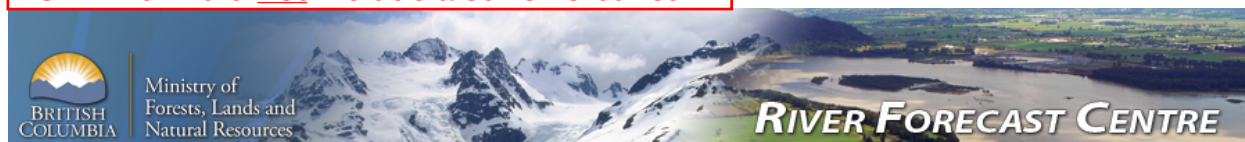


NOTE: 2012 did not include a June 15 bulletin.



Snow Survey and Water Supply Bulletin – January 1st, 2012

The January 1st snow survey is now complete. Data from 99 snow courses and 51 snow pillows around the province and out-of-province sampling locations, and climate data from Environment Canada, have been used to form the basis for the following reports¹.

Weather

Weather across British Columbia on average was near normal for October and November. December was drier than normal and 1-3°C warmer than normal across the province. However, persistent high pressure ridging, particularly in the southern portion of the province, led to a fairly distinct difference in seasonal weather between the north half and south half of the province. The combination of high pressure in the south and low pressure systems off the Gulf of Alaska created a more northerly flow to the movement of Pacific storm systems. This led to much wetter than normal conditions in the north, and drier than normal conditions in the south. The breakdown of the high pressure ridging in mid-December brought the return of a more southerly track to storm systems, and more typical seasonal weather patterns to southern British Columbia.

Snowpack

Basin snow water indices across British Columbia reflect the seasonal weather pattern of wetter conditions in the north and drier conditions in the south. Basin indices are above normal through the Upper Fraser, Nechako, Middle Fraser, North Thompson, Columbia, Skeena-Nass and Peace, with a high of 170% of normal in the Upper Fraser basin. Snow basin indices for the southern portion of the province is normal through the south and south-east (Similkameen, Kootenay) and below normal through most of the south Interior (Okanagan-Kettle, South Thompson) and south-west (Lower Fraser, South Coast, Vancouver Island). The lowest observed snow basin index is 77% of normal for the Lower Fraser.

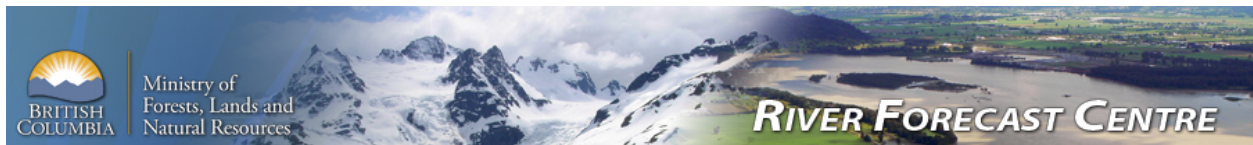
BC Snow Basin Indices – January 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	170%	Kootenay	101%
Nechako	124%	Okanagan-Kettle	72%
Middle Fraser	114%	Similkameen	107%
Lower Fraser	77%	South Coast	82%
North Thompson	109%	Vancouver Island	88%
South Thompson	80%	Peace	147%
Columbia	117%	Skeena-Nass	137%

Outlook

Last year's snow season was influenced by a strong La Niña event (cooler than normal sea surface temperatures in the equatorial Pacific Ocean), which may have contributed to higher

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.



Snow Survey and Water Supply Bulletin – January 1st, 2012

than normal snow packs, a cool spring, and a delayed and prolonged snow melt season. La Niña conditions have re-emerged over the past few months. The Climate Prediction Centre with the U.S. National Weather Service (NOAA) is predicting a weak to moderate La Niña event to persist into the spring of this year. In combination with La Niña, cool-phase Pacific Decadal Oscillation (PDO) conditions are present in the north-west Pacific with cooler than normal temperatures in the Gulf of Alaska. In-phase La Niña and PDO conditions tend to enhance seasonal climate effects. Current seasonal weather forecasts from Environment Canada are similar to what would be expected under La Niña and cool-phase PDO conditions, with cooler than normal and normal to wetter than normal conditions throughout most of British Columbia. Temperature anomaly outlooks tend to have greater forecast skill than precipitation anomaly outlooks.

By this date, generally about one-half of the annual BC snowpack has accumulated, with another 3 or more months of accumulation still to come. At this stage the two main issues in snow pack are the below-normal snow packs in the south Interior and south-west BC (and the potential for water supply issues into the summer of 2012), and the above-normal snow packs in the Upper Fraser, Peace and Skeena-Nass regions (and potential for increased spring flood risk). The current seasonal climate outlook is favourable for the development of above-normal snow packs through most of the province. This would assist in further developing the snow pack in regions that are currently below-normal, but may exacerbate snow pack in areas that are currently above-normal. It is currently too early in the snow accumulation season to be able to predict snow pack evolution over the remainder of the season with a high degree of certainty. The development of the snow pack through January and February will give a clearer picture on how these potential concerns evolve.

The next snow bulletin, for the month of January, will be available on or after February 7, 2012.

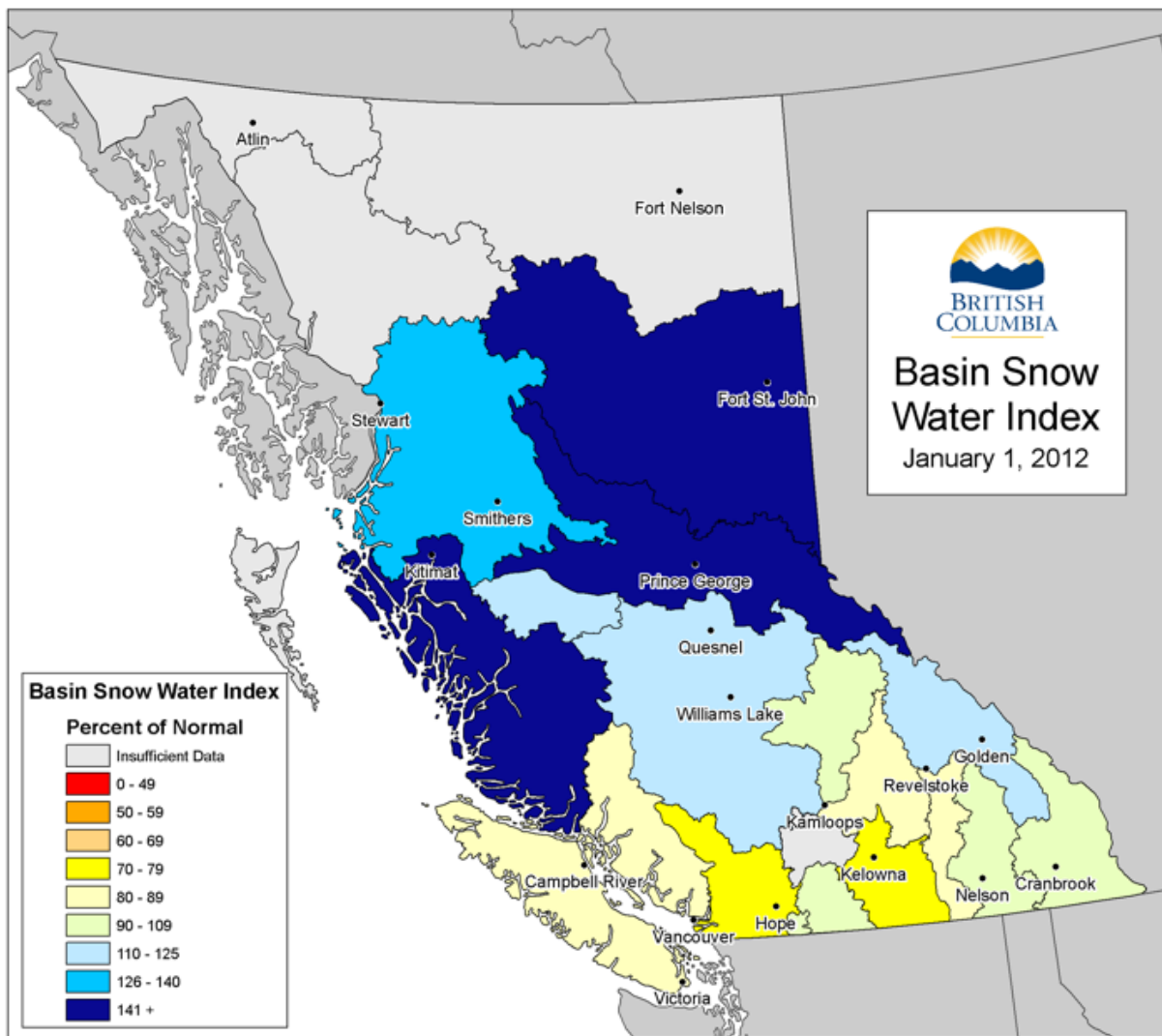
Produced by: BC River Forecast Centre
January 9, 2012



