

Water Supply and Snow Survey Bulletin – January 1, 2010

The January 1 snow survey is now complete. Data from 74 snow courses and 48 snow pillows around the province, with 6 out-of-province sampling locations and climate data from Environment Canada, have been used to form the basis for the following reports¹.

Weather

Weather during October for the majority of the province was warm and wet, with above normal precipitation throughout BC. In November, a series of sub-tropical storm systems brought continued moisture to the south and central coast. The central interior received close to normal precipitation, while the south east and south central BC were drier than normal. For December, a high pressure ridge brought cold temperatures to much of the province, and the drying trend continued with below normal precipitation recorded at the majority of weather stations.

Snowpack

Basin snow water indices across BC at January 1 vary from a low of 75% of normal in the Skeena-Nass basin to a high of 123% of normal in the Upper Fraser. The Middle Fraser, Lower Fraser and South Coast basins are also above normal. The Okanagan-Kettle and Similkameen basins are slightly below normal. All other basins are near normal for this survey date.

BC Snow Basin Indices – January 1, 2010

Basin	% of Normal	Basin	% of Normal
Upper Fraser	123%	Kootenay	95%
Nechako	98%	Okanagan-Kettle	86%
Middle Fraser	116%	Similkameen	86%
Lower Fraser	119%	South Coast	115%
North Thompson	110%	Vancouver Island	107%
South Thompson	98%	Peace	90%
Columbia	108%	Skeena-Nass	75%

Outlook

By this date, generally about one-half of the BC snowpack has accumulated. This first snow survey bulletin for the year is based on limited data, and more data will be available in subsequent surveys. Conditions as of January 1st do not indicate significant potential for flood or drought risk. However, given the drought conditions this past summer for the south central interior (Thompson, Okanagan, Nicola, Similkameen, Kettle, and others), an above normal snowpack by April 1st will be needed to replenish the diminished groundwater, lake and reservoir storage in those regions.

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

		Elev. metres	Date of Survey	Jan 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	
Snow Course Name and Number												
PRINCE GEORGE A	1A10	690	12/31/2009	40	68	97	57	72	156	0	70	47
PACIFIC LAKE	1A11	770	1/2/2010	134	381	123	287	306	476	56	310	26
BURNS LAKE	1A16	800					96	114	192	10	77	35
PHILIP LAKE	4A13	980	1/6/2010	69	139	93	132	175	288	48	150	27
HEDRICK LAKE	1A14	1100	1/1/2010	144	414	124	365	389	640	94	335	18
HEDRICK LAKE	1A14P	1100	1/1/2010	N/A	471	149	378		503	139	315*	9
KAZA LAKE	1A12	1190	1/6/2010	55	92	48	192	174	371	108	190	24
LU LAKE	4B15P	1310	1/1/2010	34	135	101	160	161	289	41	134*	12
MOUNT SHEBA	4A18	1490	1/2/2010	168	559	140	377	494	793	106	400	21
BARKERVILLE	1A03P	1520	1/1/2010	N/A	183E	109		128A	312	38	168	28
KNUDSEN LAKE	1A15	1580	1/1/2010	148	498	121	422		821	125	410	18
MCBRIDE (UPPER)	1A02P	1620		Not Sampled			220A	184	270	184	227*	3
REVOLUTION CREEK	1A17P	1690	1/1/2010	181	472	114		365A	814	191	415	24
LONGWORTH (UPPER)	1A05	1740	1/1/2010	159	510	146	390	526	694	114	350	19
DOMM MOUNTAIN	1A19P	1820	1/1/2010	N/A	353	98	345	341	413	341	377*	3
YELLOWHEAD	1A01P	1860	1/1/2010	N/A	412	121	259	278	428	184	340	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
SKINS LAKE	1B05	880					52	94	127	0	65	24
TAHTSA LAKE	1B02P	1300	1/1/2010	N/A	701	100	652	628	1155	369	703	17
MOUNT PONDOSY	1B08P	1400	1/1/2010	N/A	399	88	338	399	686	204	451	16
MOUNT WELLS	1B01P	1490	1/1/2010	N/A	316	96	424	293	518	131	328	17

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
GRANITE MOUNTAIN	1C33A	1150	12/30/2009	50	116	116	112	83	158	26	100	17
BRIDGE GLACIER (LOWER)	1C39	1400	12/27/2009	163	466	154	86	328	456	86	302*	14
BRALORNE	1C14	1450	12/27/2009	52	118	131	38	97	158	33	90	14
BOSS MOUNTAIN MINE	1C20P	1460	1/1/2010	N/A	336	105	266	394	461	184	320	16
LAC LE JEUNE (UPPER)	1C25	1460	12/30/2009	30	61	81	45	46	146	10	75	37
BRENDA MINE	2F18P	1460	1/1/2010	N/A	151	84		174	304	100	186	14
BARKERVILLE	1A03P	1520	1/1/2010	N/A	183	109		128A	312	38	168	28
YANKS PEAK EAST	1C41P	1670	1/1/2010	113	423	100	425	484	491	199	422	13
GREEN MOUNTAIN	1C12P	1780	1/1/2010	N/A	664	151	192	491	750	192	440	16
MCGILLIVRAY PASS	1C05	1800	12/27/2009	149	406	156	140		458	140	260	15
MISSION RIDGE	1C18P	1850	1/1/2010	N/A	324E	119	151	246	659	148	272	23
DOWNTON LAKE (UPPER)	1C38	1890	12/27/2009	202	664	156		610	690	272	425	13
TYAUGHTON CREEK (NORTH)	1C40	1950	12/27/2009	125	418	239	92	280	364	92	175	13
BRALORNE(UPPER)	1C37	1980	12/27/2009	147	472	128	116	338	504	195	368	14

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
DISAPPOINTMENT LAKE	1D18P	932	1/1/2010	N/A	682	93	392	755	1304	355	735	7
DICKSON LAKE	1D16	1070	12/28/2009	134	550	77	2120		2120	274	715*	14
DOG MOUNTAIN	3A10	1080	12/29/2009	117	548	114	360A	687	897	96	480	23
BEAVER PASS	WA12	1120	1/1/2010	132	378	121		338	615	109	312*	12
KLESILKWA	3D03A	1130	12/28/2009	26	84	45		144	386	0	185	18
SPUZZUM CREEK	1D19P	1180	1/1/2010	169	690	101	334	664	1231	326	656*	11
STAVE LAKE	1D08	1210	12/28/2009	174	746	118		2010	3150	112	630	16
WAHLEACH LAKE	1D09	1400	12/28/2009	66	224	86			417	46	260	21
WAHLEACH LAKE	1D09P	1400	1/1/2010	N/A	399	77	250	448	777	235	520	17
NAHATLATCH RIVER	1D10	1520	12/28/2009	223	850	142			2690	219	600	14
EASY PASS	WA13	1580	1/1/2010	122	488	65		1720	1651	229	755	20
CHILLIWACK RIVER	1D17P	1600	1/1/2010	178	686	92	420	675	1165	383	659*	17
TENQUILLE LAKE	1D06P	1680	1/1/2010	111	638	138	278	544	780	278	469*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
BOSS MOUNTAIN MINE	1C20P	1460	1/1/2010	N/A	336	105	266	394	461	184	320	16
MOUNT COOK	1E02P	1550	1/1/2010	228	675	120	551	881	881	439	606*	8
AZURE RIVER	1E08P	1620	1/1/2010	182	689	111	461	713	780	356	620	13
KOSTAL LAKE	1E10P	1770	1/1/2010	125	N/A	N/A	420	551	590	271	453	25

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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		
MONASHEE PASS	2E01	1370	1/07/2010	70	169	102	158	137	239	84	165	26
CELISTA	1F06P	1500	1/1/2010	164	499	112	326	446	555	326	484*	4
KIRBYVILLE LAKE	2A25	1750	12/26/2009	216	716	115	496	706	854	351	620	25
PARK MOUNTAIN	1F03P	1890	1/1/2010	N/A	346E	81	345		632	256	427	23

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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	12/26/2009	112	298	93	248	340	504	166	320	22
GLACIER	2A02	1250	12/28/2009	106	312	95	255	347	519	147	328	39
VERMONT CREEK	2A19	1520	12/29/2009	81	223	97	93	242	328	91	230	25
AZURE RIVER	1E08P	1620	1/1/2010	182	689	111	461	713	780	356	620	13
DOWNIE SLIDE (UPPER)	2A29	1630	12/26/2009	235	832	121	480		1022	370	690	21
KICKING HORSE	2A07	1650	12/29/2009	62	136	78	200	145	257	66	175	30
KIRBYVILLE LAKE	2A25	1750	12/26/2009	216	716	115	496	706	854	351	620	25
MOUNT REVELSTOKE	2A06P	1830		Not Sampled					835	317	599	14
FIDELITY MOUNTAIN	2A17	1870	12/28/2009	189	669	108	570	772	1228	334	617	35
BEAVERFOOT	2A11	1890	12/29/2009	48	110	92	42	120	215	52	120	25
KEYSTONE CREEK	2A18	1890	12/26/2009	160	509	127	306	466	577	217	400	25
GOLDSTREAM	2A16	1920	12/26/2009	185	612	102	524	784	906	355	598	25
BUSH RIVER	2A23	1920	12/26/2009	159	514	116	298	476	722	216	442	25
MOUNT ABBOT	2A14	1980	12/27/2009	197	684	111	533	756	1065	298	615	25
MOLSON CREEK	2A21P	1980	1/1/2010	N/A	679	122	458	690	1072	318	558	29
SUNBEAM LAKE	2A22	2010	12/26/2009	174	583	123	434	514	767	243	475	25

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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	12/30/2009	107	290	105	191	301	409	93	275	30
FARRON	2B02A	1220	1/6/2010	70	148	95	152	126	330	40	155	25
MONASHEE PASS	2E01	1370	1/07/2010	70	169	102	158	137	239	84	165	26
WHATSHAN (UPPER)	2B05	1480	1/07/2010	Not Sampled				276	543	169	340	20
BARNES CREEK	2B06	1620	1/07/2010	101	256	98	221	237	376	146	260	21
BARNES CREEK	2B06P	1620	1/1/2010	N/A	236	85	233		409	158	278	16
ST. LEON CREEK	2B08	1800	1/07/2010	191	682	111			1164	325	613	17
ST. LEON CREEK	2B08P	1800	1/1/2010	N/A	446	82	352	532	637	221	569	13
KOCH CREEK	2B07	1860	1/07/2010	Not Sampled					452	170	365	15
EAST CREEK	2D08P	2030	1/1/2010	N/A	450	96	326	562	858	206	470	28

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
BANFIELD MOUNTAIN	MT05P	1710	1/1/2010	66	137	72	165	203	340	112	190*	12
MOUNT JOFFRE	2C16	1750	12/29/2009	67	175	97	86	152	364	73	180	22
MORRISSEY RIDGE	2C09Q	1800	1/1/2010	N/A	278	84	206	262	706	123	331	26
MOYIE MOUNTAIN	2C10P	1930	1/1/2010	53	163	91	173	147	354	76	180	30
HAWKINS LAKE	MT06P	1970	1/1/2010	102	254	100	201	272	419	145	253*	12
THUNDER CREEK	2C17	2010	12/29/2009	59	143	106	79	88	276	61	135	24
FLOE LAKE	2C14	2090	12/29/2009	127	404	95	277	418	747	181	425	25
FLOE LAKE	2C14P	2090	1/1/2010	205	383	106	326	386	502	173	363	14
HIGHWOOD SUMMIT (BUSH)	AL02	2210	12/29/2009	86	249	119	124	144	399	97	209*	17
MOUNT ASSINIBOINE	2C15	2230	12/29/2009	95	280	97	205	249	567	111	290	26
SUNSHINE VILLAGE	AL05	2230	12/31/2009	109	291	115	232	295	389	137	252*	13

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	12/30/2009	107	290	105	191	301	409	93	275	30
NELSON	2D04	930	12/31/2009	56	151	86	152	143	366	61	175	50
CHAR CREEK	2D06	1310	1/1/2010	99	236	94	215	216	480	110	250	26
BUNCHGRASS MEADOW	WA01P	1520	1/1/2010	122	302	95	256	315	488	218	318*	12
KOCH CREEK	2B07	1860	1/07/2010	Not Sampled					452	170	365	15
MOUNT TEMPLEMAN	2D09	1860	1/07/2010	Not Sampled					902	277	530	18
EAST CREEK	2D08P	2030	1/1/2010	N/A	450	96	326	562	858	206	470	28
REDFISH CREEK	2D14P	2104	1/1/2010	N/A	611	113	357	713	721	357	562*	8

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	1/6/2010	70	148	95	152	126	330	40	155	25
MONASHEE PASS	2E01	1370	1/07/2010	70	169	102	158	137	239	84	165	26
GRANO CREEK	2E07P	1860	1/1/2010	83	180	77	169	191	315	143	227*	12

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	12/29/2009	39	82	72	69	99	198	42	114	46
BRENDA MINE	2F18P	1460	1/1/2010	N/A	151	84		174	304	100	186	14
ISINTOK LAKE	2F11	1680	12/30/2009	29	58	67	53	52	196	16	86	44
MISSION CREEK	2F05P	1780	1/1/2010	77	205	95	173	191A	364	104	215	39
GRAYSTOKE LAKE	2F04	1810	1/9/2010	50B	108B	66	118		278	96	165*	6
MOUNT KOBAY	2F12	1810					94	72	261	28	144	33

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	
MISSEZULA MOUNTAIN	2G05	1550					39	96	197	21	99*	17
ISINTOK LAKE	2F11	1680	12/30/2009	29	58	67	53	52	196	16	86	44
BLACKWALL PEAK	2G03P	1940	1/1/2010	150	416	108	221	398	923	108	397	40
HARTS PASS	WA09P	1980	1/1/2010	135	384	84	322	500	737P	234	457*	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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	3A09P	880	1/1/2010	39	176	29		561	785	337	615*	5
DOG MOUNTAIN	3A10	1080	12/29/2009	117	548	114	360A	687	897	96	480	23
GROUSE MOUNTAIN	3A01	1100	12/29/2009	129	536	112	370A	740	878	24	480	29
ORCHID LAKE	3A19	1190	1/6/2010	232	925	123		901	1360	202	750	25
ORCHID LAKE	3A19P	1178	1/1/2010	206	592	78	357	741	1306	243	760	21
SQUAMISH RIVER (UPPER)	3A25P	1340	1/1/2010	243	792	108	416	671	1072	416	730	18
NOSTETUKO RIVER	3A22P	1500	1/1/2010	48	281	106		264A	524	32	256*	17
MOSLEY CREEK (UPPER)	3A24P	1650	1/1/2010	72	258	142	203	188A	491	85	189*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	1/3/2010	0	0	0	109	112	264	0	70	25
WOLF RIVER (LOWER)	3B19	640	1/3/2010	73	196	196	154	282	372	0	100	20
WOLF RIVER (MIDDLE)	3B18	1070	1/3/2010	110	336	124	168	336	590	0	270	21
FORBIDDEN PLATEAU	3B01	1130	1/3/2010	199	701	111	299	1162	1287	0	630	27
JUMP CREEK	3B23P	1160	1/1/2010	99	430	100	304	499	1024	60	428	14
WOLF RIVER (UPPER)	3B17P	1490	1/1/2010	N/A	610	103	265	594	1057	150	595	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 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	1B02P	1300	1/1/2010	N/A	701	100	652	628	1155	369	703	17
BURNT BRIDGE CREEK	3C08P	1330	1/1/2010	N/A	480	114	525A	484A	611	131	442*	11

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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		
BEAVER PASS	WA12	1120	1/1/2010	132	378	121		338	615	109	312*	12
KLESILKWA	3D03A	1130	12/28/2009	26	84	45		144	386	0	185	18
HARTS PASS	WA09P	1980	1/1/2010	135	384	84	322	500	737P	234	457*	12

PEACE Drainage Basin

		Elev. metres	Date of Survey	Jan 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	
Snow Course Name and Number												
PACIFIC LAKE	1A11	770	1/2/2010	134	381	123	287	306	476	56	310	26
BULLHEAD MOUNTAIN	4A28	790					N/A	N/A	126	0	54	24
WARE (LOWER)	4A04	980	1/4/2010	48	80	80	116	106	240	52	100	19
PHILIP LAKE	4A13	980	1/6/2010	69	139	93	132	175	288	48	150	27
AIKEN LAKE	4A30P	1040	1/1/2010	N/A	120	87	150	116A	262	71	138	20
TUTIZZI LAKE	4A06	1070	1/6/2010	55	103	76	138	113	200	72	135	19
TSAYDAYCHI LAKE	4A12	1160	1/6/2010	84	199	93	182	248	393	128	215	26
KAZA LAKE	1A12	1190	1/6/2010	55	92	48	192	174	371	108	190	24
PULPIT LAKE	4A09	1310	1/4/2010	69	167	76	324	263	398	130	220	21
PULPIT LAKE	4A09P	1310	1/1/2010	N/A	167E	69	351	262	351	155	242	18
FREDRICKSON LAKE	4A10	1310	1/5/2010	49	77	59	132	125	250	54	130	20
PINE PASS	4A02	1399	1/2/2010	194	655	106	1700	755	1700	314	620	27
PINE PASS	4A02P	1400	1/1/2010	N/A	509	94		585	1016	241	543	19
TRYGVE LAKE	4A11	1400	1/4/2010	67	143	73	238		299	126	195	21
SIKANNI LAKE	4C01	1400	1/4/2010	49	85	59	191	137	257	44	145	26
MORFEE MOUNTAIN	4A16	1450	1/2/2010	131	395	88	416	462	710	199	450	14
LADY LAURIER LAKE	4A07	1460	1/3/2010	91	229	85	292	343	472	140	270	25
MOUNT SHEBA	4A18	1490	1/2/2010	168	559	140	377	494	793	106	400	21
GERMANSEN (UPPER)	4A05	1500	1/6/2010	71	173	89	194		364	93	194	26
MOUNT STEARNS	4A21	1500	1/3/2010	45	73	91	97	72	151	14	80	20
JOHANSON LAKE	4B02	1540	1/5/2010	58	103	64	172	132	282	84	160	26
MONKMAN CREEK	4A20	1550	1/1/2010	129	391	145	225		546	107	270	15
WARE (UPPER)	4A03	1570	1/4/2010	55	102	70	163	153	248	64	145	20
KWADACHA RIVER	4A27P	1620	1/1/2010	N/A	143	89	176	176	307	86	173*	23

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 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		
SIKANNI LAKE	4C01	1400	1/4/2010	49	85	59	191	137	257	44	145	26

SKEENA/NASS Drainage Basin

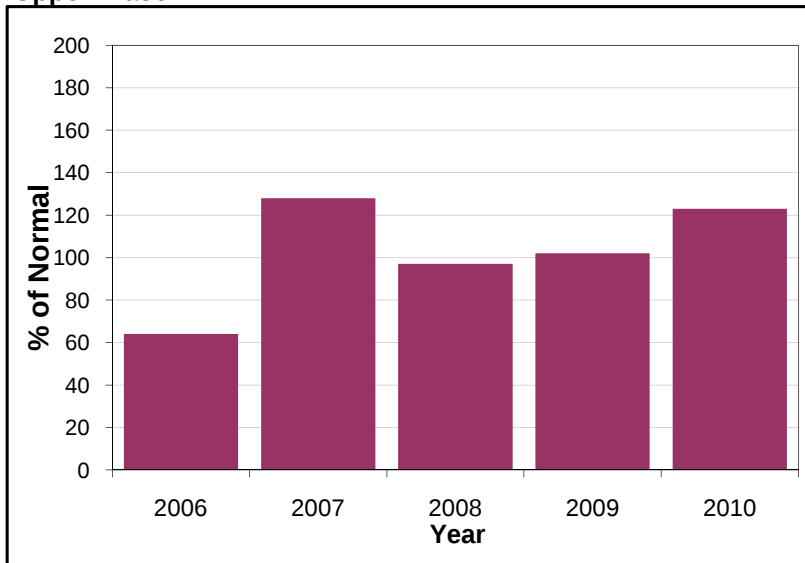
Snow Course Name and Number	Elev. metres		Jan 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
CEDAR-KITEEN	4B18P	885	1/1/2010	N/A	201	69	473	319	521	83	295*	9
KAZA LAKE	1A12	1190	1/6/2010	55	92	48	192	174	371	108	190	24
LU LAKE	4B15P	1310	1/1/2010	34	135	101	160	161	289	41	134*	12
TSAI CREEK	4B17P	1360	1/1/2010	153	592	103	654	694	908	390	589*	11
TRYGVE LAKE	4A11	1400	1/4/2010	67	143	73	238		299	126	195	21
HUDSON BAY MTN.	4B03A	1480	1/4/2010	86	261	92	290	291	470	135	283	34
SHEDIN CREEK	4B16P	1480	1/1/2010	89	326	79	530	443	551	266	419*	13
JOHANSON LAKE	4B02	1540	1/5/2010	58	103	64	172	132	282	84	160	26

STIKINE/TAKU Drainage Basin

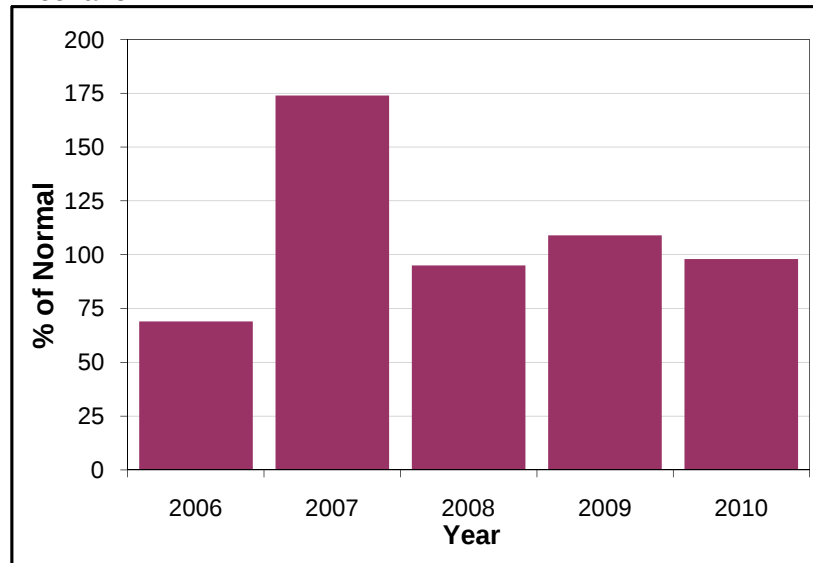
Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2010			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
NOTE: No Surveys currently done in this basin.											
A - SAMPLING PROBLEMS WERE ENCOUNTERED B - EARLY OR LATE SAMPLING C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED E - ESTIMATED BASED ON AREAL AVERAGE * - PERIOD OF RECORD AVERAGE											

Snow Basin Index Graphs - January 1, 2010

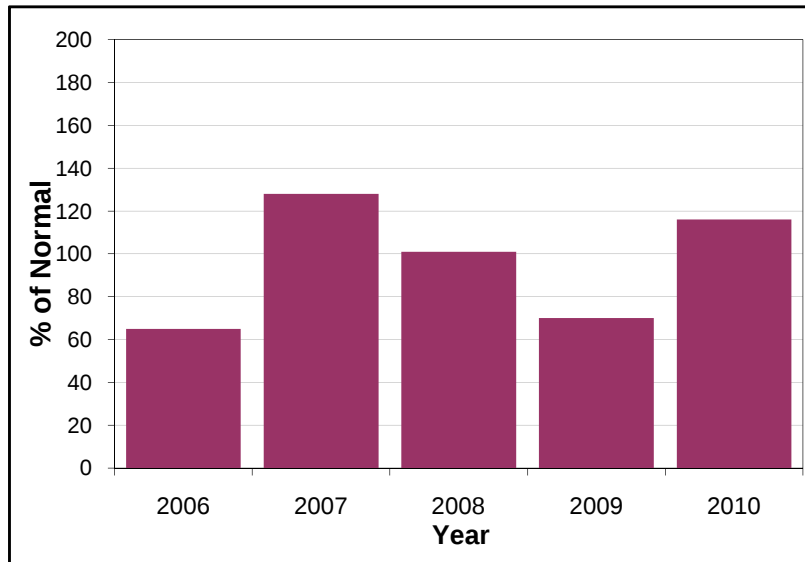
Upper Fraser



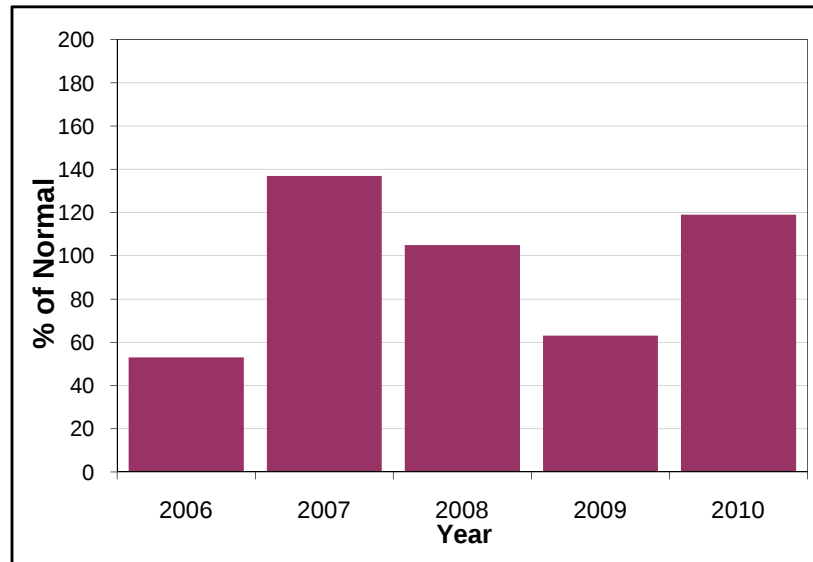
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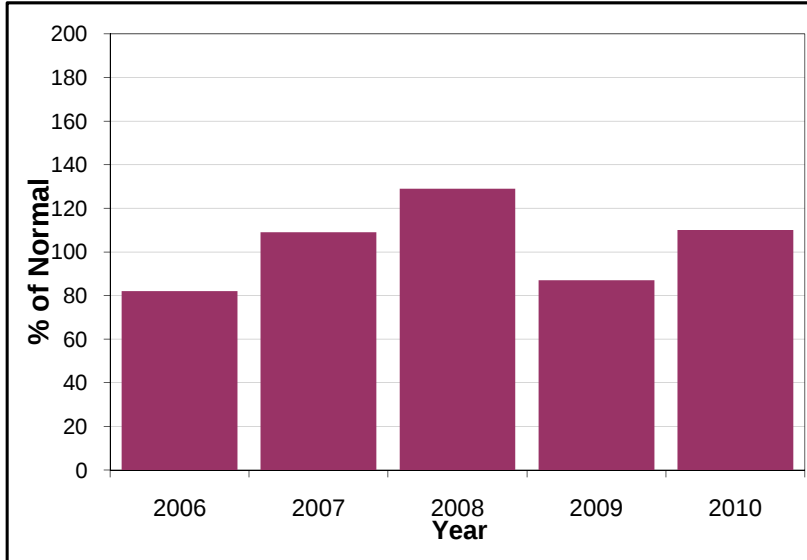
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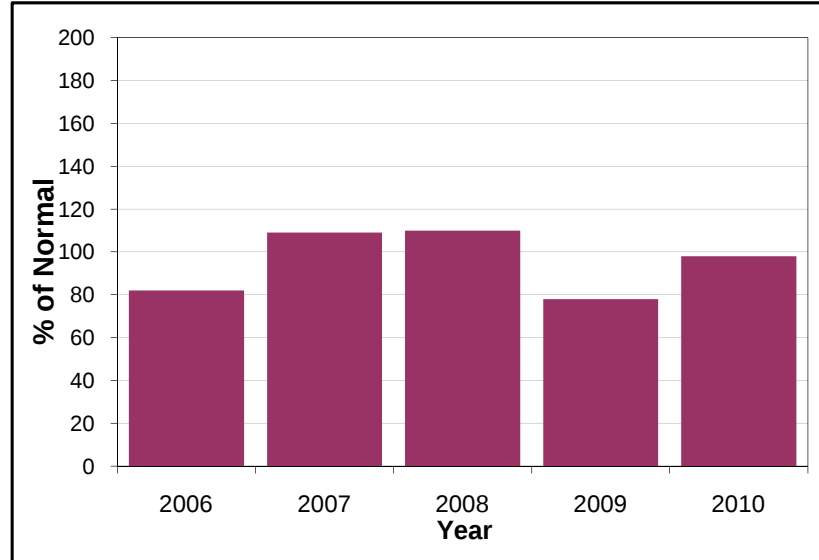
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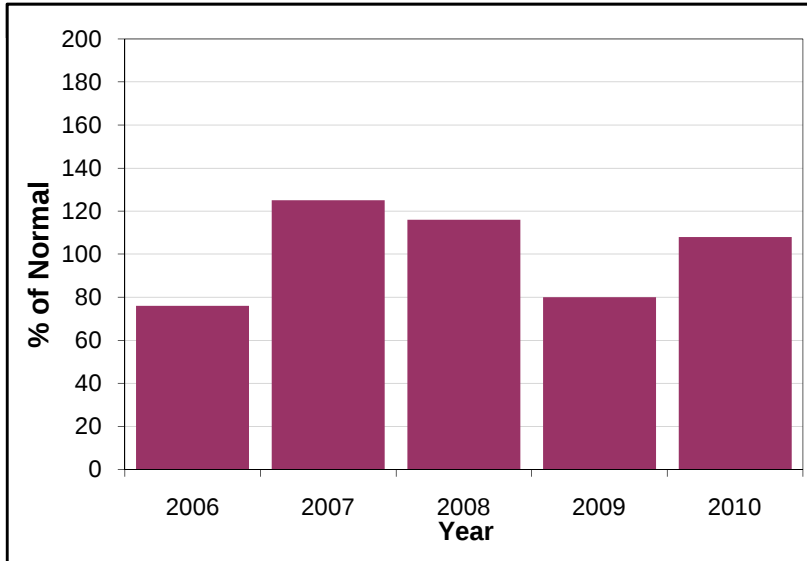
North Thompson



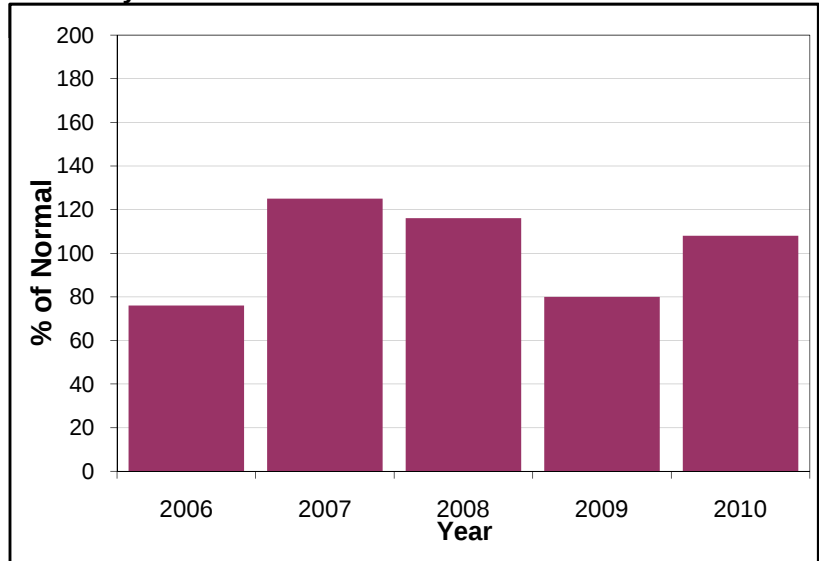
South Thompson



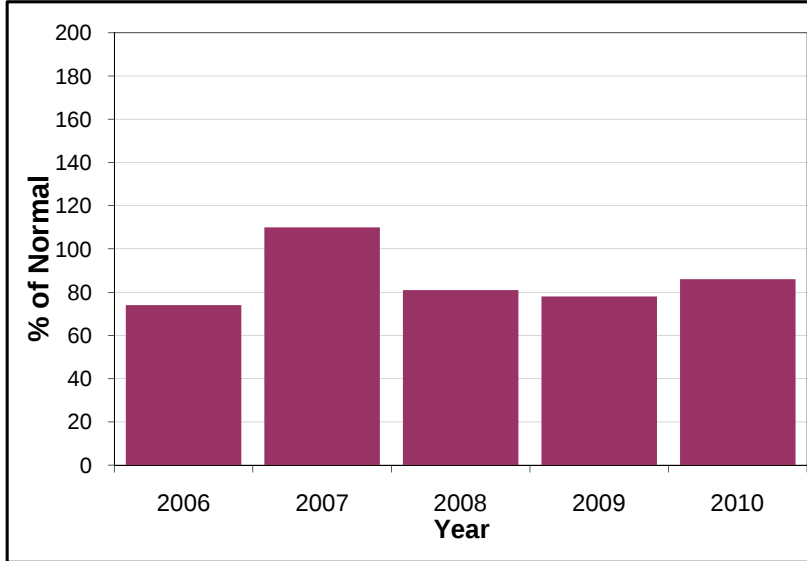
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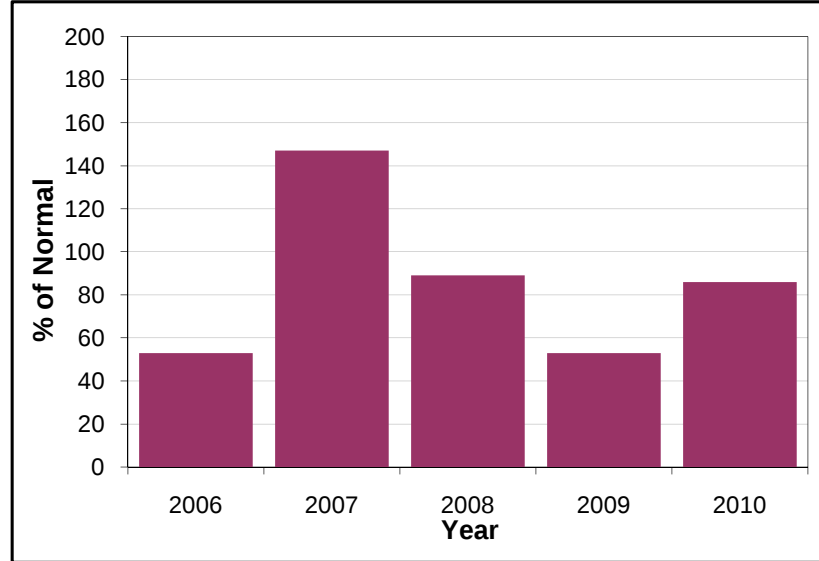
Kootenay



