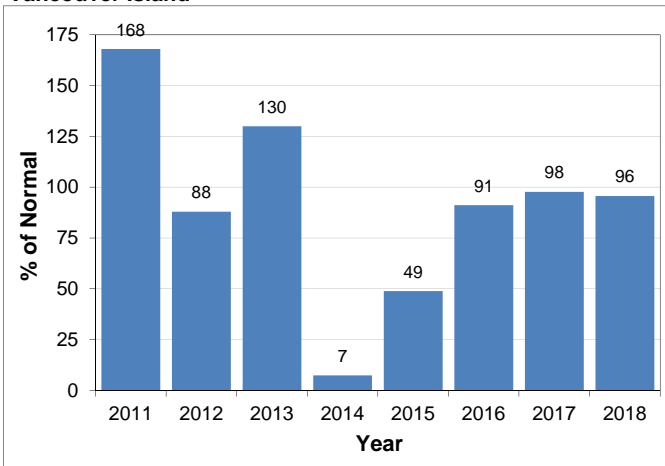
**Similkameen**



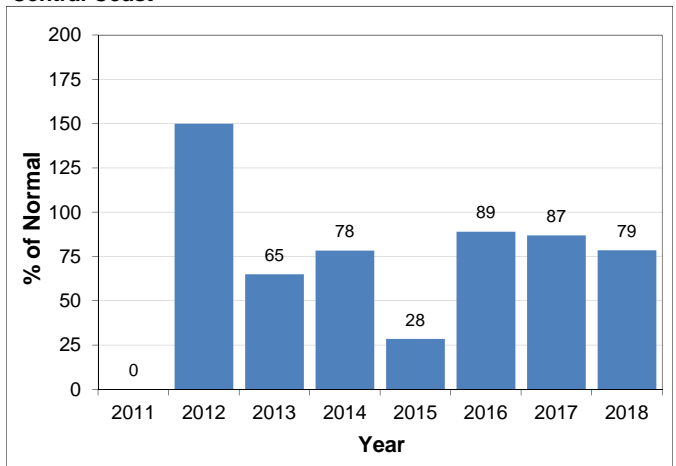
**South Coast**



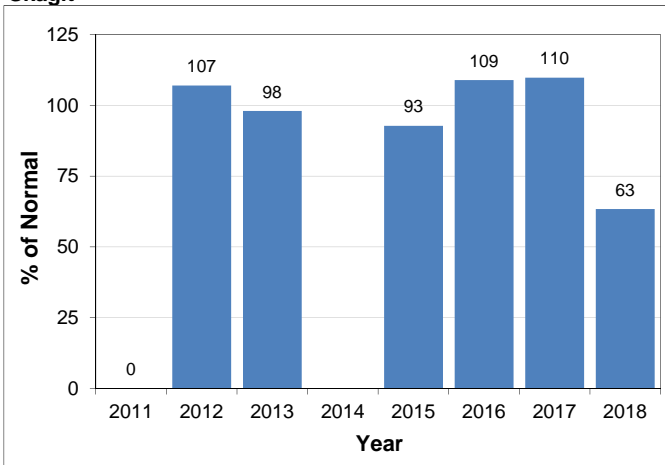
**Vancouver Island**



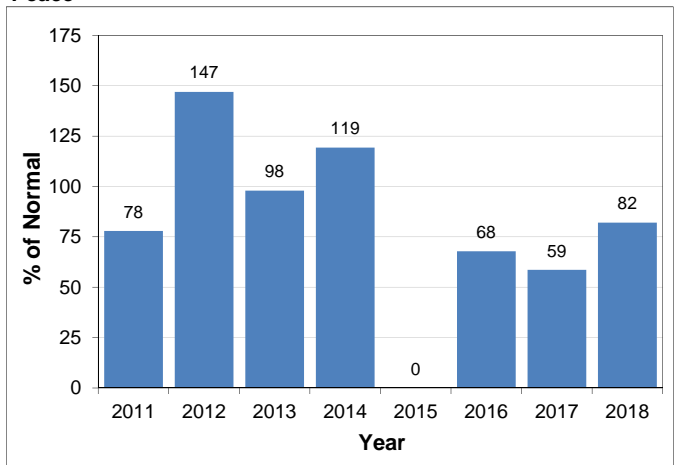
**Central Coast**



**Skagit**

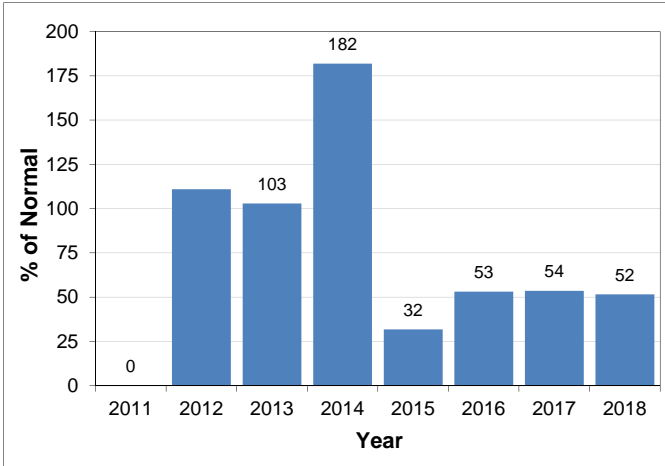


**Peace**

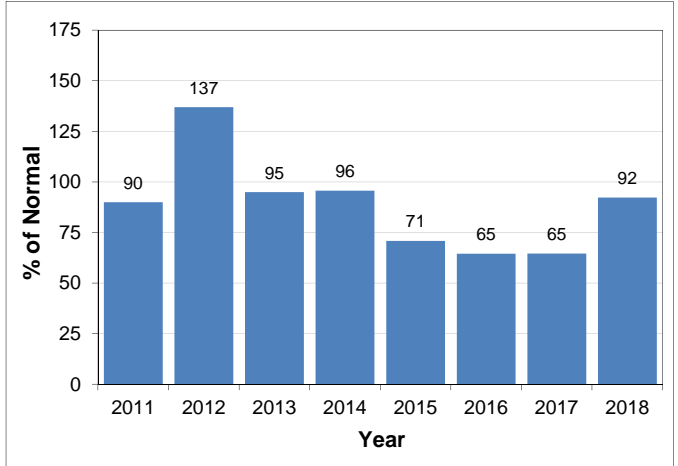


## Snow Basin Index Graphs - January 1, 2018

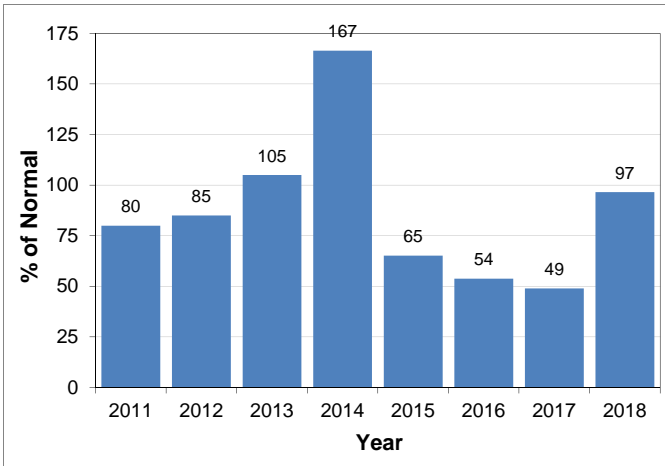
### Stikine



### Skeena-Nass



### Liard



### Northwest