Ministry of
Forests, Lands and
Natural Resources

RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – January 1st, 2012



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UPPER FRASER Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
PRINCE GEORGE A	1A10	690	02-Jan	37	70	100	25	68	156	0	70	49
PACIFIC LAKE	1A11	770	06-Jan	170	559	180	167	381	476	56	310	27
BURNS LAKE	1A16	800	02-Jan	42	72	94	52		192	10	77	36
PHILIP LAKE	4A13	980	04-Jan	95	243	162	113	139	288	48	150	29
HEDRICK LAKE	1A14	1100	06-Jan	180	596	178	201	414	640	94	335	19
HEDRICK LAKE	1A14P	1100	01-Jan	208	640	201	178	471	503	139	318*	11
KAZA LAKE	1A12	1190					141	92	371	92	190	26
LU LAKE	4B15P	1310	01-Jan	75	198	141	138	135	289	41	140*	14
MOUNT SHEBA	4A18	1490	06-Jan	215	700	175	288	559	793	106	400	22
BARKERVILLE	1A03P	1520	01-Jan	87	208	124	100	183E	312	38	168	30
KNUDSEN LAKE	1A15	1580	06-Jan	223	760	185		498	821	125	410	19
MCBRIDE (UPPER)	1A02P	1620	01-Jan	151	383	178	147		270	184	215*	16
REVOLUTION CREEK	1A17P	1690	01-Jan	264	698	168	183	472	814	191	415	26
LONGWORTH (UPPER)	1A05	1740	06-Jan	202A	700A	200	228	510	694	114	350	21
DOMM MOUNTAIN	1A19P	1820	01-Jan	181	575	173	171	353	413	341	332*	5
YELLOWHEAD	1A01P	1860	01-Jan	126	359	106	186	412	428	184	340	15

NECHAKO Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
SKINS LAKE	1B05	880					54	52	127	0	65	26
TAHTSA LAKE	1B02P	1300	01-Jan	N/A	855	122	652	701	1155	369	703	19
KIDPRICE LAKE	4B01	1370					460	N/A	N/A	N/A	N/A	2
MOUNT PONDOSY	1B08P	1400	01-Jan	N/A	510	113	314	399	686	204	451	18
MOUNT WELLS	1B01	1490					220	N/A	N/A	N/A	N/A	2
MOUNT WELLS	1B01P	1490	01-Jan	N/A	415	127	223	316	518	131	328	19
NUTLI LAKE	1B07	1490					206	N/A	N/A	N/A	N/A	2
MOUNT SWANNELL	1B06	1620					134	N/A	N/A	N/A	N/A	2

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PUNTZI MOUNTAIN	1C22	940	29-Dec	3	12	30	24		106	0	40	37
NAZKO	1C08	1070	31-Dec	14	27	49	45		84	0	55	25
BIG CREEK	1C21	1140	27-Dec	5	10	28	14		62	10	36	24
GRANITE MOUNTAIN	1C33A	1150	05-Jan	44	97	97	63	116	116	46	100	6
BRIDGE GLACIER (LOWER)	1C39	1400	06-Jan	150	366	122	332	466	456	86	300*	16
BRALORNE	1C14	1450	06-Jan	37A	74A	82	80	118	158	0	90	17
BOSS MOUNTAIN MINE	1C20P	1460	01-Jan	115	287	90	192	336	461	184	320	18
LAC LE JEUNE (UPPER)	1C25	1460	30-Dec	26	49	65	59	61	146	10	75	38
BRENDA MINE	2F18P	1460	01-Jan	N/A	121	67	N/A	151	304	100	180	16
BARKERVILLE	1A03P	1520	01-Jan	87	208	124	100	183	312	38	168	30
MOUNT TIMOTHY	1C17	1660	06-Jan	63	350	226			251	38	155	15
YANKS PEAK EAST	1C41P	1670	01-Jan	165	509	121	246	423	491	199	422	15
GREEN MOUNTAIN	1C12P	1780	01-Jan	N/A	453	103	401	664	750	192	440	18
MCGILLIVRAY PASS	1C05	1800					220	406	458	140	260	17
MISSION RIDGE	1C18P	1850	01-Jan	N/A	291E	107	189	324E	659	148	272	24
DOWNTON LAKE (UPPER)	1C38	1890	06-Jan	215	540	127	400	664	690	272	425	15
TYAUGHTON CREEK (NORTH)	1C40	1950					220	418	418	92	175	15
BRALORNE(UPPER)	1C37	1980	06-Jan	151	352	96	244	472	504	116	368	16

LOWER FRASER Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
DISAPPOINTMENT LAKE	1D18P	932	01-Jan	N/A	583	85	839	682	1304	276	686	9
DICKSON LAKE	1D16	1070					612	550	2120	274	785*	16
DOG MOUNTAIN	3A10	1080	05-Jan	105	366	76	515	548	897	96	480	25
BEAVER PASS	WA12	1120					468		600	109	313*	7
KLESILKWA	3D03A	1130					112	84	386	0	185	20
SPUZZUM CREEK	1D19P	1180	01-Jan	167	727	110	572	690	1231	326	658*	13
STAVE LAKE	1D08	1210					713	746	3150	112	630	20
WAHLEACH LAKE	1D09	1400					242	224	417	46	260	22
WAHLEACH LAKE	1D09P	1400	01-Jan	N/A	314	60	317	399	777	235	520	19
NAHATLATCH RIVER	1D10	1520					643	850	2690	219	600	17
EASY PASS	WA13	1580					990	488	990	488	739*	2
CHILLIWACK RIVER	1D17P	1600	01-Jan	214	884	135	656	686	1165	383	655*	19
TENQUILLE LAKE	1D06P	1680	01-Jan	202	479	95	567	638	780	278	506*	10

NORTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BLUE RIVER 1E01B	670	28-Dec	73	162	101	152		263	0	160	25
BOSS MOUNTAIN MINE 1C20P	1460	01-Jan	115	287	90	192	336	461	184	320	18
MOUNT COOK 1E02P	1550	01-Jan	323	677E	110	420E	675	881	439	616*	8
AZURE RIVER 1E08P	1620	01-Jan	197	667	108	407	689	780	356	620	15
KOSTAL LAKE 1E10P	1770	01-Jan	171	499	110	281	N/A	590	271	453	27

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
MONASHEE PASS 2E01	1370					109	169	239	84	165	29
CELISTA 1F06P	1500	01-Jan	149	412	93	306	499	555	326	441*	6
KIRBYVILLE LAKE 2A25	1750					408	716	854	351	620	27
PARK MOUNTAIN 1F03P	1890	01-Jan	126	343	80	296	346E	632	256	427	25

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DOWNIE SLIDE (LOWER) 2A27	980						298	504	166	320	23
GLACIER 2A02	1250	01-Jan	150	441	134	213	312	519	147	328	41
VERMONT CREEK 2A19	1520					142	223	328	91	230	25
AZURE RIVER 1E08P	1620	01-Jan	197	667	108	407	689	780	356	620	15
DOWNIE SLIDE (UPPER) 2A29	1630					424	832	1022	370	690	23
KICKING HORSE 2A07	1650	03-Jan	74	181	103	71	136	257	66	175	31
KIRBYVILLE LAKE 2A25	1750					408	716	854	351	620	27
MOUNT REVELSTOKE 2A06P	1830	01-Jan	N/A	631E	105			835	317	599	16
FIDELITY MOUNTAIN 2A17	1870	31-Dec	266	830	135	331	669	1228	331	617	37
BEAVERFOOT 2A11	1890					76	110	215	52	120	27
KEYSTONE CREEK 2A18	1890					290	509	577	217	400	27
GOLDSTREAM 2A16	1920					355	612	906	355	598	27
BUSH RIVER 2A23	1920					242	514	722	216	442	27
MOUNT ABBOT 2A14	1980	02-Jan	253	768	125	403	684	1065	298	615	27
MOLSON CREEK 2A21P	1980	01-Jan	N/A	682E	122	285	679	1072	318	558	31
SUNBEAM LAKE 2A22	2010					304	583	767	243	475	27