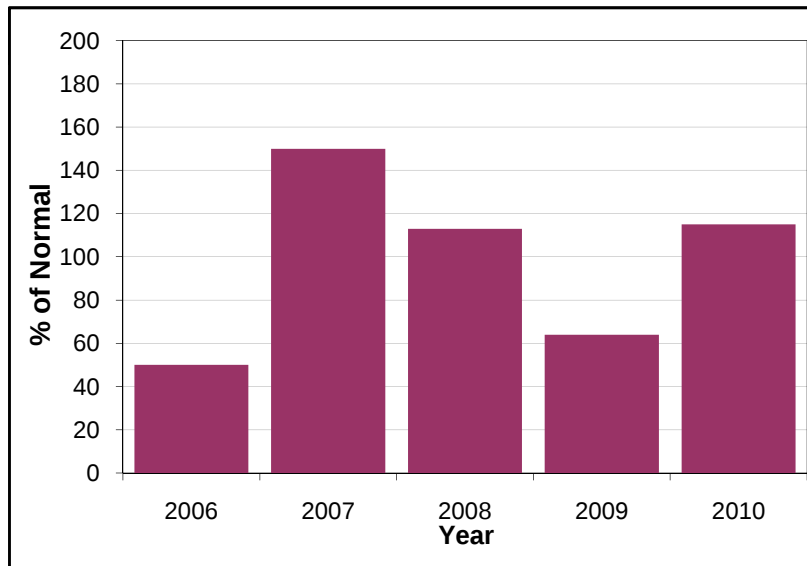
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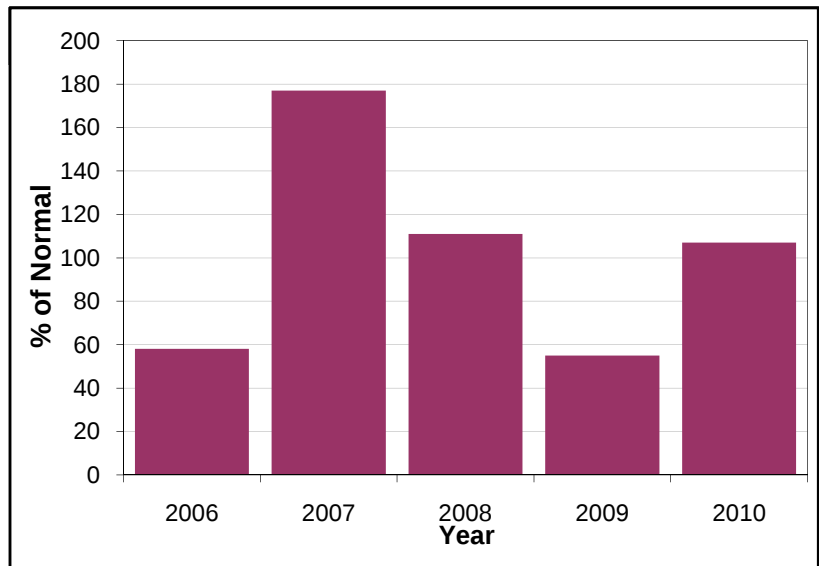
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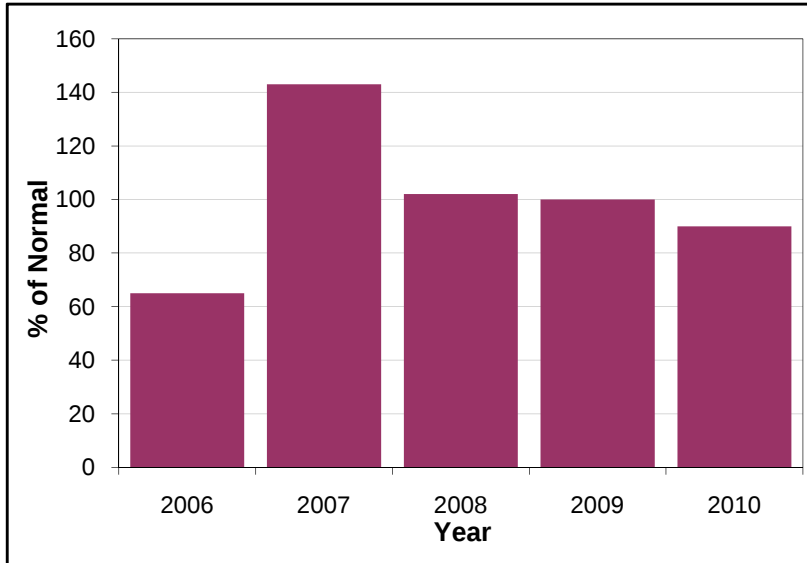
South Coast



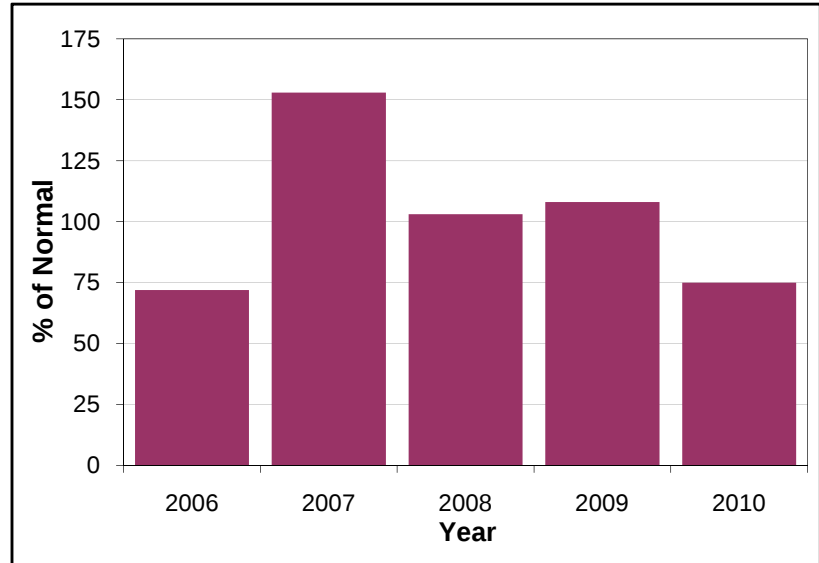
Vancouver Island



Peace



Skeena-Nass





Water Supply and Snow Survey Bulletin – February 1, 2010

The February 1 snow survey is now complete. Data from 104 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 report¹.

Weather

The winter began with authority, with heavy snowfall across almost all coastal and interior regions during October. Since then, conditions have been variable. November was generally dry across the south interior and the far north interior, wet on Vancouver Island and the South Coast and Central Coast, and with near normal precipitation throughout the central interior. Flooding occurred on Vancouver Island and in the Bella Coola valley during November as a result of Pacific frontal storms. The first three weeks of December saw a strong high pressure ridge form across central BC, resulting in cool and dry weather in most areas. Snow accumulations during December were well below normal in most of the province. Beginning just before Christmas and lasting through to today, much of central and southern BC has experienced warm weather, with well above normal temperatures. For some locations in BC, the January average temperature was the warmest on record, or close to warmest on record. Precipitation was variable during January. A series of Pacific frontal storms brought heavy rain to Vancouver Island and the South Coast (producing flooding on Vancouver Island). These storms also brought snow to high elevation areas of the coast and some interior mountains. Because the freezing elevation remained high, these storms generally brought rain to mid slopes across the South Coast. Also as a result of the unseasonably warm weather, melt of low and mid slope snow occurred across the central and south interior, including the Okanagan, Nicola, and South Thompson basins.

Snowpack

Basin snow water indices across BC at February 1 vary from a low of 73% of normal in the Similkameen basin to a high of 109% of normal in the Nechako.

The Upper Fraser, Middle Fraser, Lower Fraser, North Thompson, South Thompson, Upper Columbia, Vancouver Island and South Coast basins are near normal. The South Interior (Okanagan, Kettle, Lower Columbia, Similkameen, Kootenay) and the Skeena, Nass and Peace river basins are below normal. Although the Okanagan snow index is reported as 88% of normal, much of the west central valley (and adjacent areas of the Similkameen and Nicola valleys) are lower than that, generally in the 60-85% of normal range.

In most areas, low elevation snow is well below normal following the warm weather in January. This is generally not measured well by the BC snow survey, which is biased towards high elevation locations.

BC Snow Basin Indices – February 1, 2010

Basin	% of Normal	Basin	% of Normal
Upper Fraser	99%	Kootenay	80%
Nechako	109%	Okanagan-Kettle	88%
Middle Fraser	95%	Similkameen	73%
Lower Fraser	102%	South Coast	96%
North Thompson	105%	Vancouver Island	97%
South Thompson	97%	Peace	88%
Columbia	100%	Skeena-Nass	80%

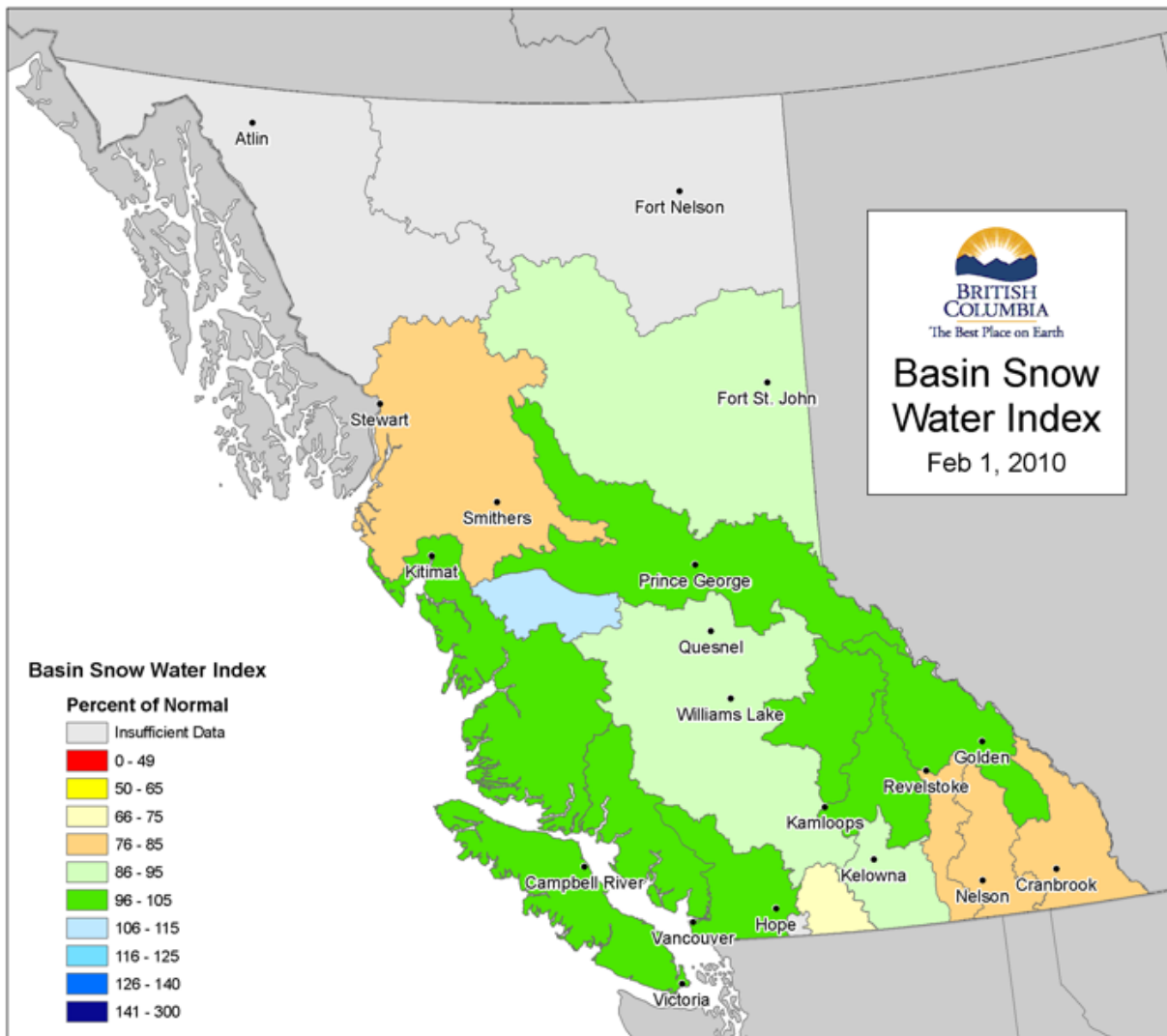
Outlook

By this date, generally about two-thirds of the BC mountain snowpack has accumulated. Conditions as of February 1st do not indicate significant potential for freshet flood risk in any of the major river basins. However, the below average snowpack conditions in the South Interior (Okanagan, Nicola, Kettle, Similkameen, South Thompson, Kootenay) indicate potential for water-supply challenges to develop in these areas again this summer as they did in 2009. The 2009 summer drought resulted in very low river levels, and depletion of lake, reservoir and groundwater storage in the South Interior (and in other parts of the province as well).

Based on current snow and weather conditions, and incorporating the dryness of 2009, the River Forecast Centre is forecasting inflows to Okanagan Lake for the Feb-July period to be 69% of normal ($\pm 19\%$), and inflows to Nicola Lake to be 63% of normal ($\pm 20\%$).

The El Niño Southern Oscillation (ENSO) is an important factor for determining seasonal weather patterns in western North America. British Columbia is currently being affected by a warm ENSO (El Niño), and the warm and dry weather over the past 6 weeks is consistent with the El Niño. Recent commentary from the National Oceanic and Atmospheric Administration (NOAA) anticipated a continuation of El Niño conditions through spring, resulting in potential for continuation of the above normal temperatures and below normal precipitation.

February 9, 2010



UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
PRINCE GEORGE A	1A10	690	01-Feb	42	104	91	122	107	224	0T	114	48
PACIFIC LAKE	1A11	770	26-Jan	126	425	94	489	403	679	179	451	42
BURNS LAKE	1A16	800	27-Jan	44	72	60	132	136	232	44	120	39
CANOE RIVER	2A01A	910	29-Jan	40	110A	122	78	73	146B	17	90	35
PHILIP LAKE	4A13	980	27-Jan	76	169	84	219	227	355	118	202	43
HEDRICK LAKE	1A14	1100	26-Jan	140	475	95	561	499	823	248	500	41
HEDRICK LAKE	1A14P	1100	01-Feb	N/A	562	110		566	716	356	511*	9
BIRD CREEK	1A23	1180	29-Jan	48	78	72	116	136	196	56	109*	19
KAZA LAKE	1A12	1190	27-Jan	72	145	61	298	232	440	125	239	39
LU LAKE	4B15P	1310	01-Feb	56	192	102	231	199	353	94	192*	11
MOUNT SHEBA	4A18	1490	26-Jan	177	603	106	590	631	932	299	570	40
BARKERVILLE	1A03P	1520	01-Feb	85	213	84	251	180	351	116	253	31
KNUDSEN LAKE	1A15	1580	26-Jan	147	520	89	636	555	899	284	584	38
MCBRIDE (UPPER)	1A02P	1620	01-Feb	N/A	N/A	N/A	311	259	446	195	296*	4
REVOLUTION CREEK	1A17P	1690	01-Feb	188	546	95	671	563	930	295	574	24
LONGWORTH (UPPER)	1A05	1740	26-Jan	165	604	109	624	694	890A	236	556	36
DOME MOUNTAIN	1A19P	1820	01-Feb	N/A	424	82	544	458	701	356	520*	4
MARMOT JASPER	AL12	1830	28-Jan	90	240	156	138	165	227	71	154*	12
YELLOWHEAD	1A01P	1860	01-Feb	N/A	493E	108	330	364	596	233	455	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
SKINS LAKE	1B05	880	30-Jan	55	72	77	67	102	224	35	94	42
TAHTSA LAKE	1B02	1300	31-Jan	248	960	117	789	828	1345	508A	821	55
TAHTSA LAKE	1B02P	1300	01-Feb	N/A	957	106	884	829	1530	613	903	16
KIDPRICE LAKE	4B01	1370	30-Jan	210	712	112	840	576	1106	420	638	52
MOUNT PONDOSY	1B08P	1400	01-Feb	N/A	546	94	460	481	872	326	578	17
MOUNT WELLS	1B01	1490	31-Jan	125	371	96	466	336	606	188	385	26
MOUNT WELLS	1B01P	1490	01-Feb	N/A	392	92	543	369	655	213	426	16
NUTLI LAKE	1B07	1490	31-Jan	142	445	116	382	364	653	227	383*	18
MOUNT SWANNELL	1B06	1620	31-Jan	83	210	100	219	220	382B	88	211*	21

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
GRANITE MOUNTAIN	1C33A	1150	26-Jan	46	119	82	165	141	217	59	145	17
BRIDGE GLACIER (LOWER)	1C39	1400	27-Jan	215	512	117	112		688	262	439*	13
BRALORNE	1C14	1450	27-Jan	51	122	88	48	131	338	0	138	39
BOSS MOUNTAIN MINE	1C20P	1460	01-Feb	N/A	384	87	390	514	574	285	440	16
LAC LE JEUNE (UPPER)	1C25	1460	28-Jan	44	103	98	74	92	177	13	105	37
BRENDA MINE	2F18	1460	27-Jan	68	183	83			386	84	220	23
BRENDA MINE	2F18P	1460	01-Feb	N/A	230	87	162	247	368	148	264	15
BARKERVILLE	1A03P	1520	01-Feb	85	213	84	251	180	351	116	253	31
YANKS PEAK EAST	1C41P	1670	01-Feb	133	506	85	682	623	761	304	595	13
GREEN MOUNTAIN	1C12P	1780	01-Feb	N/A	916E	151	238	677	985	393	605	16
MCGILLIVRAY PASS	1C05	1800	27-Jan	153	514	128	174	413	645	150	403	57
MISSION RIDGE	1C18P	1850	01-Feb	N/A	405	96	218	420	794	232	424	23
DOWNTON LAKE (UPPER)	1C38	1890	27-Jan	257	940	154	250		980	378	610	14
TYAUGHTON CREEK (NORTH)	1C40	1950					128	346	654	182	265	12
BRALORNE(UPPER)	1C37	1980	27-Jan	170	544	117	178	496	724	314	465	15

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	27-Jan	24	72	30	133		368	0	242	16
DISAPPOINTMENT LAKE	1D18P	1040	01-Feb	N/A	743	66	613	1338	1673	194	1128	8
DICKSON LAKE	1D16	1070	27-Jan	192	752	82	696		1538	206	918	16
DOG MOUNTAIN	3A10	1080	28-Jan	106	506	69	717	1243	1243	206	731	26
BEAVER PASS	WA12	1120	30-Jan	124	462	91	432	696	922	36	508*	41
KLESILKWA	3D03A	1130	27-Jan	29	84	33	250		508	0	257	53
SPUZZUM CREEK	1D19P	1180	01-Feb	203	934	84	536	1155	1804E	300	1113*	11
STAVE LAKE	1D08	1210	27-Jan	230	918A	101	504		1448	163	907	38
WAHLEACH LAKE	1D09	1400	27-Jan	95	320	81	274		815	33	396	40
WAHLEACH LAKE	1D09P	1400	01-Feb	N/A	567	73	445		1036	314	780	16
NAHATLATCH RIVER	1D10	1520	27-Jan	291	1114A	125	405		1359	262	893	35
EASY PASS	WA13	1580	26-Jan	244	1049	90		1720	2184	279	1172*	32
CHILLIWACK RIVER	1D17P	1600	01-Feb	199	908	80	863	1009	1668	368	1136*	18
TENQUILLE LAKE	1D06P	1680	01-Feb	116	912	129	383	746	1092	450	707*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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	
BOSS MOUNTAIN MINE	1C20P	1460	01-Feb	N/A	87	390	514	574	285	440	16
MOUNT COOK	1E02P	1550	01-Feb	251	108	836	1088	1088	600	830*	8
AZURE RIVER	1E08P	1620	01-Feb	214	108	638	930	998	506	835	13
KOSTAL LAKE	1E10P	1770	01-Feb	143	N/A	634	700A	764	415	620	25

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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	30-Jan	62	61	238	254	483	130A	274	50
MONASHEE PASS	2E01	1370	07-Feb	70	76	282	194	364	122	245	50
CELISTA	1F06P	1500	01-Feb	N/A	95	488	596	788	596	680*	4
KIRBYVILLE LAKE	2A25	1750	26-Jan	258	117	635	942	1160	381	810	34
SILVER STAR MOUNTAIN	2F10	1840	30-Jan	143	92	448	547	229	721	507	51
PARK MOUNTAIN	1F03P	1890	01-Feb	N/A	82	566	544	867	331	602	25
ENDERBY	1F04	1900				557	687	932	348	691	47

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
CANOE RIVER	2A01A	910	29-Jan	40	110A	122	78	73	146B	17	90	35
DOWNIE SLIDE (LOWER)	2A27	980	26-Jan	138	448	88	402	558	740	256	509	28
GLACIER	2A02	1250	01-Feb	127	431	87	468	482	828	241	494	69
FIELD	2A03A	1280	28-Jan	32	74	56	118	128	233	46	133	70
SUNWAPTA FALLS	AL11	1400	28-Jan	69	159	114	94	150	254	48B	140*	37
VERMONT CREEK	2A19	1520	27-Jan	103	326	102	175	322	574	102	320	40
AZURE RIVER	1E08P	1620	01-Feb	214	901	108	638	930	998	506	835	13
DOWNIE SLIDE (UPPER)	2A29	1630	26-Jan	292	1102	118	652	1150	1422	466	933	28
KICKING HORSE	2A07	1650	27-Jan	73	196	79	152	207	384	102	248	63
KIRBYVILLE LAKE	2A25	1750	26-Jan	258	945	117	635	942	1160	381	810	34
MOUNT REVELSTOKE	2A06P	1830	01-Feb	N/A	730E	86	671	915	1140	511	850	16
FIDELITY MOUNTAIN	2A17	1870	31-Jan	221	858	99	846	990	1376	430	867	47
BEAVERFOOT	2A11	1890	27-Jan	52	126	82	110	142	249	78	154	41
KEYSTONE CREEK	2A18	1890	26-Jan	193	675	123	409	618	866	290	548	40
GOLDSTREAM	2A16	1920	26-Jan	231	828	104	691	974	1136	460	793	41
BUSH RIVER	2A23	1920	26-Jan	195	710	119	424	580	902	292	598	41
NIGEL CREEK	AL10	1920	28-Jan	103	307	105	221	266	528	94B	291*	37
MOUNT ABBOT	2A14	1980	30-Jan	222	824	98	713	940	1209	396	842	51
MOLSON CREEK	2A21P	1980	01-Feb	N/A	855	113	642	855	1155	417	760	28
SUNBEAM LAKE	2A22	2010	26-Jan	206	744	116	563	675	886	348	642	41
MIRROR LAKE	AL06	2030	29-Jan	74	207	98	173	177	348	79	212*	42
BOW SUMMIT II	AL07A	2080	27-Jan	95	257	97	182		480	86B	262*	28

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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-Jan	127	433	103	303	411	616	237	420	38
BAIRD	WA02	980	29-Jan	38	122	80	168	201	295	20	153*	50
FARRON	2B02A	1220	28-Jan	68	184	79	204	183	346	63	232	36
MONASHEE PASS	2E01	1370	07-Feb	70	185	76	282	194	364	122	245	50
WHATSHAN (UPPER)	2B05	1480		Not Sampled				425	759	249	479	34
BARNES CREEK	2B06	1620	07-Feb	99	283	78	421	330	612	196	365	42
BARNES CREEK	2B06P	1620	01-Feb	N/A	304	80	371	319	566	195	378	17
ST. LEON CREEK	2B08	1800	07-Feb	212	756	86	715		1247	474	878	37
ST. LEON CREEK	2B08P	1800	01-Feb	N/A	615	81	607	667	1092	311	755	15
KOCH CREEK	2B07	1860		Not Sampled			362		708	203	501	34
RECORD MOUNTAIN	2B09	1890	30-Jan	151	478	99	288	456A	802	117	482	35
EAST CREEK	2D08P	2030	01-Feb	N/A	585	89	424	705	1012	274	654	29

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	28-Jan	55	164	70	126		467	51	234	55
SINCLAIR PASS	2C01	1370	04-Feb	23	38	40			208	33	96	43
SULLIVAN MINE	2C04	1550	28-Jan	59	120	55	128	182	397	46	217	64
WEASEL DIVIDE	MT02	1660	27-Jan	140	434	82	414	587	858	185	528*	26
BANFIELD MOUNTAIN	MT05P	1710	01-Feb	81	191	62	279	348	475	160	314*	12
MOUNT JOFFRE	2C16	1750	27-Jan	76	219	83	188	249	439	96	265	36
MORRISSEY RIDGE	2C09Q	1800	01-Feb	N/A	383	77	334	461	886	172	495	26
MOYIE MOUNTAIN	2C10P	1930	01-Feb	58	219	82	274	304	499	104	267	29
HAWKINS LAKE	MT06P	1970	01-Feb	127	356	90	335	475	612	201	397*	12
ALLISON PASS	AL01	1980	27-Jan	81	234	76		266	521	133	307*	19
WILKINSON SUMMIT (BUSH)	AL03	1980	27-Jan	69	91	84					108	1
THUNDER CREEK	2C17	2010	27-Jan	68	173	90	142	144	335	69	193	36
FLOE LAKE	2C14	2090	27-Jan	144	487	89	431	519	811	239	548	38
FLOE LAKE	2C14P	2090	01-Feb	N/A	446	87	435	491	731	221	510	15
HIGHWOOD SUMMIT (BUSH)	AL02	2210	28-Jan	93	264	102	190	231	480	89	260*	30
MOUNT ASSINIBOINE	2C15	2230	27-Jan	111	330	88	272	381	592	140	375	37
SUNSHINE VILLAGE	AL05	2230	01-Feb	115	333	85	340	377	678	150	391*	24

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
DUNCAN LAKE NO. 2	2D07A	650	07-Feb	29	94	70	162	148	283	60	134*	19
FERGUSON	2D02	880	27-Jan	127	433	103	303	411	616	237	420	38
NELSON	2D04	930	28-Jan	63	187	68	198	259	508	79	276	71
CHAR CREEK	2D06	1310	01-Feb	104	314	82	258	388	650	117	381	44
BUNCHGRASS MEADOW	WA01P	1520	01-Feb	142	434	88	368	495	719	259	486*	12
GRAY CREEK (LOWER)	2D05	1550	29-Jan	86	269	83	268	258	511	127	326	58
KOCH CREEK	2B07	1860		Not Sampled			362		708	203	501	34
MOUNT TEMPLEMAN	2D09	1860	27-Jan	175	620	83		738	1115	409	748	36
GRAY CREEK (UPPER)	2D10	1910	29-Jan	136	453	86	391		792	268	527	37
EAST CREEK	2D08P	2030	01-Feb	N/A	585	89	424	705	1012	274	654	29
REDFISH CREEK	2D14P	2104	01-Feb	240	840	100	529	953	1024	653	837*	8

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
GOAT CREEK	WA04	1100	29-Jan	58	137	102	107	155	224	20	134*	48
FARRON	2B02A	1220	28-Jan	68	184	79	204	183	346	63	232	36
MONASHEE PASS	2E01	1370	07-Feb	70	185	76	282	194	364	122	245	50
SUMMIT G.S.	WA05	1400	29-Jan	76	188	125	142	168	244	41	151*	48
GRANO CREEK	2E07P	1860	01-Feb	94	266	76	251	293	465	180	348*	12

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	29-Jan	58	148	85	130	146	307	65	174	45
MC CULLOCH	2F03	1280	29-Jan	42	99	79	113	90	196	63	125	73
OYAMA LAKE	2F19	1340	29-Jan	39	86	67	113	83	193	31	129	41
POSTILL LAKE	2F07	1370	29-Jan	33	99	67	135	93	243	73	147	59
TROUT CREEK	2F01	1430		Not Sampled			104	110	292	33	141	71
TROUT CREEK (WEST)	2F01A	1430	29-Jan	54	147	104	N/A	N/A	N/A	N/A	N/A	23
BRENDA MINE	2F18	1460	27-Jan	68	183	83			386	84	220	23
BRENDA MINE	2F18P	1460	01-Feb	N/A	230	87	162	247	368	148	264	28
ISLAHT LAKE	2F24	1480	29-Jan	80	200	85	134	230	364	124	235	28
GREYBACK RESERVOIR	2F08	1550	05-Feb	60	173	108	165	114A	269	60	160	39
ISINTOK LAKE	2F11	1680	28-Jan	42	102	77	90	79	307	26	133	44
MACDONALD LAKE	2F23	1740	27-Jan	100	290	91			411	132	320	14
MUTTON CREEK NO. 1	WA07	1740	28-Jan	109	272	111	91	269B	480	43	245*	44
MISSION CREEK	2F05P	1780	01-Feb	93	271	87	266	248	495	152	312	38
GRAYSTOKE LAKE	2F04	1810	28-Jan	80	200	87		178Z	324	128	229*	10
MOUNT KOBAL	2F12	1810	30-Jan	86	242	120	121	154	373	43	201	43
SILVER STAR MOUNTAIN	2F10	1840	30-Jan	143	466	92	448	547	229	721	507	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	
FREEZEOUT CREEK TRAIL	WA11	1070	30-Jan	48	152	68	251	274	462	13	223*	39
HAMILTON HILL	2G06	1490	07-Feb	59	158	61	108	167	411	91	258	46
MISSEZULA MOUNTAIN	2G05	1550	07-Feb	53	110	63	65	120	284	60	174	43
ISINTOK LAKE	2F11	1680	28-Jan	42	102	77	90	79	307	26	133	44
LOST HORSE MOUNTAIN	2G04	1920	01-Feb	36	122	74		76A	335	70	165	48
BLACKWALL PEAK	2G03P	1940	01-Feb	154	525	88	454	563	1076	159	595	42
HARTS PASS	WA09	1980	29-Jan	206	739	95	518	871	1328	246	776*	54
HARTS PASS	WA09P	1980	01-Feb	175	597	89	544	721	1005P	305	668*	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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 3A09P	880	01-Feb	43	284	38	557	132	790	132	745*	2
DOG MOUNTAIN 3A10	1080	28-Jan	106	506	69	717	1243	1243	206	731	26
GROUSE MOUNTAIN 3A01	1100	02-Feb	138	564	74	726	1160	1530Z	50	762	60
ORCHID LAKE 3A19	1190	28-Jan	298	1160	102	675		1855	408	1141	30
ORCHID LAKE 3A19P	1190	01-Feb	264	941	77	597	1371	1859	396	1215*	21
UPPER SQUAMISH RIVER 3A25P	1340	01-Feb	304	1151	112	671	1163	1510	555	1025	18
NOSTETUKO RIVER 3A22P	1500	01-Feb	55	439	107		422A	780	120	406*	19
UPPER MOSELY CREEK 3A24P	1650	01-Feb	95	294	128	221	209A	509	101	229*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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					183	238	544	0	96	50
WOLF RIVER (LOWER) 3B19	640	27-Jan	80	244	98	174	572	572	0	248	37
WOLF RIVER (MIDDLE) 3B18	1070	27-Jan	147	440	110	176	684	742	0	401	38
FORBIDDEN PLATEAU 3B01	1130	27-Jan	271	995	104	433	1504	1640	42	955	54
JUMP CREEK 3B23P	1160	01-Feb	111	425	60	458	1140	1331	8	710	14
WOLF RIVER (UPPER) 3B17P	1490	01-Feb	N/A	985	112	411	1030	1371	162	881	20

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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	31-Jan	248	960	117	789	828	1345	508A	821	55
TAHTSA LAKE 1B02P	1300	01-Feb	N/A	957	106	884	829	1530	613	903	16
BURNT BRIDGE CREEK 3C08P	1330	01-Feb	N/A	562	94	800A	608A	1024	240	596*	12

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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	27-Jan	24	72	30	133		368	0	242	16
FREEZEOUT CREEK TRAIL	WA11	1070	30-Jan	48	152	68	251	274	462	13	223*	39
BEAVER PASS	WA12	1120	30-Jan	124	462	91	432	696	922	36	510*	41
KLESILKWA	3D03A	1130	27-Jan	29	84	33	250		508	0	257	53
HARTS PASS	WA09	1980	29-Jan	206	739	95	518	871	1328	246	781*	54
HARTS PASS	WA09P	1980	01-Feb	175	597	89	544	721	1005P	305	668*	12

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 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-Jan	126	425	94	489	403	679	179	451	42
WARE (LOWER)	4A04	980	29-Jan	56	113	84	182	134	286	63	135	41
PHILIP LAKE	4A13	980	27-Jan	76	169	84	219	227	355	118	202	43
AIKEN LAKE	4A30P	1040	01-Feb	N/A	135	69	218	188	330	116	197	23
TUTIZZI LAKE	4A06	1070	27-Jan	67	136	73	199	168	348	109	186	41
TSAYDAYCHI LAKE	4A12	1160	27-Jan	99	248	90	258	299	507	146	276	42
KAZA LAKE	1A12	1190	27-Jan	72	145	61	298	232	440	125	239	39
PULPIT LAKE	4A09	1310	28-Jan	100	224	75	430	314	530	190	298	38
PULPIT LAKE	4A09P	1310	01-Feb	N/A	256	83	463	326	405	232	310	19
FREDRICKSON LAKE	4A10	1310	28-Jan	59	114	64	200	157	309	110	179	41
PINE PASS	4A02P	1400	01-Feb	N/A	675	91	776	829	1241	469	745	18
TRYGVE LAKE	4A11	1400	28-Jan	90	201	78	322		434	183	258	39
SIKANNI LAKE	4C01	1400	29-Jan	64	132	71	240	188	325	81	185	40
PINE PASS	4A02	1430	31-Jan	221	804	99	915	961	1194	411	804	38
MORFEE MOUNTAIN	4A16	1450	31-Jan	149	510	85	579	622	952	323	599	41
LADY LAURIER LAKE	4A07	1460	31-Jan	124	353	99	390	407	635	226	357	38
MOUNT SHEBA	4A18	1490	26-Jan	177	603	106	590	631	932	299	570	40
GERMANSEN (UPPER)	4A05	1500	27-Jan	87	221	92	244	251	371	140	239	41
MOUNT STEARNS	4A21	1500	31-Jan	50	90	89	116	94	196	40	101	35
JOHANSON LAKE	4B02	1540	27-Jan	70	144	69	234	186	355	115	208	39
MONKMAN CREEK	4A20	1550	26-Jan	131	414	101	378	275	775	163	409	31
WARE (UPPER)	4A03	1570	29-Jan	67	143	79	204	167	289	108	182	39
KWADACHA RIVER	4A27P	1620	01-Feb	N/A	191	82	289	248	371	139	237*	24

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 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	
SIKANNI LAKE 4C01	1400	29-Jan	64	132	71	240	188	325	81	185	40

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres		Feb 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	29-Jan	89	300	59		294	821	192	505	24
CEDAR-KITEEN	4B18P	885	01-Feb	N/A	256	55	786	405	709	259	464*	8
TACHEK CREEK	4B06	1140	29-Jan	54	161	101	173		298	99	160	13
KAZA LAKE	1A12	1190	27-Jan	72	145	61	298	232	440	125	239	39
LU LAKE	4B15P	1310	01-Feb	56	192	102	231	199	353	94	192*	11
TSAL CREEK	4B17P	1360	01-Feb	208	835	104	907	855	1227	619	803*	12
KIDPRICE LAKE	4B01	1370	30-Jan	210	712	112	840	576	1106	420	638	52
TRYGVE LAKE	4A11	1400	28-Jan	90	201	78	322		434	183	258	39
HUDSON BAY MTN.	4B03A	1480	29-Jan	128	346	91	385	370	665	221	379	38
SHEDIN CREEK	4B16P	1480	01-Feb	121	436	71	760	578	720	491	614*	13
JOHANSON LAKE	4B02	1540	27-Jan	70	144	69	234	186	355	115	208	39

STIKINE/TAKU Drainage Basin

[illegible]

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

* - PERIOD OF RECORD AVERAGE



Water Supply and Snow Survey Bulletin – March 1, 2010

The March 1 snow survey is now complete. Data from 152 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 report¹.

