



Water Supply and Snow Survey Bulletin – May 1, 2010

The May 1 snow survey is now complete. Data from 136 snow courses and 50 snow pillows around the province, with 18 out-of-province sampling locations and climate data from Environment Canada, have been used to form the basis of the following report.

Weather:

Weather across B.C. over the winter was dominated by the effects of a moderate El Niño. Much of central and southern B.C. experienced well above normal temperatures during January, February and March. As a result of the unseasonably warm weather, melt of low- and mid-slope snow occurred in most areas of the Coast and Interior. Temperatures during April were at or slightly below seasonal normals.

Precipitation has been variable over the winter. For the South Coast, a series of Pacific frontal storms during January brought heavy rain. These storms also allowed significant snowpacks to develop on some high elevation areas on Vancouver Island and the South Coast. February and the first half of March had below normal precipitation, but then frontal storms in late March produced further snow accumulations. For the Interior, snowfall from January to late March was well below normal. During late March, frontal storms arising off the Pacific swept across the Interior, bringing heavier than normal snowfall to some areas. Precipitation during April was above normal on Vancouver Island, and the south and central Coast, but below normal for the south and central Interior, the Northwest (Skeena, Nass, Stikine, etc.) and Northeast (Peace). The Prince George - Quesnel - Fort St. James area of the Interior received near normal April rainfall.

Current Snowpack:

The peak of the winter's snowpack has accumulated and melt has now begun. The general pattern of snow conditions across British Columbia as of May 1 has not varied significantly over the past couple of months. Snowpacks have, however, declined in most areas during April (except for the South and Central Coast, and Vancouver Island) as a result of a drier than normal weather. With the exception of high elevation areas on Vancouver Island and the South Coast, snowpacks across B.C. are all below normal. Snowpacks in the South Interior (Nicola, Okanagan, Similkameen, West Kootenay, East Kootenay, Lower Columbia) and in the Northwest Interior (Skeena, Nass) are well below normal.

Basin snow water indices across B.C. vary from a low of 37 per cent of normal in the Similkameen to a high of 105 per cent of normal on Vancouver Island. Basin snow water indices declined across the BC Interior during April. Vancouver Island and the South and Central Coast experienced increases in water indices during April, as a result of being affected by frontal storm systems.

Overall, much of central B.C. (Fraser, Thompson, Peace) has 80-90 per cent of normal snowpack. The South Interior (Nicola, Okanagan, Kettle, Similkameen, Kootenay) has 37-76 per cent of normal snowpack. These basins all stand out as having particularly poor snow conditions. The Skeena and Nass basins are also dry, at only 61 per cent, a notable decline from their 81 per cent level a month ago.

BC Snow Basin Indices – May 1, 2010

Basin	% of Normal	Basin	% of Normal
Upper Fraser	81%	Kootenay	64%
Nechako	90%	Okanagan-Kettle	76%
Middle Fraser	80%	Similkameen	37%
Lower Fraser	95%	South Coast	90%
North Thompson	91%	Skagit	82%
South Thompson	87%	Vancouver Island	105%
Nicola	52%	Peace	81%
Columbia	82%	Skeena-Nass	61%

In most basins, low and mid elevation snow is absent or well below normal, following the warm weather of January, February and early March. This is generally not well measured by the BC snow survey, which is biased towards high elevation locations. Use caution in interpreting the basin snow index numbers reported here, as they may indicate greater snow water in some basins than is actually present.

Upper Fraser: Individual snow courses range from 0% of normal (Bird Creek) to 93% (Yellowhead). The overall basin index is 81%, a decline from 86% at Apr 1. Below about 1200 metres elevation, measurements vary from zero to about 70% of normal.

Nechako: Snowpacks in western portions of the Nechako are near normal (e.g., Tahtsa Lake – 101%). Eastern portions of the Nechako are similar to the adjacent Upper Fraser, near 72-84%.

Mid Fraser: Snow conditions across the Mid Fraser are variable. Snow courses on the Fraser Plateau vary between zero and 60% of normal; the Quesnel Highlands vary between 50% and 85%; while south-western portions (such as the Bridge River – Duffey lake area) appear to range from 100% to 140% of normal.

North Thompson: Snow courses in the North Thompson vary from normal (Mount Cook – 102%) to well below normal (Blue River– 31%), with an overall index of 91%.

South Thompson: Snow courses in the South Thompson are all below normal, varying from zero (Anglemont) to 96% at Celista. The overall basin index is 87%, a slight drop from 92% at Apr 1.

Nicola: Snowpack in the Nicola is well below normal, with a basin index of only 50% of normal. Conditions vary, with snow courses in the Coldwater River basin, and in the Nicola upstream of

Nicola Lake in the 20-65% of normal range. The Gnawed Mountain snow course in the north Nicola is unusually high at 91%.

Upper Columbia: Individual snow courses in the Upper Columbia range from 30% (Beaverfoot) to 101% (Molson Creek), with an overall basin index of 80%.

Lower Columbia: All snow courses in the Lower Columbia are below normal, ranging from 46% (Farron) to 83% (Koch Creek), with an overall basin index of 68%.

East Kootenay: The east Kootenay is very dry, with an overall basin index of only 55% of normal, reduced from 64% at Apr 1. Individual snow courses vary from zero (Fernie East, Sinclair Pass) to 86% (Floie Lake). Precipitation in the East Kootenay was well below normal for April.

West Kootenay: The West Kootenay is dry, with an overall basin index of 69% of normal. Individual snow courses vary from zero (Nelson) to 83% (Koch Creek). Precipitation in the West Kootenay was below normal for April.

Kettle: The Kettle River basin is dry, with an overall basin index of 69% of normal, reduced from 75% at Apr 1. Individual snow courses vary from zero (Nelson) to 80% (Ferguson).

Okanagan: The Okanagan basin is dry, with an overall basin snow index of 76%. Snow along the west side of the Okanagan valley is particularly poor (Summerland Reservoir - zero; Isintock Lake - 23%; Brenda Mine - 38%; Bouleau Lake - 13%). Higher elevations along the east side of the valley are somewhat better (Mission Creek - 90%; Greyback Reservoir - 94%. However, Oyama Lake is only 11% and Vaseux Creek is zero. Silver Star Mountain in the north part of the basin is at 86% of normal. The River Forecast Centre is forecasting inflows to Okanagan Lake to be only to be only 61% of normal for the May to September period.

Similkameen: The Similkameen River basin is very dry, with an overall basin index of only 37%, a large decline from 64% at Apr 1. Individual snow courses vary from 4% (Missezula Mountain) to 86% at the high elevation Blackwall Peak. The River Forecast Centre is forecasting runoff in the Similkameen River at Hedley to be only 55% of normal for the April to September period.

South Coast: High elevation sites are generally near or above normal, with an overall basin index of 90%. Individual sites range from 76% (Palisade Lake snow pillow) to 124% (Mosely Creek Upper snow pillow).

Vancouver Island: There are very few snow measurement sites on Vancouver Island. The limited data suggest that mid and high elevation sites on the central Island are above normal (Wolf River – 133%, while mid elevation sites are near normal (Jump Creek - 98%). Vancouver Island received above normal precipitation during April.

