



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%

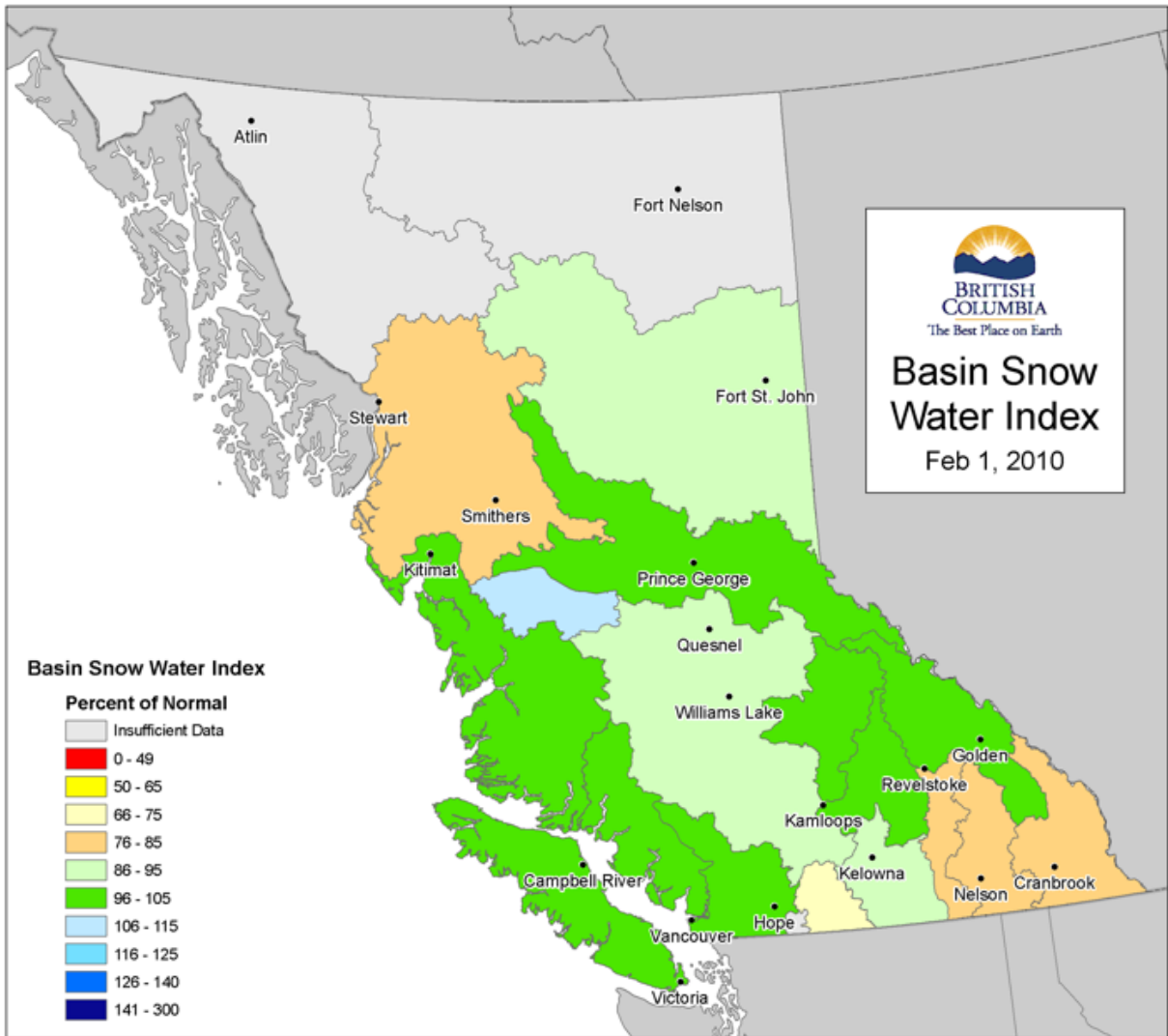
Outlook

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



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	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	384	87	390	514	574	285	440	16
MOUNT COOK	1E02P	1550	01-Feb	251	900	108	836	1088	1088	600	830*	8
AZURE RIVER	1E08P	1620	01-Feb	214	901	108	638	930	998	506	835	13
KOSTAL LAKE	1E10P	1770	01-Feb	143	N/A	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	168	61	238	254	483	130A	274	50
MONASHEE PASS	2E01	1370	07-Feb	70	185	76	282	194	364	122	245	50
CELISTA	1F06P	1500	01-Feb	N/A	645	95	488	596	788	596	680*	4
KIRBYVILLE LAKE	2A25	1750	26-Jan	258	945	117	635	942	1160	381	810	34
SILVER STAR MOUNTAIN	2F10	1840	30-Jan	143	466	92	448	547	229	721	507	51
PARK MOUNTAIN	1F03P	1890	01-Feb	N/A	494	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 KOBAN	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

SKEEN/NASS 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		
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
TSAI 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

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		
<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