LOWER COLUMBIA Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FERGUSON	2D02	880	31-Dec	105	290	105	191	290	409	93	275	32
FARRON	2B02A	1220	03-Jan	43	91	59	143	148	330	40	155	27
MONASHEE PASS	2E01	1370					109	169	239	84	165	29
WHATSHAN (UPPER)	2B05	1480					217		543	169	340	21
BARNES CREEK	2B06	1620					169	256	376	146	260	23
BARNES CREEK	2B06P	1620	01-Jan	N/A	233	84	173	236	409	158	278	18
ST. LEON CREEK	2B08	1800					401	682	1164	325	613	19
ST. LEON CREEK	2B08P	1800	01-Jan	N/A	450	83	345	446	637	221	541	15
KOCH CREEK	2B07	1860							452	170	365	15
RECORD MOUNTAIN	2B09	1890					318		538	134	320	25
EAST CREEK	2D08P	2030	01-Jan	N/A	420	89	319	450	858	206	470	30

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	31-Dec	37	66	46			330	28	142	34
SULLIVAN MINE	2C04	1550	27-Dec	52	116	84	120		226	29	138	26
BANFIELD MOUNTAIN	MT05P	1710	01-Jan	99	204	100	181	140	445	112	204*	25
MOUNT JOFFRE	2C16	1750					138	175	364	73	180	24
MORRISSEY RIDGE	2C09Q	1800	01-Jan	N/A	285	86	255	278	706	123	331	28
MOYIE MOUNTAIN	2C10P	1930	01-Jan	75	230	128	197	163	354	76	180	32
HAWKINS LAKE	MT06P	1970	01-Jan	135	349	129	277	257	547	59	271*	25
THUNDER CREEK	2C17	2010					100	143	276	61	135	26
FLOE LAKE	2C14	2090					267	404	747	181	425	26
FLOE LAKE	2C14P	2090	01-Jan	N/A	409	113	266	383	502	173	363	16
HIGHWOOD SUMMIT (BUSH)	AL02	2210					115	249	249	115	176*	8
MOUNT ASSINIBOINE	2C15	2230					190	280	567	111	290	27
SUNSHINE VILLAGE	AL05	2230					172	291	375	172	256*	9

WEST KOOTENAY Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FERGUSON	2D02	880	31-Dec	105	290	105	191	290	409	93	275	32
NELSON	2D04	930	30-Dec	58	147	84	144	151	366	61	175	52
CHAR CREEK	2D06	1310	02-Jan	80	263	105	196	236	480	110	250	28
BUNCHGRASS MEADOW	WA01P	1520	01-Jan	102	254	81	262	305	712	120	315*	31
KOCH CREEK	2B07	1860							452	170	365	15
MOUNT TEMPLEMAN	2D09	1860					320		902	277	530	18
EAST CREEK	2D08P	2030	01-Jan	N/A	420	89	319	450	858	206	470	30
REDFISH CREEK	2D14P	2104	01-Jan	235	701	128	491	611	721	357	548*	10

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	03-Jan	43	91	59	143	148	330	40	155	27
MONASHEE PASS	2E01	1370					109	169	239	84	165	29
GRAND CREEK	2E07P	1860	01-Jan	67	164	73	205	180	315	143	224*	14

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
SUMMERLAND RESERVOIR	2F02	1280	03-Jan	49	97	85	107	82	198	42	114	48
TROUT CREEK	2F01	1430	05-Jan	63	138	182			91	62	76*	2
TROUT CREEK (WEST)	2F01A	1430	05-Jan	56	140	N/A			N/A	N/A	N/A	
BRENDA MINE	2F18P	1460	01-Jan	N/A	121	67		151	304	100	180	16
GREYBACK RESERVOIR	2F08	1550							181	56	115	27
ISINTOK LAKE	2F11	1680	04-Jan	39	85	99	61	58	196	16	86	46
MISSION CREEK	2F05P	1780	01-Jan	81	192	89	156	205	364	104	215	41
GRAYSTOKE LAKE	2F04	1810	29-Dec	58	126	83	140	108B	278	96	151*	5
MOUNT KOBAY	2F12	1810	29-Dec	29	62	43	124		261	28	144	34

SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ISINTOK LAKE 2F11	1680	04-Jan	39	85	99	61	58	196	16	86	46
BLACKWALL PEAK 2G03P	1940	01-Jan	170	443	115	325	416	923	108	385	42
HARTS PASS WA09P	1980	01-Jan	183	506	107	560	394	840	0	473*	30

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PALISADE LAKE 3A09P	880	01-Jan	N/A	371	67	738	177	822	141	550*	11
DOG MOUNTAIN 3A10	1080	05-Jan	105	366	76	515	548	897	96	480	25
GROUSE MOUNTAIN 3A01	1100	06-Jan	121	396	83	688	536	878	24	480	31
ORCHID LAKE 3A19	1190						925	1360	202	750	27
ORCHID LAKE 3A19P	1178	01-Jan	196	682	94	829	592	1308	369	724*	16
SQUAMISH RIVER (UPPER) 3A25P	1340	01-Jan	198	636	87	967	792	1072	416	730	20
NOSTETUKO RIVER 3A22P	1500	01-Jan	47	150	58	307	281	524	32	260*	19
MOSLEY CREEK (UPPER) 3A24P	1650	01-Jan	41	193	99	180	258	491	85	194*	22

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ELK RIVER 3B04	270	05-Jan	0	0	0		0	264	0	70	26
WOLF RIVER (LOWER) 3B19	640					388	196	388	0	100	22
WOLF RIVER (MIDDLE) 3B18	1070	05-Jan	78	196	73	582	336	590	0	270	23
FORBIDDEN PLATEAU 3B01	1130	05-Jan	181	613	97	1054	701	1287	0	630	29
JUMP CREEK 3B23P	1160	01-Jan	81	281	66	646	430	1024	60	428	16
WOLF RIVER (UPPER) 3B17P	1490	01-Jan	N/A	472E	79	1006	610	1057	150	595	23

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
TAHTSA LAKE	1B02P	1300	01-Jan	N/A	855	122	652	701	1155	369	703	19
BURN'T BRIDGE CREEK	3C08P	1330	01-Jan	205	696	178	251	480	611	131	392*	10

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
BEAVER PASS	WA12	1120				468		600	109	313*	7	
KLESILKWA	3D03A	1130				112	84	386	0	185	20	
HARTS PASS	WA09P	1980	01-Jan	183	506	107	560	394	840	0	473*	30

PEACE Drainage Basin

		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FORT ST. JOHN A	4A25	690	04-Jan	24	32	56			134	0	57	35
PACIFIC LAKE	1A11	770	06-Jan	170	559	180	167	381	476	56	310	27
WARE (LOWER)	4A04	980					71	80	240	52	100	21
PHILIP LAKE	4A13	980	04-Jan	95	243	162	113	139	288	48	150	29
AIKEN LAKE	4A30P	1040	01-Jan	N/A	165E	120	110	120	262	71	138	22
TUTIZZI LAKE	4A06	1070	04-Jan	94	223	165	128	103	200	72	135	21
TSAYDAYCHI LAKE	4A12	1160	04-Jan	130	374	174	196	199	393	128	215	28
KAZA LAKE	1A12	1190					141	92	371	92	190	26
PULPIT LAKE	4A09	1310	05-Jan	118	332	151	180	167	398	130	220	23
PULPIT LAKE	4A09P	1310	01-Jan	N/A	269	111	226	167E	351	155	242	20
FREDRICKSON LAKE	4A10	1310	04-Jan	74	161	124	98	77	250	54	130	22
PINE PASS	4A02	1399	05-Jan	310A	108A	17		655	1700	314	620	27
PINE PASS	4A02P	1400	01-Jan	N/A	786	145	353	509	1016	241	543	21
TRYGVE LAKE	4A11	1400	05-Jan	121	289	148	157	143	299	126	195	23
SIKANNI LAKE	4C01	1400					104	85	257	44	145	27
MORFEE MOUNTAIN	4A16	1450	06-Jan	166A	546A	121		395	710	199	450	15
LADY LAURIER LAKE	4A07	1460	05-Jan	160	465	172	256	229	472	140	270	27
MOUNT SHEBA	4A18	1490	06-Jan	215	700	175	288	559	793	106	400	22
GERMANSEN (UPPER)	4A05	1500	04-Jan	107	285	147	162	173	364	93	194	28
MOUNT STEARNS	4A21	1500					70	73	151	14	80	22
JOHANSON LAKE	4B02	1540	04-Jan	96	229	143	114	103	282	84	160	28
MONKMAN CREEK	4A20	1550	06-Jan	148	456	93		391	546	107	490	16
WARE (UPPER)	4A03	1570	05-Jan	60	129	89	122	102	248	64	145	22
KWADACHA RIVER	4A27P	1620	01-Jan	N/A	163E	95	133	143	307	86	171*	25