Peace: The Peace River basin is dry, with an overall basin index of 81%. Individual measurements range from a low of 33% (Ware Lower) to a high of 92% (Lady Laurier Lake).

Skeena/Nass: The Skeena and Nass river basins are dry, with somewhat better snow conditions in the Bulkley basin. The Skeena/Nass has an overall basin index of only 61% or normal. All snow courses are below normal, ranging from zero (Ningunsaw Pass) to near 90%. Tsai Creek (in

the southern Bulkley drainage) is the exception, at 101%. Snow courses in the Bulkley are generally varying between 75-90% of normal.

Water Supply Outlook:

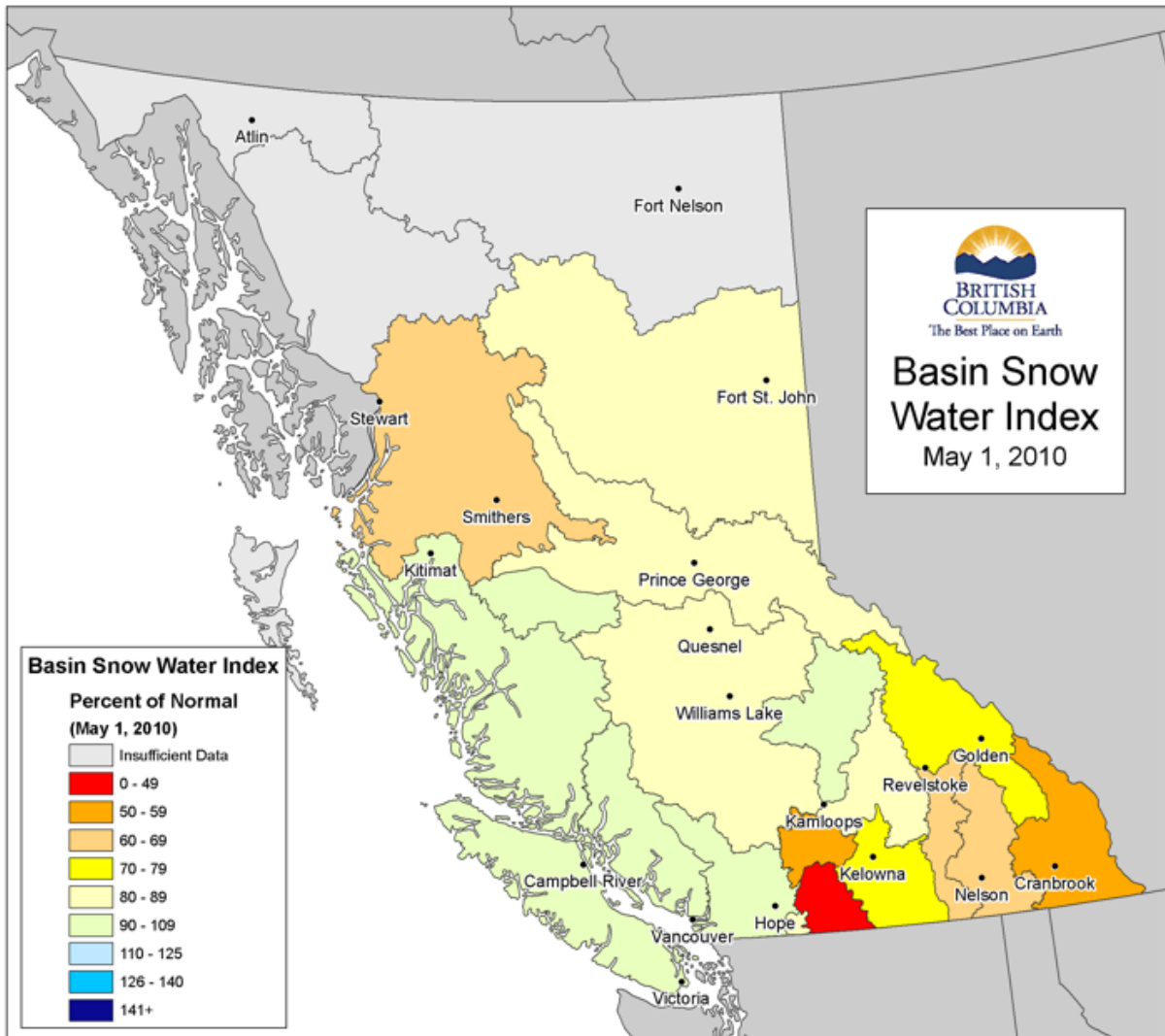
Conditions as of May 1 indicate a likelihood of well below normal freshet runoff during May and June, and low risk for freshet flooding in the major river basins (Fraser, Thompson, Skeena, Bulkley, Nass, Peace, Liard, etc.). Water levels on these large rivers began to rise in late April, and are expected to peak by late May or early June.

The well below normal snowpack conditions across much of the South Interior (Okanagan, Nicola, Kettle, Similkameen, West Kootenay, East Kootenay), along with the Skeena, Nass, and Peace river basins in the north, indicate potential for low stream flows and water-supply challenges to develop during the summer. The low snowpack and smaller than normal snowmelt runoff are likely to be reflected in such things as lower than normal lake and reservoir levels, lower than normal recharge of groundwater aquifers, and lower than normal river levels during summer.

Snow conditions at the end of the winter comprise only part of the peak flow and water supply forecast picture. Weather during May and June has a large influence. To reduce the potential for summer low flow or drought problems, rainfall during May and June will need to be at or above normal.

The Province is developing a drought response plan that will be in effect in June. However, given the current snow conditions, notice of potential drought is included in this bulletin. Much of the South Interior (including the Nicola, Okanagan, Kettle, Simikmaneen, East Kootenay, West Kootenay and Lower Columbia) are currently classified at Drought Level 3 (Very Dry Conditions), where low stream flows and water supply shortages are highly probable unless significant rainfall occurs during May and June. Water conservation is urged. Water restrictions at the local level should be considered and drought management plans should be reviewed.

Much of the Central and North Interior (including the South Thompson, Cariboo, Upper Fraser, Skeena, Nass, Bulkley, and Peace) are currently classified at Drought Level 2 (Dry Conditions). These areas have early indications of potential low stream flow and summer water supply shortages. Voluntary conservation, as well as planning at the local level and use of tools such as drought management plans, is urged.



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.