Weather

Weather has been variable over the winter, with the effects of a moderate El Niño dominating weather across much of the province for the past two months. Beginning near Christmas and lasting through to today, much of central and southern BC has experienced warm weather, with well above normal temperatures. For some locations in BC, the January and/or February average temperature was the warmest on record, or close to the warmest on record. As a result of the unseasonably warm weather, melt of low and mid slope snow occurred in most areas of the Coast and Interior.

Precipitation was variable during January, with a series of Pacific frontal storms bringing heavy rain to Vancouver Island and the South Coast (producing flooding on Vancouver Island). Some small parts of the very southern parts of BC, including Penticton and the south Okanagan, appeared to be in the path of January's frontal storms, and received above normal precipitation during January, but precipitation was generally well below normal throughout most of the interior. February brought a similar pattern, with near normal or slightly below normal precipitation on Vancouver Island and the South Coast, but with well below normal precipitation throughout most of the interior. Castlegar, in the West Kootenay, experienced the lowest February snowfall ever recorded (based on a 45-year record). The Skeena and Nass basins have been particularly dry. Precipitation at Terrace from October 1st to Feb 28th was the lowest of record for that period (based on a 55-year record).

Snowpack

Snowpacks in all major river basins across B.C. are below normal for March 1st, varying from a low of 65% of normal in the East Kootenay basin to a high of 95% of normal in the North Thompson. Basin snow water indices have declined steadily over the last two months across the province, following the warm and dry January and February.

In most areas, low elevation snow is generally absent and mid-elevation snow throughout Interior valleys is well below normal, following the warm weather of January and February. This is generally not measured well 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 are likely to indicate greater snow water in some basins than is actually present.

Upper Fraser: Individual snow courses range from 63% of normal (Kaza Lake) to 105% (McBride Upper), with an overall basin index of 92%.

Nechako: Similar to the Upper Fraser, with an overall basin index of 88%.

Mid Fraser: Individual snow courses range from 48% of normal (Deadman River) to 127% (Green Mountain snow pillow), with an overall basin index of 91%. High elevation portions of the Quesnel Highland and the Fraser Plateau appear to be near 65-90%. Some portions of the Bridge River basin have been affected by January's frontal storms, and have localized heavier snowpacks.

North Thompson: Individual snow courses range from 62% of normal (Knouff Lake) to 107% (Mount Cook snow pillow), with an overall basin index of 95%.

South Thompson: Individual snow courses range from 59% of normal (Anglemeont) to 103% (Celista snow pillow), with an overall basin index of 94%.

Upper Columbia: Individual snow courses range from 56% of normal (Field) to 107% (Downie Slide), with an overall basin index of 88%.

Lower Columbia: The Lower Columbia is very dry. Individual snow courses range from 72% of normal (St. Leon Creek) to 90% (Record Mountain), with an overall basin index of 77%.

East Kootenay: The east Kootenay is very dry. Individual snow courses range from 35% of normal (Sinclair Pass) to 83% (Floe Lake), with an overall basin index of 65%.

West Kootenay: The West Kootenay is very dry. Individual snow courses range from 53% of normal (Nelson) to 94% (Redfish Creek snow pillow), with an overall basin index of 77%.

Kettle: The Kettle basin is very dry. Individual snow courses range from 66% of normal (Monashee pass) to 90% (Big White Mountain), with an overall basin index of 75%.

Okanagan: The Okanagan basin is dry. Individual snow courses range from 43% of normal (Vaseux Creek) to 119% (Mount Kobau), with an overall basin index of 86%. A portion of the South Okanagan (approximately Penticton and south) appears to have near or above normal snow at high elevation, while the rest of the Okanagan is below normal.

Similkameen: The Similkameen basin is very dry. Individual snow courses range from 51% of normal (Hamilton Hill) to 78% (Blackwall Peak snow pillow), with an overall basin index of 67%.

South Coast: Individual snow courses range from 53% of normal (Dog Mountain) to 108% (Upper Mosley snow pillow), with an overall basin index of 84%. The Metro Vancouver north shore basins appear to be in the 55-90% of normal range, with the highest amounts at high elevation.

Vancouver Island: There are very few snow measurement sites on Vancouver Island. Individual snow courses range from 60% of normal (Jump Creek snow pillow) to 117% (Wolf River Middle), with an overall basin index of 89%.

Peace: The Peace is very dry. Individual snow courses range from 62% of normal (Aiken Lake snow pillow) to 88% (Monkman Creek), with an overall basin index of 79%.

Skeena / Nass: The Skeena, Nass and Bulkley river basins are very dry. Individual snow courses range from 45% of normal (Cedar-Kiteen snow pillow) to 102% (Tsai Creek snow pillow), with an overall basin index of 73%.

BC Snow Basin Indices – March 1, 2010

Basin	% of Normal ¹	Basin	% of Normal ¹
Upper Fraser	92%	Kootenay	71%
Nechako	94%	Okanagan-Kettle	86%
Middle Fraser	91%	Similkameen	67%
Lower Fraser	88%	South Coast	84%
North Thompson	95%	Vancouver Island	89%
South Thompson	94%	Peace	79%
Columbia	83%	Skeena-Nass	73%

Outlook

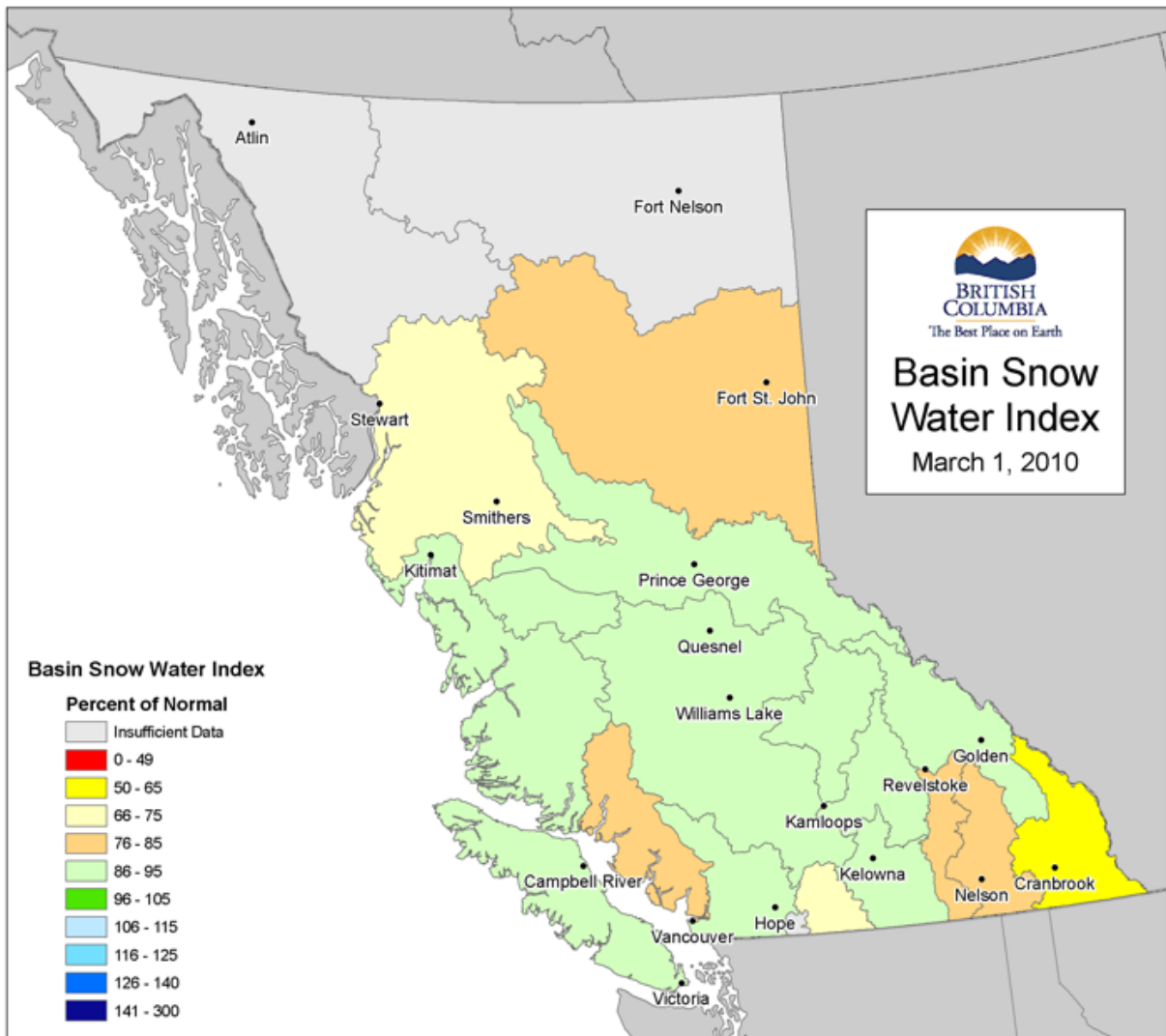
By this date, generally about 80% of the BC mountain snowpack has accumulated, and there is only 4-6 weeks of winter remaining to accumulate additional snow. Conditions as of March 1st indicate a likelihood of below normal freshet runoff during May and June, and low risk for freshet flooding risk in the major river basins (Fraser, Thompson, Skeena, Nass, Peace, etc.). The below average snowpack conditions across much of the Interior (Okanagan, Nicola, Kettle, Similkameen, South Thompson, Kootenay, Skeena, Nass, Peace) indicate potential for water-supply challenges to develop this summer. To reduce the potential for summer low flow or drought problems, spring rainfall (April, May and June) will need to be at or above normal. In the case of the South Interior (Okanagan, Nicola, Kettle, Similkameen, South Thompson), current snow conditions suggest the potential to redevelop conditions similar to the 2009 summer drought (which resulted in very low river levels, and depletion of lake, reservoir and groundwater storage in the South Interior and in other parts of the province), should the spring weather remain dry.

Based on current snow and weather conditions, and incorporating the dryness of 2009, the River Forecast Centre is forecasting inflows to Okanagan Lake for the Feb-July period to be 69% of normal ($\pm 19\%$), and inflows to Nicola Lake to be 63% of normal ($\pm 20\%$).

The El Niño Southern Oscillation (ENSO) is an important factor for determining seasonal weather patterns in western North America. British Columbia is currently being affected by a warm ENSO (El Niño), and the warm and dry weather over the past 10 weeks is consistent with the El Niño. Recent commentary from the National Oceanic and Atmospheric Administration (NOAA) anticipated a continuation of El Niño conditions through spring, resulting in potential for continuation of the above normal temperatures and below normal precipitation.

March 8, 2010

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	Mar 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		
HANSARD	1A06A	610	02-Mar	41	126	64	243	206	396	44	196	37
PRINCE GEORGE A	1A10	690	27-Feb	36	108	79	162	132	296	0	136	48
PACIFIC LAKE	1A11	770	28-Feb	141	487	86	728	633	832	277	569	47
BURNS LAKE	1A16	800	24-Feb	49	98	69	148	156	250	60	143	38
CANOE RIVER	2A01A	910	01-Mar	34	102A	90	110	101	251	19	113	69
PHILIP LAKE	4A13	980	25-Feb	80	200	79	229	291	400	138	252	46
HEDRICK LAKE	1A14	1100	28-Feb	151	509	82	793	725	954	327	618	42
HEDRICK LAKE	1A14P	1100	01-Mar	168	614	94	844	788	919	386	656*	10
BIRD CREEK	1A23	1180	27-Feb	55	118	90	148	148	232	72	131*	20
KAZA LAKE	1A12	1190	25-Feb	79	187	63	343	336	478	186	297	44
LU LAKE	4B15	1300	26-Feb	89	240	89	272	242	412	122	269	31
LU LAKE	4B15P	1310	01-Mar	59	218	81	263	247	402	116	269	11
EQUITY MINE	4B14	1420	26-Feb	111	324	92	386	314	546	190	351	32
MOUNT SHEBA	4A18	1490	28-Feb	184	684	96	808	871	1123	394	715	39
BARKERVILLE	1A03P	1520	01-Mar	87	246	77	300	266	479	150A	319	31
MC BRIDE (UPPER)	1A02	1580	26-Feb	112	379	105	333	351	594	169	361	56
KNUDSEN LAKE	1A15	1580	28-Feb	158	548	76	840	797	1098	404	722	39
MCBRIDE (UPPER)	1A02P	1620	01-Mar	119	365	97	360	356	525	259	375*	4
REVOLUTION CREEK	1A17P	1690	01-Mar	190	582	84	763	773	1119	336	696	24
LONGWORTH (UPPER)	1A05	1740	28-Feb	168	654	97	794	832	1104	307	674	51
DOM MOUNTAIN	1A19	1820	26-Feb	156	541	83	646	658	981	318	650	36
DOM MOUNTAIN	1A19P	1820	01-Mar	N/A	465	72	630	634	859	450	643*	4
MARMOT JASPER	AL12	1830	02-Mar	85	251	130	160	177	314	91	193*	26
YELLOWHEAD	1A01P	1860	01-Mar	129	509	102	379	454	720	266	499	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	
SKINS LAKE	1B05	880	26-Feb	52	109	95	86	118	226	54	115	46
TAHTSA LAKE	1B02	1300	26-Feb	280	991	97	960	1056	1504	571	1025	58
TAHTSA LAKE	1B02P	1300	01-Mar	N/A	1085	100	1027	1091	1719	661	1084	16
KIDPRICE LAKE	4B01	1370	26-Feb	208	767	96	954	808	1252	429	802	57
MOUNT PONDOSY	1B08P	1400	01-Mar	N/A	616	87	539	606	994	360	710	17
MOUNT WELLS	1B01	1490	27-Feb	125	414	89	513	424	886	244	464	57
MOUNT WELLS	1B01P	1490	01-Mar	N/A	426	86	616	469	738	244	495	17
NUTLI LAKE	1B07	1490	27-Feb	137	460	100	467	434	717	229	462*	19
MOUNT SWANNELL	1B06	1620	27-Feb	85	239	94	334	244	446	132	254*	21

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	
PUNTZI MOUNTAIN	1C22	940	01-Mar	24	64	102	50	36	128	0	63	39
BROOKMERE	1C01	980	28-Feb	45	109	56	64	160	351	53	194	65
NAZKO	1C08	1070	03-Mar	29	62	78	98	72	155	0	80	33
BIG CREEK	1C21	1140	28-Feb	14	32	58	66	30	112	0	55	38
GRANITE MOUNTAIN	1C33A	1150	25-Feb	54	136	83	196	211	254	87	164	17
DUFFEY LAKE	1C28	1200	27-Feb	127	422	92	334	452	762	194	459	31
BRIDGE GLACIER (LOWER)	1C39	1400	04-Mar	202	714	142	146	472	954	146	502*	15
DEADMAN RIVER	1C32	1430	28-Feb	27	50	48	120	96	191	44	105	26
BRALORNE	1C14	1450	04-Mar	57	165	98	67	97	363	0	169	46
SHOVELNOSE MOUNTAIN	1C29	1450	27-Feb	72	197	78	117	183	398	100	253	29
BOSS MOUNTAIN MINE	1C20P	1460	01-Mar	N/A	464	91	473	600	735	308	511	16
LAC LE JEUNE (UPPER)	1C25	1460	25-Feb	45	114	85	80	83	213	13A	134	37
BRENDA MINE	2F18	1460	25-Feb	80	256	89	160	240	495	130	287	41
BRENDA MINE	2F18P	1460	01-Mar	N/A	286E	84	198	288	431	184	342	17
HIGHLAND VALLEY	1C09A	1510	04-Mar	43	88	99	68	64	229	25A	89	44
BARKERVILLE	1A03P	1520	01-Mar	87	246	77	300	266	479	150A	319	31
HORSEFLY MOUNTAIN	1C13A	1550	01-Mar	123	392	94	504	472	624	238	418	37
GNAWED MOUNTAIN	1C19	1580	02-Mar	54	128	115	62	110	259	15	111	42
MOUNT TIMOTHY	1C17	1660	26-Feb	92	254	89	305	315	468	141	285	47
YANKS PEAK EAST	1C41P	1670	01-Mar	142	564	81	777	754	900	398	700	13
PENFOLD CREEK	1C23	1680	26-Feb	204	793	96	766	888	1132	453	828	34
GREEN MOUNTAIN	1C12P	1780	01-Mar	N/A	988	127	311	762	1259	311	754	16
MCGILLIVRAY PASS	1C05	1800	04-Mar	162	588	113	260	443	1016	222	522	58
MISSION RIDGE	1C18P	1850	01-Mar	N/A	436	85	282	490	866	269	515	23
DOWNTON LAKE (UPPER)	1C38	1890	04-Mar	236	946	125	302	732	1250	302	755	15
TYAUGHTON CREEK (NORTH)	1C40	1950	04-Mar	151	570	155	180	366	916	180	368	15
BRALORNE(UPPER)	1C37	1980	04-Mar	166	624	99	268	440	944	268	631	15

LOWER FRASER Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Mar 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	05-Mar	2	7	4	193	338	442	44	271	18
BROOKMERE	1C01	980	28-Feb	45	109	56	64	160	351	53	194	65
DISAPPOINTMENT LAKE	1D18P	1040	01-Mar	N/A	881	78			1746	300P	1123*	8
CALLAGHAN CREEK	3A20	1040	01-Mar	182	740	96	440	925A	1260	200	770	32
DICKSON LAKE	1D16	1070	05-Mar	192	842	67	910	1810	1814	322	1263	17
DOG MOUNTAIN	3A10	1080	25-Feb	125	538	53	843	1412	2146Z	256	1016	26
BEAVER PASS	WA12	1120	27-Feb	132	467	72	465	836	1298	30	646*	61
KLESILKWA	3D03A	1130	05-Mar	13	47	16		342	759	0	296	57
SPUZZUM CREEK	1D19P	1180	01-Mar	237	1054	88	713	1545	1909	341	1200*	10
DUFFEY LAKE	1C28	1200	27-Feb	127	422	92	334	452	762	194	459	31
STAVE LAKE	1D08	1210	03-Mar	250	1060	82	731	1542	2500A	304	1285	42
WAHLEACH LAKE	1D09	1400	05-Mar	100	351	66	333	613	1072	86	528	43
WAHLEACH LAKE	1D09P	1400	01-Mar	N/A	664	70	558	1030	1213	451	955	17
NAHATLATCH RIVER	1D10	1520	05-Mar	296	1320	111	585	1215	2380A	400	1194	41
EASY PASS	WA13	1580			Not sampled		889	1727	2913	478	1638*	39
CHILLIWACK RIVER	1D17P	1600	01-Mar	239	1095	95	994	1373	1703	506	1153*	16
TENQUILLE LAKE	1D06P	1680	01-Mar	121	1023	131	484	881	1227	518	782*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	24-Feb	71	241	83	328	318	411	179	290	27
KNOUFF LAKE	1E05	1200	01-Mar	27	82	62	125	136	284	36	133	51
BOSS MOUNTAIN MINE	1C20P	1460	01-Mar	N/A	464	91	473	600	735	308	511	16
MOUNT COOK	1E02P	1550	01-Mar	273	1046	107	919	1324	1324	680	981*	9
AZURE RIVER	1E08P	1620	01-Mar	219	969	99	743	1110	1335	548	980	13
ADAMS RIVER	1E07	1720	26-Feb	160	608	106	490	644Z	892	262	575	39
KOSTAL LAKE	1E10P	1770	01-Mar	197	633	86	716	836	1019	477	733	25
TROPHY MOUNTAIN	1E03A	1860	27-Feb	129	433	96	470	524Z	778	216	453	35

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	27-Feb	66	198	59	301	355	635	160	337	53
ABERDEEN LAKE	1F01A	1310						106	231	51	145	56
MONASHEE PASS	2E01	1370	03-Mar	68	201	66	315	258	442	149	306	50
BOULEAU LAKE	2F21	1400	27-Feb	91	190	64	166	216	432A	165	295	39
CELISTA	1F06P	1500	01-Mar	198	769	98	589	725A	923	589	782*	5
ADAMS RIVER	1E07	1720	26-Feb	160	608	106	490	644Z	892	262	575	39
KIRBYVILLE LAKE	2A25	1750	28-Feb	265	1014	103	820	1086	1476	526	986	36
SILVER STAR MOUNTAIN	2F10	1840	02-Mar	146	562	88	502	649	912	347	636	51
PARK MOUNTAIN	1F03P	1890	01-Mar	N/A	613	83	679	698	1021	383	739	25
ENDERBY	1F04	1900			Not Sampled		701	819	1200	440	859	46

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	
CANOE RIVER	2A01A	910	01-Mar	34	102A	90	110	101	251	19	113	69
DOWNIE SLIDE (LOWER)	2A27	980			Not Sampled		532	662	1018	378	631	29
GLACIER	2A02	1250	28-Feb	131	473	75	550	665	952	251	631	70
FIELD	2A03A	1280	01-Mar	31	90	56	140	171	248	53	162	70
SUNWAPTA FALLS	AL11	1400	02-Mar	72	176	106	137	174	277	79	166*	38
VERMONT CREEK	2A19	1520	23-Feb	95	305	76	218	381	643	152	400	43
AZURE RIVER	1E08P	1620	01-Mar	219	969	99	743	1110	1335	548	980	13
DOWNIE SLIDE (UPPER)	2A29	1630	28-Feb	307	1214	107	846	1252	2120	614	1139	30
KICKING HORSE	2A07	1650	25-Feb	78	228	74	214	273	462	140	308	63
KIRBYVILLE LAKE	2A25	1750	28-Feb	265	1014	103	820	1086	1476	526	986	36
MOUNT REVELSTOKE	2A06P	1830	01-Mar	N/A	821	81	773	1133	1487	537	1014	15
FIDELITY MOUNTAIN	2A17	1870	27-Feb	233	979	91	966	1258	1703	534	1081	47
BEAVERFOOT	2A11	1890	23-Feb	52	124	65	122	158	333	80A	192	48
KEYSTONE CREEK	2A18	1890	28-Feb	190	707	102	488	781	1277	357	696	41
GOLDSTREAM	2A16	1920	28-Feb	230	879	91	832	1129	1351	553	968	46
BUSH RIVER	2A23	1920	28-Feb	183	724	100	416	688	1078	281	727	42
NIGEL CREEK	AL10	1920	02-Mar	102	336	94	277	333	655	135	358*	38
MOUNT ABBOT	2A14	1980	25-Feb	209	900	86	816	1162	1448	508	1051	50
MOLSON CREEK	2A21P	1980	01-Mar	N/A	893	103	724	1047	1215	437	865	26
SUNBEAM LAKE	2A22	2010	28-Feb	198	788	101	655	794	1117	389	780	41
MIRROR LAKE	AL06	2030	25-Feb	76	203	81	181	213	483	122	251*	43
BOW SUMMIT II	AL07A	2080	24-Feb	92	265	84	230	281	533	124	315*	30

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	02-Mar	121	441	82	397	490	796	283	539	58
BAIRD	WA02	980	23-Feb	41	124	67		208	368	0	184*	50
FARRON	2B02A	1220	26-Feb	76	223	76			450	79	295	35
MONASHEE PASS	2E01	1370	03-Mar	68	201	66	315	258	442	149	306	50
WHATSHAN (UPPER)	2B05	1480	03-Mar	128	421	69	509	513	918	285	611	47
BARNES CREEK	2B06	1620	03-Mar	99	307	69	451	415	634	251	447	48
BARNES CREEK	2B06P	1620	01-Mar	N/A	341	78	461	439	682	229	440	16
ST. LEON CREEK	2B08	1800	03-Mar	216	814	74	820	1040	1621	500	1098	40
ST. LEON CREEK	2B08P	1800	01-Mar	N/A	701	72	720	881	1392	416	974	16
KOCH CREEK	2B07	1860	03-Mar	163	605	97	411	596	996	269	625	44
RECORD MOUNTAIN	2B09	1890	01-Mar	165	564	90	356	596	1136	147	628	34
EAST CREEK	2D08P	2030	01-Mar	N/A	615	78	503	844	1167	312	790	29

EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Mar 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		
KISHENEHN	MT01	1190	28-Feb	36	84	40		259	399	36	209*	63
FERNIE EAST	2C07	1250	28-Feb	54	151	48	197	348	584	61	313	59
SINCLAIR PASS	2C01	1370	27-Feb	21	44	35		112	262	48	126	63
BRUSH CREEK TIMBER	MT03	1520	26-Feb	56	157	71	292	272	432	86	222*	55
SULLIVAN MINE	2C04	1550	26-Feb	60	134	50	166	254	465	53	268	64
WEASEL DIVIDE	MT02	1660	26-Feb	147	518	72	556	721	1257	254	724*	51
KIMBERLEY (MIDDLE) VOR	2C12	1680	01-Mar	50	129	53	155	229	386	97	242	40
BANFIELD MOUNTAIN	MT05P	1710	01-Mar	81	209	56		472	663	188	371*	11
MOUNT JOFFRE	2C16	1750	23-Feb	80	219	67	227	268	551	122	329	38
MORRISSEY RIDGE	2C09Q	1800	01-Mar	N/A	401	65	412	604	1074	232	620	26
MOYIE MOUNTAIN	2C10P	1930	01-Mar	61	245	72	312	424	653	149	338	30
HAWKINS LAKE	MT06P	1970	01-Mar	127	389	77		612	881	254	507*	11
ALLISON PASS	AL01	1980	26-Feb	86	252	66	259	384	625	189	382*	27
WILKINSON SUMMIT (BUSH)	AL03	1980	26-Feb	74	94	57	114		307	62	165*	17
THUNDER CREEK	2C17	2010	23-Feb	74	181	76	152	175	378	91	239	39
FLOE LAKE	2C14	2090	23-Feb	144	543	82	521	615	993	279	665	40
FLOE LAKE	2C14P	2090	01-Mar	N/A	473	77	499	608	889	254	614	15
KIMBERLEY (UPPER) VOR	2C11	2140	01-Mar	95	303	78	223	364	696	152	390	41
HIGHWOOD SUMMIT (BUSH)	AL02	2210	01-Mar	96	285	90	226	272	455	145	315*	31
MOUNT ASSINIBOINE	2C15	2230	23-Feb	113	358	79	321	418	680	185	454	40
SUNSHINE VILLAGE	AL05	2230	02-Mar	113	362	75	408	478	770	211	484*	39

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	
DUNCAN LAKE NO. 2	2D07A	650					194	192	263	72	144*	19
FERGUSON	2D02	880	02-Mar	121	441	82	397	490	796	283	539	58
NELSON	2D04	930	01-Mar	58	186	53	254	336	558	140	353	70
CHAR CREEK	2D06	1310	01-Mar	114	347	73	322	496	754	231	476	42
BUNCHGRASS MEADOW	WA01P	1520	01-Mar	168	511	84	447	587	1049	318	609*	12
GRAY CREEK (LOWER)	2D05	1550	26-Feb	90	287	71		376	663	201	406	58
KOCH CREEK	2B07	1860	03-Mar	163	605	97	411	596	996	269	625	44
MOUNT TEMPLEMAN	2D09	1860	23-Feb	174	668	71			1534	490	935	37
GRAY CREEK (UPPER)	2D10	1910	26-Feb	142	502	77	477	676	955	343	651	38
EAST CREEK	2D08P	2030	01-Mar	N/A	615	78	503	844	1167	312	790	29
REDFISH CREEK	2D14P	2104	01-Mar	242	919	96	608	1201	1256	761	957*	8

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	
GOAT CREEK	WA04	1100	25-Feb	48	147	91		188	300	0	162*	46
FARRON	2B02A	1220	26-Feb	76	223	76			450	79	295	35
CARMI	2E02	1250	06-Mar	35	98	67	152	88	274	56	147	47
MONASHEE PASS	2E01	1370	03-Mar	68	201	66	315	258	442	149	306	50
SUMMIT G.S.	WA05	1400	25-Feb	81	224	115		208	305	63	195*	45
BIG WHITE MOUNTAIN	2E03	1680	05-Mar	117	384	90	304	348	676	213	426	44
GRANO CREEK	2E07P	1860	01-Mar	108	315	76	296	398	634	206	415*	12