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT NELSON A	4C05	380	03-Jan	23	32	54	49		112	15	59	43
DEASE LAKE	4C03	820	01-Jan	39	60	85	63		150	20	71	43
SIKANNI LAKE	4C01	1400					104	85	257	44	145	27

SKEENA/NASS Drainage Basin

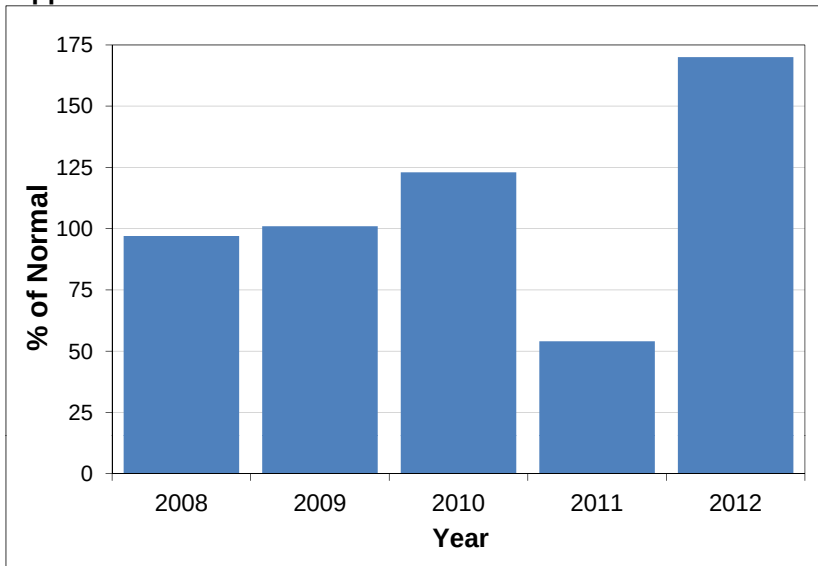
Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
TERRACE A	4B13A	180	05-Jan	85	264	357	114	60	195	0	74*	27
GRANDUC MINE	4B12P	790	01-Jan	N/A	1027	118			1152	631	873*	6
CEDAR-KITEEN	4B18P	885	01-Jan	184	563	194	117	201	521	83	290*	11
KAZA LAKE	1A12	1190					141	92	371	92	190	26
LU LAKE	4B15P	1310	01-Jan	75	198	141	138	135	289	41	140*	14
TSAI CREEK	4B17P	1360	01-Jan	246	969	162	528	592	908	390	600*	13
TRYGVE LAKE	4A11	1400	05-Jan	121	289	148	157	143	299	126	195	23
HUDSON BAY MTN.	4B03A	1480	03-Jan	137	336	119	285	261	470	135	283	36
SHEDIN CREEK	4B16P	1480	01-Jan	196	595	142	322	326	551	266	418*	14
JOHANSON LAKE	4B02	1540	04-Jan	96	229	143	114	103	282	84	160	28

STIKINE/TAKU Drainage Basin

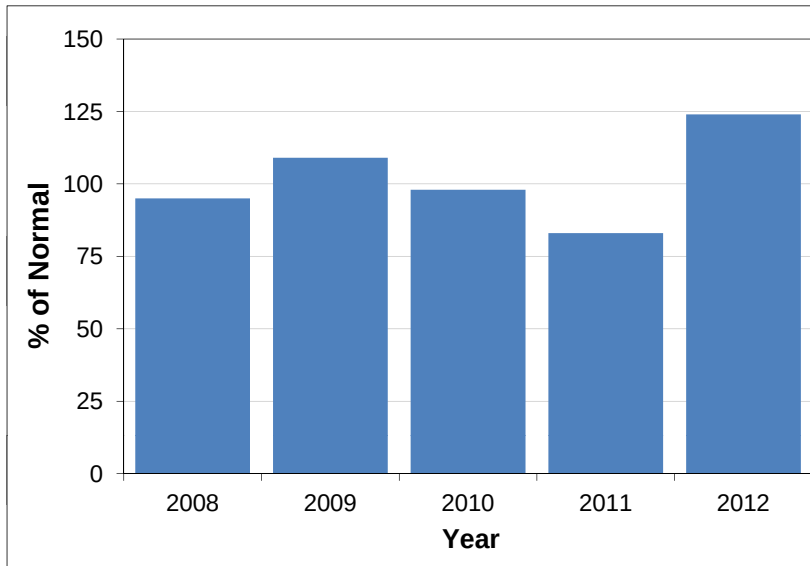
Snow Course Name and Number	Elev. metres	Date of Survey	Jan 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
DEASE LAKE	4C03	820	01-Jan	39	60	85	63		150	20	71	43
A - SAMPLING PROBLEMS WERE ENCOUNTERED												
B - EARLY OR LATE SAMPLING												
C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED												
E - ESTIMATED BASED ON AREAL AVERAGE												
* - PERIOD OF RECORD AVERAGE												
N/A - NOT AVAILABLE												
NOTE: 1971-2000 NORMALS BEING USED												