UPPER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
PACIFIC LAKE	1A11	770	26-Apr	102	433	82	755	719	950	93	530	44
PHILIP LAKE	4A13	980	27-Apr	41	120	60	279	253	406	0	201	45
HEDRICK LAKE	1A14	1100	26-Apr	125	541	83	901	841	1090A	263	648	42
HEDRICK LAKE	1A14P	1100	01-May	141	698	87	1091	1005	1133	585	801*	9
BIRD CREEK	1A23	1180	30-Apr	0	0	0	146	138	184	0	41*	19
KAZA LAKE	1A12	1190	27-Apr	58	166	50	422	384	470	201	330	43
LU LAKE	4B15	1300	30-Apr	67	222	80	378	240	528	144	261*	29
LU LAKE	4B15P	1310	01-May	119	189	81	356	319	514	79	233*	10
EQUITY MINE	4B14	1420	30-Apr	92	340	89	462	400	690	212	383	31
MOUNT SHEBA	4A18	1490	26-Apr	184	810	92	1030	1058	1371	503	876	40
BARKERVILLE	1A03P	1520	01-May	52	196	56	390	349	604	165	350	32
MC BRIDE (UPPER)	1A02	1580	29-Apr	93	368	85	495	443	790	241	433	41
KNUDSEN LAKE	1A15	1580	26-Apr	156	657	75	1167	976	1346A	501	874	40
MCKRIDE (UPPER)	1A02P	1620	01-May	96	377	63	548	443	750	443	597*	2
REVOLUTION CREEK	1A17P	1690	01-May	163	606	77	1008	938	1220	486	789	23
LONGWORTH (UPPER)	1A05	1740	26-Apr	159	724	88	1118	1102	1476A	391	824	56
DOMMOUNTAIN	1A19	1820	29-Apr	164	650	77	992	868	1138	452	844	36
DOMMOUNTAIN	1A19P	1820	01-May	N/A	589	70	908	806	1163	570	846*	3
MARMOT JASPER	AL12	1830					196	193	401	0	226*	37
YELLOWHEAD	1A01P	1860	01-May	112	594	93	491	491	836	398	641	12

NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
TAHTSA LAKE	1B02	1300	03-May	269	1210	96	1171	1194	2073	701	1258	57
TAHTSA LAKE	1B02P	1300	01-May	N/A	1332	101	1253	1317	2353	826	1320	16
KIDPRICE LAKE	4B01	1370	03-May	191	871	93	1105	899	1591	551	935	57
MOUNT PONDOSY	1B08P	1400	01-May	N/A	683	84	680	661	1277	399	813	15
MOUNT WELLS	1B01	1490	30-Apr	111	419	81	656	475	958	201	515	54
MOUNT WELLS	1B01P	1490	01-May	N/A	493	82	774	567	920	308	598	17
NUTLI LAKE	1B07	1490	30-Apr	111	433	85	506	501	870	252	509*	18
MOUNT SWANNELL	1B06	1620	30-Apr	62	213	73	348	331	499	109	291*	20

MIDDLE FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	02-May	5	23	23	27	115	419	0	102	62
GRANITE MOUNTAIN	1C33A	1150	27-Apr	0	0	0	144	213	213	0	27	16
BRIDGE GLACIER (LOWER)	1C39	1400	29-Apr	204	846	136	244	556	1018	244	623*	13
DEADMAN RIVER	1C32	1430	30-Apr	0	0	0	60	100	121	0	35	25
BRALORNE	1C14	1450	29-Apr	24	79	104	0	0	255	0	76	45
SHOVELNOSE MOUNTAIN	1C29	1450	01-May	9	32	46	39		302	0	70	28
BOSS MOUNTAIN MINE	1C20P	1460	01-May	N/A	441	74	548	768	829	386	595	15
LAC LE JEUNE (UPPER)	1C25	1460	30-Apr	3	8	24	22	81	136	0	33	36
BRENDA MINE	2F18	1460	04-May	28	90	38	150	270	526	0Z	236	40
BRENDA MINE	2F18P	1460	01-May	N/A	87	51	179	292	292	0	171	16
HIGHLAND VALLEY	1C09A	1510	29-Apr	0	0	0	29	30	142	0	29	43
BARKERVILLE	1A03P	1520	01-May	52	196	56	390	349	604	165	350	32
HORSEFLY MOUNTAIN	1C13A	1550	30-Apr	66	266	63	536	520	676	136	422	38
GNAWED MOUNTAIN	1C19	1580	29-Apr	21	71	91	71	86	241	0	78	41
MOUNT TIMOTHY	1C17	1660	01-May	58	175	60	310	337	536	118	290	46
YANKS PEAK EAST	1C41P	1670	01-May	117	603	71	1021	975	1062	536	849	12
PENFOLD CREEK	1C23	1680	29-Apr	203	916	85	1082	1136	1420	710	1081	36
GREEN MOUNTAIN	1C12P	1780	01-May	N/A	1183	129	500	856	1372	500	950	15
MCGILLIVRAY PASS	1C05	1800	29-Apr	160	688	114	360	524	1118	270	603	56
MISSION RIDGE	1C18P	1850	01-May	N/A	497	92	459	496	963	204	541	22
DOWNTON LAKE (UPPER)	1C38	1890	29-Apr	244	1110	122	450	746	1340	450	911	12
TYAUGHTON CREEK (NORTH)	1C40	1950	29-Apr	141	584	150	268	428	806	268	390	13
BRALORNE(UPPER)	1C37	1980	29-Apr	182	788	110	364	684	1092	364	718	13

LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	02-May	5	23	23	27	115	419	0	102	62
DISAPPOINTMENT LAKE	1D18P	1040	01-May	N/A	1448	103			2044P	500P	1408*	7
CALLAGHAN CREEK	3A20	1040	30-Apr	178	828	103	524	1002	1568	156	805	31
DICKSON LAKE	1D16	1070					1470		3180A	520	1550	16
DOG MOUNTAIN	3A10	1080	05-May	205	981	79	1225	1785	2760A	122	1238	25
BEAVER PASS	WA12	1120	30-Apr	140	589	79	559	871	1600	79	744*	60
KLESILKWA	3D03A	1130					293	281	752	0	166	35
SPUZZUM CREEK	1D19P	1180	01-May	310	1601	95	1028	1954	2936P	409	1682*	10
STAVE LAKE	1D08	1210					1122	1831	3120A	574	1653	42
WAHLEACH LAKE	1D09	1400					542	917	1417	177	699	41
WAHLEACH LAKE	1D09P	1400	01-May	N/A	981	86	881	1490	1585	509	1140	17
NAHATLATCH RIVER	1D10	1520					913	1468	2720A	608	1487	40
CHILLIWACK RIVER	1D17P	1600	01-May	288	1575	105	1448	1823	2405P	720	1504*	16
TENQUILLE LAKE	1D06P	1680	01-May	N/A	1356	127	686	1061	1695	653	1065*	8

NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
BLUE RIVER	1E01B	670	27-Apr	3	11	31	166	63	265	0Z	36	26
BOSS MOUNTAIN MINE	1C20P	1460	01-May	N/A	441	74	548	768	829	386	595	15
MOUNT COOK	1E02P	1550	01-May	253	1298	100	1110	1568	1665	924	1294*	8
AZURE RIVER	1E08P	1620	01-May	200	1157	90	1106	1372	1620	773	1280	12
ADAMS RIVER	1E07	1720	27-Apr	162	718	94	610	785	1173	396	762	38
KOSTAL LAKE	1E10P	1770	01-May	203	736	80	900	1050	1256	640	921	24
TROPHY MOUNTAIN	1E03A	1860	26-Apr	139	546	88	600	646	960	417	619	33