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	25-Feb	68	174	81	128	187	381	97	214	49
MC CULLOCH	2F03	1280	01-Mar	46	127	81	223	115	249	71	157	70
ABERDEEN LAKE	1F01A	1310						106	231	51	145	55
OYAMA LAKE	2F19	1340	01-Mar	44	110	70	135	116	241	73	157	40
POSTILL LAKE	2F07	1370	01-Mar	43	116	62	152	121	274	98	186	60
VASEUX CREEK	2F20	1400	03-Mar	22	60	43	86	72	284	52	139	39
BOULEAU LAKE	2F21	1400	27-Feb	91	190	64	166	216	432A	165	295	39
TROUT CREEK	2F01	1430	25-Feb	61	172	102	141	154	335	55	169	70
TROUT CREEK (WEST)	2F01A	1430	24-Feb	58	196	N/A	No historic record					1
BRENDA MINE	2F18	1460	25-Feb	80	256	89	160	240	495	130	287	41
BRENDA MINE	2F18P	1460	01-Mar	N/A	286E	84	198	288	431	184	342	17
ISLAHT LAKE	2F24	1480	25-Feb	91	230	73	163	287	497	161	317	28
GREYBACK RESERVOIR	2F08	1550	03-Mar	61	192	97	184	154	312	91	198	43
ESPERON CR (UPPER)	2F13	1650	26-Feb	95	260	70	206	284	635	157	371	41
ISINTOK LAKE	2F11	1680	25-Feb	48	116	71	92	89	358	53	164	45
MACDONALD LAKE	2F23	1740	25-Feb	117	346	88	225	387	583	170	394	33
MUTTON CREEK NO. 1	WA07	1740	26-Feb	114	320	104		325	589	0	307*	65
MISSION CREEK	2F05P	1780	01-Mar	101	308	79	330	349	610	206	388	38
GRAYSTOKE LAKE	2F04	1810						230Z	605	128	330	29
MOUNT KOBAN	2F12	1810	28-Feb	105	308	119	164	195	488	61	259	44
WHITEROCKS MOUNTAIN	2F09	1830	28-Feb		Not sampled		248	464	809	180	499	54
SILVER STAR MOUNTAIN	2F10	1840	02-Mar	146	562	88	502	649	912	347	636	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	28-Feb	45	109	56	64	160	351	53	194	65
FREEZEOUT CREEK TRAIL	WA11	1070	26-Feb	46	132	49	229	312	615	15	269*	60
LIGHTNING LAKE	3D02	1220	27-Feb	68	184	65	201	314	497	36	282	36
HAMILTON HILL	2G06	1490	27-Feb	61	166	51	149	247	676	102	326	48
MISSEZULA MOUNTAIN	2G05	1550	26-Feb	54	128	58	88	145	363	76	221	46
ISINTOK LAKE	2F11	1680	25-Feb	48	116	71	92	89	358	53	164	45
LOST HORSE MOUNTAIN	2G04	1920	02-Mar	45	158	77	154	135	508	92	204	47
BLACKWALL PEAK	2G03P	1940	01-Mar	154	566	78	484	739	1323	213	728	42
HARTS PASS	WA09	1980	25-Feb	201	746	80	668	1021	1636	312	931*	59
HARTS PASS	WA09P	1980	01-Mar	170	674	84	620	902	1320A	356	805*	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	01-Mar	148	736	62	791	1613	3150A	95	1183	55
PALISADE LAKE	3A09P	880	01-Mar	44	272	N/A	Historic record unavailable					
CALLAGHAN CREEK	3A20	1040	01-Mar	182	740	96	440	925A	1260	200	770	32
DOG MOUNTAIN	3A10	1080	25-Feb	125	538	53	843	1412	2146Z	256	1016	26
GROUSE MOUNTAIN	3A01	1100	01-Mar	147	590	59	968	1542	2320A	143	997	59
ORCHID LAKE	3A19	1190	01-Mar	335	1399	89	860	1780	2960A	444	1568	35
ORCHID LAKE	3A19P	1190	01-Mar	329	1156	74			3093	417	1560*	20
UPPER SQUAMISH RIVER	3A25P	1340	01-Mar	347	1326	96		1384	2301	574	1380	19
NOSTETUKO RIVER	3A22P	1500	01-Mar	56	458	92		533	852	165	500*	19
UPPER MOSELY CREEK	3A24P	1650	01-Mar	97	298	112	233	228	555	98	267*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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					238	217	546	0	114	49
WOLF RIVER (LOWER)	3B19	640	25-Feb	69	274	79	196	578	1064	0	347	39
UPPER THELWOOD LAKE	3B10	980					736	1834	2440A	126	1204	49
WOLF RIVER (MIDDLE)	3B18	1070	25-Feb	173	624	117	260	756	1344	20	532	39
FORBIDDEN PLATEAU	3B01	1130	25-Feb	327	1350	106	652	1752	2730A	101	1279	54
JUMP CREEK	3B23P	1160	01-Mar	140	589	60	589	1451	2016	64	977	14
WOLF RIVER (UPPER)	3B17P	1490	01-Mar	N/A	1301	110	564	1213	1777	195	1178	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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						729	817	119	407*	24
TAHTSA LAKE	1B02	1300	26-Feb	280	991	97	960	1056	1504	571	1025	58
TAHTSA LAKE	1B02P	1300	01-Mar	N/A	1085	100	1027	1091	1719	661	1084	16
BURNT BRIDGE CREEK	3C08P	1330	01-Mar	N/A	609	87		806	1148	274	697*	11

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	05-Mar	2	7	4	193	338	442	44	271	18
FREEZEOUT CREEK TRAIL	WA11	1070	26-Feb	46	132	49	229	312	615	15	268*	60
BEAVER PASS	WA12	1120	27-Feb	132	467	72	465	836	1298	30	646*	61
KLESILKWA	3D03A	1130	05-Mar	13	47	16		342	759	0	296	57
LIGHTNING LAKE	3D02	1220	27-Feb	68	184	65	201	314	497	36	282	36
HARTS PASS	WA09	1980	25-Feb	201	746	80	668	1021	1636	312	931*	59
HARTS PASS	WA09P	1980	01-Mar	170	674	84	620	902	1320A	356	805*	12

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	28-Feb	141	487	86	728	633	832	277	569	47
WARE (LOWER)	4A04	980	26-Feb	62	139	85	225		246	97	164	45
PHILIP LAKE	4A13	980	25-Feb	80	200	79	229	291	400	138	252	46
AIKEN LAKE	4A30P	1040	01-Mar	N/A	150	62	248	248	363	150	252	23
TUTIZZI LAKE	4A06	1070	25-Feb	73	167	73	243	253	386	140	230	46
TSAYDAYCHI LAKE	4A12	1160	25-Feb	106	285	83	288	409	540	166	342	46
KAZA LAKE	1A12	1190	25-Feb	79	187	63	343	336	478	186	297	44
PULPIT LAKE	4A09	1310	26-Feb	105	264	74	527	438	531	233	357	45
PULPIT LAKE	4A09P	1310	01-Mar	N/A	283	78	518	454	518	271	361	19
FREDRICKSON LAKE	4A10	1310	25-Feb	61	134	63	238	235	315	129	214	45
PINE PASS	4A02P	1400	01-Mar	N/A	728	79	864	1073	1485	600	921	18
TRYGVE LAKE	4A11	1400	25-Feb	88	224	71	384	376	453	211	315	45
SIKANNI LAKE	4C01	1400	26-Feb	66	140	61	302	264	335	107	229	44
PINE PASS	4A02	1430	27-Feb	239	890	89	1041	1316	1502	480	1005	46
MORFEE MOUNTAIN	4A16	1450	24-Feb	141	509	69	661	819	1166	312	739	42
LADY LAURIER LAKE	4A07	1460	26-Feb	122	373	85	486	509	662	255	438	43
MOUNT SHEBA	4A18	1490	28-Feb	184	684	96	808	871	1123	394	715	39
GERMANSEN (UPPER)	4A05	1500	25-Feb	93	252	83	277	362	520	174	302	49
MOUNT STEARNS	4A21	1500	26-Feb	51	99	80	139	121	227	56	123	35
JOHANSON LAKE	4B02	1540	25-Feb	74	169	67	280	252	368	148	253	46
MONKMAN CREEK	4A20	1550	28-Feb	135	459	88		473	925	211	522	27
WARE (UPPER)	4A03	1570	26-Feb	73	169	77	260	224	360	114	220	49
KWADACHA RIVER	4A27P	1620	01-Mar	N/A	206	71	330	323	405	195	289*	25

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	23-Feb	55	113	87		152	216	61	130*	43
FRANCES RIVER	YK02	730	23-Feb	60	120	86		164	312	65	140*	33
DEASE LAKE	4C03	820	01-Mar	37	60	48	190	123	229	45	125	44
JADE CITY	4C15	940	28-Feb	63	142	66	310	196	310	128	214*	8
SUMMIT LAKE	4C02	1280	26-Feb	66	175	165	124	94	190	0T	106	40
SIKANNI LAKE	4C01	1400	26-Feb	66	140	61	302	264	335	107	229	44

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 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	01-Mar	81	329	54	697	534	824	400A	610	25
NINGUNSAW PASS	4B10	690	02-Mar	72	224	55	470	429	629	232	408	35
CEDAR-KITEEN	4B18P	885	01-Mar	N/A	280	45	947	685	833	319	621*	9
TACHEK CREEK	4B06	1140	25-Feb	76	182	88	186	190	332	117	206	42
KAZA LAKE	1A12	1190	25-Feb	79	187	63	343	336	478	186	297	44
LU LAKE	4B15	1300	26-Feb	89	240	89	272	242	412	122	269	31
LU LAKE	4B15P	1310	01-Mar	59	218	81	263	247	402	116	269	11
TSAI CREEK	4B17P	1360	01-Mar	206	967	101	1057	1071	1407	694	961*	12
KIDPRICE LAKE	4B01	1370	26-Feb	208	767	96	954	808	1252	429	802	57
TRYGVE LAKE	4A11	1400	25-Feb	88	224	71	384	376	453	211	315	45
EQUITY MINE	4B14	1420	26-Feb	111	324	92	386	314	546	190	351	32
HUDSON BAY MTN.	4B03A	1480	01-Mar	124	396	86	461	488	719	287	459	38
SHEDIN CREEK	4B16P	1480	01-Mar	133	509	69	853	787	904	563	735*	14
JOHANSON LAKE	4B02	1540	25-Feb	74	169	67	280	252	368	148	253	46

STIKINE/TAKU Drainage Basin

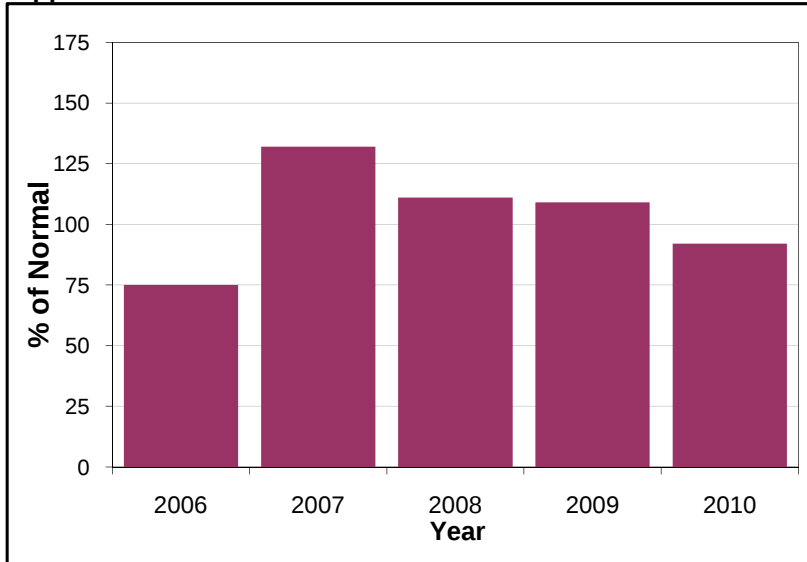
Snow Course Name and Number	Elev. metres	Date of Survey	Mar 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm		
SPEEL RIVER	AK03	80	28-Feb	117	432	66	1011	858	1024	353	659*	39
TELEGRAPH CREEK	4D01	580	25-Feb	34	62	40	240	74	345	53	156	35
NINGUNSAW PASS	4B10	690	02-Mar	72	224	55	470	429	629	232	408	35
DEASE LAKE	4C03	820	01-Mar	37	60	48	190	123	229	45	125	44
ISKUT	4D02	1000	02-Mar	28	54	50	146	77	176	33	107	35

YUKON Drainage Basin

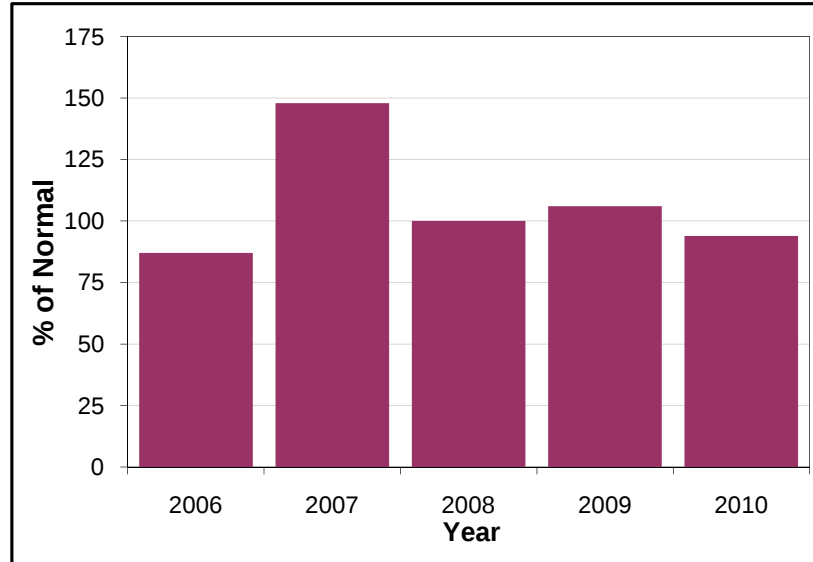
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				Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE	4E02A	730	06-Mar	46	94	85	146	92	185A	50	111*	26
LOG CABIN	4E01	880	25-Feb	109	332	101	454	295	514	124	330	49
PINE LK AIRSTRIP	YK03	1010	23-Feb	73	175	91		238	330	25	192*	34
MONTANA MTN.	YK05	1020	25-Feb	59	141	110		139	202	65	128*	34
TAGISH	YK04	1080	24-Feb	68	128	102		159	227	75	125*	34
A - SAMPLING PROBLEMS WERE ENCOUNTERED												
B - EARLY OR LATE SAMPLING												
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED												
E - ESTIMATED BASED ON AREAL AVERAGE												
* - PERIOD OF RECORD AVERAGE												

Snow Basin Index Graphs - March 1, 2010

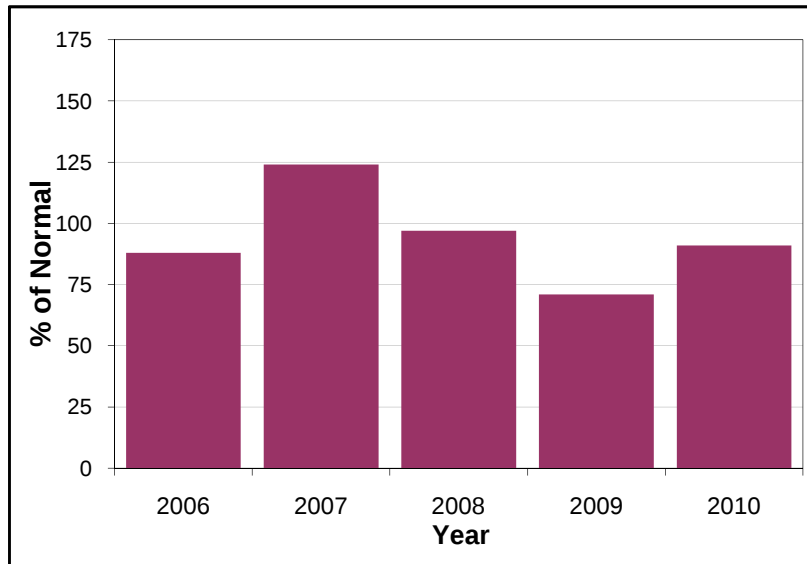
Upper Fraser



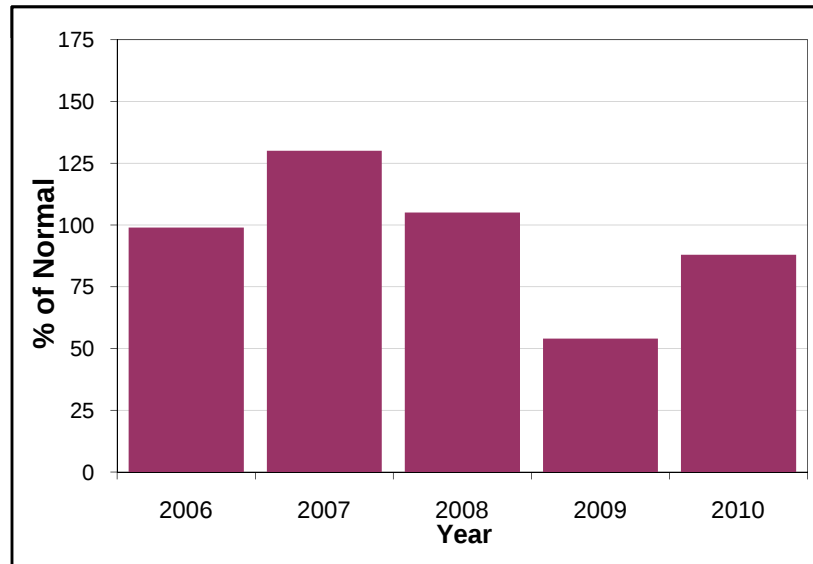
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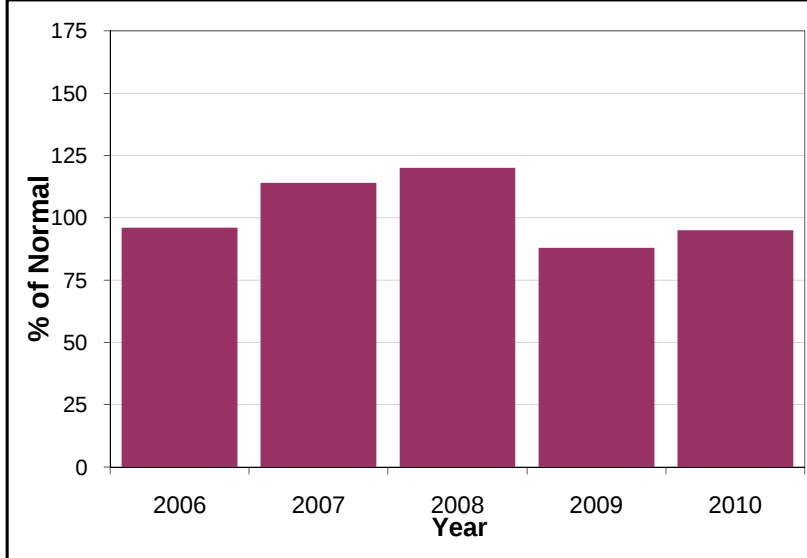
Middle Fraser



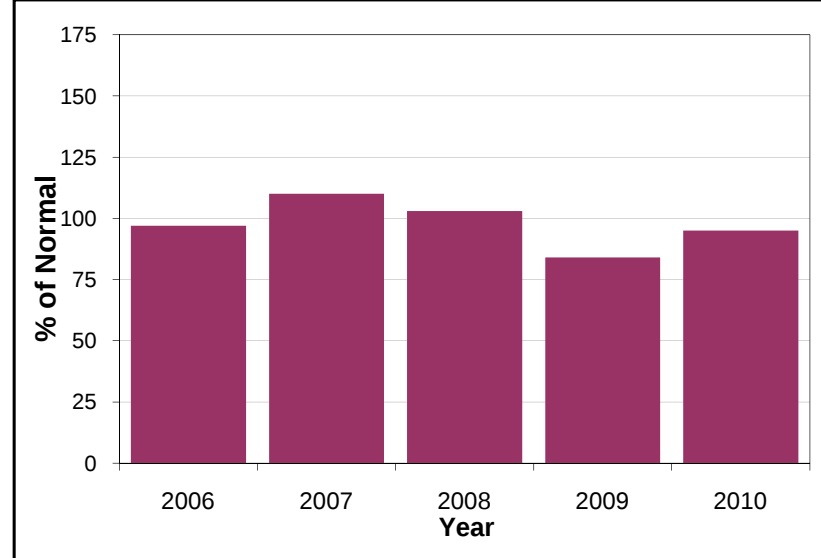
Lower Fraser



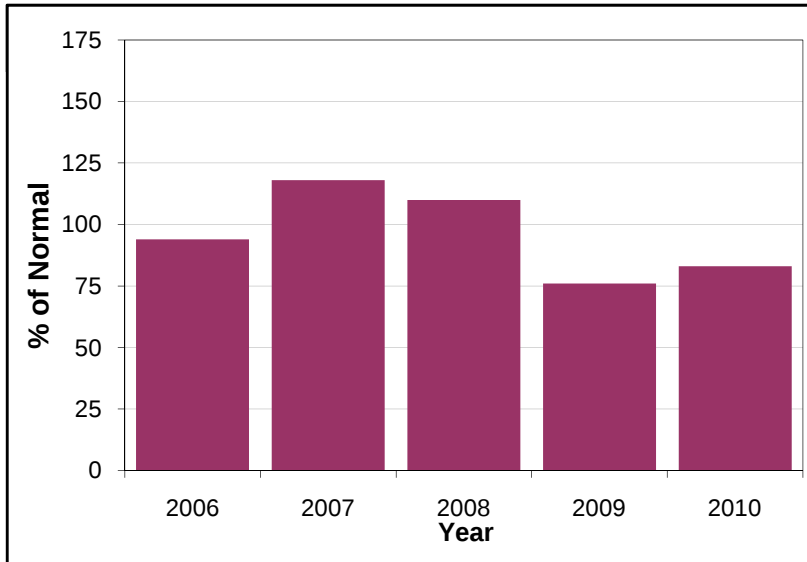
North Thompson



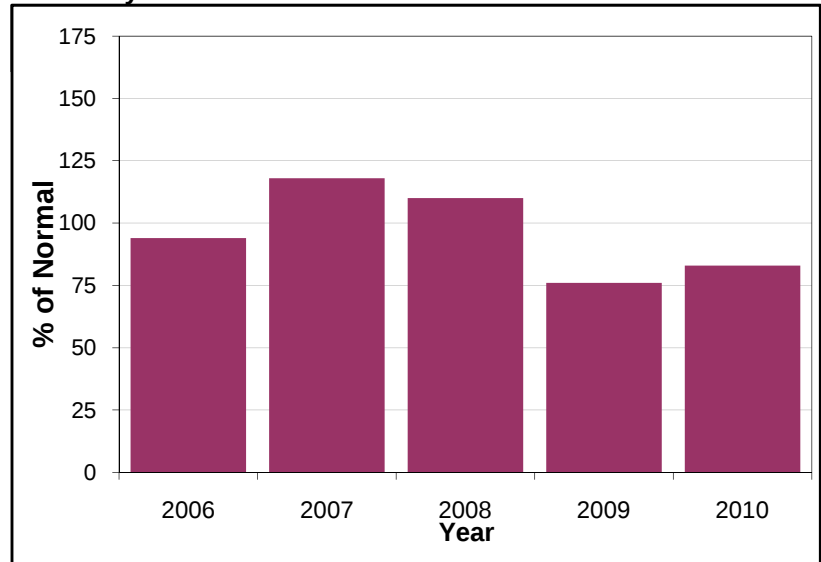
South Thompson



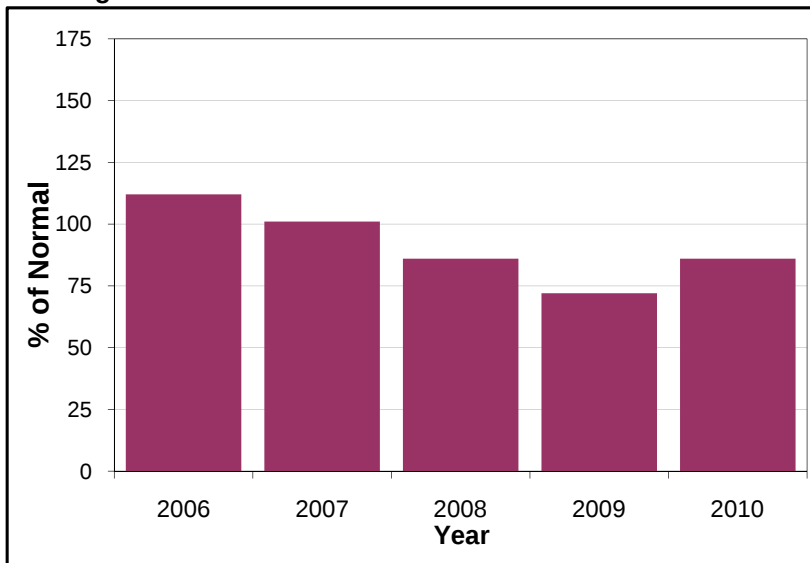
Columbia



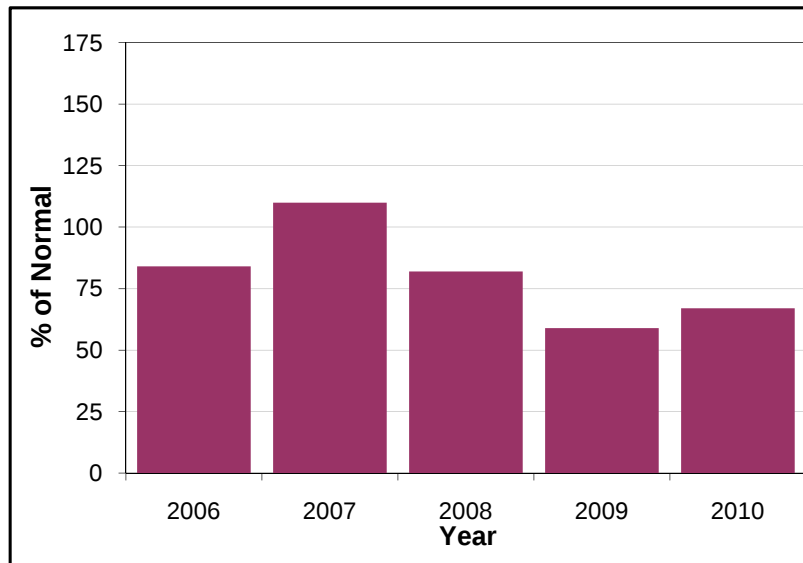
Kootenay



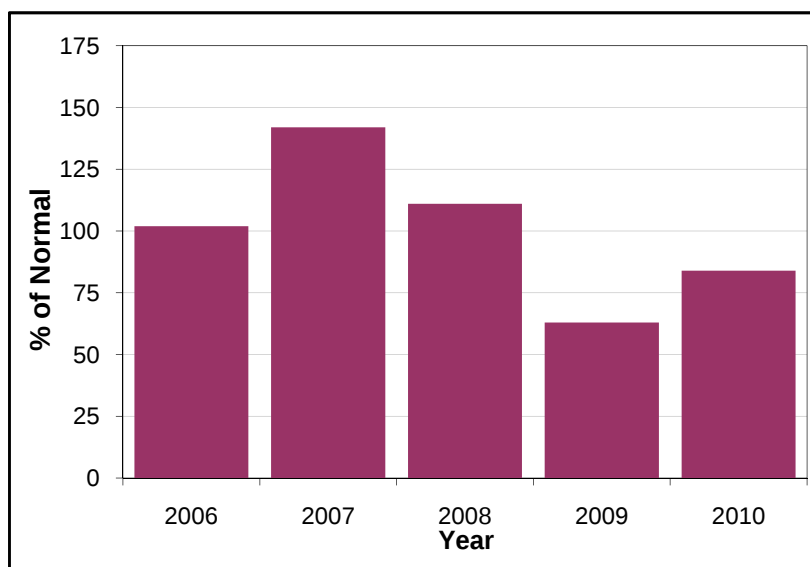
Okanagan-Kettle



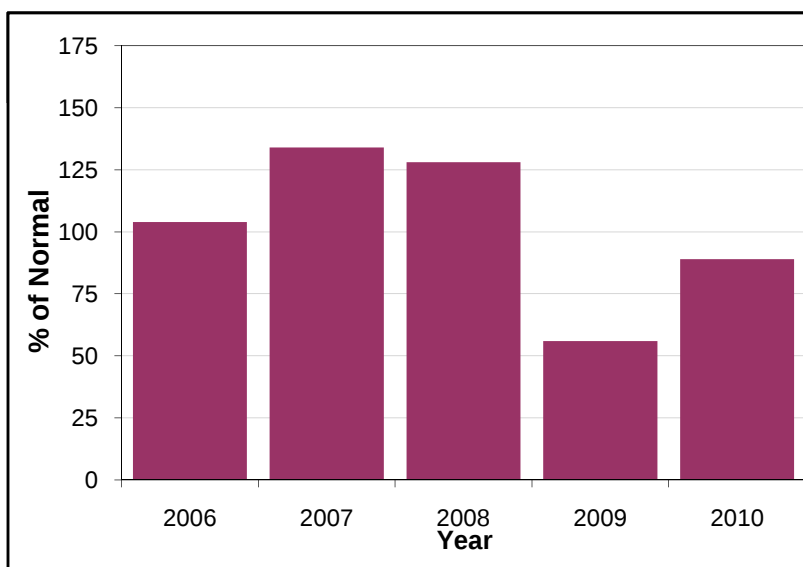
Similkameen



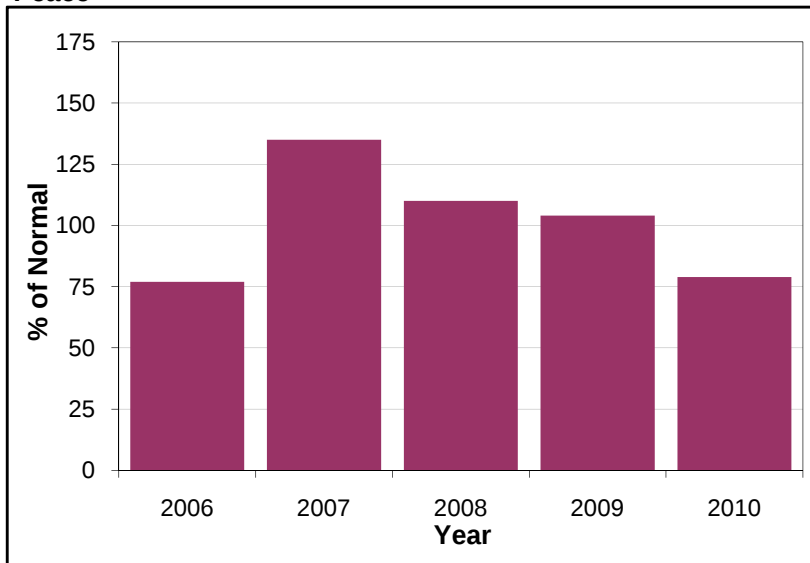
South Coast



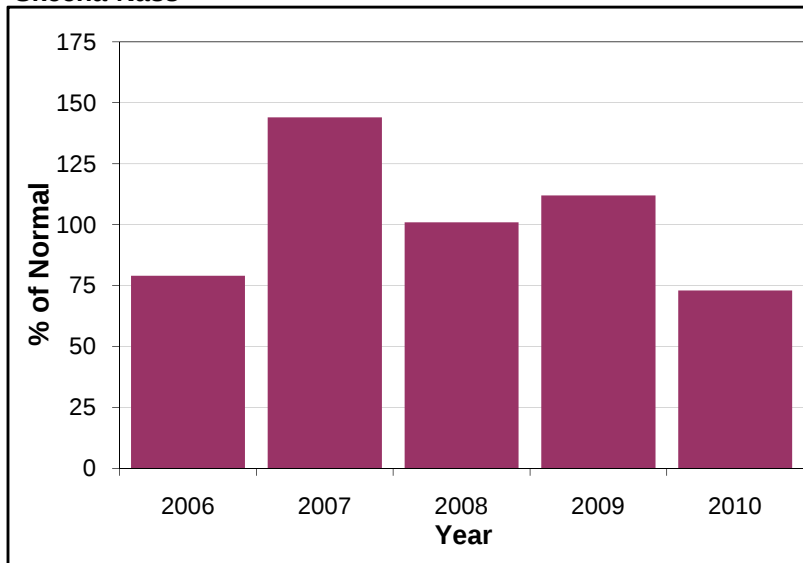
Vancouver Island



Peace



Skeena-Nass





Water Supply and Snow Survey Bulletin - April 1, 2010

The April 1 snow survey is now complete. Data from 138 snow courses and 50 snow pillows around the province, with 27 out-of-province sampling locations and climate data from Environment Canada, have been used to form the basis of the following reportⁱ.

Weather:

Weather across B.C. over the winter has been variable, with the effects of a moderate El Niño dominating weather across much of the province for the past three months. Much of central and southern B.C. experienced well above normal temperatures during January, February and the first half of 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. The last week of March brought a change in weather, with temperatures moderating downward to be near or slightly below seasonal normal.

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.

Current Snowpack:

Typically by April 1, over 95 per cent of the winter's snow has accumulated. This year as of April 1, with the exception of high elevation areas on Vancouver Island and the South Coast, snowpacks across B.C. are all below normal.

Basin snow water indices across B.C. vary from a low of 64 per cent of normal in the Similkameen and East Kootenay basins to a high of 99 per cent of normal on Vancouver Island. Basin snow water indices declined in many basins during March (including the Upper Fraser, Nechako, Mid Fraser, North Thompson, South Thompson, Nicola, Columbia, Okanagan, Kettle). A few basins experienced increases in their snow water during March (including the South Coast, Vancouver Island, Peace, Skeena and Nass).

Overall, much of central B.C. (Fraser, Thompson, Peace) has 85-90 per cent of normal snowpack. Southern B.C. (Nicola, Okanagan, Kettle, Similkameen, Kootenay) has 65-85 per cent of normal snowpack. The East Kootenay and Similkameen basins stand out as having

particularly poor snowpack. The Skeena and Nass basins are also dry, at only 81 per cent, but they have improved notably from their 73 per cent level a month ago.

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 is interpreting the basin snow index numbers reported here, as they may indicate greater snow water in some basins than is actually present.

BC Snow Basin Indices – April 1, 2010

Basin	% of Normal	Basin	% of Normal
Upper Fraser	86%	Kootenay	70%
Nechako	92%	Okanagan-Kettle	83%
Middle Fraser	88%	Similkameen	64%
Lower Fraser	89%	South Coast	84%
North Thompson	90%	Vancouver Island	99%
South Thompson	92%	Peace	85%
Columbia	84%	Skeena-Nass	81%

Upper Fraser: Individual snow courses range from 0% of normal (Prince George Airport) to 95% (McBride Upper), with an overall basin index of 86%. Below about 1200 metres elevation, measurements vary from zero to about 70% of normal.

Nechako: Snowpacks in western portions of the Nechako are at normal (e.g., Tahtsa Lake – 103%). Eastern portions of the Nechako are similar to the adjacent Upper Fraser, near 80-90%.