Snow Basin Index Graphs - January 1, 2012

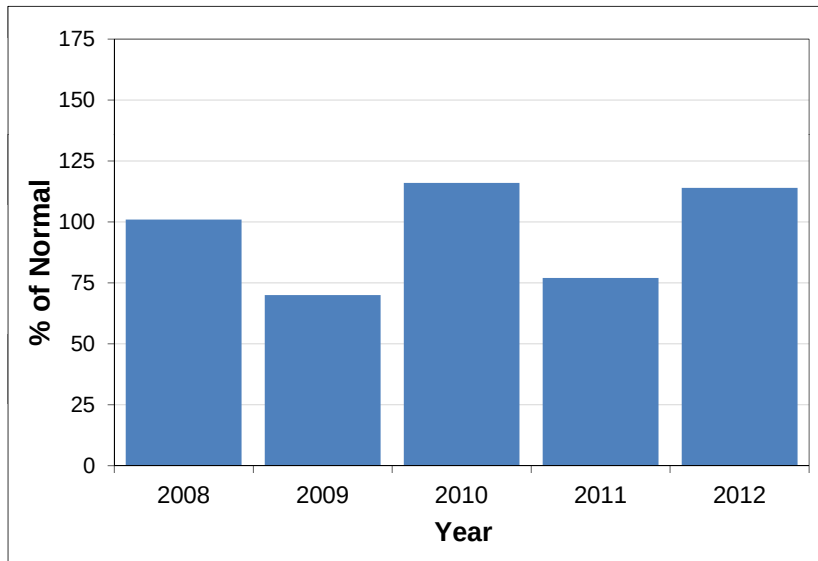
Upper Fraser



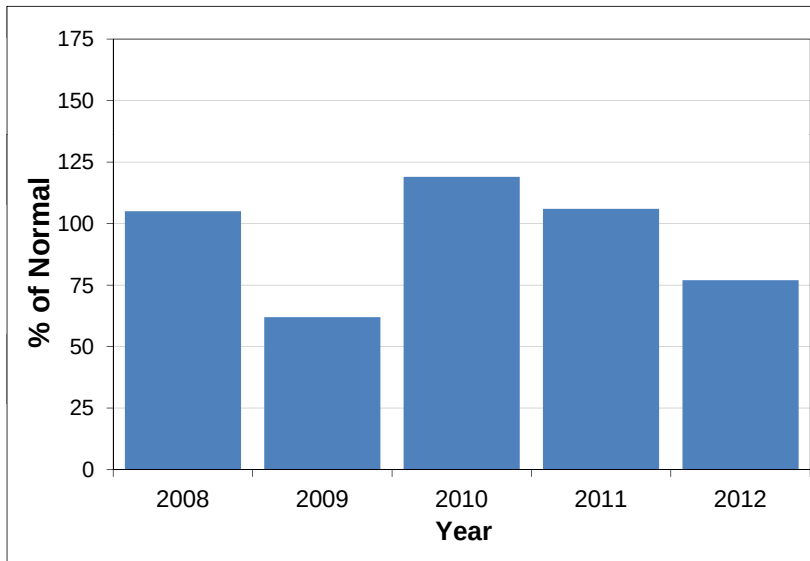
Nechako



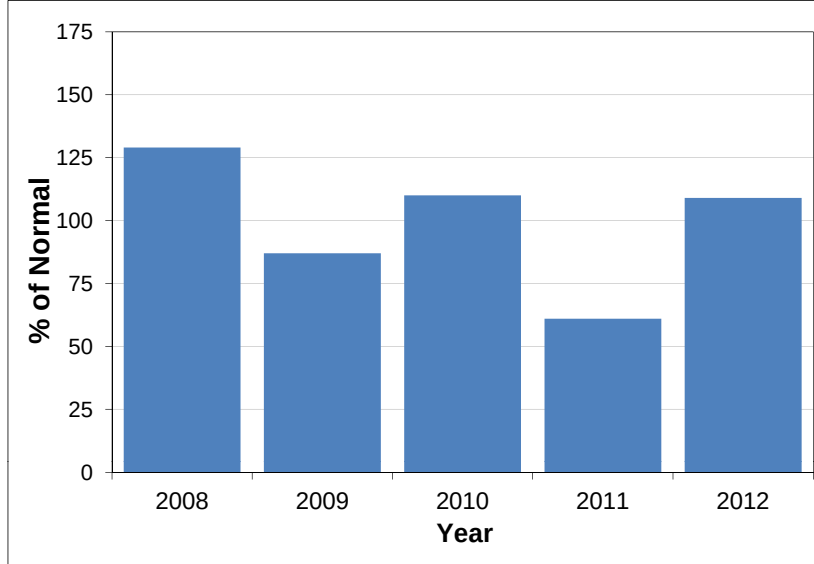
Middle Fraser



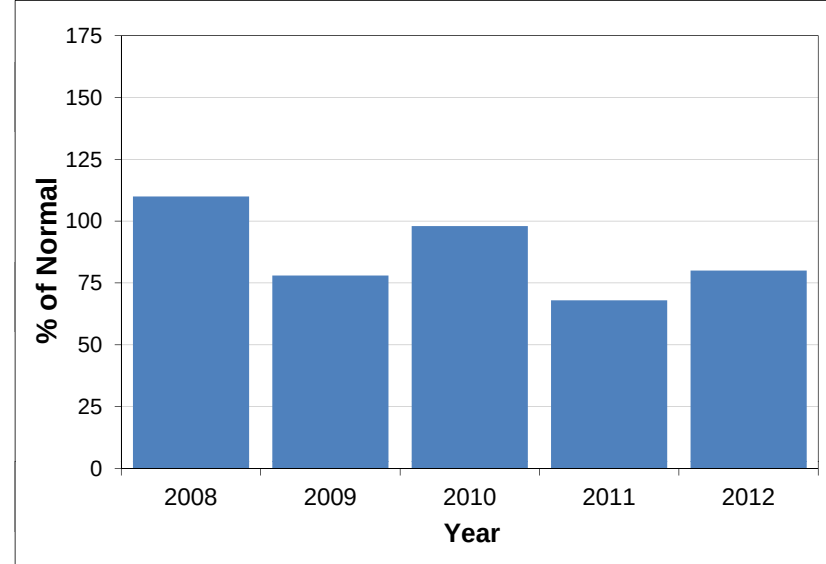
Lower Fraser



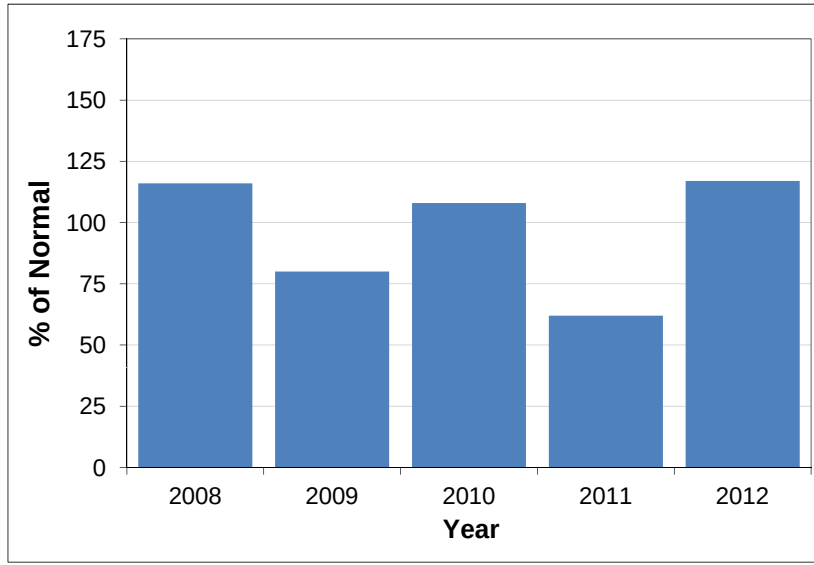
North Thompson



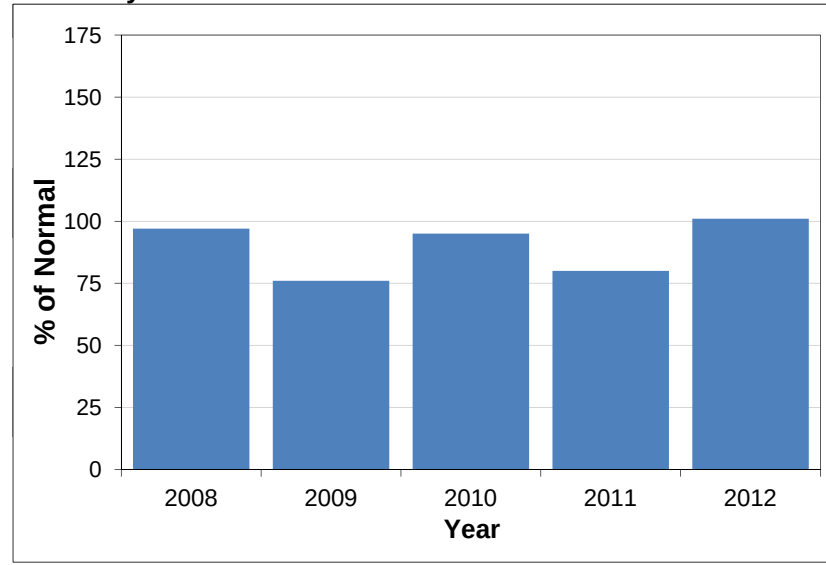
South Thompson



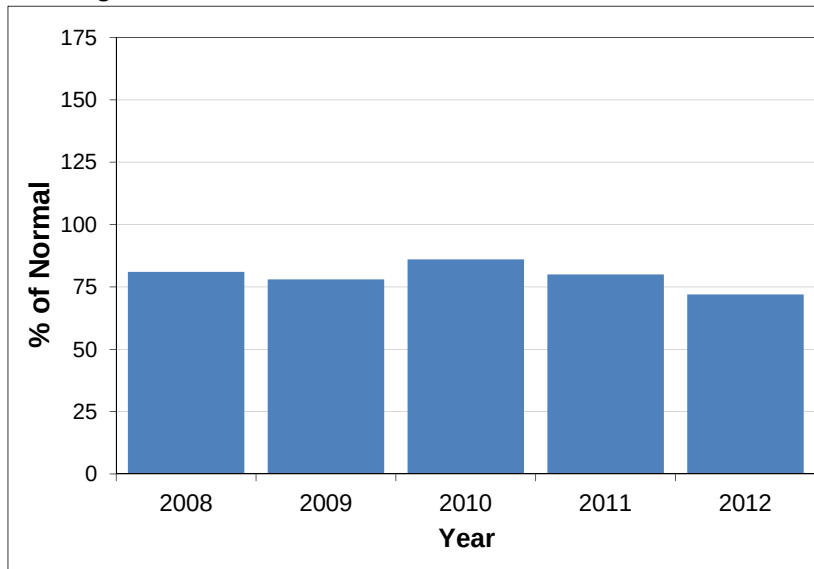
Columbia



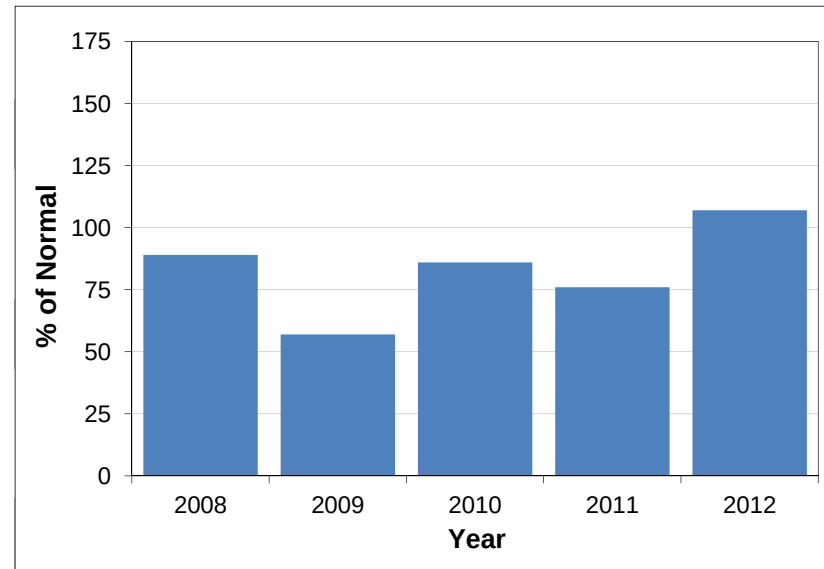
Kootenay



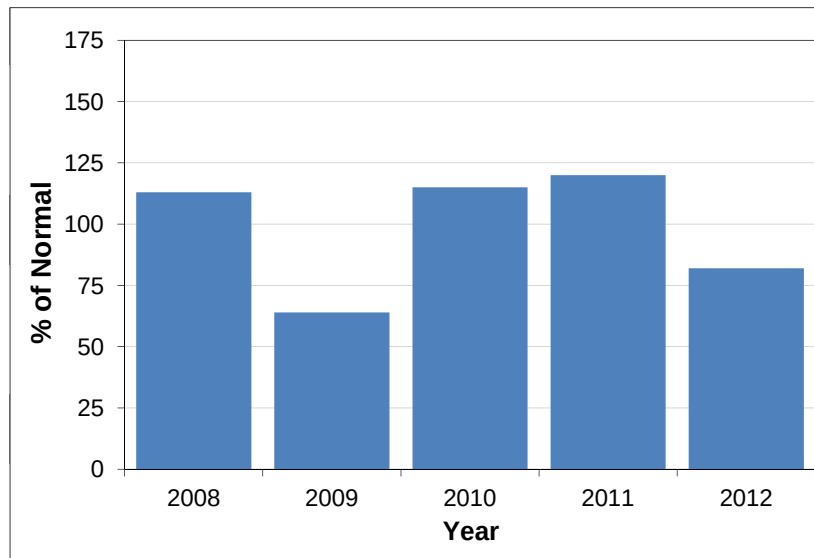
Okanagan-Kettle



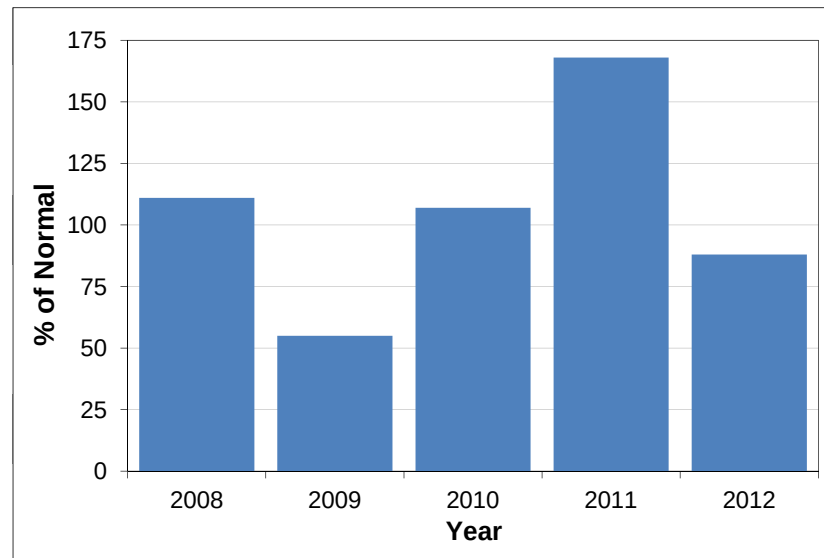
Similkameen



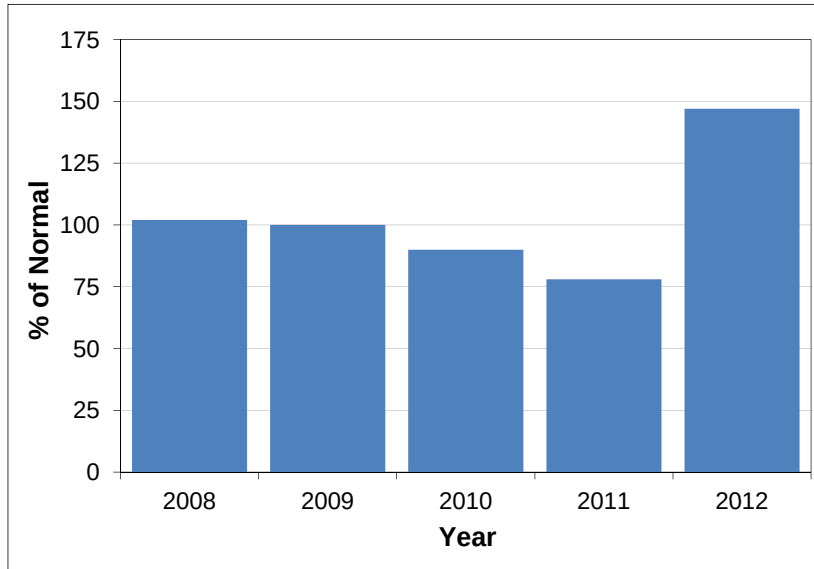
South Coast



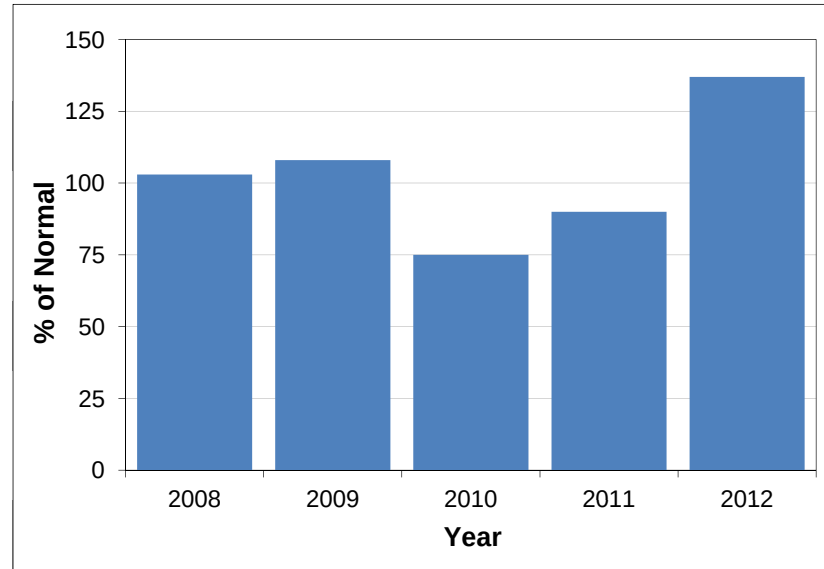
Vancouver Island



Peace



Skeena-Nass



Snow Survey and Water Supply Bulletin – February 1st, 2012

The February 1st snow survey is now complete. Data from 113 snow courses and 53 snow pillows around the province and out-of-province sampling locations, and climate data from Environment Canada, have been used to form the basis for the following reports¹.

Weather

Weather across British Columbia transitioned in early January from warmer and wetter weather, to an outbreak of cold, arctic air which persisted through the middle of the month. The breakdown of this cold air mass occurred as warmer, moist air masses from the Pacific worked their way onto coastal British Columbia, and then into the interior. This transition saw some significant snowfall across much of the province, including lower elevation areas along the coast. Continued moderate storm events through the latter part of the month contributed to additional snowpack accumulation, particularly in the mountainous regions of the province.

As a result of the mix of both cold and warmer weather events, the overall average temperature through January was near normal or slightly above normal through most of the province. On average the province was slightly wetter than normal through January, with areas in the central interior, north-west, Peace, Kootenay and Columbia typically receiving higher than normal precipitation, and the south interior receiving below normal precipitation.