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
ANGLEMONT	1F02	1190	29-Apr	0	0	0	221	280	496	0	213	51
ABERDEEN LAKE	1F01A	1310					0	112	144	0	27	54
MONASHEE PASS	2E01	1370	26-Apr	41	150	52	337	362	505	67	291	49
BOULEAU LAKE	2F21	1400	01-May	31	40	13	150	252	488	95	309	37
CELISTA	1F06P	1500	01-May	170	885	91	799		1185	799	968*	3
ADAMS RIVER	1E07	1720	27-Apr	162	718	94	610	785	1173	396	762	38
KIRBYVILLE LAKE	2A25	1750	25-Apr	244	1158	91	1061	1284	1797	770	1269	37
SILVER STAR MOUNTAIN	2F10	1840	30-Apr	153	659	86	650	860	1135	371	765	50
PARK MOUNTAIN	1F03P	1890	01-May	N/A	779	80	889	1043	1343	653	976	24
ENDERBY	1F04	1900	30-Apr	245	926	84	875	1250A	1430	700	1106	46

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
DOWNIE SLIDE (LOWER)	2A27	980	25-Apr	88	392	75	544	718	910	0	525	31
GLACIER	2A02	1250	28-Apr	102	468	67	627	721	1247	320	703	63
SUNWAPTA FALLS	AL11	1400					74	183	389	0	142*	38
VERMONT CREEK	2A19	1520	26-Apr	67	259	67	235	371	1026	140	388	43
AZURE RIVER	1E08P	1620	01-May	200	1157	90	1106	1372	1620	773	1280	12
DOWNIE SLIDE (UPPER)	2A29	1630	25-Apr	289	1318	93	1110	1506	2242	802	1424	30
KICKING HORSE	2A07	1650	03-May	74	255	81	240	317	589	63	316	59
KIRBYVILLE LAKE	2A25	1750	25-Apr	244	1158	91	1061	1284	1797	770	1269	37
MOUNT REVELSTOKE	2A06P	1830	01-May	N/A	968	74	1035	1346	1625	874	1304	16
FIDELITY MOUNTAIN	2A17	1870	29-Apr	226	1140	85	1231	1478	1986	817	1341	46
BEAVERFOOT	2A11	1890	26-Apr	20	62	30	90	200	495	58	207	48
KEYSTONE CREEK	2A18	1890	25-Apr	181	788	91	659	868	1421	514	863	43
GOLDSTREAM	2A16	1920	25-Apr	219	989	80	1043	1345	1781	850	1229	46
BUSH RIVER	2A23	1920	25-Apr	173	744	83	572	818	1392	492	892	41
NIGEL CREEK	AL10	1920					338	409	752	207	425*	39
MOUNT ABBOT	2A14	1980	27-Apr	238	1146	84	1175	1417	1811	853	1361	47
MOLSON CREEK	2A21P	1980	01-May	N/A	1091	101	983	1298	1677	746	1080	26
SUNBEAM LAKE	2A22	2010	25-Apr	196	899	92	828	941	1562	611	976	42
BOW SUMMIT II	AL07A	2080	26-Apr	76	265	70	248	311	597	201	380*	29

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
FERGUSON	2D02	880	27-Apr	82	353	80	364	518	773	160	444	63
FARRON	2B02A	1220	28-Apr	27	103	46	206	290	406	23	226	36
MONASHEE PASS	2E01	1370	26-Apr	41	150	52	337	362	505	67	291	49
WHATSHAN (UPPER)	2B05	1480	26-Apr	100	418	70	577	584	983	255	594	48
BARNES CREEK	2B06	1620	26-Apr	73	282	56	512	547	742	211	500	48
BARNES CREEK	2B06P	1620	01-May	N/A	371	67	574	638	818	360	554	16
ST. LEON CREEK	2B08	1800	26-Apr	224	980	73	1036	1236	1974	816	1340	42
ST. LEON CREEK	2B08P	1800	01-May	N/A	825	70	960	1106	1501	701	1181	15
KOCH CREEK	2B07	1860	26-Apr	164	676	83	575	781	1201	391	815	48
RECORD MOUNTAIN	2B09	1890	03-May	158	652	83	500	744	1278	157	783	34
EAST CREEK	2D08P	2030	01-May	N/A	765	80	660	982	1346	480	967	27

EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
FERNIE EAST	2C07	1250	29-Apr	0	0	0	118	364	541	0	191	57
SINCLAIR PASS	2C01	1370	28-Apr	0	0	0	21	95	246	0	57	62
BRUSH CREEK TIMBER	MT03	1520					91	241B	417	0	131*	58
SULLIVAN MINE	2C04	1550	29-Apr	29	86	37	222	260	518	0T	232	63
WEASEL DIVIDE	MT02	1660					676	950	1422	348	827*	69
KIMBERLEY (MIDDLE) VOR	2C12	1680	29-Apr	12	38	19	232	252	483	0	204	40
BANFIELD MOUNTAIN	MT05P	1710	01-May	51	186	40	450	510	884	127	465	12
BANFIELD MOUNTAIN	MT05	1710					450		945	142	520*	23
MOUNT JOFFRE	2C16	1750	26-Apr	65	216	56	342	335	772	180	389	40
MORRISSEY RIDGE	2C09Q	1800	01-May	N/A	450	64	592	776	1345	317	700	23
RED MOUNTAIN	MT04	1830					498	526	841	0	435*	71
MOYIE MOUNTAIN	2C10P	1930	01-May	N/A	171	49	469	537	674	18	351	29
HAWKINS LAKE	MT06	1970					693		1308	333	843*	23
HAWKINS LAKE	MT06P	1970	01-May	140	504	65	693	833	1041	353	772	12
ALLISON PASS	AL01	1980					461	475	838	281	455*	22
WILKINSON SUMMIT (BUSH)	AL03	1980					208	152	279	23	167*	20
THUNDER CREEK	2C17	2010	26-Apr	62	192	64	296	213	556	163	302	38
FLOE LAKE	2C14	2090	26-Apr	161	656	77	649	811	1369	497	856	40
FLOE LAKE	2C14P	2090	01-May	N/A	675	86	660	803	1035	481	788	14
KIMBERLEY (UPPER) VOR	2C11	2140	29-Apr	104	354	71	425	479	935	188	498	40
HIGHWOOD SUMMIT (BUSH)	AL02	2210	30-Apr	133	378	83	388	367	726	221	454*	44
MOUNT ASSINIBOINE	2C15	2230	26-Apr	134	489	81	494	510	930	339	607	40
SUNSHINE VILLAGE	AL05	2230	03-May	146	479	76	503	605	1092	338	629*	42

WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
FERGUSON	2D02	880	27-Apr	82	353	80	364	518	773	160	444	64
NELSON	2D04	930	27-Apr	0	0	0	107	314	508	0	177	54
CHAR CREEK	2D06	1310	01-May	82	328	68	420	623	838	79	480	43
SMITH CREEK	ID01	1460					879		1920	119	1043*	57
BUNCHGRASS MEADOW	WA01P	1520	01-May	147	590	86	660	787	1224	391	683	13
GRAY CREEK (LOWER)	2D05	1550	30-Apr	79	308	68	405	593	726	229	456	60
KOCH CREEK	2B07	1860	26-Apr	164	676	83	575	781	1201	391	815	49
MOUNT TEMPLEMAN	2D09	1860	26-Apr	189	844	74	872	1092	1679	731	1144	42
GRAY CREEK (UPPER)	2D10	1910	30-Apr	163	620	76	712	932	1300	505	821	40
EAST CREEK	2D08P	2030	01-May	N/A	765	80	660	982	1346	480	967	28
REDFISH CREEK	2D14P	2104	01-May	258	1223	90	889	1519	1706	889	1359*	8

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
FARRON	2B02A	1220	28-Apr	27	103	46	206	290	406	23	226	37
CARMI	2E02	1250	02-May	0	0	0	46	56	173	0	29	46
MONASHEE PASS	2E01	1370	26-Apr	41	150	52	337	362	505	67	291	50
BIG WHITE MOUNTAIN	2E03	1680	02-May	97	392	79	380	442	762	237	494	44
GRANO CREEK	2E07P	1860	01-May	N/A	458	78	435	608	806	420	584*	12
BLUEJOINT MOUNTAIN	2E06	2040					560		1201	287	775	33

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
SUMMERLAND RESERVOIR	2F02	1280	27-Apr	0	0	0	125		368	0	129	44
MC CULLOCH	2F03	1280	30-Apr	0	0	0	0	68	188	0	30	64
ABERDEEN LAKE	1F01A	1310					0	112	144	0	27	55
OYAMA LAKE	2F19	1340	30-Apr	3	7	11	95	130	185	0	66	40
POSTILL LAKE	2F07	1370	29-Apr	15	44	33	179	187	282	0	135	58
VASEUX CREEK	2F20	1400	28-Apr	0	0	0	0	52	192	0	59	39
BOULEAU LAKE	2F21	1400	01-May	31	40	13	150	252	488	95	309	38
TROUT CREEK	2F01	1430	27-Apr	19	75	81	91	141	386	0	93	62
TROUT CREEK (WEST)	2F01A	1430	27-Apr	27	112	N/A	<i>No historic record</i>					1
BRENDA MINE	2F18	1460	04-May	28	90	38	150	270	526	0Z	236	41
BRENDA MINE	2F18P	1460	01-May	N/A	87	51	179	292	292	0	171	17
ISLAHT LAKE	2F24	1480	28-Apr	44	149	53	171	272	433	64	282	28
GREYBACK RESERVOIR	2F08	1550	05-May	58	170	94	189	179	386	0	181	38
ESPERON CR (UPPER)	2F13	1650	01-May	76	270	69	254	358	805	119	391	40
ISINTOK LAKE	2F11	1680	28-Apr	17	32	23	110		437	0	137	44
MACDONALD LAKE	2F23	1740	03-May	110	388	85	316	462	650	198	459	29
MISSION CREEK	2F05P	1780	01-May	128	439	90	473	563	784	140	490	38
GRAYSTOKE LAKE	2F04	1810					240		940	120	412	38
MOUNT KOBAN	2F12	1810	01-May	90	339	105	224	230	597	53	324	44
WHITEROCKS MOUNTAIN	2F09	1830	01-May	113	446	84	348	524	1013	175	534	39
SILVER STAR MOUNTAIN	2F10	1840	30-Apr	153	659	86	650	860	1135	371	765	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
BROOKMERE	1C01	980	02-May	5	23	23	27	115	419	0	102	63
FREEZEOUT CREEK TRAIL	WA11	1070	01-May	0	0	0	196	384	658	0	175*	58
LIGHTNING LAKE	3D02	1220	26-Apr	60	193	74	232	388	599	7	260	38
HAMILTON HILL	2G06	1490	29-Apr	11	40	15	186	283	838	0	268	50
MISSEZULA MOUNTAIN	2G05	1550	29-Apr	3	6	4	104	154	323	0	154	45
ISINTOK LAKE	2F11	1680	28-Apr	17	32	23	110		437	0	137	44
LOST HORSE MOUNTAIN	2G04	1920	03-May	41	167	68	227		554	64	245	47
BLACKWALL PEAK	2G03P	1940	01-May	170	713	85	653	893	1566	375	832	42
HARTS PASS	WA09	1980	30-Apr	234	1107	96	861	1173	1847	531	1150*	66
HARTS PASS	WA09P	1980	01-May	190.5	911	85	864	1123	1669	350	1067	13

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
PALISADE LAKE	3A09	880	05-May	238	1160	78	1204	2015A	3600A	0	1479	56
PALISADE LAKE	3A09P	880	01-May	N/A	888	N/A			1268	1080	1174*	3
CALLAGHAN CREEK	3A20	1040	30-Apr	178	828	103	524	1002	1568	156	805	32
DOG MOUNTAIN	3A10	1080	05-May	205	981	79	1225	1785	2760A	122	1238	26
GROUSE MOUNTAIN	3A01	1100	26-Apr	234	1040	86	1310	1938	2870A	120	1212	60
ORCHID LAKE	3A19	1190	05-May	436	1913	94	1526	2225A	3845A	900	2030	37
ORCHID LAKE	3A19P	1190	01-May	N/A	1689	85			3862	791	1977*	21
UPPER SQUAMISH RIVER	3A25P	1340	01-May	396	1682	103		1688	2760P	990	1635	20
NOSTETUKO RIVER	3A22P	1500	01-May	40	668	121		551	1065	207	551*	18
UPPER MOSELY CREEK	3A24P	1650	01-May	71	318	124	240	221	533	143	257*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
ELK RIVER	3B04	270	05-May	0	0	#DIV/0!	0	0	0	0	0	27
WOLF RIVER (LOWER)	3B19	640	05-May	24	106	55	100	498	1118	0	192	40
UPPER THELWOOD LAKE	3B10	980	05-May	340	1650	104	1040	2056	3560A	524	1594	49
WOLF RIVER (MIDDLE)	3B18	1070	05-May	202	818	140	332	890	1652	0	584	39
FORBIDDEN PLATEAU	3B01	1130	05-May	387	1868	115	888	1886	3500A	448	1628	53
JUMP CREEK	3B23P	1160	01-May	250	1138	98	953	2004	2004	266	1159	13
WOLF RIVER (UPPER)	3B17P	1490	01-May	N/A	1926	133	838	1442	1888	439	1445	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
WEDEENE RIVER SOUTH	3C07	300					510Z	749	0	136*	25	
TAHTSA LAKE	1B02	1300	03-May	269	1210	96	1171	1194	2073	701	1258	58
TAHTSA LAKE	1B02P	1300	01-May	N/A	1332	101	1253	1317	2353	826	1320	17
BURNT BRIDGE CREEK	3C08P	1330	01-May	N/A	676	85		926	1470	450	791*	12