Mid Fraser: Snow conditions across the Mid Fraser are variable. Snow courses on the Fraser Plateau vary between zero and 65% of normal; the Quesnel Highlands vary between 65% and 88%; while south-western portions (such as the Bridge River – Duffey lake area) appear to range from 100% to 125% of normal.

North Thompson: Snow courses in the North Thompson vary from normal (Mount Cook – 99%) to well below normal (Knouff Lake – 56%) to 99% of normal (Mount Cook), with an overall index of 90%.

South Thompson: Snow courses in the South Thompson vary from normal (Celista – 101%) to well below normal (Anglement – 44%), with an overall index of 92%.

Nicola: Snowpack in the Nicola varies, with snow courses in the Coldwater River basin, and in the Nicola upstream of Nicola Lake in the 60-75% of normal range. Two snow courses in northwest side of the Nicola basin are near 100% of normal.

Upper Columbia: Individual snow courses in the Upper Columbia range from zero (Canoe River) to 103% (Downie Slide), with an overall basin index of 82%.

Lower Columbia: All snow courses in the Lower Columbia are below normal, ranging from 64% (Monashee Pass) to 93% (Koch Creek), with an overall basin index of 77%.

East Kootenay: The east Kootenay is very dry, with an overall basin index of only 64% of normal. Individual snow courses vary from 30% (Sinclair Pass) to 83% (Floe Lake).

West Kootenay: The West Kootenay is dry, with an overall basin index of 75% of normal. Individual snow courses vary from zero (Duncan Lake) to 95% (Redfish Creek).

Kettle: The Kettle River basin is dry, with an overall basin index of 69% of normal. Individual snow courses vary from 45% (Carmi) to 86% (Big White Mountain).

Okanagan: The Okanagan basin is dry, with an overall basin index of 83%. Trout Creek (west of Summerland and Mount Kobau (east of Osoyoos) are above normal, reflecting mid-winter snowfall that affected the south Okanagan. Snow courses in the central and north Okanagan range from 54% (McCulloch) to 89% (Silver Star Mountain). The Mission Creek snow pillow east of Kelowna is 87%. The River Forecast Centre is forecasting inflows to Okanagan Lake to be only to be only 61% of normal for the April to September period.

Similkameen: The Similkameen River basin is very dry, with an overall basin index of 64%. Individual snow courses vary from 45% (Hamilton Hill) to 82% (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 at or above normal. Low and mid elevation sites range from 37% (Palisade Lake snow pillow) to 80% (Orchid Lake snow pillow).

Vancouver Island: There are very few snow measurement sites on Vancouver. The limited data suggest that mid and high elevation sites on the central Island are above normal (Wolf River – 127%; Forbidden Plateau – 110%), while low sites are below normal.

Peace: The Peace is dry, although snow conditions have improved over the last month. Individual measurements range from a low of 64% (Tutizzi Lake) to a high of 100% (Lady Laurier Lake), with an overall basin index of 85%.

Skeena/Nass: The Skeena, Nass and Bulkley river basins are dry. All snow courses are below normal, ranging from 46% (Bear Pass) to 98% (Tsai Creek). The overall basin index is 81% or normal.

Water Supply Outlook:

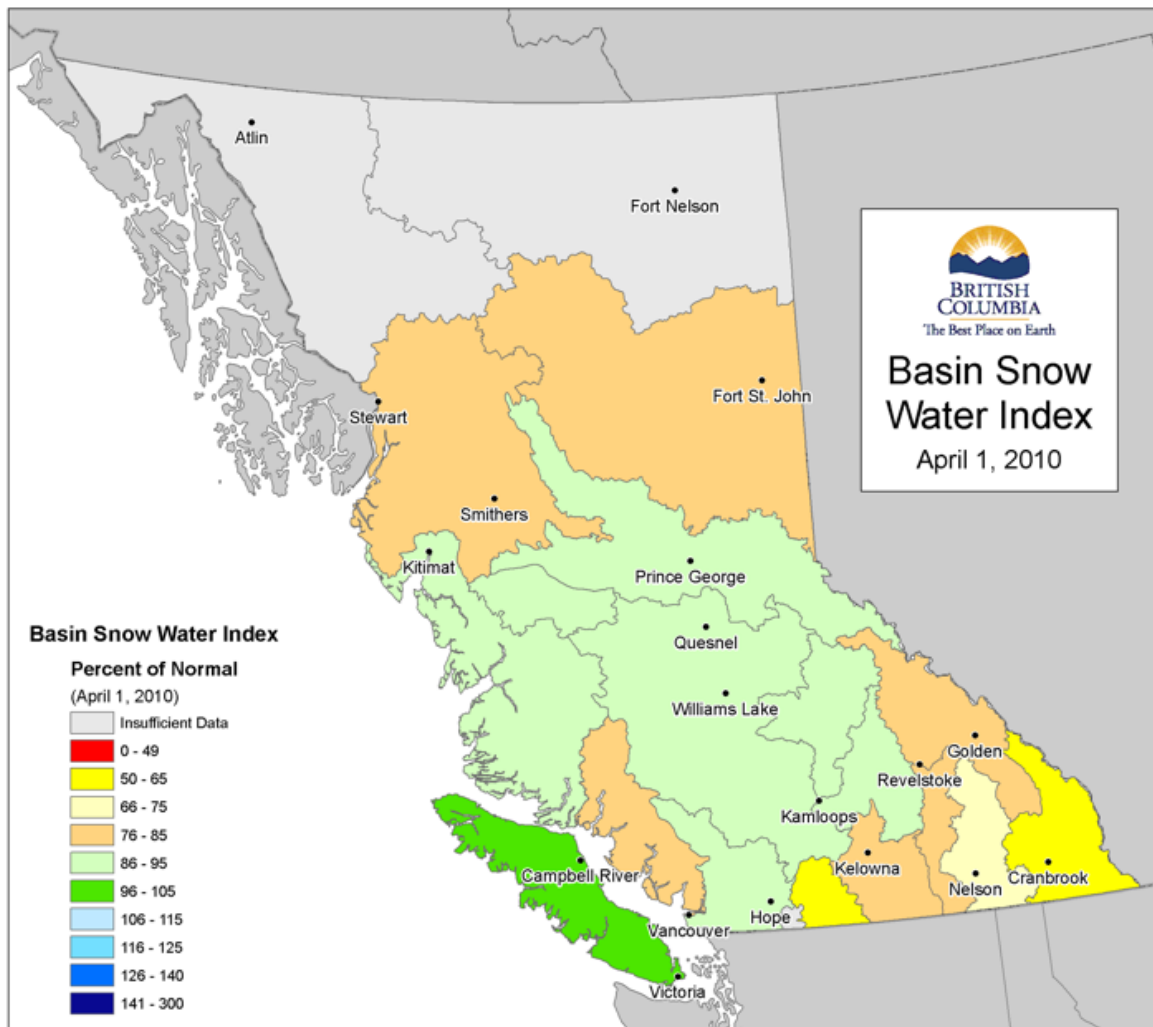
Conditions as of April 1 indicate a likelihood of well below normal freshet runoff during May and June, and low risk for freshet flooding in the major river basins (Fraser, Thompson, Skeena, Bulkley, Nass, Peace, Liard, etc.). Water levels on these large rivers typically begin to rise by late April,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

Minister Penner says the below normal snowpack conditions across much of the Interior (Okanagan, Nicola, Kettle, Similkameen, West Kootenay, East Kootenay, Skeena, Nass, Peace) indicate potential for water-supply challenges to develop during the summer. The low snowpack and smaller than normal snowmelt runoff may 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. Spring weather has a large influence. To reduce the potential for summer low flow or drought problems, spring rainfall (April, May and June) will need to be at or above normal. The first week of April has been cool and wet. However, the long range seasonal forecast from Environment Canada is for warmer than normal weather over the next three months.

Produced by: BC River Forecast Centre
April 8, 2010

ⁱ 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	Apr 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	
PRINCE GEORGE A	1A10	690	30-Mar	0	0	199	161	313	0	118	48
PACIFIC LAKE	1A11	770	28-Mar	121	463	856	794	879	290	628	47
BURNS LAKE	1A16	800	31-Mar	21	52	168	172	264	0	129	38
CANOE RIVER	2A01A	910	30-Mar	0	0	90	100	262	0	98	69
PHILIP LAKE	4A13	980	29-Mar	75	191	288	380	449	176	287	47
HEDRICK LAKE	1A14	1100	28-Mar	141	532	946	850	1046	351	688	43
HEDRICK LAKE	1A14P	1100	01-Apr	163	704	1020	941	1121	581	814*	10
BIRD CREEK	1A23	1180	31-Mar	38	100	152	154	270	84	144*	20
KAZA LAKE	1A12	1190	29-Mar	82	220	418	465	465	226	338	45
LU LAKE	4B15	1300	31-Mar	83	246	336	296	504	162	318	33
LU LAKE	4B15P	1310	01-Apr	53	236	295	278	488	154	270*	11
EQUITY MINE	4B14	1420	31-Mar	105	350	442	382	640	258	405	33
MOUNT SHEBA	4A18	1490	28-Mar	187	748	952	1041	1294	495	825	36
BARKERVILLE	1A03P	1520	01-Apr	76	269	383	326	524	221	387	33
MC BRIDE (UPPER)	1A02	1580	30-Mar	122	408	439	420	780	225	429	57
KNUDSEN LAKE	1A15	1580	28-Mar	173	636	1093	908	1255	485	826	41
MCBRIDE (UPPER)	1A02P	1620	01-Apr	132	415	473	394	694	394	520*	3
REVOLUTION CREEK	1A17P	1690	01-Apr	206	642	947	881	1222	453	798	24
LONGWORTH (UPPER)	1A05	1740	28-Mar	175	700	1024	1010	1234A	467	784	54
DOM MOUNTAIN	1A19	1820	29-Mar	166	584	836	802	1057	416	761	39
DOM MOUNTAIN	1A19P	1820	01-Apr	N/A	529	814	743	1065	503	781*	4
MARMOT JASPER	AL12	1830	30-Mar	100	279	174	194	422	102	232*	40
YELLOWHEAD	1A01P	1860	01-Apr	165	599	461	473	784	349	593	13

NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 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	
SKINS LAKE	1B05	880	01-Apr	28	83	90	110	203	0	111	46
TAHTSA LAKE	1B02	1300	01-Apr	313	1214	1153	1215	1800A	775	1179	57
TAHTSA LAKE	1B02P	1300	01-Apr	N/A	1308	1170	1219	2240	860	1212	17
KIDPRICE LAKE	4B01	1370	31-Mar	208	824	1029	863	1601	622	919	56
MOUNT PONDOSY	1B08P	1400	01-Apr	N/A	729	640	677	1143	564	798	18
MOUNT WELLS	1B01	1490	31-Mar	126	442	584	474	960	273	524	55
MOUNT WELLS	1B01P	1490	01-Apr	N/A	475	698	524	872	344	573	18
NUTLI LAKE	1B07	1490	31-Mar	136	486	506	476	798	301	529*	19
MOUNT SWANNELL	1B06	1620	31-Mar	80	238	305	268	490	148	291*	21

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	
PUNTZI MOUNTAIN	1C22	940	29-Mar	0	0	0	12	4A	120C	0	31	40
BROOKMERE	1C01	980	30-Mar	43	119	59	111	167	399	51	201	65
NAZKO	1C08	1070	29-Mar	7	22	36	108	72	165B	0	61	51
BIG CREEK	1C21	1140	26-Mar	0	0	0	28	4	119	0	16	39
GRANITE MOUNTAIN	1C33A	1150	29-Mar	39	115	64	222	272	272	73	181	17
DUFFEY LAKE	1C28	1200	30-Mar	138	508	100	462	507	866	244	507	37
BRIDGE GLACIER (LOWER)	1C39	1400			Not Sampled		240	532	1086	240	592*	15
DEADMAN RIVER	1C32	1430	28-Mar	21	52	50	178	128	188	30	105	26
BRALORNE	1C14	1450			Not Sampled		104	127	389	0	178	47
SHOVELNOSE MOUNTAIN	1C29	1450	27-Mar	54	184	71	149	210A	442	70	260	31
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	N/A	503	82	548	694	844	420	615	16
LAC LE JEUNE (UPPER)	1C25	1460	01-Apr	53	150	111	104	117	228	43	135	37
BRENDA MINE	2F18	1460	30-Mar	69	236	74	221	275	531	159	318	41
BRENDA MINE	2F18P	1460	01-Apr	N/A	305	77	286	357	497	227	394	17
HIGHLAND VALLEY	1C09A	1510	31-Mar	41	110	115	62	88	249	3A	96	44
BARKERVILLE	1A03P	1520	01-Apr	76	269	70	383	326	524	221	387	33
HORSEFLY MOUNTAIN	1C13A	1550	27-Mar	105	404	87	592	538	716	282	464	40
GNAWED MOUNTAIN	1C19	1580	31-Mar	60	132	105	84	112	307	21	126	42
MOUNT TIMOTHY	1C17	1660	27-Mar	88	270	83	336	364	533	186	327	47
YANKS PEAK EAST	1C41P	1670	01-Apr	135	606	73	936	911	994	521	829	13
PENFOLD CREEK	1C23	1680	30-Mar	222	876	88	1013	1024	1285	641	1000	34
GREEN MOUNTAIN	1C12P	1780	01-Apr	N/A	1122	123	463	844	1408	463	896	16
MCGILLIVRAY PASS	1C05	1800			Not Sampled		349	480	1118	322	602	57
MISSION RIDGE	1C18P	1850	01-Apr	N/A	503	85	413	505	908	357	576	23
DOWNTON LAKE (UPPER)	1C38	1890			Not Sampled		422	814	1416	422	900	40
TYAUGHTON CREEK (NORTH)	1C40	1950			Not Sampled		264	416	844	264	432	15
BRALORNE(UPPER)	1C37	1980			Not Sampled			790A	1010	328	755	15

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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			Not Sampled		283	434	512B	0	238	42
BROOKMERE	1C01	980	30-Mar	43	119	59	111	167	399	51	201	65
DISAPPOINTMENT LAKE	1D18P	1040	01-Apr	N/A	1227	82	1164		1985P	430P	1495*	6
CALLAGHAN CREEK	3A20	1040	30-Mar	239	866	96	670	1056	1604	192	902	33
DICKSON LAKE	1D16	1070			Not Sampled		1440	2120A	2990A	412	1547	18
DOG MOUNTAIN	3A10	1080	31-Mar	175	758	62	1295	1650A	2720A	51	1223	65
BEAVER PASS	WA12	1120	03-Apr	180	546	70	579	930	1849	94	777*	65
KLESILKWA	3D03A	1130			Not Sampled		401	367	792	0	293	62
SPUZZUM CREEK	1D19P	1180	01-Apr	323	1429	92	1061	1819	2164	465	1497*	10
DUFFEY LAKE	1C28	1200	30-Mar	138	508	100	462	507	866	244	507	32
STAVE LAKE	1D08	1210			Not Sampled		1118	1770	2750A	446	1554	42
WAHLEACH LAKE	1D09	1400			Not Sampled		568	886	1270	125	659	42
WAHLEACH LAKE	1D09P	1400	01-Apr	N/A	866	75	799	1289	1380P	614	1154	18
NAHATLATCH RIVER	1D10	1520			Not Sampled		880	1366	2410A	523	1417	42
EASY PASS	WA13	1580			-		1473	1659	3094	996	2020*	34
CHILLIWACK RIVER	1D17P	1600	01-Apr	297	1346	96	1361	1665	1894	713	1398*	16
TENQUILLE LAKE	1D06P	1680	01-Apr	N/A	1252	122	664	1005	1590	664	988*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	26-Mar	54	192	70	362	344	425	154	276	27
KNOUFF LAKE	1E05	1200	30-Mar	17	80	56	156	166	274	58	144	54
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	N/A	503	82	548	694	844	420	615	16
MOUNT COOK	1E02P	1550	01-Apr	295	1170	99	1181	1463	1463	939	1181*	9
AZURE RIVER	1E08P	1620	01-Apr	233	1133	98	964	1230	1511	716	1155	13
ADAMS RIVER	1E07	1720	26-Mar	178	685	97	552	728	1069	435	707	40
KOSTAL LAKE	1E10P	1770	01-Apr	210	721	82	848	960	1165	618	878	25
TROPHY MOUNTAIN	1E03A	1860	26-Mar	133	477	88	574	558	888	332	545	36

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	27-Mar	47	154	44	343	354	561	142	353	52
ABERDEEN LAKE	1F01A	1310			Not Sampled			145	259	6	143	70
MONASHEE PASS	2E01	1370	01-Apr	71	219	64	390	335	517	188	343	60
BOULEAU LAKE	2F21	1400	27-Mar	81	262	74	192	264	564	172B	354	39
CELISTA	1F06P	1500	01-Apr	208	870	94	720	844	1118	720	894*	5
ADAMS RIVER	1E07	1720	26-Mar	178	685	97	552	728	1069	435	707	40
KIRBYVILLE LAKE	2A25	1750	04-Apr	295	1160	98	981	1250	1816	701	1189	37
SILVER STAR MOUNTAIN	2F10	1840	28-Mar	186	675	89	669	782	1115	414	760	51
PARK MOUNTAIN	1F03P	1890	01-Apr	N/A	747	86	814	881	1207	549	867	25
ENDERBY	1F04	1900	30-Mar	245	926	91	880	1109	1430	610	1019	47

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	
CANOE RIVER	2A01A	910	30-Mar	0	0	0	90	100	262	0	98	69
DOWNIE SLIDE (LOWER)	2A27	980	04-Apr	136	492	72	566	716	1062	448	680	32
GLACIER	2A02	1250	28-Mar	125	479	66	624	689	1161	371B	730	73
FIELD	2A03A	1280	25-Mar	26	73	48	132	170	251	8	153	70
SUNWAPTA FALLS	AL11	1400	30-Mar	72	189	98	146	175	333	89	192*	41
VERMONT CREEK	2A19	1520	01-Apr	98	338	76	275	428	843	190	446	44
AZURE RIVER	1E08P	1620	01-Apr	233	1133	98	964	1230	1511	716	1155	13
DOWNIE SLIDE (UPPER)	2A29	1630	04-Apr	347	1392	103	1032	1548	2360A	858	1347	32
KICKING HORSE	2A07	1650	25-Mar	85	257	74	239	299	589	185	346	62
KIRBYVILLE LAKE	2A25	1750	04-Apr	295	1160	98	981	1250	1816	701	1189	37
MOUNT REVELSTOKE	2A06P	1830	01-Apr	N/A	960	78	960	1286	1686	709	1230	17
FIDELITY MOUNTAIN	2A17	1870	27-Mar	250	1046	84	1055	1363	1951	730	1248	47
BEAVERFOOT	2A11	1890	01-Apr	59	146	66	158	174	460	105	222	50
KEYSTONE CREEK	2A18	1890	04-Apr	211	826	100	596	850	1388	485	827	43
GOLDSTREAM	2A16	1920	04-Apr	260	1023	88	970	1257	1638A	785	1157	45
BUSH RIVER	2A23	1920	04-Apr	216	816	94	554	750	1331	455	865	43
NIGEL CREEK	AL10	1920	30-Mar	124	395	94	320	366	700	198	418*	41
MOUNT ABBOT	2A14	1980	27-Mar	257	1042	83	985	1347	1849	698	1256	51
MOLSON CREEK	2A21P	1980	01-Apr	N/A	1005	99	908	1170	1553	651	1014	27
SUNBEAM LAKE	2A22	2010	04-Apr	229	886	97	757	899	1384	590	917	43
MIRROR LAKE	AL06	2030	29-Mar	90	248	82	216	254	561	160	301*	70
BOW SUMMIT II	AL07A	2080	31-Mar	114	313	86	255	335	584B	180	365*	31

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	01-Apr	114	453	77	444	563	881	142	587	72
BAIRD	WA02	980	30-Mar	18	66	41	234	290	363	0	161*	50
FARRON	2B02A	1220	29-Mar	72	243	74	314	307	480	162	330	37
MONASHEE PASS	2E01	1370	01-Apr	71	219	64	390	335	517	188	343	60
WHATSHAN (UPPER)	2B05	1480	01-Apr	130	484	72	626	589	964	350	668	51
BARNES CREEK	2B06	1620	01-Apr	110	345	67	557	508	768	299	518	52
BARNES CREEK	2B06P	1620	01-Apr	N/A	401	73	559	555	773	323	546	17
ST. LEON CREEK	2B08	1800	01-Apr	247	961	77	1019	1124	1831	818	1253	40
ST. LEON CREEK	2B08P	1800	01-Apr	N/A	833	74	908	1009	1553	581	1133	16
KOCH CREEK	2B07	1860	01-Apr	193	705	93	540	700	1156	397	755	49
RECORD MOUNTAIN	2B09	1890	01-Apr	185	604	80	504	708	1307	315	752	34
EAST CREEK	2D08P	2030	01-Apr	N/A	728	79	608	915	1245	442	922	28

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	
KISHENEHN	MT01	1190	28-Mar	15	56	28	224	292	465	36	200*	62
FERNIE EAST	2C07	1250	30-Mar	39	137	41	250	378	605	123	335	58
SINCLAIR PASS	2C01	1370	30-Mar	22	41	30	84	126	262A	36	135	73
BRUSH CREEK TIMBER	MT03	1520	29-Mar	23	97	41	381	287	434	51	237*	58
SULLIVAN MINE	2C04	1550	28-Mar	56	134	43	214	268	538	137	313	64
WEASEL DIVIDE	MT02	1660	30-Mar	163	536	65	688	869	1346	312	819*	69
KIMBERLEY (MIDDLE) VOR	2C12	1680	30-Mar	51	118	42	229	259	462	116	279	41
BANFIELD MOUNTAIN	MT05	1710	29-Mar	74	216	42	493	546	919	196	518*	39
BANFIELD MOUNTAIN	MT05P	1710	01-Apr	91	254	58	508	516	739	229	436*	12
MOUNT JOFFRE	2C16	1750	01-Apr	90	246	63	331	330	711	179	388	41
MORRISSEY RIDGE	2C09Q	1800	01-Apr	N/A	506	68	608	701	1224	360	744	26
RED MOUNTAIN	MT04	1830	29-Mar	99	307	64	490	533	810	211	477*	71
MOYIE MOUNTAIN	2C10P	1930	01-Apr	73	296	74	491	529	679	216	401	30
HAWKINS LAKE	MT06P	1970	01-Apr	173	506	82	605	742	1001	310	614*	12
ALLISON PASS	AL01	1980	02-Apr	106	299	63	399	425	823	247	472*	46
WILKINSON SUMMIT (BUSH)	AL03	1980	02-Apr	70	196	93	208	170	460	100	210*	46
THUNDER CREEK	2C17	2010	01-Apr	91	228	79	234	225	475	140A	287	39
FLOE LAKE	2C14	2090	01-Apr	194	658	83	591	680	1242	411	791	40
FLOE LAKE	2C14P	2090	01-Apr	N/A	600	83	596	683	1001	360	724	15
KIMBERLEY (UPPER) VOR	2C11	2140	30-Mar	113	339	73	331	427	798	197	467	41
HIGHWOOD SUMMIT (BUSH)	AL02	2210	01-Apr	112	315	81	326	321	681	180	387*	39
MOUNT ASSINIBOINE	2C15	2230	01-Apr	166	473	86	463	468	816	252	551	41
SUNSHINE VILLAGE	AL05	2230	30-Mar	158	435	73	490	541	996	277	596*	42

WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 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		
DUNCAN LAKE NO. 2	2D07A	650	05-Apr	0	0	0	154	172	223	0	84*	19
FERGUSON	2D02	880	01-Apr	114	453	77	444	563	881	142	587	72
NELSON	2D04	930	29-Mar	42	149	40	294	355	622	137	372	72
CHAR CREEK	2D06	1310			Not Sampled		430	600	940	273	563	44
SMITH CREEK	ID01	1460	31-Mar	259	1041	93	808	1224	1940	508	1113*	67
BUNCHGRASS MEADOW	WA01P	1520	01-Apr	196	667	92	620	732	1214	414	726*	12
GRAY CREEK (LOWER)	2D05	1550	30-Mar	107	336	71	369	502	688	290	472	61
KOCH CREEK	2B07	1860	01-Apr	193	705	93	540	700	1156	397	755	49
MOUNT TEMPLEMAN	2D09	1860			Not Sampled				1608	688	1076	38
GRAY CREEK (UPPER)	2D10	1910	30-Mar	181	586	75	634	830	1123	492	783	39
EAST CREEK	2D08P	2030	01-Apr	N/A	728	79	608	915	1245	442	922	28
REDFISH CREEK	2D14P	2104	01-Apr	295	1121	90	803	1377	1519	803	1251*	8

KETTLE Drainage Basin

		Elev. metres	Date of Survey	Apr 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	
Snow Course Name and Number												
GOAT CREEK	WA04	1100	29-Mar	13	51	46	163	183	274	0	111*	45
FARRON	2B02A	1220	29-Mar	72	243	74	314	307	480	162	330	37
CARMI	2E02	1250	30-Mar	20	64	45	176	104	290	14	142	47
MONASHEE PASS	2E01	1370	01-Apr	71	219	64	390	335	517	188	343	60
SUMMIT G.S.	WA05	1400	29-Mar	81	234	110	244	284	338	23	212*	47
BIG WHITE MOUNTAIN	2E03	1680	30-Mar	132	434	86	418	440	762	332	507	44
GRANO CREEK	2E07P	1860	01-Apr	124	416	77	383	495	769	334	537*	12
BLUEJOINT MOUNTAIN	2E06	2040	01-Apr	189	679	92	549	667	1175	329	742	30

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	26-Mar	61	167	74	165	230	389	96	226	73
MC CULLOCH	2F03	1280	31-Mar	28	84	54	157	148	249	38	155	72
ABERDEEN LAKE	1F01A	1310			Not Sampled			145	259	6	143	71
OYAMA LAKE	2F19	1340	01-Apr	45	120	71	148	144	255	61	170	39
POSTILL LAKE	2F07	1370	31-Mar	52	156	70	190	184	348	109	224	59
VASEUX CREEK	2F20	1400			Not Sampled		98	92	239	40	157	39
BOULEAU LAKE	2F21	1400	27-Mar	81	262	74	192	264	564	172B	354	39
TROUT CREEK	2F01	1430	25-Mar	61	202	111	90	200	396	52	182	73
TROUT CREEK (WEST)	2F01A	1430	25-Mar	57	196	N/A	No historic record					1
ESPERON CR (MIDDLE)	2F14	1430	28-Mar	81	242	65	228	316	607	196	372	42
BRENDA MINE	2F18	1460	30-Mar	69	236	74	221	275	531	159	318	41
BRENDA MINE	2F18P	1460	01-Apr	N/A	305	77	286	357	497	227	394	17
ISLAHT LAKE	2F24	1480	31-Mar	86	269	77	202	322	501	165A	349	27
GREYBACK RESERVOIR	2F08	1550	01-Apr	81	228	98	247	197	351	114	233	56
ESPERON CR (UPPER)	2F13	1650	28-Mar	100	300	69	258	350	805	244	435	41
ISINTOK LAKE	2F11	1680	25-Mar	45	111	61	110	144	424	66	183	45
MACDONALD LAKE	2F23	1740			Not Sampled		334	426	677	257	463	33
MUTTON CREEK NO. 1	WA07	1740	26-Mar	114	356	103	218B	384B	721	56B	344*	69
MISSION CREEK	2F05P	1780	01-Apr	135	412	87	420	473	728	278	472	38
GRAYSTOKE LAKE	2F04	1810			Not Sampled			296Z	828	196	405	40
MOUNT KOBAL	2F12	1810	31-Mar	104	344	108	198	236	602	105	318	44
WHITEROCKS MOUNTAIN	2F09	1830	31-Mar	153	494	84	343	537	1021	318	586	55
SILVER STAR MOUNTAIN	2F10	1840	28-Mar	186	675	89	669	782	1115	414	760	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	30-Mar	43	119	59	111	167	399	51	201	65
FREEZEOUT CREEK TRAIL	WA11	1070	02-Apr	38	117	39	290	399	665	8	300*	65
LIGHTNING LAKE	3D02	1220	27-Mar	74	219	72	231	361	622	60	305	62
HAMILTON HILL	2G06	1490	27-Mar	51	159	45	212	288	851	83	356	50
MISSEZULA MOUNTAIN	2G05	1550	28-Mar	46	130	54	122	162	516B	90	242	49
ISINTOK LAKE	2F11	1680	25-Mar	45	111	61	110	144	424	66	183	45
LOST HORSE MOUNTAIN	2G04	1920	31-Mar	57	191	79	188	221	533	138	243	46
BLACKWALL PEAK	2G03P	1940	01-Apr	185	686	82	615	848	1494	400	833	42
HARTS PASS	WA09	1980	01-Apr	244	894	82	884	1219	1725	510	1081*	67
HARTS PASS	WA09P	1980	01-Apr	213	822	84	787	1057	1770	429	974*	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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			-		1266	2020A	3560A	285	1440	61
PALISADE LAKE	3A09P	880	01-Apr	N/A	435	N/A	Historic record unavailable					2
POWELL RIVER (LOWER)	3A05	910			-		815	1025	1554	85	743	49
POWELL RIVER (UPPER)	3A02	1040			-		940	1205	1813	467	1046	46
CALLAGHAN CREEK	3A20	1040	30-Mar	239	866	96	670	1056	1604	192	902	33
DOG MOUNTAIN	3A10	1080	31-Mar	175	758	62	1295	1650A	2720A	51	1223	65
GROUSE MOUNTAIN	3A01	1100	30-Mar	213	908	75	1412	1830A	2670A	44	1203	74
ORCHID LAKE	3A19	1190			-		1279	2170A	3770A	748	1905	36
ORCHID LAKE	3A19P		01-Apr	N/A	1535	81						21
UPPER SQUAMISH RIVER	3A25P	1340	01-Apr	404	1572	97		1601	2089	803	1620	19
NOSTETUKO RIVER	3A22P	1500	01-Apr	67	604	102	218	578	1058	218	594*	19
UPPER MOSELY CREEK	3A24P	1650	01-Apr	107	335	116	236	225	567	135	289*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 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	01-Apr	0	0	0	224	156	607	0	89	48
WOLF RIVER (LOWER)	3B19	640	01-Apr	82	282	74	290	636	1198	0	381	38
UPPER THELWOOD LAKE	3B10	980	01-Apr	356	1410	91	1292	2216	3200A	354	1554	50
WOLF RIVER (MIDDLE)	3B18	1070	01-Apr	215	752	113	426	942	1706	0	664	38
FORBIDDEN PLATEAU	3B01	1130	01-Apr	418	1756	110	974	1941	3550A	387	1595	55
JUMP CREEK	3B23P	1160	01-Apr	254	954	79	986	1909	1909	184	1208	13
WOLF RIVER (UPPER)	3B17P	1490	01-Apr	N/A	1797	127	850	1442	1878	305	1420	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 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		Not Sampled			722	900A	36	383*	26	
TAHTSA LAKE	1B02	1300	01-Apr	313	1214	103	1153	1215	1800A	775	1179	57
TAHTSA LAKE	1B02P	1300	01-Apr	N/A	1308	108	1170	1219	2240	860	1212	17
BURNT BRIDGE CREEK	3C08P	1330	01-Apr	N/A	661	87		885	1384	201	764*	12

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 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		Not Sampled		283	434	512B	0	238	18	
FREEZEOUT CREEK TRAIL	WA11	1070	02-Apr	38	117	39	290	399	665	8	301*	65
BEAVER PASS	WA12	1120	03-Apr	180	546	70	579	930	1849	94	777*	65
KLESILKWA	3D03A	1130		Not Sampled		401	367	792	0	293	62	
LIGHTNING LAKE	3D02	1220	27-Mar	74	219	72	231	361	622	60	305	62
HARTS PASS	WA09	1980	01-Apr	244	894	82	884	1219	1725	510	1084*	67
HARTS PASS	WA09P	1980	01-Apr	213	822	84	787	1057	1770	429	974*	12

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	28-Mar	121	463	74	856	794	879	290	628	47
WARE (LOWER)	4A04	980	30-Mar	64	166	88	272		316	112B	188	46
PHILIP LAKE	4A13	980	29-Mar	75	191	67	288	380	449	176	287	47
AIKEN LAKE	4A30P	1040	01-Apr	N/A	203	79	285	289	371	199	258	23
TUTIZZI LAKE	4A06	1070	29-Mar	70	169	66	283	320	406	166	255	47
TSAYDAYCHI LAKE	4A12	1160	29-Mar	105	314	80	359	559	639	234	394	47
KAZA LAKE	1A12	1190	29-Mar	82	220	65	418	465	465	226	338	45
PULPIT LAKE	4A09	1310	30-Mar	133	388	97	618	506	618	297	402	47
PULPIT LAKE	4A09P	1310	01-Apr	N/A	375	91	607	509	619	347	411	19
FREDRICKSON LAKE	4A10	1310	29-Mar	70	192	78	275	304	351	163B	245	47
PINE PASS	4A02P	1400	01-Apr	N/A	875	79	1042	1298	1551	844	1101	18
TRYGVE LAKE	4A11	1400	29-Mar	124	348	97	454	454	511	257	359	47
SIKANNI LAKE	4C01	1400	30-Mar	90	217	81	362	325	380	166	268	47
PINE PASS	4A02	1400	28-Mar	258	1014	88	1042	1298	1551	844	1150	48
MORFEE MOUNTAIN	4A16	1450	28-Mar	164	604	71	806	1026	1158	555	854	42
LADY LAURIER LAKE	4A07	1460	30-Mar	157	501	100	578	612	854	342	503	46
MOUNT SHEBA	4A18	1490	28-Mar	187	748	91	952	1041	1294	495	825	41
GERMANSEN (UPPER)	4A05	1500	29-Mar	101	316	90	343	487	523	200	352	48
MOUNT STEARNS	4A21	1500	30-Mar	60	138	93	164	146	239	59	138	35
JOHANSON LAKE	4B02	1540	29-Mar	89	254	87	344	345	417	173	291	47
MONKMAN CREEK	4A20	1550	28-Mar	143	512	86	640	541	1067	313	593	31
WARE (UPPER)	4A03	1570	30-Mar	86	214	84	315	290	390	157	254	46
KWADACHA RIVER	4A27P	1620	01-Apr	N/A	266	79	379	371	446	236	335*	25