Snowpack

Weather patterns through January allowed for the continued development of snow packs across the province, with significant increases in snow basin index values in the Nechako and Lower Fraser. Snow basin indices are well above normal through the Upper Fraser, Nechako, Peace and Skeena-Nass, with a high of 168% of normal in the Nechako basin. Note the Nechako basin index is based on surveys from Mount Wells (1B01), Tahtsa Lake (1B02) and Kidprice Lake (4B01). The overall Fraser Basin index is currently at 125% of normal, with low to mid-elevation snow packs being near normal. Below normal snow basin indices are present in the South Thompson, Okanagan-Kettle, and Vancouver Island, with a low of 81% of normal in the Okanagan (see Map 1).

BC Snow Basin Indices – February 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	149%	Kootenay	104%
Nechako	168%	Okanagan-Kettle	81%
Middle Fraser	111%	Similkameen	99%
Lower Fraser	118%	South Coast	109%
North Thompson	116%	Vancouver Island	92%
South Thompson	92%	Peace	145%
Columbia	118%	Skeena-Nass	139%

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.

Snow Survey and Water Supply Bulletin – February 1st, 2012

Outlook

By this date, generally about two-thirds of the annual BC snowpack has accumulated, with another 2 or more months of accumulation still to come. At a provincial level, snow pack levels are above normal through most of the province except for the south interior and Vancouver Island. Seasonal runoff volume forecasts indicate a similar trend of below normal runoff volumes forecast in the Okanagan and south interior, and higher than normal runoff volumes for the Upper Fraser, Middle Fraser, North Thompson and Skeena basins. Note that forecasting skill is typically low for February 1st forecasts, reflecting the uncertainty over weather for the remainder of the winter and early-spring. Seasonal volume runoff forecasts are available on the River Forecast Centre [website](#).

At this stage the two main issues are the below-normal snow packs and seasonal flow outlooks for the south Interior, particularly the Okanagan (and the potential for water supply issues into the summer of 2012), and the above-normal snow packs (and potential for increased spring flood risk) in the Upper Fraser, Nechako, Peace, and Skeena-Nass regions, and the Fraser River basin as a whole. Current snow pack levels are above the February 1st 2007 levels in the Upper Fraser, similar to 2007 levels in the Nechako, Peace, and Skeena-Nass basins, and below 2007 levels for the entire Fraser River basin.

La Niña conditions are present across the equatorial Pacific Ocean, though temperature anomalies are weaker than were observed during last year's La Niña event. The Climate Prediction Centre with the U.S. National Weather Service (NOAA) is predicting the weak to moderate La Niña event to persist into the spring of this year. In combination with La Niña, cool-phase Pacific Decadal Oscillation (PDO) conditions are present in the north-east Pacific (cooler than normal temperatures in the Gulf of Alaska). In-phase La Niña and PDO conditions tend to enhance seasonal climate effects. Current probabilistic seasonal weather forecasts from Environment Canada are similar to what would be expected under La Niña and cool-phase PDO conditions, with cooler than normal and normal to wetter than normal conditions forecast for the next 3 months throughout most of British Columbia. Cooler temperatures and wetter than normal conditions are forecasted to be more likely in the western, coastal portions of the province than in the interior. It is important to note that forecast skill is typically low for seasonal precipitation forecasts.

The current seasonal climate outlook is favourable for the maintenance or enhancement of snow packs, relative to normal, through most of the province. This would further develop the snow pack in regions that are currently below-normal (eg Okanagan), but may exacerbate snow pack and flood risk in the areas that are currently above-normal. While snow pack is one important factor in determining seasonal flood risk, whether or not major flooding occurs is largely dependent on the weather during the snowmelt season in May and June.

Produced by: BC River Forecast Centre
February 8, 2012

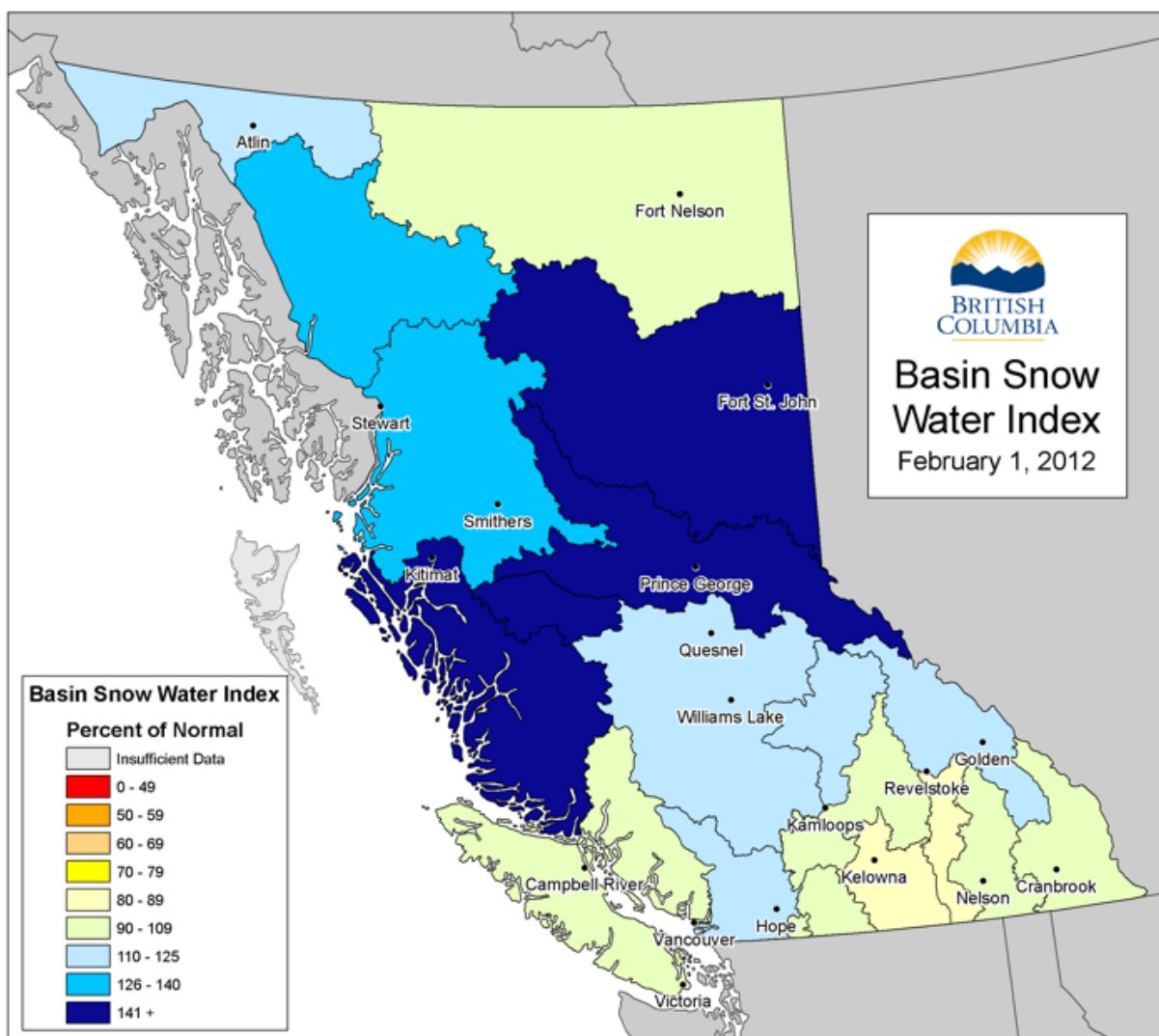


Ministry of
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RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – February 1st, 2012

Map 1: Basin Snow Water Index-February 1st, 2012



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	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
PRINCE GEORGE A	1A10	690	30-Jan	42	96	84	112	104	224	0	114	50
PACIFIC LAKE	1A11	770	26-Jan	221	649	144	440	425	679	179	451	44
BURNS LAKE	1A16	800	01-Feb	57	120	100	98	72	232	44	120	41
CANOE RIVER	2A01A	910	31-Jan	49	124	138	108	110A	140	17	90	35
PHILIP LAKE	4A13	980	27-Jan	109	272	135	197	169	355	118	202	43
HEDRICK LAKE	1A14	1100	26-Jan	207	753	151	501	475	823	248	500	42
HEDRICK LAKE	1A14P	1100	01-Feb	287	934	178	538	562	724	356	525*	10
BIRD CREEK	1A23	1180	31-Jan	52	104	96	130	78	196	56	108*	20
KAZA LAKE	1A12	1190	27-Jan	118	299	125	243	145	440	125	239	39
LU LAKE	4B15P	1310	01-Feb	103	283	147	224E	192	353	94	192*	13
MOUNT SHEBA	4A18	1490	26-Jan	261	872	153	560	603	932	299	570	42
BARKERVILLE	1A03P	1520	01-Feb	122	303	120	225	213	351	116	253	33
KNUDSEN LAKE	1A15	1580	26-Jan	225	840	144	519	520	899	284	584	41
MCBRIDE (UPPER)	1A02P	1620	01-Feb	188	523	168	298	N/A	450	203	312*	15
REVOLUTION CREEK	1A17P	1690	01-Feb	356	1042	182	502	546	930	293	574	26
LONGWORTH (UPPER)	1A05	1740	26-Jan	201	782	141	562	604	890A	236	556	38
DOVE MOUNTAIN	1A19P	1820	01-Feb	261	853	173	453	424	701	364	493*	6
YELLOWHEAD	1A01P	1860	01-Feb	177	543	119	348E	486E	619	240	455	13