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
SUMALLO RIVER WEST	3D01C	790				165	371	371	0	120	18	
FREEZEOUT CREEK TRAIL	WA11	1070	01-May	0	0	0	196	384	658	0	175*	58
BEAVER PASS	WA12	1120	30-Apr	140	589	79	559	871	1600	79	744*	61
KLESILKWA	3D03A	1130				293	281	752	0	166	36	
LIGHTNING LAKE	3D02	1220	26-Apr	60	193	74	232	388	599	7	260	38
HARTS PASS	WA09	1980	30-Apr	234	1107	96	861	1173	1847	531	1150*	66
HARTS PASS	WA09P	1980	01-May	190.5	911	85	864	1123	1669	350	1067	13

PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
PACIFIC LAKE	1A11	770	26-Apr	102	433	82	755	719	950	93	530	45
WARE (LOWER)	4A04	980	28-Apr	18	49	39	225		229	0	125	43
PHILIP LAKE	4A13	980	27-Apr	41	120	60	279	253	406	0	201	46
AIKEN LAKE	4A30P	1040	01-May	N/A	98	62	270	315	315	71	157	23
TUTIZZI LAKE	4A06	1070	27-Apr	27	92	59	268	215	325	0	155	46
TSAYDAYCHI LAKE	4A12	1160	27-Apr	80	287	76	388	479	700	168	380	47
KAZA LAKE	1A12	1190	27-Apr	58	166	50	422	384	470	201	330	44
PULPIT LAKE	4A09	1310	28-Apr	89	321	80	564	472	623	287	399	45
PULPIT LAKE	4A09P	1310	01-May	N/A	283	72	616	527	646	308	394	19
FREDRICKSON LAKE	4A10	1310	27-Apr	40	107	46	306	219	358A	128	232	46
PINE PASS	4A02P	1400	01-May	N/A	893	77	1151	1338	1701	936	1165	18
TRYGVE LAKE	4A11	1400	27-Apr	96	336	91	452	390	599	272	371	46
SIKANNI LAKE	4C01	1400	28-Apr	56	166	66	390	283	404	115	252	46
PINE PASS	4A02	1400	26-Apr	226	1049	86	1151	1338	1701	936	1165	18
MORFEE MOUNTAIN	4A16	1450	26-Apr	122	525	65	861	973	1181A	410	810	39
LADY LAURIER LAKE	4A07	1460	28-Apr	131	487	92	586	653	926	305	528	47
MOUNT SHEBA	4A18	1490	26-Apr	184	810	92	1030	1058	1371	503	876	41
GERMANSEN (UPPER)	4A05	1500	27-Apr	83	280	79	372	438	597	181	355	48
MOUNT STEARNS	4A21	1500	28-Apr	38	90	63	183	165	271	0	143	36
JOHANSON LAKE	4B02	1540	27-Apr	64	177	60	364	286	433	143	295	47
MONKMAN CREEK	4A20	1550	26-Apr	127	511	83	707	569	1042	329	614	32
WARE (UPPER)	4A03	1570	28-Apr	63	164	60	325	299	402	141	273	46
KWADACHA RIVER	4A27P	1620	01-May	N/A	259	72	394	405	476	259	362*	22

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
WATSON LAKE A	YK01	700	30-Apr	0	0	0	207	112	207	0	44*	39
FRANCES RIVER	YK02	730	27-Apr	7	16	19	261	170	261	0	84*	33
DEASE LAKE	4C03	820	01-May	0	0	0	120	64	178	0T	40	43
JADE CITY	4C15	940	30-Apr	19	28	15	350	266	350	116A	189*	8
SUMMIT LAKE	4C02	1280	30-Apr	7	11	29	126	118	200A	0	38	42
SIKANNI LAKE	4C01	1400	28-Apr	56	166	66	390	283	404	115	252	46

SKEENA/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
BEAR PASS	4B11A	460					618	860	256	575	23	
NINGUNSAW PASS	4B10	690	30-Apr	0	0	0	498	457	676	0	246	34
CEDAR-KITEEN	4B18P	885	01-May	N/A	208	33	1030	732	1081	259	630*	9
TACHEK CREEK	4B06	1140	29-Apr	47	132	77	244	204A	363	55	172	40
KAZA LAKE	1A12	1190	27-Apr	58	166	50	422	384	470	201	330	44
LU LAKE	4B15	1300	30-Apr	67	222	80	378	240	528	144	261*	30
LU LAKE	4B15P	1310	01-May	119	189	81	356	319	514	79	233*	11
TSAI CREEK	4B17P	1360	01-May	N/A	1314	101	1355	1432	2082	975	1300*	12
KIDPRICE LAKE	4B01	1370	03-May	191	871	93	1105	899	1591	551	935	58
TRYGVE LAKE	4A11	1400	27-Apr	96	336	91	452	390	599	272	371	46
EQUITY MINE	4B14	1420	30-Apr	92	340	89	462	400	690	212	383	32
HUDSON BAY MTN.	4B03A	1480	28-Apr	118	410	77	595	568	795	343	532	38
SHEDIN CREEK	4B16P	1480	01-May	212	651	66	1069		1226	728	992*	12
JOHANSON LAKE	4B02	1540	27-Apr	64	177	60	364	286	433	143	295	47

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
TELEGRAPH CREEK	4D01	580	29-Apr	0	0	0	150	0	163	0	28	34
NINGUNSAW PASS	4B10	690	30-Apr	0	0	0	498	457	676	0	246	34
DEASE LAKE	4C03	820	01-May	0	0	0	120	64	178	0T	40	43

YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
ATLIN LAKE	4E02A	730	28-Apr	0	0	0	49	44	156	0	20*	24
LOG CABIN	4E01	880	27-Apr	94	345	98	513	376	531	127	352	52
PINE LK AIRSTRIP	YK03	1010	27-Apr	47	154	81	324	293	327	89	190*	34
MONTANA MTN.	YK05	1020	27-Apr	34	85	75	202	124A	202	0	113*	34
TAGISH	YK04	1080	26-Apr	40	123	110	191	154A	205	0	112*	34

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

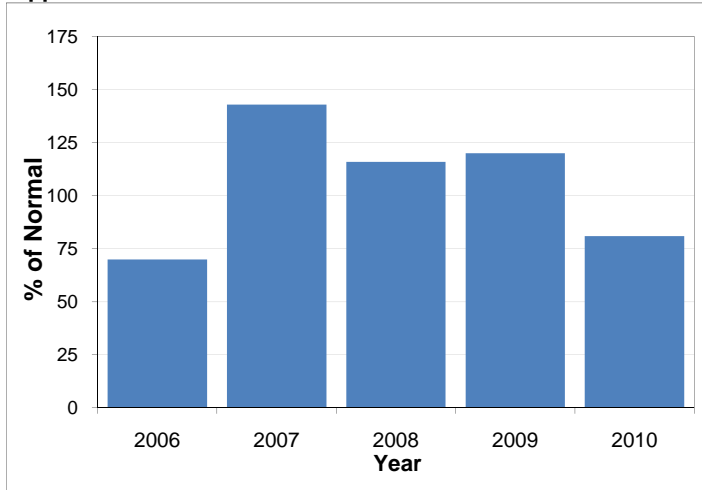
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E - ESTIMATED BASED ON AREAL AVERAGE