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	29-Mar	62	150	114	244	175	244	71	134*	43
FRANCES RIVER	YK02	730	29-Mar	57	143	91	292	200	302	76	161*	33
DEASE LAKE	4C03	820			Not Sampled		177	130A	259	50A	136	45
JADE CITY	4C15	940	29-Mar	70	176	72	340	244	340	162	246*	8
SUMMIT LAKE	4C02	1280	01-Apr	79	95	83	100	113	240	0	114	40
SIKANNI LAKE	4C01	1400	30-Mar	90	217	81	362	325	380	166	268	47

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 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	01-Apr	85	330	47		626Z	1013	408	706	25
NINGUNSAW PASS	4B10	690	26-Mar	85	266	61	552	520	730A	231	438	35
CEDAR-KITEEN	4B18P	885	01-Apr	N/A	346	48	1073	711	1129	454	715*	9
McKENDRICK CREEK	4B07	1050	30-Mar	69	213	72	276	317	427	183	297	42
TACHEK CREEK	4B06	1140	30-Mar	64	168	72	252	280	362	112	232	42
KAZA LAKE	1A12	1190	29-Mar	82	220	65	418	465	465	226	338	45
LU LAKE	4B15	1300	31-Mar	83	246	77	336	296	504	162	318	33
LU LAKE	4B15P	1310	01-Apr	53	236	88	295	278	488	154	267*	11
TSAI CREEK	4B17P	1360	01-Apr	234	1144	99	1215	1241	1831	919	1158*	12
KIDPRICE LAKE	4B01	1370	31-Mar	208	824	90	1029	863	1601	622	919	56
TRYGVE LAKE	4A11	1400	29-Mar	124	348	97	454	454	511	257	359	47
EQUITY MINE	4B14	1420	31-Mar	105	350	86	442	382	640	258	405	33
CHAPMAN LAKE	4B04	1460	30-Mar	119	410	86	442	466	762	315	474	45
HUDSON BAY MTN.	4B03A	1480	29-Mar	126	440	84	540	544	846	356	524	38
MOUNT CRONIN	4B08	1480	30-Mar	144	510	83	90	532	1097	581	612	35
SHEDIN CREEK	4B16P	1480	01-Apr	165	660	75	1001	923	1054	690A	883*	14
JOHANSON LAKE	4B02	1540	29-Mar	89	254	87	344	345	417	173	291	47

STIKINE/TAKU Drainage Basin

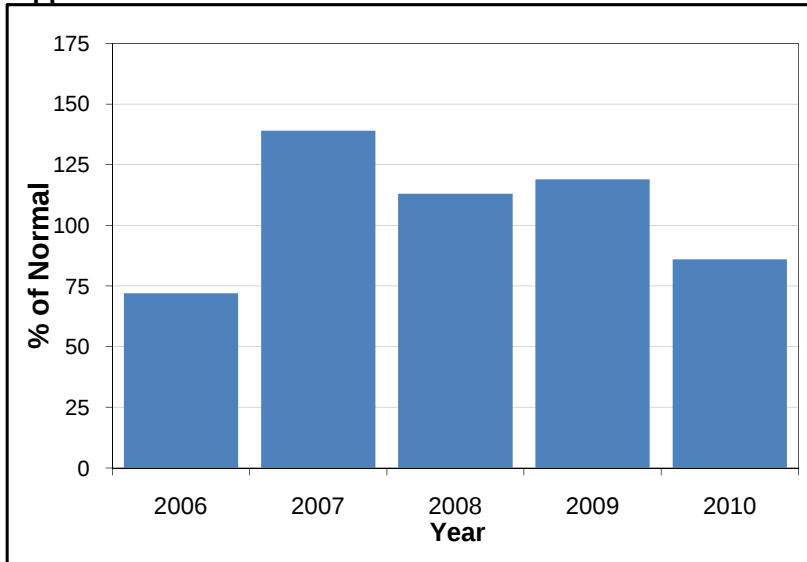
Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
SPEEL RIVER	AK03	80					1219	1031	1402	300	769*	41
TELEGRAPH CREEK	4D01	580	26-Mar	32	74	47	278	82	343	37	156	35
NINGUNSAW PASS	4B10	690	26-Mar	85	266	61	552	520	730A	231	438	35
DEASE LAKE	4C03	820			Not Sampled		177	130A	259	50A	136	45
ISKUT	4D02	1000	26-Mar	29	60	56	172	89	180A	0	107	35

YUKON Drainage Basin

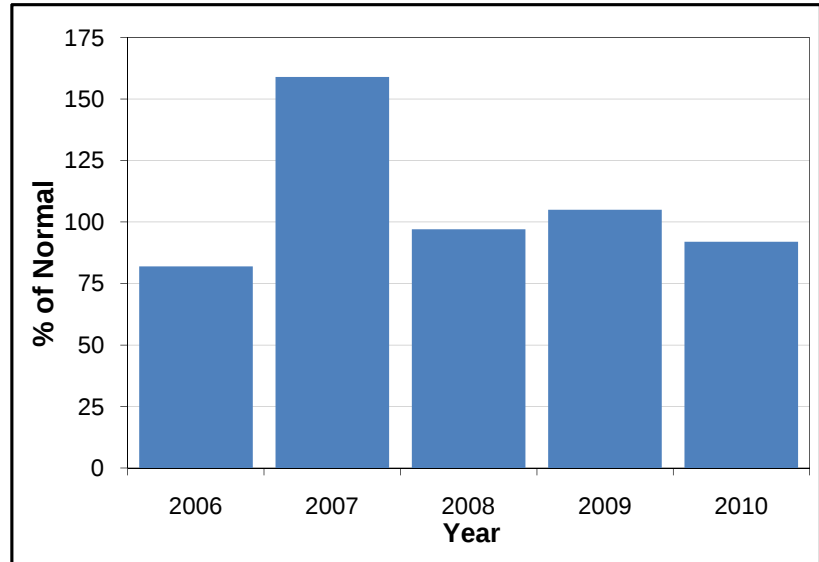
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				Snow Depth cm	Water Equiv. mm	% of Normal	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE	4E02A	730	28-Mar	49	116	93	155	105	267	50	125*	26
LOG CABIN	4E01	880	30-Mar	141	428	115	536	390	596	213	372	50
PINE LK AIRSTRIP	YK03	1010	30-Mar	84	164	73	298	286	351	122	226*	34
MONTANA MTN.	YK05	1020	30-Mar	67	144	103	176	150	228	84	140*	33
TAGISH	YK04	1080	28-Mar	74	179	128	203	177	242	73	140*	33
A - SAMPLING PROBLEMS WERE ENCOUNTERED B - EARLY OR LATE SAMPLING C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED E - ESTIMATED BASED ON AREAL AVERAGE * - PERIOD OF RECORD AVERAGE												

Snow Basin Index Graphs - April 1, 2010

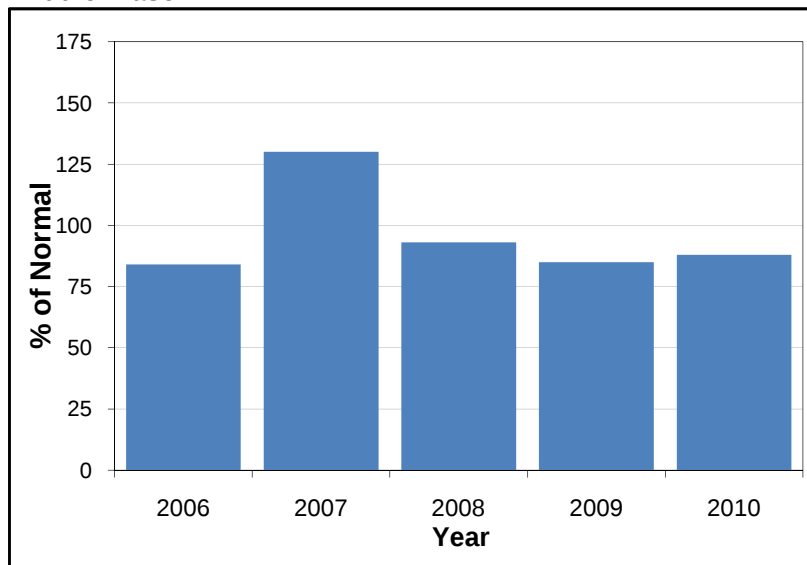
Upper Fraser



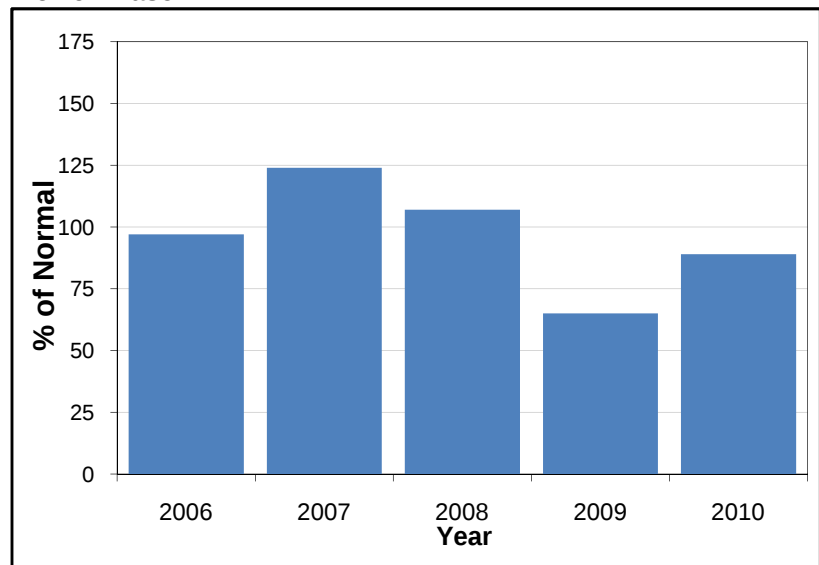
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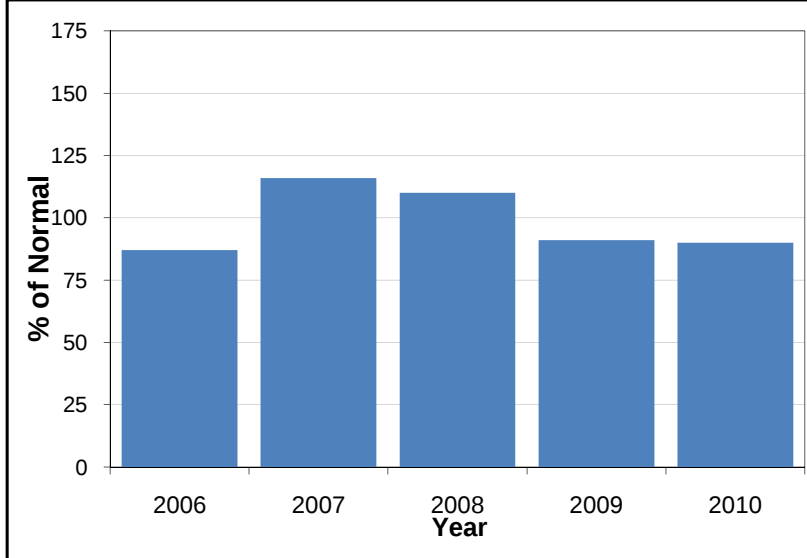
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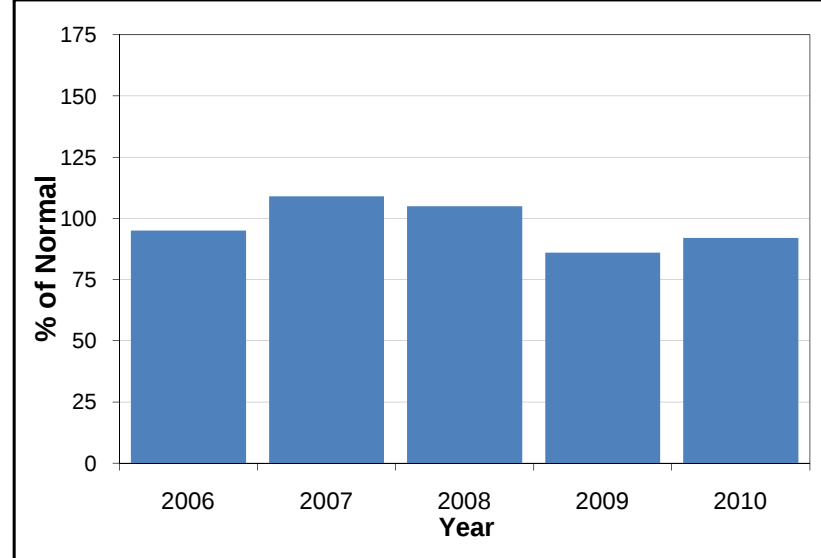
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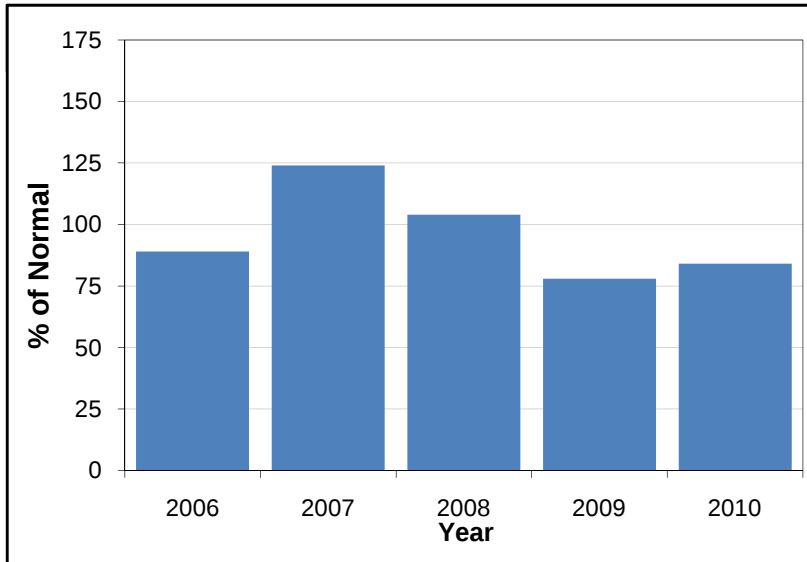
North Thompson



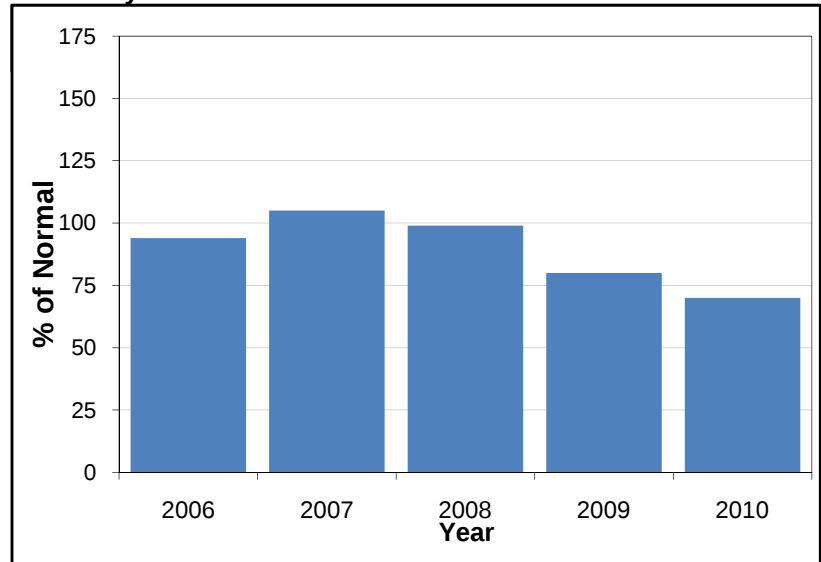
South Thompson



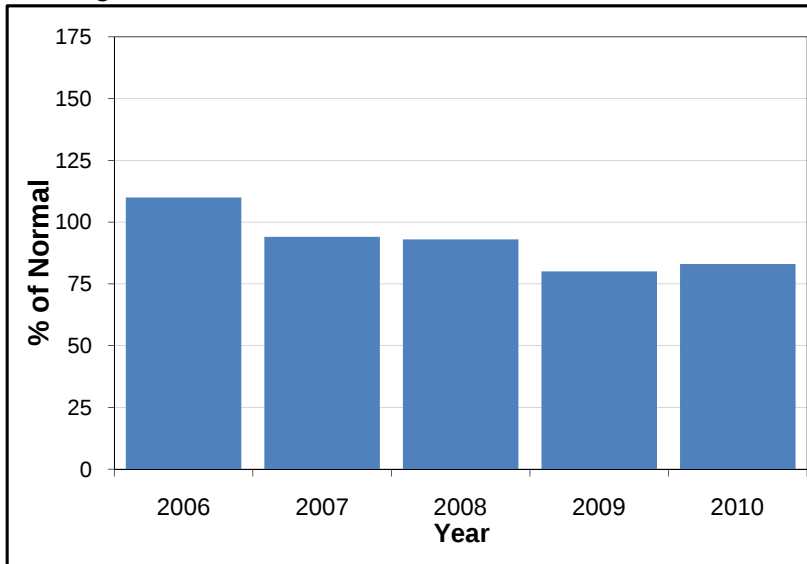
Columbia



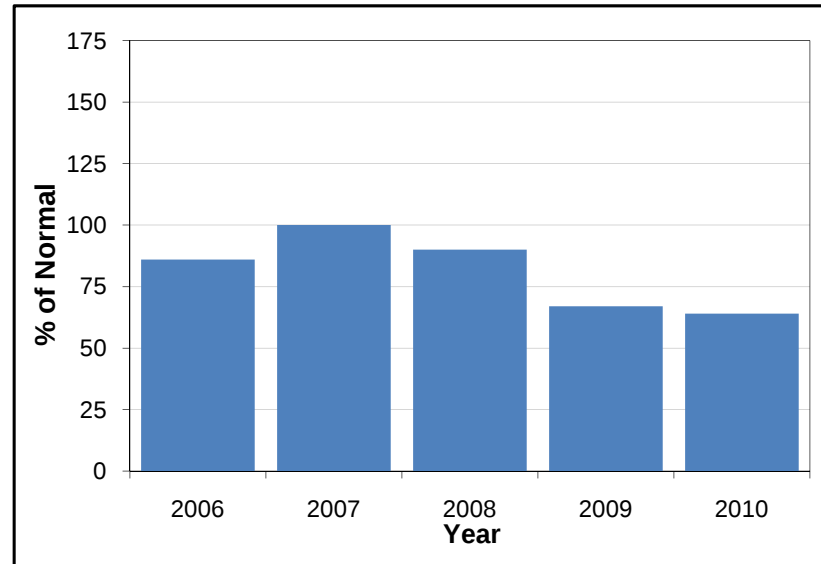
Kootenay



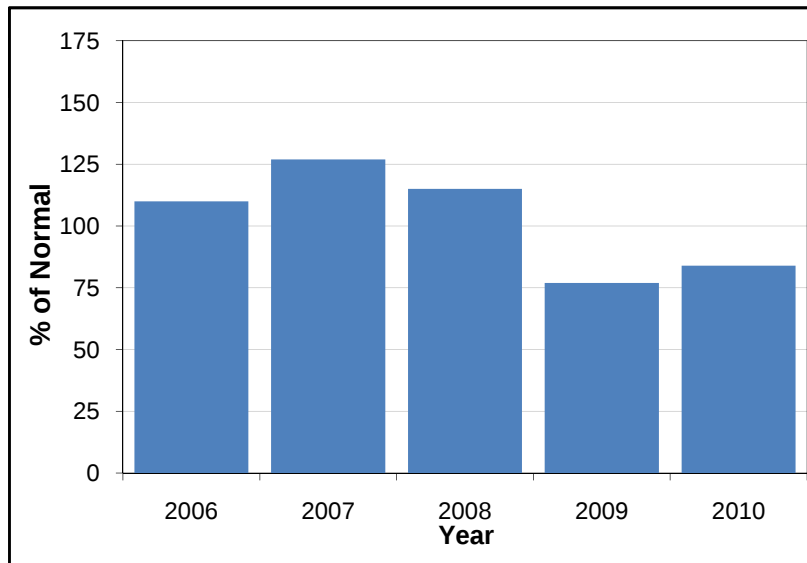
Okanagan-Kettle



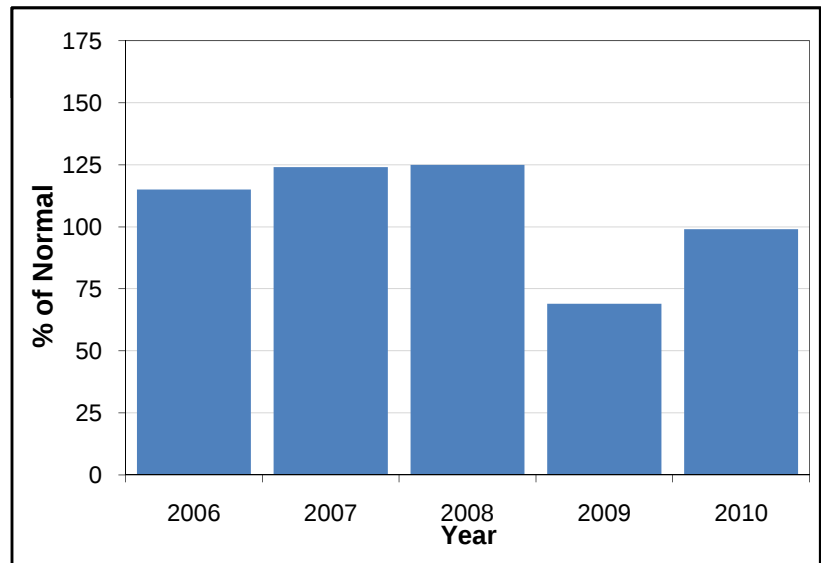
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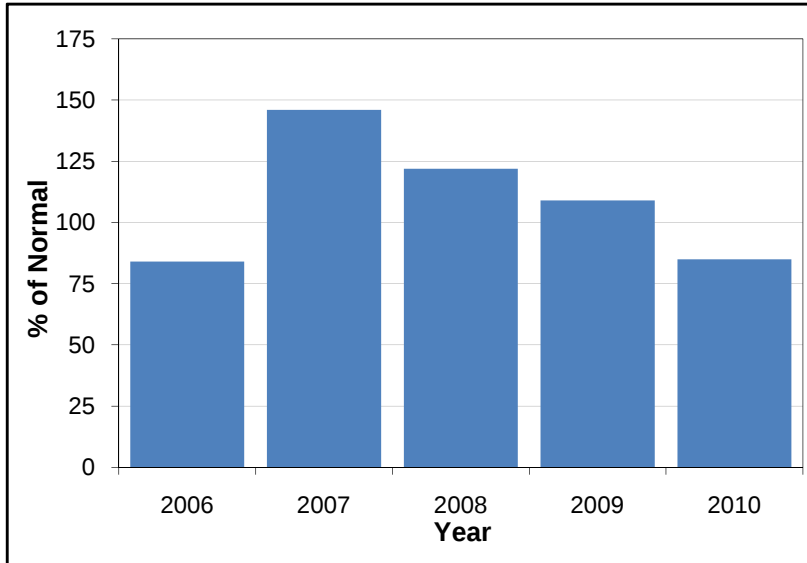
South Coast



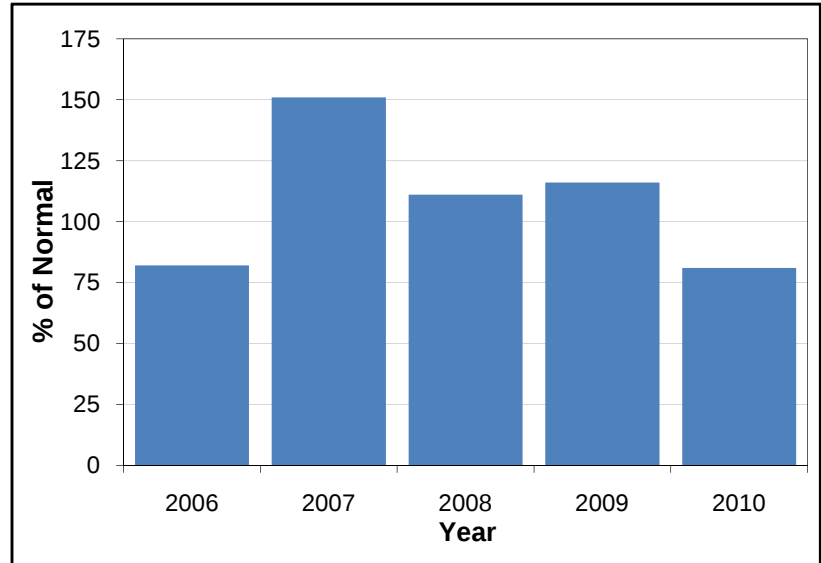
Vancouver Island



Peace



Skeena-Nass





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 (Ferne East, Sinclair Pass) to 86% (Floer 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% of 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:

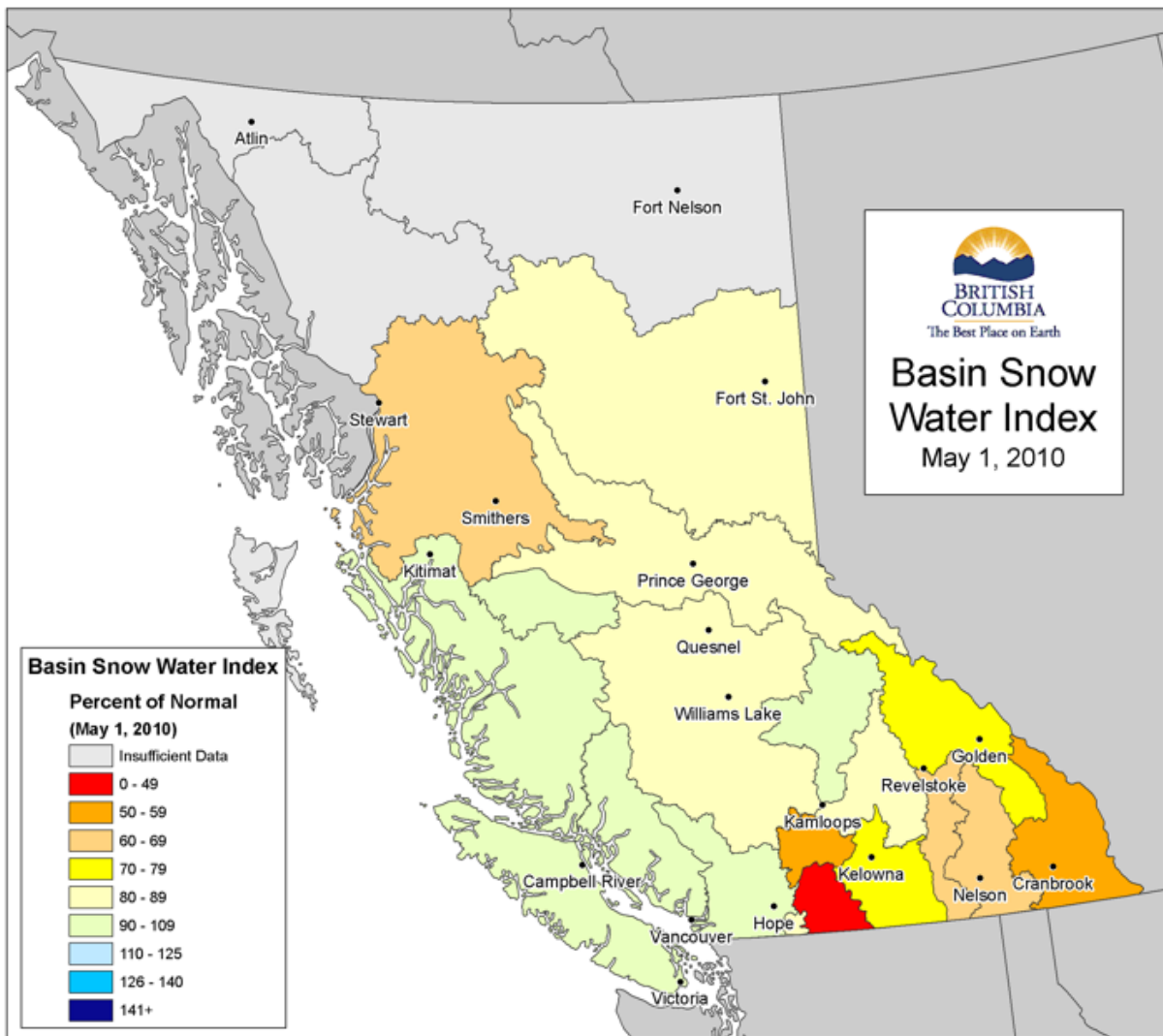
Conditions as of May 1 indicate a likelihood of well below normal freshet runoff during May and June, and low risk for freshet flooding in the major river basins (Fraser, Thompson, Skeena, Bulkley, Nass, Peace, Liard, etc.). Water levels on these large rivers began to rise in late April, and are expected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



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
MCBRIDE (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
DOME MOUNTAIN	1A19	1820	29-Apr	164	650	77	992	868	1138	452	844	36
DOME MOUNTAIN	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	No historic record					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 KOBAL	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

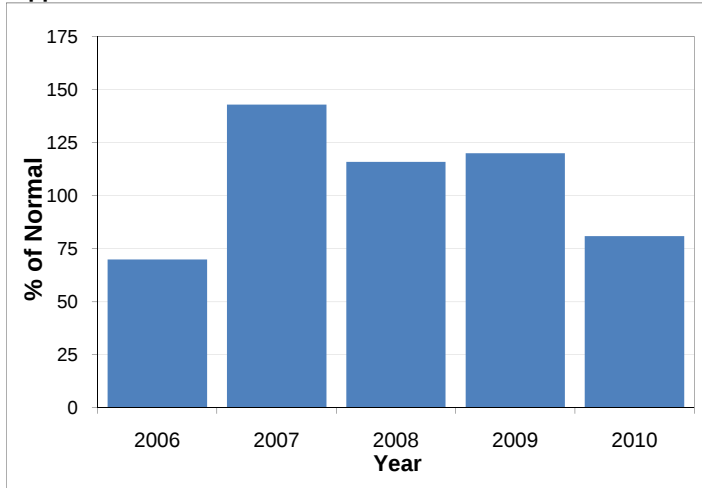
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