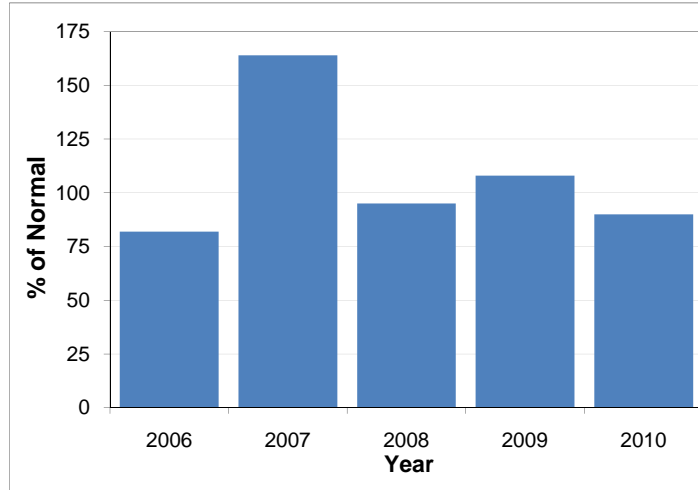
* - PERIOD OF RECORD AVERAGE

Snow Basin Index Graphs - May 1, 2010

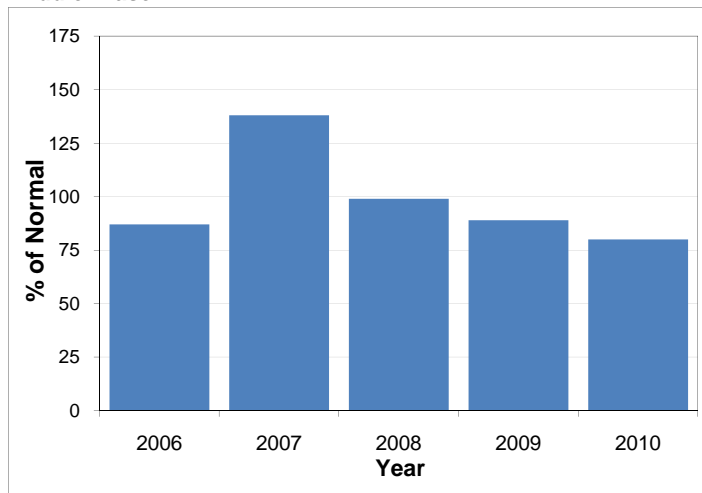
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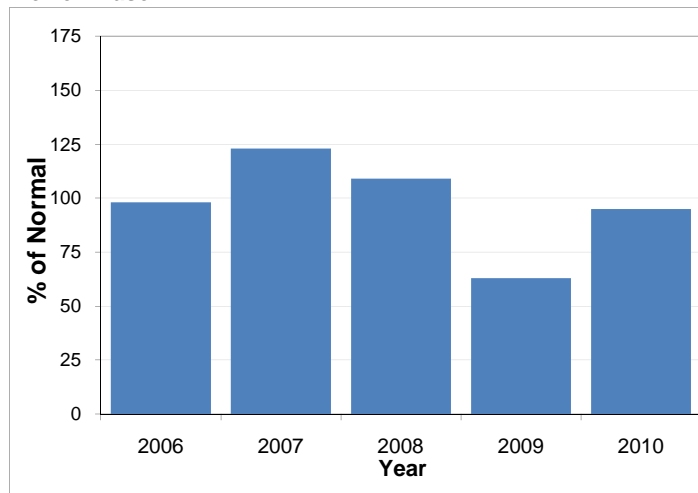
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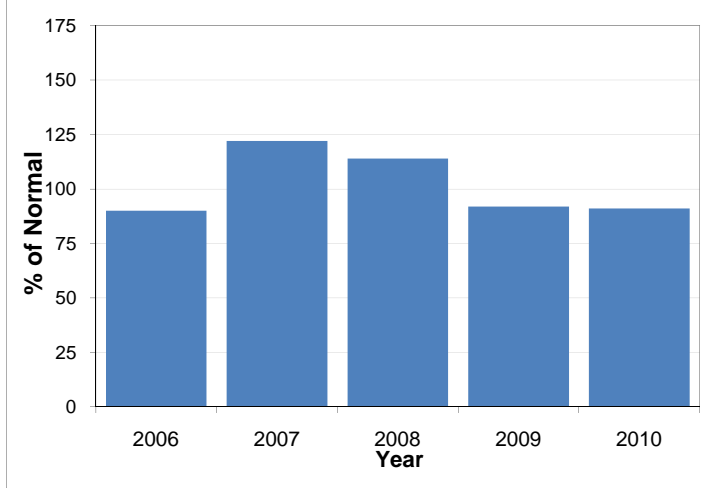
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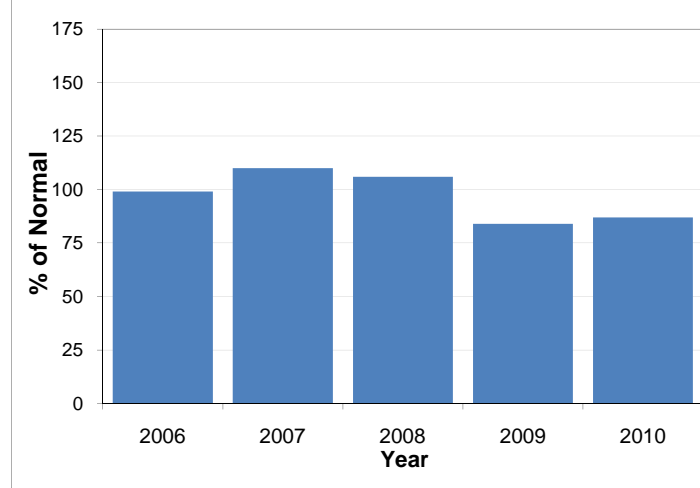
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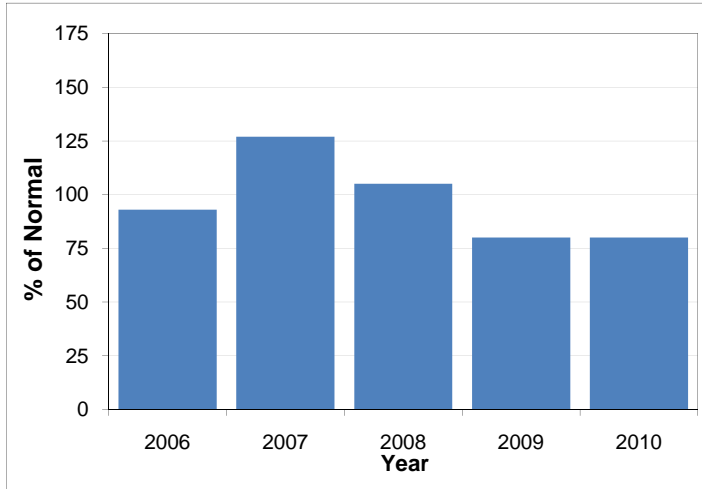
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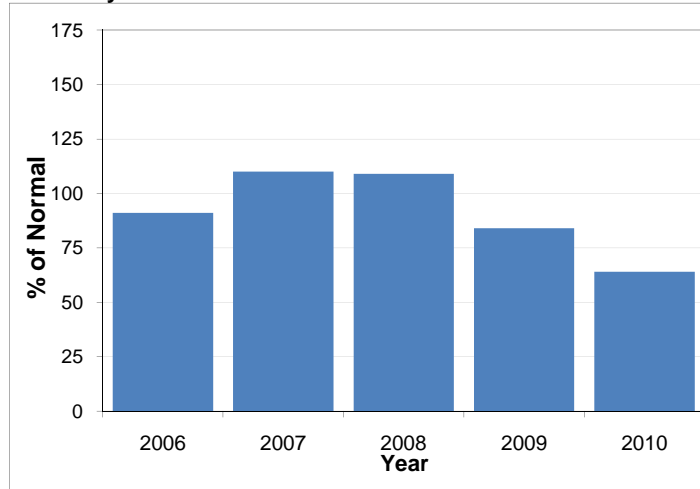
South Thompson



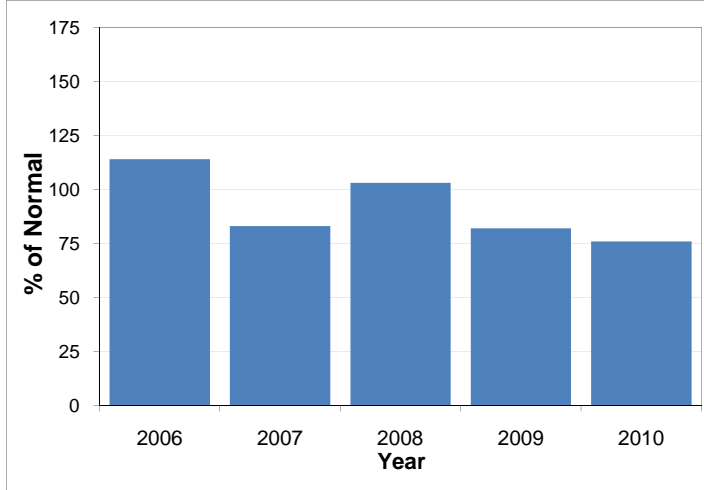
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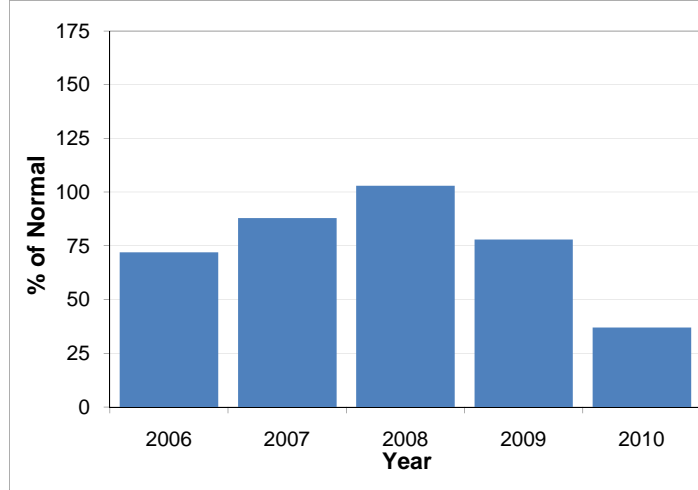
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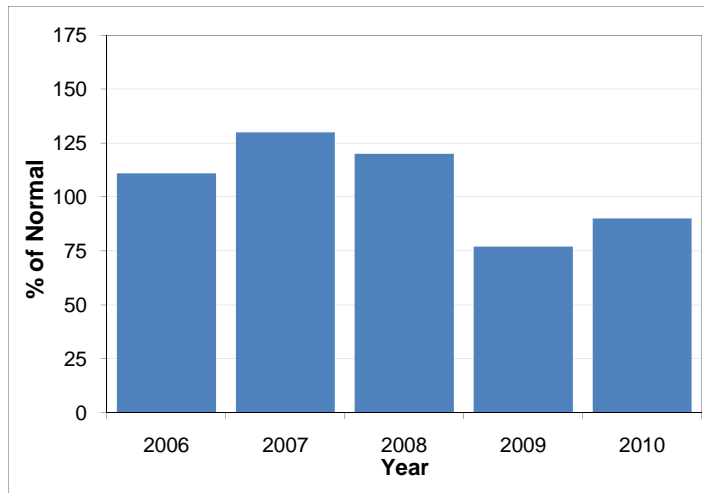
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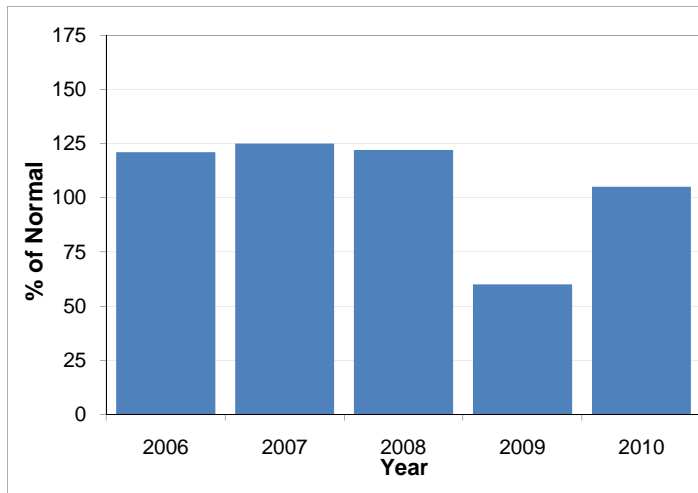
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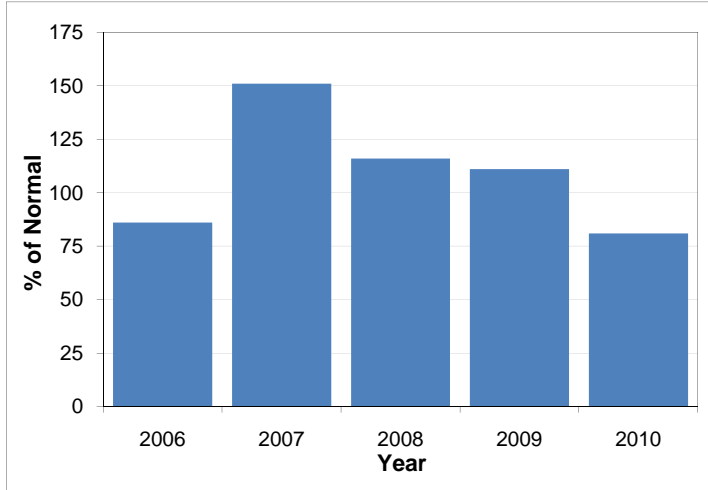
South Coast



Vancouver Island



Peace



Skeena-Nass