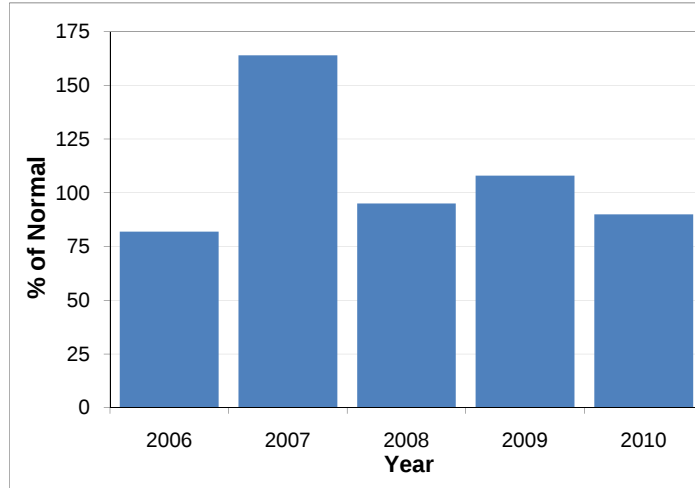
* - PERIOD OF RECORD AVERAGE

Snow Basin Index Graphs - May 1, 2010

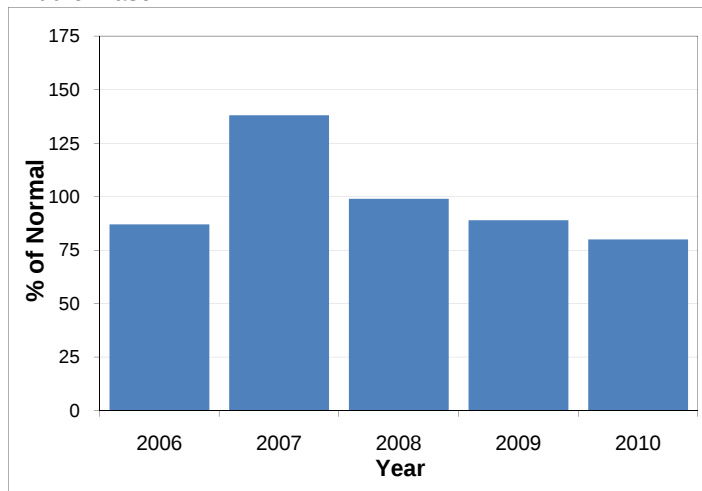
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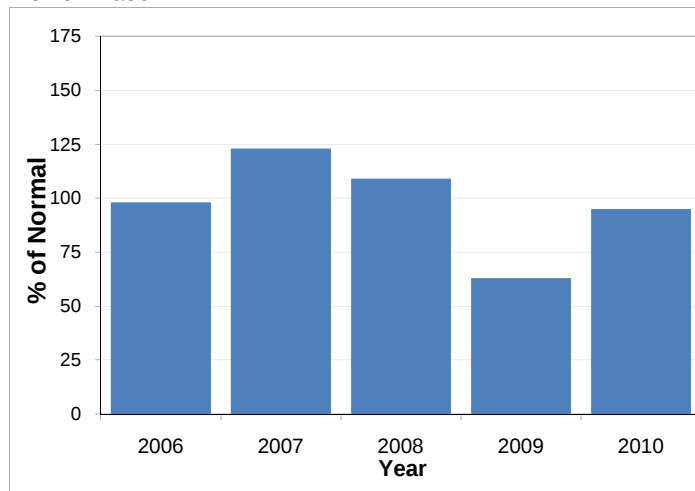
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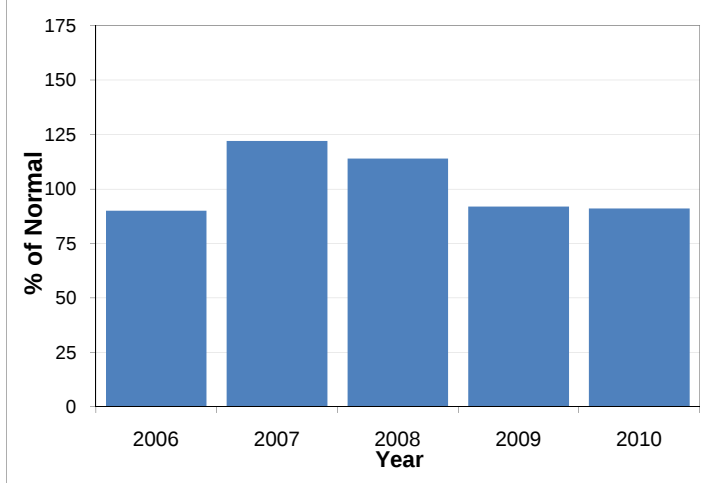
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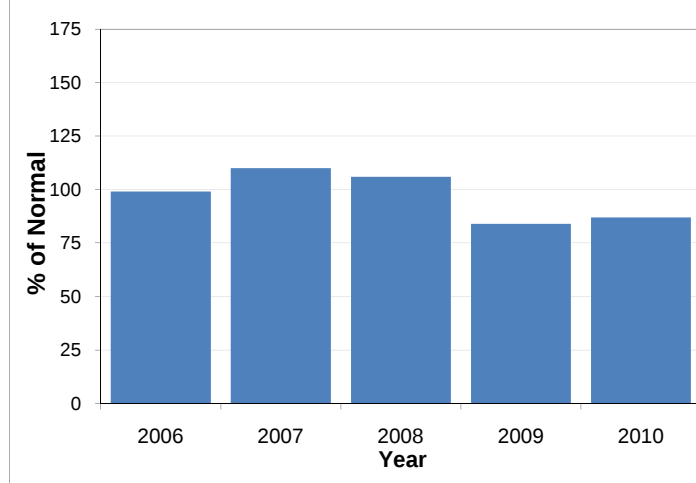
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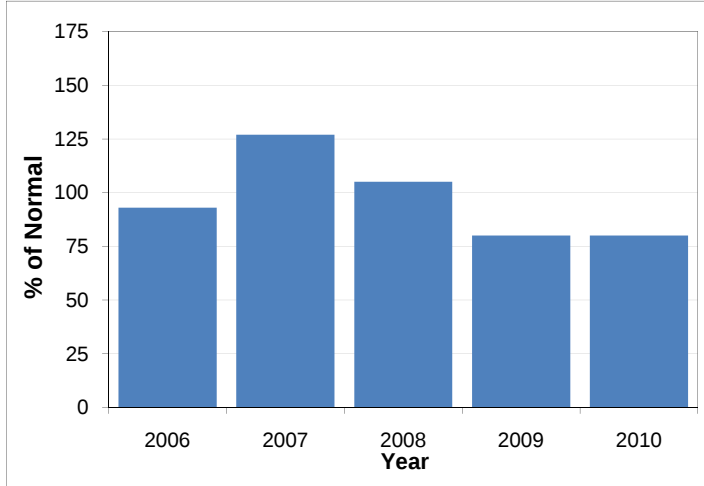
North Thompson



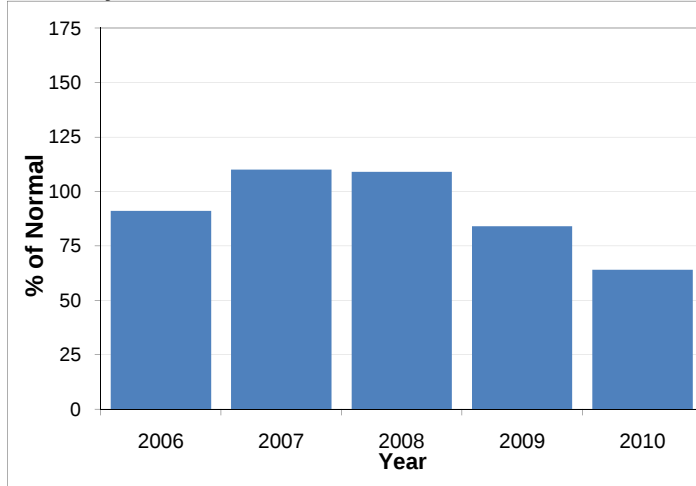
South Thompson



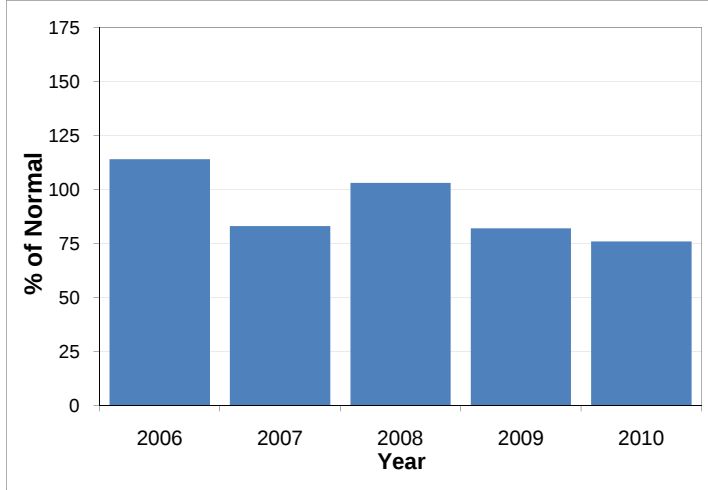
Columbia



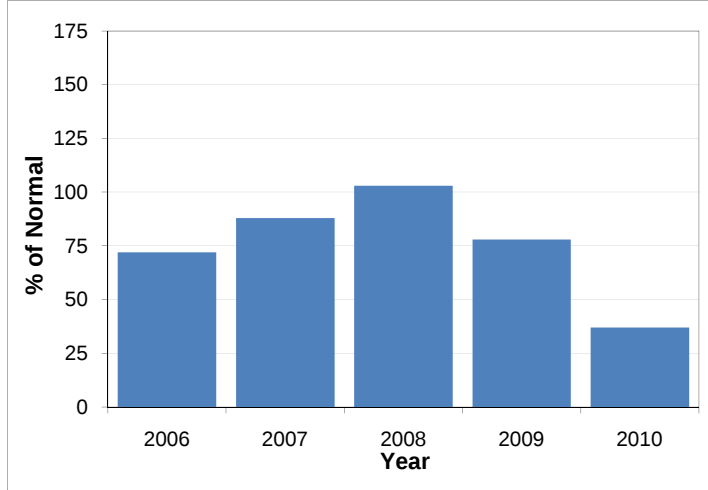
Kootenay



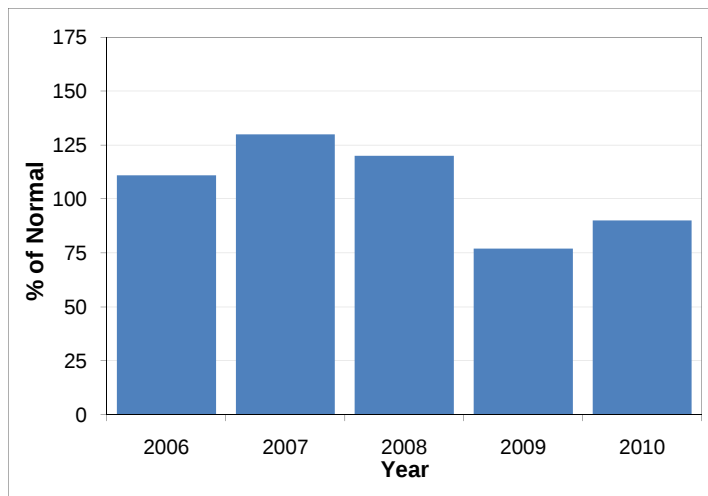
Okanagan-Kettle



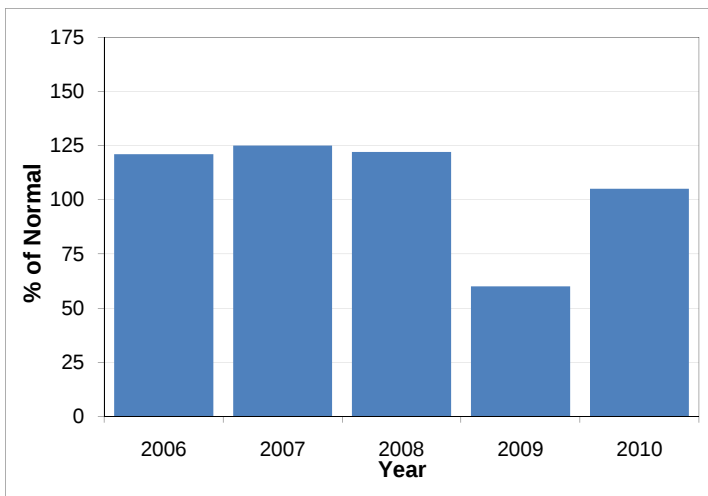
Similkameen



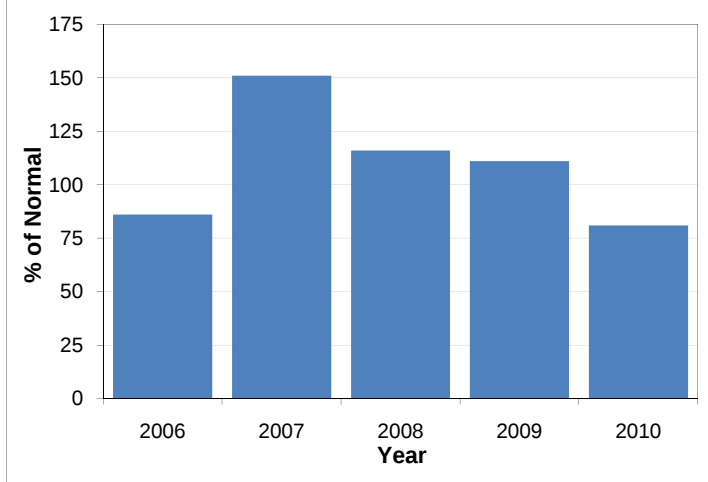
South Coast



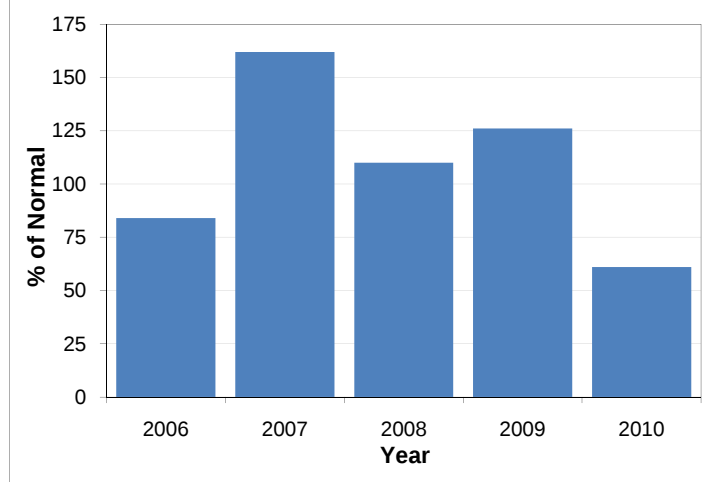
Vancouver Island



Peace



Skeena-Nass





Water Supply and Snow Survey Bulletin – May 15, 2010

The May 15 snow survey is now complete. This is a small survey. Data from 26 snow courses and 50 snow pillows around the province have been used to form the basis of the following report.

Weather:

Weather during the first two weeks of May has been somewhat cooler than normal. As a result, snowmelt has been proceeding slowly, at a more subdued rate of melt than normal in most areas of the province. In addition, early May brought frontal precipitation to the South Coast and portions of the South Interior. Moderate amounts of rain or snow occurred in some areas, including portions of the Nicola, Okanagan, Kootenay and Thompson basins. Some measurement sites in the Lower Fraser, Thompson, Upper Columbia, and elsewhere in the South Interior, accumulated additional snow water in early May when they would normally lose it to melt.

Current Snowpack:

Freshet snow melt is now proceeding steadily, although at a slower than normal pace due to the cooler than normal weather of the past few weeks. With the exception of high elevation areas on Vancouver Island and the South Coast, snowpacks across B.C. all remain below normal. Snowpacks across BC persist generally in the pattern set over the past few months:

- Snowpacks in the South Interior (Nicola, Okanagan, Similkameen, West Kootenay, East Kootenay, Lower Columbia) remain well below normal. They varied from 37-76 percent of normal at May 1st, but have experienced small increases in some areas as a result of late season snowfall in early May and pockets of convective rain in mid-May.
- Snowpacks in the Skeena and Nass river basins remain well below normal (61 percent of normal at May 1st). Precipitation in the Skeena/Nass has been below normal for the first half of May.
- Much of central B.C. (Fraser, Thompson, Peace) continues with below normal snowpack (80-90% of normal at May 1st). Some late season snowfall occurred in the Upper Fraser in early May, but had no significant change on snowpacks.
- Snowpacks in the Peace River basin remain below normal (81% at May 1st). The Peace has received little precipitation for the first half of May;

Upper Fraser: Based on a limited snow survey, individual snow courses range from 64% of normal (Barkerville) to 102% (Yellowhead). The rate of melt for the first half of May was generally about one-half of normal, as a result of the cool weather.

Nechako: The three automated snow pillows in the Nechako range from 84% to 100% of normal.

Mid Fraser: Snow conditions across the Mid Fraser are variable. Snow courses on the Fraser Plateau are well below 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: Based on a limited survey, snow conditions have improved somewhat in the North Thompson, with snow courses in the North Thompson varying from 87% of normal (Kostal Lake) to 110% (Adams River). The Adams River, Kostal lake and Trophy Mountain sites accumulated 37-111 mm of new snow water during the first two weeks of May when they normally lose 20-50 mm

South Thompson: Based on a very limited survey, snow conditions have improved slightly in the South Thompson. The Enderby snow course gained 89 mm of snow water in early May, when it normally loses 17 mm; and the Park Mountain snow pillow gained 23 mm when it normally loses 49 mm.

Nicola: Snowpack in the Nicola was well below normal at May 1st. No surveys were done at May 15th to determine changes in conditions. However, a cold front pushed through the Nicola basin over the May 2-3 period, and there are anecdotal reports of snow accumulations from that storm.

Upper Columbia: The three automated snow pillows in the Upper Columbia vary from 77% to 106% of normal at May 15th.

Lower Columbia: Based on a very limited survey, all snow courses in the Lower Columbia continue to be below normal, ranging from 15% (Farron) to 93% (Record Mountain). Similar to other basins, the rate of snow melt in the Lower Columbia for early May has been subdued.

East Kootenay: The east Kootenay is very dry. Individual snow courses vary from zero (Fernie East, Sullivan Mine) to 94% (Morrissey Ridge). Precipitation in the East Kootenay was below normal for April and the first half of May.

West Kootenay: The West Kootenay is dry. Based on a very limited survey, individual snow courses vary from 82% to 98% of normal. Precipitation in the West Kootenay was below normal for April and early May. The rate of melt has been subdued.

Kettle: The Kettle River basin is dry, with snow courses varying from 15% of normal to 97% (Big White). Similar to other basins, the rate of melt in the Kettle has been slower than normal for the first half of May.

Okanagan: The Okanagan basin is dry. Snow along the west side of the Okanagan valley is particularly poor (Summerland Reservoir - zero; Trout Creek – zero; Brenda Mine - zero). Higher elevations along the east side of the valley are somewhat better, after experiencing slow snow melt and some new snow accumulation. The Mission Creek snow pillow accumulated 52 mm of new snow water during a cold frontal storm in early May, when it typically loses 83 mm. Silver Star Mountain in the north part of the basin is at 93% of normal.

Similkameen: The Similkameen River basin is very dry. Snow has entirely melted off from eastern portions of the Similkameen basin. The high elevation Blackwall Peak snow pillow accumulated a small amount of new snow water in early May (when it normally loses 126 mm), and is currently at 102% for May 15th.

South Coast: High elevation sites are generally near or above normal.

Vancouver Island: There are only two measurements for Vancouver Island. The Jump Creek snow pillow (west of Nanaimo) is 108% of normal, while the Wolf River snow pillow (west of Campbell River) is 147%. At both sites, the rate of melt in early May was well below normal.

Peace: The Peace River basin is dry. The four automated snow pillows in the Peace vary from zero to 79% of normal.

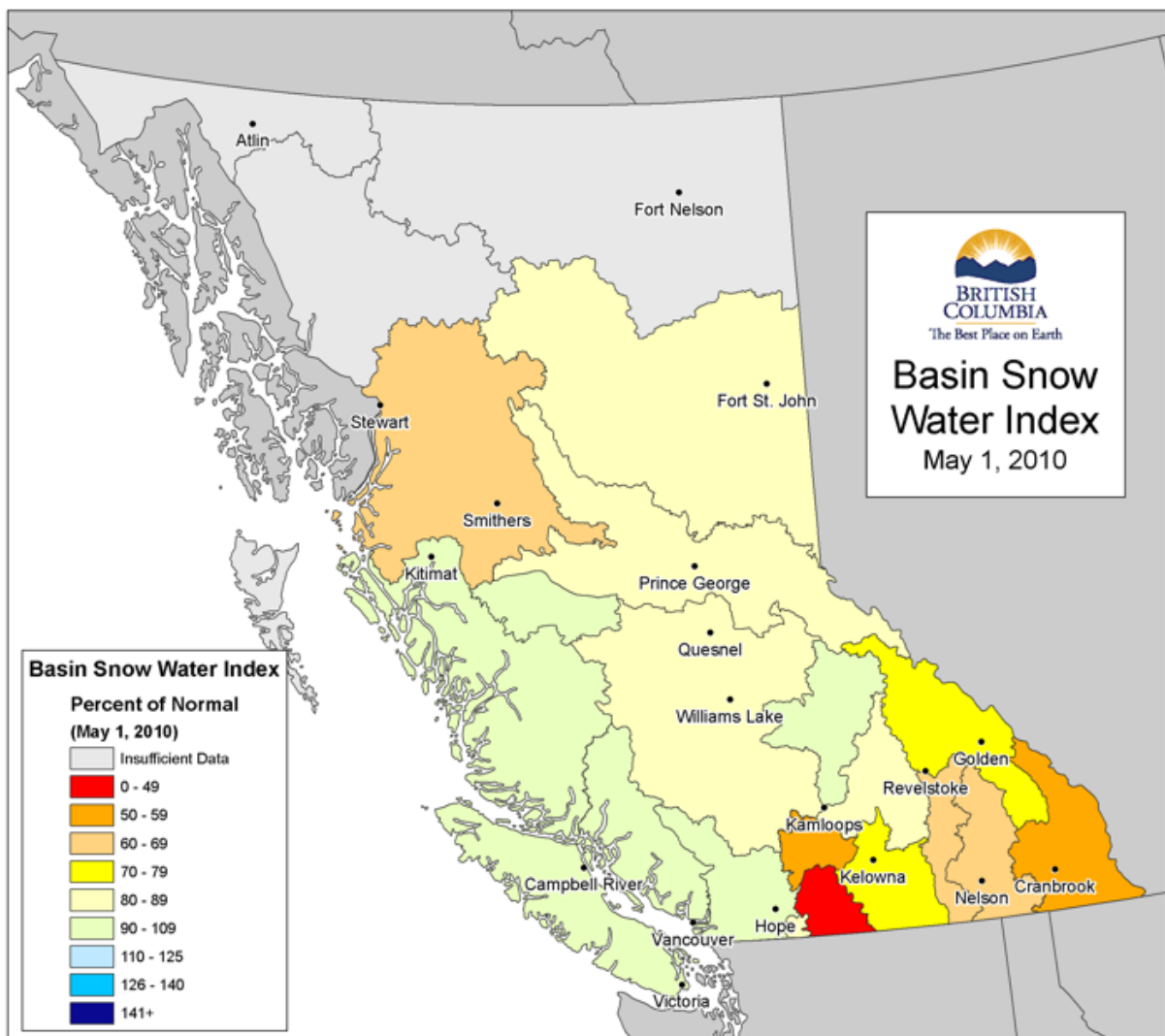
Skeena/Nass: The Skeena and Nass river basins are dry. The four automated snow pillows vary from 2% of normal (Cedar-Kiteen) to 102% (Tsai Creek).

Water Supply Outlook:

As has been reported over the past two months, current snow conditions 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 rivers throughout the province, including all these large rivers, are now rising, 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. Spring and early summer weather conditions will now be the determining factor as to whether significant water supply issues develop. Rainfall during the rest of May and June will need to be at or above normal to alleviate water supply concerns.

Due to limited data for the May 15th snow survey, the Basin Index Map is not updated. The May 1st Basin Index Map provides the best indication of end-of-winter snow conditions.



UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
HEDRICK LAKE	1A14P	1100	15-May	131	663	89	964	938	1050	435	746*	10
LU LAKE	4B15P	1310	15-May	N/A	113	83	282	173	445	0	136*	11
BARKERVILLE	1A03P	1520	15-May	29	149	64	281	281	503	0	234	32
MC BRIDE (UPPER)	1A02	1580	13-May	80	334	91	433	358	752	24	367	42
MCBRIDE (UPPER)	1A02P	1620	15-May	87	341	65	476	394	660	394	527*	3
REVOLUTION CREEK	1A17P	1690	15-May	148	594	83	967	930	1249	228	713	24
DOMM MOUNTAIN	1A19	1820	13-May	161	675	83	958	890	1168	385	813	37
DOMM MOUNTAIN	1A19P	1820	15-May	N/A	623	71	919	825	1208	611	881*	4
YELLOWHEAD	1A01P	1860	15-May	117	592	102	465	480	825	139	579	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02P	1300	15-May	N/A	1250	100	1064	1234	2347	671	1255	17
MOUNT PONDOSY	1B08P	1400	15-May	N/A	543	84	524	567	1198	207	645	17
MOUNT WELLS	1B01P	1490	15-May	N/A	447	88	732	463	951	171	510	18

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
BOSS MOUNTAIN MINE	1C20P	1460	15-May	N/A	396	85	469	615	761	184	464	16
BRENDA MINE	2F18P	1460	15-May	N/A	9	36	16	146	146	0	0	17
BARKERVILLE	1A03P	1520	15-May	29	149	64	281	281	503	0	234	32
MOUNT TIMOTHY	1C17	1660	15-May	37	122	61	240	332	466	0	201	41
YANKS PEAK EAST	1C41P	1670	15-May	98	602	75	1065	1001	1125	398	800	13
PENFOLD CREEK	1C23	1680	13-May	201	950	93	1067	1092	1400	585	1019	40
GREEN MOUNTAIN	1C12P	1780	15-May	N/A	1177	145	485	805	1366	424	845	16
MISSION RIDGE	1C18P	1850	15-May	N/A	451	118	386	438	878	0	382	23

LOWER FRASER Drainage Basin

		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
DISAPPOINTMENT LAKE	1D18P	1040	15-May	N/A	1396	106			1930P	730P	1317*	5
DOG MOUNTAIN	3A10	1080	13-May	155	786	71	1073	1655	2920Z	0	1100	24
SPUZZUM CREEK	1D19P	1180	15-May	275	1523	107	1001	1913	2093	49	1422*	10
WAHLEACH LAKE	1D09P	1400	15-May	N/A	1000	104	978	1400A	1624	335	960	18
CHILLIWACK RIVER	1D17P	1600	15-May	277	1646	125	1601	1714	2186	405	1312*	15
TENQUILLE LAKE	1D06P	1680	15-May	N/A	1343	136	653	1009	1699	469	990*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
BOSS MOUNTAIN MINE	1C20P	1460	15-May	N/A	396	85	469	615	761	184	464	16
MOUNT COOK	1E02P	1550	15-May	239	1358	107						8
AZURE RIVER	1E08P	1620	15-May	176	1136	92	1046	1305	1665	743	1230	13
ADAMS RIVER	1E07	1720	10-May	184	783	110	586	782	1158	280	712	38
KOSTAL LAKE	1E10P	1770	15-May	196	773	87	908	1035	1357	568	887	25
TROPHY MOUNTAIN	1E03A	1860	11-May	170	657	108	592	698	1114	301	608	28

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
CELISTA	1F06P	1500	15-May	161	889	89	765		1155	488	822*	3
ADAMS RIVER	1E07	1720	10-May	184	783	110	586	782	1158	280	712	38
SILVER STAR MOUNTAIN	2F10	1840	16-May	148	613	93	722	772	1054	100	661	51
PARK MOUNTAIN	1F03P	1890	15-May	N/A	802	87	968	1043	1321	474	927	25
ENDERBY	1F04	1900	17-May	220	1015	93	1002	1323	1499	662	1089	47

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
AZURE RIVER	1E08P	1620	15-May	176	1136	92	1046	1305	1665	743	1230	13
MOUNT REVELSTOKE	2A06P	1830	15-May	N/A	998	77	1088	1294	1777	700	1297	17
MOLSON CREEK	2A21P	1980	15-May	N/A	1103	106	1020	1335	1707	602	1040	27

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	13-May	4	16	15	78	117	222	0	110	30
BARNES CREEK	2B06P	1620	15-May	N/A	379	87	660	675	761	94	438	17
ST. LEON CREEK	2B08P	1800	15-May	N/A	851	79	994	1084	1568	639	1080	16
RECORD MOUNTAIN	2B09	1890	15-May	137	628	93	560	618	1367	83	676	35
EAST CREEK	2D08P	2030	15-May	N/A	754	79	731	1016	1387	461	925	28

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	15-May	0	0	0	0	160A	290	0	46	48
SULLIVAN MINE	2C04	1550	14-May	0	0	0	186	162A	457	0T	105	58
BANFIELD MOUNTAIN	MT05P	1710	15-May	38	140	46	396	417	569	0	305	12
MORRISSEY RIDGE	2C09Q	1800	15-May	N/A	431	94	637	731	1091	0	460	26
MOYIE MOUNTAIN	2C10P	1930	15-May	N/A	130	51	428	435	552	0	255	29
HAWKINS LAKE	MT06P	1970	15-May	137	539	76	742	798	1067	178	706	12
FLOE LAKE	2C14P	2090	15-May	N/A	671	88	698	821	1088	304	765	15

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
CHAR CREEK	2D06	1310	15-May	62	257	92	366	511Z	715	0	279	40
BUNCHGRASS MEADOW	WA01P	1520	15-May	125	496	85	640	653	1163	150	582	13
EAST CREEK	2D08P	2030	15-May	N/A	754	79	731	1016	1387	461	925	28
REDFISH CREEK	2D14P	2104	15-May	261	1301	94	972	1523	1748	972	1380*	8

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	13-May	4	16	15	78	117	222	0	110	30
BIG WHITE MOUNTAIN	2E03	1680	16-May	86	380	97	402	371	732	0	390	44
GRANO CREEK	2E07P	1860	15-May	110	480	91	536	608	855	290	526*	12

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
SUMMERLAND RESERVOIR	2F02	1280			Not Sampled		0	0	218	0	32	44
VASEUX CREEK	2F20	1400			Not Sampled		0	0	80	0	9	37
TROUT CREEK	2F01	1430	12-May	0	0	0	11	28	307	0	30	57
TROUT CREEK (WEST)	2F01A	1430	12-May	15	58	N/A	No historic record					1
BRENDA MINE	2F18P	1460	15-May	N/A	9	36	16	146	146	0	0	17
GREYBACK RESERVOIR	2F08	1550	13-May	44	146	146	69	137	323	0Z	100	38
ISINTOK LAKE	2F11	1680	13-May	0	0	0	10	87	386	0	78	44
MISSION CREEK	2F05P	1780	15-May	128	491	121	533	581	829	0	407	38
MOUNT KOBAL	2F12	1810	14-May	85	329	130	238	209	516	0	254	43
WHITEROCKS MOUNTAIN	2F09	1830	15-May	97	426	106	315	485	968	0	401	39
SILVER STAR MOUNTAIN	2F10	1840	16-May	148	613	93	722	772	1054	100	661	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
MISSEZULA MOUNTAIN	2G05	1550	13-May	0	0	0	60	106	218	0	54	46
ISINTOK LAKE	2F11	1680	13-May	0	0	0	10	87	386	0	78	44
LOST HORSE MOUNTAIN	2G04	1920	19-May	25	135	70	222		577	0	192	43
BLACKWALL PEAK	2G03P	1940	15-May	159	720	102	675	844	1481	199	706	42
HARTS PASS	WA09P	1980	15-May	193	728	76	917	1128	1748	345	952	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
DOG MOUNTAIN	3A10	1080	13-May	155	786	71	1073	1655	2920Z	0	1100	24
ORCHID LAKE	3A19	1190	14-May	350	1726	91	1432	2120A	3730A	774	1900	28
ORCHID LAKE	3A19P	1190	15-May	N/A	1616	91			2804	536	1770*	20
UPPER SQUAMISH RIVER	3A25P	1340	15-May	429	1621	107		1504	1950	709	1515	19
NOSTETUKO RIVER	3A22P	1500	15-May	N/A	653	171		386	908	19	381*	18
UPPER MOSELY CREEK	3A24P	1650	15-May	60	282	187	165	180	480	0	151*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
JUMP CREEK	3B23P	1160	15-May	220	1049	108	851	1890	1890	0	975	13
WOLF RIVER (UPPER)	3B17P	1490	15-May	N/A	1911	146	881	1405	1726	213	1300	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02P	1300	15-May	N/A	1250	100	1064	1234	2347	671	1255	17
BURNT BRIDGE CREEK	3C08P	1330	15-May	N/A	538	81		840	1444	206	661*	12

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
HARTS PASS	WA09P	1980	15-May	193	728	76	917	1128	1748	345	952	12

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres		May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
AIKEN LAKE	4A30P	1040	15-May	N/A	0	0	113	173	214	0	0	23
PULPIT LAKE	4A09P	1310	15-May	N/A	168	73	460	418	576	49	230	19
PINE PASS	4A02P	1400	15-May	N/A	849	79	1107	1311	1658	813	1073	18
KWADACHA RIVER	4A27P	1620	15-May	N/A	270	79	386	428	468	109	343*	23

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres		May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm	
CEDAR-KITEEN	4B18P	885	15-May	0	9	2	825	550	972	116	454*	9
LU LAKE	4B15P	1310	15-May	N/A	113	83	282	173	445	0	136*	11
TSAI CREEK	4B17P	1360	15-May	N/A	1308	103	1387	1443	2138	810	1271*	12
HUDSON BAY MTN.	4B03A	1480	14-May	98	420	95	540	533	822	160	441	37
SHEDIN CREEK	4B16P	1480	15-May	N/A	568	59	1086		1241	660	964*	12

YUKON Drainage Basin

Snow Course Name and Number	Elev. metres		May 15 2010			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2008 mm	2008 mm	Max. mm	Min. mm	Normal mm		
LOG CABIN	4E01	880	17-May	40	146	73		265Z	420	0	200	22
A - SAMPLING PROBLEMS WERE ENCOUNTERED												
B - EARLY OR LATE SAMPLING												
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED												
E - ESTIMATED BASED ON AREAL AVERAGE												
* - PERIOD OF RECORD AVERAGE												



Water Supply and Snow Survey Bulletin – June 1, 2010

The June 1 snow survey is now complete. This is a small survey. Data from 21 manual snow courses and 50 automated snow pillows around the province, along with weather data from Environment Canada, have been used to form the basis of the following report.

Weather

Following the drier than normal winter for most of the province (except for Vancouver Island and the South Coast), the weather turned wet in May in many areas. A series of cold low pressure systems pushed through BC during the month, bringing a mix of frontal and convective rain to the province, with heavy and widespread rain in some areas:

- Rainfall at locations on the South Coast and Vancouver Island varied from 100% to 167% of normal during May. This follows a wetter than normal April.
- Most of the South Interior, including the Thompson, Nicola, Okanagan, Kootenay, and southern portions of the Columbia, has been wet. Observed May rainfall was: Lytton – 291% of normal; Kamloops – 224%; Kelowna – 135%; Penticton – 203%; Princeton – 163% - Vernon – 98%; Castlegar – 118%; Cranbrook – 112%; Creston – 97%.
- Northern portions of the Columbia, and adjacent areas of the South Thompson basin were dry during May: Golden – 48% of normal; Revelstoke – 63%; Salmon Arm – 80%. These areas were dry during April as well, with 63%, 51% and 65% of normal April rainfall, respectively.
- Rainfall in the Central Interior (Upper Fraser, Mid Fraser, Nechako, Peace) ranged from slightly below normal to near normal. The Bulkley and Stuart river basins appears to have been wet, with Fort St. James and Smithers receiving 189% and 153% of normal May rain.
- Western portions of the Skeena basin, the Nass basin, and the Central Coast were dry during May (and April). Prince Rupert received only 26% of normal May rainfall: Bella Coola received 31%; Terrace received 87%.

Along with the rain, May was very cool, with average May temperatures ranging from 0.5° to 2.0° cooler than normal across most of the province.

Current Snowpack:

At the peak of the snow accumulation season near the end of April, snowpacks were below normal or well below normal across most of the Interior and above normal on the South Coast and Vancouver Island. Since then, snow melt has been proceeding steadily, although at a slower than normal pace due to the cool weather of the past month. All low and mid slope snow has melted, and only high elevation snow remains to melt. With the precipitation in May, some new snow accumulations occurred at a few high elevation sites across the province, but most high elevation measurement sites continued to decline steadily. At some high elevation locations in the Interior, the snowmelt is 2-3 weeks delayed, as a result of the cool May weather. This delay prolongs the snowmelt period into mid and late June.

Water Supply Outlook:

Current conditions indicate a likelihood of well below normal freshet runoff, and low risk for freshet flooding in the major river basins (Fraser, Thompson, Skeena, Bulkley, Nass, Peace, Liard, etc.). Water levels on large rivers throughout the province have been rising, with local variations due to changes in weather. All rivers are currently well below flood level. With the cool weather and prolonged snowmelt, the freshet peaks on the major and are expected to peak near mid-June. Many smaller rivers

experienced their freshet peaks in May, and had been receding. Rainfall during May, however, has caused the water levels on many of these smaller rivers to rise. The delayed melt and the May rainfall have been beneficial to summer water supply, extending runoff into the beginning of the summer season.

The well below normal May 1 snowpack conditions across much of the South Interior (Okanagan, Nicola, Kettle, Similkameen, West Kootenay, East Kootenay) resulted in potential for low stream flows and water-supply challenges to develop during the summer. These areas were classified as Drought Level 3 (Very Dry Conditions) at May 1. The widespread and above normal rainfall during May in these areas has input significant amounts of water into rivers, lakes and reservoirs, and has helped alleviate some of the water supply concerns. As a result, they are now being downgraded to Drought Level 2 (Dry Conditions). Near normal June and July rainfall will be needed to continue to reduce water supply concerns.

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	Jun 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	
HEDRICK LAKE 1A14P	1100	01-Jun	67	388	104	802	551	1380	0	374*	10
BIRD CREEK 1A23	1180	28-May	0	0	0	0	0	0	0	0*	16
LU LAKE 4B15P	1310	01-Jun	0	0	0	0	0	180	0	38*	11
BARKERVILLE 1A03P	1520	01-Jun	0	0	0	34	0	291	0	66	26
MC BRIDE (UPPER) 1A02	1580	31-May	21	96	47	370B		592	0	204	41
MCBRIDE (UPPER) 1A02P	1620	01-Jun	27	107	60	266	45	308	45	177*	3
REVOLUTION CREEK 1A17P	1690	01-Jun	103	428	86	802	608	974	0	495	25
DOME MOUNTAIN 1A19	1820	31-May	115	528	80	918B	694	1062	0	664	38
DOME MOUNTAIN 1A19P	1820	01-Jun	N/A	499	68	893	536	1069	536	729*	4
YELLOWHEAD 1A01P	1860	01-Jun	86	464	100	356	218	857	0	464	13

NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	28-May	195	963	96	1039	924	1828Z	406	1007	35
TAHTSA LAKE 1B02P	1300	01-Jun	N/A	945	94	1003	841	2164	277	1001	17
KIDPRICE LAKE 4B01	1370	28-May	110	587	88	1032	260	1359A	0	666	35
MOUNT PONDOSY 1B08P	1400	01-Jun	N/A	171	61	253		951	0	280	16
MOUNT WELLS 1B01	1490	28-May	48	211	84	475	58	529	0	250	33
MOUNT WELLS 1B01P	1490	01-Jun	N/A	189	78	585	21	722	0	250	18
NUTLI LAKE 1B07	1490	28-May	63	292	133	389	97	618Z	0	219*	19
MOUNT SWANNELL 1B06	1620	28-May	0	0	0	263	0	350Z	0	108*	21

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	N/A	114	65	184	229	435	0	175	16
BRENDA MINE	2F18P	1460	01-Jun	N/A	0	0	51	0	51	0	0	16
BARKERVILLE	1A03P	1520	01-Jun	0	0	0	34	0	291	0	66	26
YANKS PEAK EAST	1C41P	1670	01-Jun	45	347	59	798	589	1016	128	590	12
PENFOLD CREEK	1C23	1680	31-May	145	758	89	1040B	869	1354	353	847	39
GREEN MOUNTAIN	1C12P	1780	01-Jun	N/A	963	199	195	402	1183	140	610	16
MISSION RIDGE	1C18P	1850	01-Jun	N/A	195	128	0	0	573	0	151	22

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
DISAPPOINTMENT LAKE	1D18P	1040	01-Jun	N/A	1215	125			1582P	564P	972*	5
CALLAGHAN CREEK	3A20	1040	31-May	79	394	179	80	398	1228	0	220	26
DOG MOUNTAIN	3A10	1080						1191	2480Z	0	850	23
BEAVER PASS	WA12	1120						510	1270	0	332*	16
SPUZZUM CREEK	1D19P	1180	01-Jun	223	1350	119	638	1616	1823	0	1131*	10
WAHLEACH LAKE	1D09P	1400	01-Jun	N/A	911	140	869	1241	1359	0	650	17
CHILLIWACK RIVER	1D17P	1600	01-Jun	230	1451	142	1200	1301	1969	0	1023*	14
TENQUILLE LAKE	1D06P	1680	01-Jun	N/A	1135	154	349	634	1418	225	739*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	N/A	114	65	184	229	435	0	175	16
MOUNT COOK	1E02P	1550	01-Jun	187	1271	123	1099	1459	1579	593	1034*	9
AZURE RIVER	1E08P	1620	01-Jun	107	908	88	881	907	1778	473	1030	13
ADAMS RIVER	1E07	1720	29-May	122	623	105	510	542	1155	0	595	40
KOSTAL LAKE	1E10P	1770	01-Jun	133	676	97	825	855	1377	155	700	25

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
CELISTA 1F06P	1500	01-Jun	107	611	76	506		840	116	478*	3
ADAMS RIVER 1E07	1720	29-May	122	623	105	510	542	1155	0	595	40
SILVER STAR MOUNTAIN 2F10	1840	31-May	110	562	120	475	502	980	0	468	51
PARK MOUNTAIN 1F03P	1890	01-Jun	N/A	761	103	851	911	1269	296	742	24
ENDERBY 1F04	1900	31-May	197	967	101	885	1068	1422	430	960	46

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
AZURE RIVER 1E08P	1620	01-Jun	107	908	88	881	907	1778	473	1030	13
MOUNT REVELSTOKE 2A06P	1830	01-Jun	N/A	795	69	803	1084	2063	240	1146	17
MOLSON CREEK 2A21P	1980	01-Jun	N/A	968	120	889	1024	1512	98	810	26
BOW SUMMIT II AL07A	2080						127	414	0	165*	28

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
BARNES CREEK 2B06P	1620	01-Jun	N/A	113	55	338	304	529	0	205	17
ST. LEON CREEK 2B08P	1800	01-Jun	N/A	638	78	795	772	1580	225	815	16
RECORD MOUNTAIN 2B09	1890	29-May	95	450	102	238	102	1073	0	442	33
EAST CREEK 2D08P	2030	01-Jun	N/A	608	68	563	761	1256	111	770	27

EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
SULLIVAN MINE	2C04	1550	29-May	0	0	0	0T	137	0	13	27
BANFIELD MOUNTAIN	MT05P	1710	01-Jun	0	0	13	46	254	0	74	12
MORRISSEY RIDGE	2C09Q	1800	01-Jun	N/A	113	109	244	810	0	140	25
RED MOUNTAIN	MT04	1830					198	559	0	127*	43
MOYIE MOUNTAIN	2C10P	1930	01-Jun	0	0	8	0	438	0	60	24
HAWKINS LAKE	MT06P	1970	01-Jun	76	354	307	356	947	0	495	13
FLOE LAKE	2C14P	2090	01-Jun	N/A	566	465	551	979	98	610	15
HIGHWOOD SUMMIT (BUSH)	AL02	2210					458	671	89	365*	29
SUNSHINE VILLAGE	AL05	2230					541	902	107	486*	25

WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
BUNCHGRASS MEADOW	WA01P	1520	01-Jun	69	277	221	229	800	0	127	12
GRAY CREEK (LOWER)	2D05	1550			Not Sampled	312	294	551	0	210	56
GRAY CREEK (UPPER)	2D10	1910	27-May	105	487	629	705	1120	0	535	37
EAST CREEK	2D08P	2030	01-Jun	N/A	608	563	761	1256	111	770	27
REDFISH CREEK	2D14P	2104	01-Jun	216	1200	867	1234	1624	760	1153*	8

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
BIG WHITE MOUNTAIN	2E03	1680	31-May	49	242	125	102	658	0	202	44
GRANO CREEK	2E07P	1860	01-Jun	52	300	263	326	754	0	307*	12

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
BRENDA MINE 2F18P	1460	01-Jun	N/A	0	0	51	0	51	0	0	16
MISSION CREEK 2F05P	1780	01-Jun	90	391	166	300	334	641	0	236	38
MOUNT KOBAL 2F12	1810	27-May	60	271	205	40	0	488	0	132	44
WHITEROCKS MOUNTAIN 2F09	1830	30-May	44	194	99	61	93	848	0	196	38
SILVER STAR MOUNTAIN 2F10	1840	31-May	110	562	120	475	502	980	0	468	51

SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
FREEZEOUT CREEK TRAIL WA11	1070						0	152	0	10*	17
BLACKWALL PEAK 2G03P	1940	01-Jun	125	589	126	345	503	1253	0	452	42
HARTS PASS WA09	1980						874	1737	338	917*	17
HARTS PASS WA09P	1980	01-Jun	165	478	78	541	632	1557	76	615	12

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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 3A09P	880	01-Jun	N/A	N/A	N/A			354	354	354*	2
CALLAGHAN CREEK 3A20	1040	31-May	79	394	179	80	398	1228	0	220	26
DOG MOUNTAIN 3A10	1080						1191	2480Z	0	850	23
ORCHID LAKE 3A19	1190							3648Z	174	1560	29
ORCHID LAKE 3A19P	1190	01-Jun	N/A	1395	99			2463	124	1408*	19
UPPER SQUAMISH RIVER 3A25P	1340	01-Jun	487	1431	117	N	1178	1729	461	1220	19
NOSTETUKO RIVER 3A22P	1500	01-Jun	N/A	304	301	60	0	582	0	101*	18
UPPER MOSELY CREEK 3A24P	1650	01-Jun	N/A	55	183	0	0	214	0	30*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
JUMP CREEK	3B23P	1160	01-Jun	168	747	144	315	1234	1234	0	520	13
WOLF RIVER (UPPER)	3B17P	1490	01-Jun	N/A	1795	180	527	923	2465	58	980	22

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	28-May	195	963	96	1039	924	1828Z	406	1007	35
TAHTSA LAKE	1B02P	1300	01-Jun	N/A	945	94	1003	841	2164	277	1001	17
BURNT BRIDGE CREEK	3C08P	1330	01-Jun	N/A	199	60		281	1133	0	333*	12

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
FREEZEOUT CREEK TRAIL	WA11	1070						0	152	0	10*	17
BEAVER PASS	WA12	1120						510	1270	0	332*	16
HARTS PASS	WA09	1980						874	1737	338	917*	17
HARTS PASS	WA09P	1980	01-Jun	165	478	78	541	632	1557	76	615	12

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 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	
AIKEN LAKE	4A30P	1040	01-Jun	N/A	0	0	0	0	0	0	0	23
PULPIT LAKE	4A09P	1310	01-Jun	N/A	0	0	213	6	241	0	0	19
PINE PASS	4A02P	1400	01-Jun	N/A	598	75	1017	1064	1500A	183	795	17
KWADACHA RIVER	4A27P	1620	01-Jun	N/A	15	7	349	233	458	0	217*	21

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
NOTE: No Surveys currently done in this basin.											

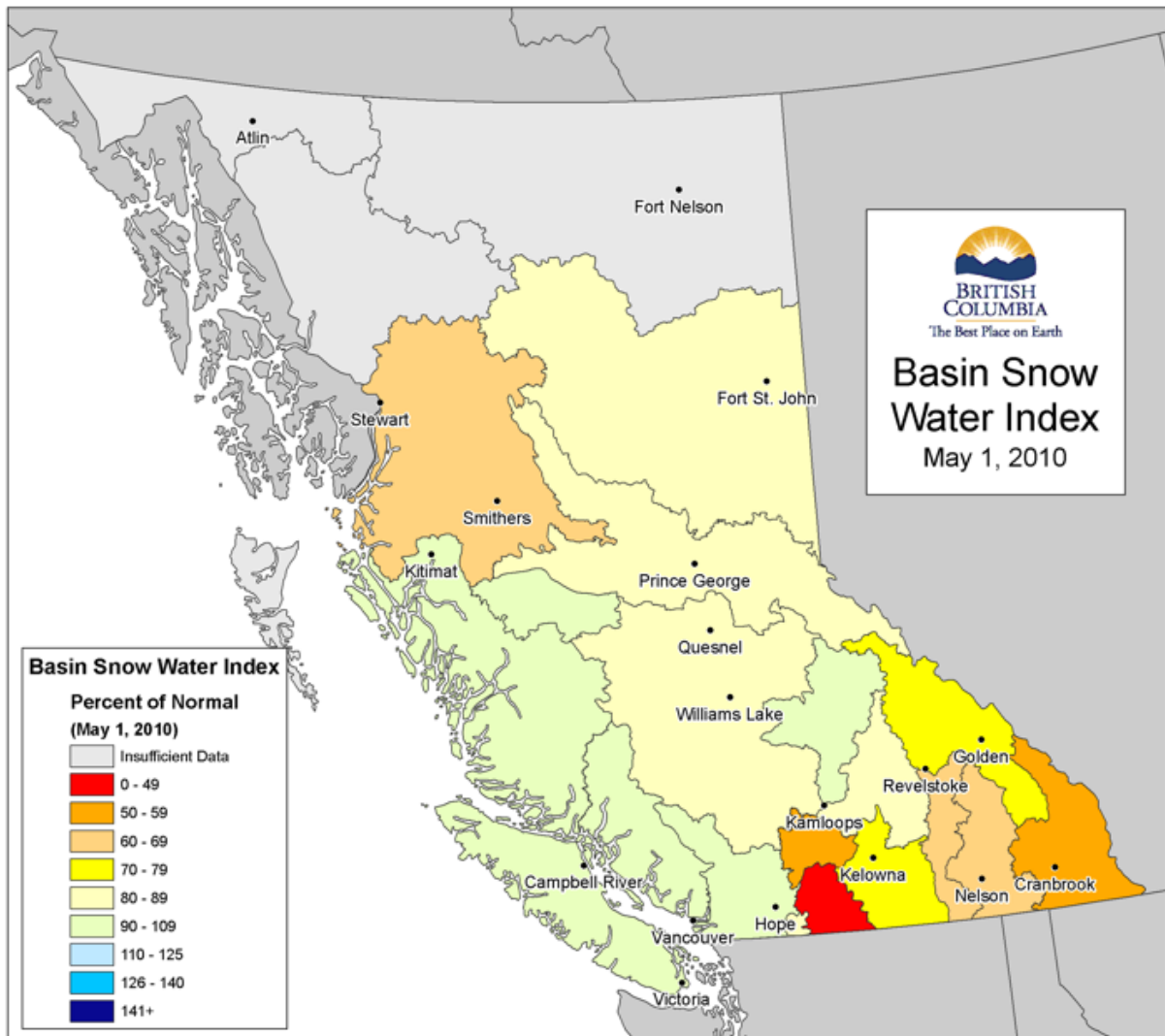
SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres		Jun 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	
CEDAR-KITEEN	4B18P	885	01-Jun	N/A	0	0	506	112	646	0	175*	9
LU LAKE	4B15P	1310	01-Jun	0	0	0	0	0	180	0	38*	11
TSAI CREEK	4B17P	1360	01-Jun	132	1039	101	1329	957	2123	371	1033*	12
KIDPRICE LAKE	4B01	1370	28-May	110	587	88	1032	260	1359A	0	666	35
HUDSON BAY MTN.	4B03A	1480	28-May	56	260	90		229	729	0	288	37
SHEDIN CREEK	4B16P	1480	01-Jun	28	293	40	983		1279	98	736*	12

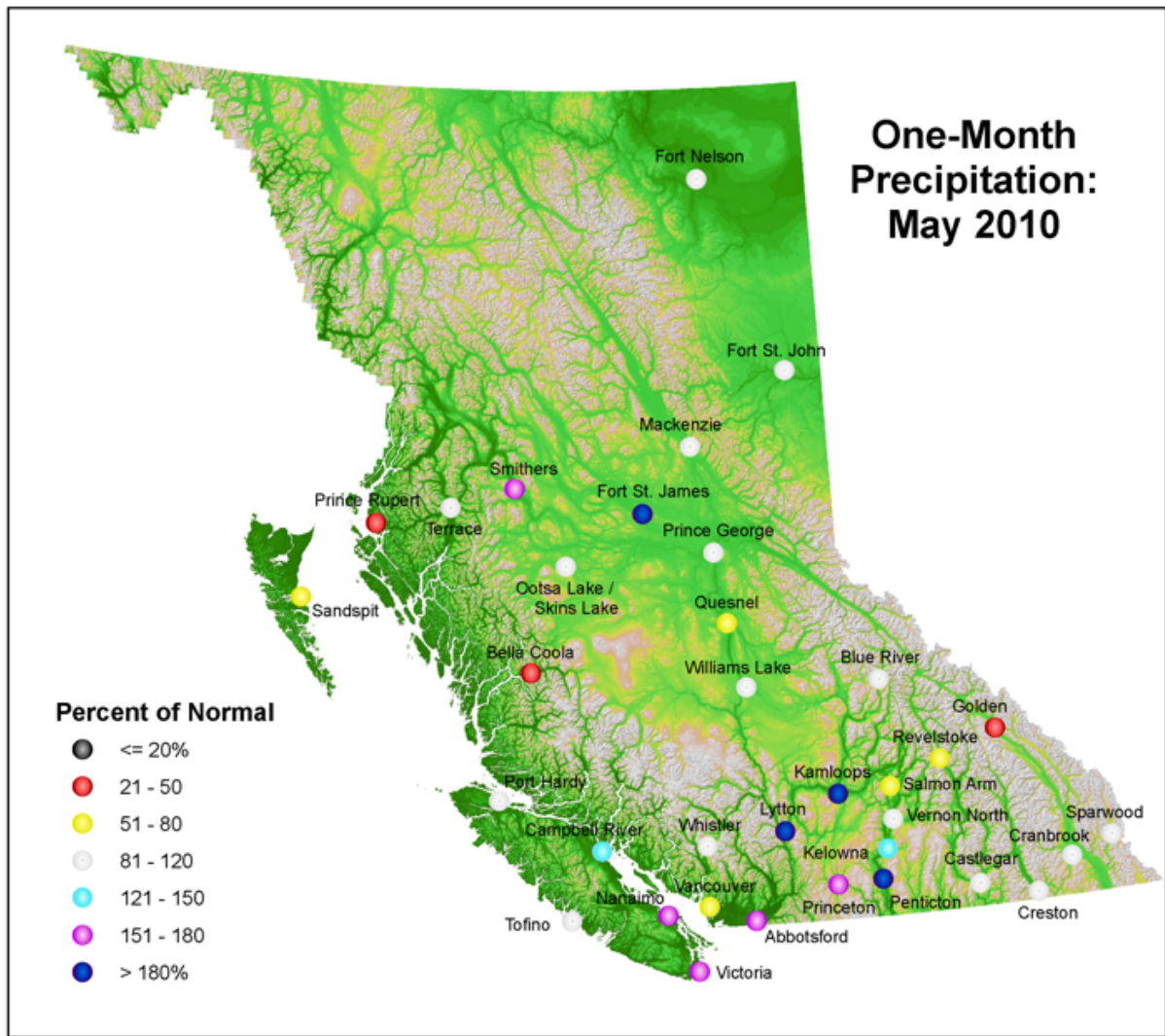
STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 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	
NOTE: No Surveys currently done in this basin.											
A - SAMPLING PROBLEMS WERE ENCOUNTERED											
B - EARLY OR LATE SAMPLING											
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED											
E - ESTIMATED BASED ON AREAL AVERAGE											
* - PERIOD OF RECORD AVERAGE											

Due to limited data for the June 1st snow survey, the Basin Index Map is not updated. The May 1st Basin Index Map provides the best indication of end-of-winter snow conditions.



May 2010 Precipitation Map



Precipitation Data for Selected BC Locations (from Environment Canada)

	April 2010			May 2010		
	Precip - Obs	Precip - Normal	% of Normal	Precip - Obs	Precip - Normal	% of Normal
Port Hardy	134.8	118.8	113%	75.8	77.5	98%
Campbell River	144.5	84.2	172%	83.6	67.1	125%
Nanaimo	97.0	63.1	154%	83.4	49.9	167%
Victoria A	47.0	44.5	106%	61.1	36.5	167%
Tofino A	284.8	248.9	114%	161.2	165.3	98%
Vancouver A	88.0	84.0	105%	53.6	67.9	79%
Abbotsford	94.7	120.2	79%	149.6	99.1	151%
Whistler	114.3	75.0	152%	62.0	66.2	94%
Bella Coola A	58.4	89.0	66%	20.0	63.9	31%
Sandspit	85.0	102.0	83%	41.5	63.2	66%
Prince Rupert	27.0	178.7	15%	36.5	139.5	26%
Terrace A	39.5	71.0	56%	46.2	53.3	87%
Smithers	31.6	21.3	148%	55.0	36.0	153%
Fort St. James	30.0	21.4	140%	67.4	35.7	189%
Fort Nelson	4.1	18.2	23%	41.1	48.3	85%
Fort St. John	9.8	18.8	52%	46.5	39.7	117%
Mackenzie	19.5	24.5	80%	38.0	43.6	87%
Ootsa Lake / Skins Lake	9.4	14.3	66%	27.8	26.7	104%
Prince George A	36.0	32.2	112%	47.6	50.9	94%
Quesnel	29.0	21.9	132%	28.0	40.7	69%
Williams Lake	8.4	21.9	38%	38.8	39.4	98%
Blue River A	38.0	52.0	73%	58.8	70.1	84%
Kamloops A	13.8	14.6	95%	54.6	24.4	224%
Lytton	22.5	19.3	117%	53.0	18.2	291%
Salmon Arm	29.1	44.6	65%	45.4	56.4	80%
Revelstoke	28.5	55.4	51%	37.0	58.3	63%
Golden	13.8	22.0	63%	17.2	36.2	48%
Cranbrook	27.0	26.2	103%	48.2	43.2	112%
Sparwood	36.8	38.4	96%	55.3	61.9	89%
Creston	15.2	42.1	36%	54.6	56.4	97%
Castlegar	55.1	58.4	94%	81.3	68.8	118%
Penticton A	23.0	26.6	86%	75.8	37.3	203%
Kelowna	17.6	26.2	67%	52.6	39.0	135%
Vernon North	7.9	29.0	27%	45.6	46.5	98%
Princeton A	7.4	17.8	42%	45.2	27.7	163%

Climate Data: http://climate.weatheroffice.gc.ca/climateData/menu_e.html

Normals: http://climate.weatheroffice.gc.ca/climate_normals/index_e.html



Water Supply and Snow Survey Bulletin – June 15, 2010

The June 15 snow survey is now complete. This is a small survey, and is the final survey of the 2010 season. Data from 50 automated snow pillows around the province have been used to form the basis of the following report.

Weather:

Weather during the first two weeks of June has continued in the pattern set in late April – cool and damp. As a result of the cool weather, snowmelt has been slow and steady. Early June has brought further rainfall to most of the province.

Current Snowpack:

The 2010 spring snowmelt is almost complete. Low and mid elevation snow is gone, and the melt of high elevation snow is well advanced. Many high elevation snow pillows across the province are now recording zero snow. For the remaining pillows, about one-third of their maximum snow water remains to melt.

Water Supply Outlook:

Major rivers in the province have experienced their freshet peak flows and are now beginning to decline. Due to the poor winter snowpack, the freshet peaks on major rivers were notably well below normal:

- The Skeena River peaked on May 29, near 3200 cubic metres per second (m^3/s), well below average.
- The North Thompson River peaked on June 15 at 1325 m^3/s , the second lowest freshet peak discharge recorded since 1959.
- The Thompson River at Kamloops peaked on June 16, at the 3rd lowest freshet peak discharge recorded since 1952.
- The Fraser River at Hope peaked on June 17, at a discharge of 5820 m^3/s , the 2nd lowest freshet peak discharge recorded since 1912.

Water levels on smaller rivers in the south Interior are generally above normal at the present, due to the sustained wet weather during May and early June. This rainfall has been beneficial for summer water supply. However, well below normal water levels should be anticipated this summer for the mainstream Fraser, Thompson, Skeena and Nass rivers.

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	Jun 15 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	
HEDRICK LAKE	1A14P	1100	15-Jun	2	7	20	256	26	293	0	35*	10
LU LAKE	4B15P	1310	15-Jun	0	0	0	0	0	0	0	0*	11
BARKERVILLE	1A03P	1520	15-Jun	0	0	0	0	0	37	0	0	17
MCBRIDE (UPPER)	1A02P	1620	15-Jun	0	0	0	0	0	0	0	0*	4
REVOLUTION CREEK	1A17P	1690	15-Jun	44	144	60	477	345	724	0	240	24
DOMO MOUNTAIN	1A19P	1820	15-Jun	N/A	285	66	600	326	694	278	433*	4
YELLOWHEAD	1A01P	1860	15-Jun	18	202	88	23	0	641	0	229	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	1B02P	1300	15-Jun	N/A	613	94	552	610	1871	0	649	17
MOUNT PONDOSY	1B08P	1400	15-Jun	N/A	0	0	0		481	0	0	16
MOUNT WELLS	1B01P	1490	15-Jun	N/A	0	0	82	0	320	0	0	18

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
BOSS MOUNTAIN MINE	1C20P	1460	15-Jun	0	0	0	0	0	131	0	0	16
BRENDA MINE	2F18P	1460	15-Jun	N/A	0	0	0	0	0	0	0*	17
BARKERVILLE	1A03P	1520	15-Jun	0	0	0	0	0	37	0	0	17
YANKS PEAK EAST	1C41P	1670	15-Jun	N/A	24	8	315	353	754	0	315	13
GREEN MOUNTAIN	1C12P	1780	15-Jun	N/A	652	329	0	195	933	0	340	16
MISSION RIDGE	1C18P	1850	15-Jun	N/A	0	0	0	0	253	0	0	23

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
DISAPPOINTMENT LAKE	1D18P	1040	15-Jun	N/A	886	161			966P	0P	552*	5
DOG MOUNTAIN	3A10	1080	12-Jun	59	310	65		984	2088Z	0	480	24
SPUZZUM CREEK	1D19P	1180	15-Jun	164	1061	134		1395	1403	0	789*	10
WAHLEACH LAKE	1D09P	1400	15-Jun	N/A	750	188	518	1122	1185	0	400	17
CHILLIWACK RIVER	1D17P	1600	15-Jun	165	1054	143	724	1151	1759	0	735*	15
TENQUILLE LAKE	1D06P	1680	15-Jun	N/A	904	198	0	431	1182	0	457*	9

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
BOSS MOUNTAIN MINE	1C20P	1460	15-Jun	0	0	0	0	0	131	0	0	16
MOUNT COOK	1E02P	1550	15-Jun	129	949	144	664	1099	1155	281	660*	9
AZURE RIVER	1E08P	1620	15-Jun	49	587	86	394	543	1489	94	680	13
KOSTAL LAKE	1E10P	1770	15-Jun	71	370	109	96	585	1285	0	340	25

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
CELISTA	1F06P	1500	15-Jun	57	289	165	45		379	0	190*	3
PARK MOUNTAIN	1F03P	1890	15-Jun	N/A	548	120	480	851	1095	0	458	24
ENDERBY	1F04	1900	17-Jun	143	767	107	623	1042	1326	62	715	31

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
AZURE RIVER	1E08P	1620	15-Jun	49	587	86	394	543	1489	94	680	13
MOUNT REVELSTOKE	2A06P	1830	15-Jun	N/A	525	66	458	904	1801	0	800	17
MOLSON CREEK	2A21P	1980	15-Jun	N/A	679	126	458	795	1163	0	540	25

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
BARNES CREEK	2B06P	1620	15-Jun	N/A	0	0	0	169	0	0	17
ST. LEON CREEK	2B08P	1800	15-Jun	N/A	416	390	585	1351	0	525	16
RECORD MOUNTAIN	2B09	1890	13-Jun	35	160	0	0	949	0	220	21
EAST CREEK	2D08P	2030	15-Jun	N/A	409	214	551	1163	0	525	26

EAST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
BANFIELD MOUNTAIN	MT05P	1710	15-Jun	0	0	0	0	8	0	5	12
MORRISSEY RIDGE	2C09Q	1800	15-Jun	N/A	0	0	0	458	0	0	25
MOYIE MOUNTAIN	2C10P	1930	15-Jun	0	0	0	0	25	0	0	20
HAWKINS LAKE	MT06P	1970	15-Jun	0	0	0	64	683	0	185	13
FLOE LAKE	2C14P	2090	15-Jun	N/A	413	188	394	862	0	432	15

WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
BUNCHGRASS MEADOW	WA01P	1520	15-Jun	0	0	0	5	394	0	0	12
EAST CREEK	2D08P	2030	15-Jun	N/A	409	214	551	1163	0	525	26
REDFISH CREEK	2D14P	2104	15-Jun	167	971	484	1111	1421	484	894*	8

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
GRANO CREEK	2E07P	1860	15-Jun	1	8	0	161	503	0	115*	12

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
BRENDA MINE	2F18P	1460	15-Jun	N/A	0	0	0	0	0	0*	17
MISSION CREEK	2F05P	1780	15-Jun	38	155	0	274	424	0	0	38

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
BLACKWALL PEAK	2G03P	1940	15-Jun	60	308	128	0	386	1031	0	240	42
HARTS PASS	WA09P	1980	15-Jun	99	186	73	20	470	1267	0	254	11

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	3A09P	880	15-Jun	N/A	N/A	N/A			8	8	8*	2
DOG MOUNTAIN	3A10	1080	12-Jun	59	310	65		984	2088Z	0	480	24
ORCHID LAKE	3A19	1190	14-Jun	281	1528	133		1331	1910	0	1150	29
ORCHID LAKE	3A19P	1190	15-Jun	N/A	1116	97			2074	0	1150*	18
UPPER SQUAMISH RIVER	3A25P	1340	15-Jun	551	1147	140		956	1463	131	820	19
NOSTETUKO RIVER	3A22P	1500	15-Jun	0	0	0	60	0	116	0	18*	19
UPPER MOSELY CREEK	3A24P	1650	15-Jun	0	0	0	0	0	0	0	0*	21

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
JUMP CREEK	3B23P	1160	15-Jun	92	274	161	0	930	930	0	170	13
WOLF RIVER (UPPER)	3B17P	1490	15-Jun	N/A	1554	234	34	719	1088	0	580	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	1B02P	1300	15-Jun	N/A	613	94	552	610	1871	0	649	17
BURNT BRIDGE CREEK	3C08P	1330	15-Jun	0	0	0		0	728	0	119*	12

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of	Jun 15 2010			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth	Water Equiv.	% of	2009 mm	2008 mm	Max. mm	Min. mm	Normal mm	
HARTS PASS WA09P	1980	15-Jun	99	186	73	20	470	1267	0	254	11

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
AIKEN LAKE	4A30P	1040	15-Jun	N/A	0	0	0	0	0	0	0*	23
PULPIT LAKE	4A09P	1310	15-Jun	N/A	0	0	0	0	0	0	0	19
PINE PASS	4A02P	1400	15-Jun	N/A	207	48	466	695	1082	0	435	18
KWADACHA RIVER	4A27P	1620	15-Jun	N/A	0	0	0	71	454	0	69*	21

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
NOTE: No Surveys currently done in this basin.											

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 15 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	
CEDAR-KITEEN	4B18P	885	15-Jun	0	0	0	0	0	113	0	23*	9
LU LAKE	4B15P	1310	15-Jun	0	0	0	0	0	0	0	0*	11
TSAI CREEK	4B17P	1360	15-Jun	91	669	107	808	581	1778	0	626*	12
HUDSON BAY MTN.	4B03A	1480	15-Jun	3	20	19		29	673	0	108	31
SHEDIN CREEK	4B16P	1480	15-Jun	0	0	0	372		896	0	390*	12

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 15 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	
<i>NOTE: No Surveys currently done in this basin.</i>											
A - SAMPLING PROBLEMS WERE ENCOUNTERED B - EARLY OR LATE SAMPLING C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED E - ESTIMATED BASED ON AREAL AVERAGE * - PERIOD OF RECORD AVERAGE											