NECHAKO Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
SKINS LAKE	1B05	880	31-Jan	23	60	64	108	72	224	35	94	43
TAHTSA LAKE	1B02	1300	01-Feb	435	1442	176	833	960	1345	508A	821	55
TAHTSA LAKE	1B02P	1300	01-Feb	N/A	1395E	154		957	1539	621	903	16
KIDPRICE LAKE	4B01	1370	31-Jan	349	1220	191	681	712	1106	420	638	52
MOUNT PONDOSY	1B08P	1400	01-Feb	N/A	873	151		546	877	332	578	17
MOUNT WELLS	1B01	1490	31-Jan	172	514	134	381	365	606	188	385	26
MOUNT WELLS	1B01P	1490	01-Feb	N/A	629	148	354	392	658	216	426	18
NUTLI LAKE	1B07	1490	31-Jan	221	729	191	308	445	653	227	382*	20
MOUNT SWANNELL	1B06	1620	31-Jan	78	199	94	214	210	334	88	211*	22

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PUNTI MOUNTAIN	1C22	940	30-Jan	6	16	28	72		126	0	58	39
NAZKO	1C08	1070	26-Jan	27	47	63	88		132	6	75	32
BIG CREEK	1C21	1140	27-Jan	7	14	27	36		94	0	52	36
GRANITE MOUNTAIN	1C33A	1150	30-Jan	60	136	94	156	119	175	59	145	6
BRIDGE GLACIER (LOWER)	1C39	1400	03-Feb	179	408	91	490	512	688	112	446*	15
BRALORNE	1C14	1450	03-Feb	42	102	74	139	122	338	0	138	39
SHOVELNOSE MOUNTAIN	1C29	1450	29-Jan	94	253	125	167		307	48	202	29
BOSS MOUNTAIN MINE	1C20P	1460	01-Feb	148	396	90	353	384	574	278	440	18
LAC LE JEUNE (UPPER)	1C25	1460	01-Feb	42	92	88	89	103	177	13	105	39
BRENDA MINE	2F18P	1460	01-Feb	N/A	218	83	243	230	368	148	264	17
BARKERVILLE	1A03P	1520	01-Feb	122	303	120	225	213	351	116	253	33
MOUNT TIMOTHY	1C17	1660	31-Jan	87	222	96	228		384	92	232	44
YANKS PEAK EAST	1C41P	1670	01-Feb	203	681	114	534	506	761	304	595	15
GREEN MOUNTAIN	1C12P	1780	01-Feb	N/A	754	125	554	916E	984	243	605	16
MCGILLIVRAY PASS	1C05	1800	03-Feb	167	517	128	354	514	645	150	403	58
MISSION RIDGE	1C18	1850	03-Feb	147	472	116			752	163	406	26
MISSION RIDGE	1C18P	1850	01-Feb	N/A	492E	116	338	405	794	225	424	25
DOWNTON LAKE (UPPER)	1C38	1890	03-Feb	218	710	116	572	940	980	250	610	16
TYAUGHTON CREEK (NORTH)	1C40	1950	03-Feb	123	378	143	300		654	128	265	14
BRALORNE(UPPER)	1C37	1980	03-Feb	180	594	128	432	544	724	178	465	17

LOWER FRASER Drainage Basin

		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
Snow Course Name and Number													
SUMALLO RIVER WEST		3D01C	790	02-Feb	96	304	126	147	72	368	0	242	18
DISAPPOINTMENT LAKE		1D18P	1040	01-Feb	N/A	1099	97	1029	743	1673	194	1128	8
CALLAGHAN CREEK		3A20	1040	01-Feb	225	638	111	670		1040	50	577	28
DICKSON LAKE		1D16	1070	02-Feb	310	1144	125	826	752	1538	206	918	17
DOG MOUNTAIN		3A10	1080	01-Feb	214	696	95	754	506	1243	206	731	28
KLESILKWA		3D03A	1130	02-Feb	84	229	89	120	84	508	0	257	55
SPUZZUM CREEK		1D19P	1180	01-Feb	325	1374	140	814	934	1703	308	983*	12
STAVE LAKE		1D08	1210	02-Feb	312	1086	120	975	918A	2010	163	907	37
WAHLEACH LAKE		1D09	1400	02-Feb	157	477	120	385	320	665	33	396	38
WAHLEACH LAKE		1D09P	1400	01-Feb	N/A	583E	75	582	567	1061	316	780	17
NAHATLATCH RIVER		1D10	1520	02-Feb	336	1170	131	937	1114A	1359	262	893	35
CHILLIWACK RIVER		1D17P	1600	01-Feb	353	1436	158	1100	908	1204	371	910*	16
TENQUILLE LAKE		1D06P	1680	01-Feb	N/A	913E	127	817	912	1092	398	718*	11

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BLUE RIVER	1E01B	670	26-Jan	104	238	95	233		380	98	250	27
KNOUFF LAKE	1E05	1200	31-Jan	38	100	88	96		229	38	114	49
BOSS MOUNTAIN MINE	1C20P	1460	01-Feb	148	396	90	353	384	574	278	440	18
MOUNT COOK	1E02P	1550	01-Feb	399	1071E	126	715E	900	1084	600	851*	8
AZURE RIVER	1E08P	1620	01-Feb	283	1033	124	673	901	998	506	835	15
ADAMS RIVER	1E07	1720	29-Jan	173	514	114	411		654	285	452	30
KOSTAL LAKE	1E10P	1770	01-Feb	233	700	113	531E		764	415	620	25

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
ANGLEMONT	1F02	1190	30-Jan	79	224	82	302	193	483	130A	274	51
ABERDEEN LAKE	1F01A	1310	01-Feb	43	89	75			193	48	119	56
MONASHEE PASS	2E01	1370		N	N	N	221	185	364	122	245	51
CELISTA	1F06P	1500	01-Feb	221	644	103	529	645	784	514	624*	6
ADAMS RIVER	1E07	1720	29-Jan	173	514	114	411		654	285	452	30
KIRBYVILLE LAKE	2A25	1750					694	945	1160	381	810	35
SILVER STAR MOUNTAIN	2F10	1840	29-Jan	135	396	78	527	466	721	229	507	53
PARK MOUNTAIN	1F03P	1890	01-Feb	154	473	79	564	494	867	334	602	27
ENDERBY	1F04	1900					756		932	348	691	46

UPPER COLUMBIA Drainage Basin

		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
CANOE RIVER	2A01A	910	31-Jan	49	124	138	108	110A	140	17	90	35
DOWNIE SLIDE (LOWER)	2A27	980					470	448	740	256	509	29
GLACIER	2A02	1250	28-Jan	200	643	130	473	431	828	241	494	71
FIELD	2A03A	1280	31-Jan	56	121	91	130	74	233	46	133	72
VERMONT CREEK	2A19	1520	02-Feb	136	397	124	288	326	574	102	320	41
AZURE RIVER	1E08P	1620	01-Feb	283	1033	124	673	901	998	506	835	15
DOWNIE SLIDE (UPPER)	2A29	1630					750	1102	1422	466	933	29
KICKING HORSE	2A07	1650	31-Jan	86	225	91	232	196	384	102	248	65
KIRBYVILLE LAKE	2A25	1750					694	945	1160	381	810	35
MOUNT REVELSTOKE	2A06P	1830	01-Feb	N/A	928E	109	676E	730E	1140	464	850	17
FIDELITY MOUNTAIN	2A17	1870	28-Jan	303	1104	127	782	858	1376	430	867	49
BEAVERFOOT	2A11	1890					148	126	244	78	154	41
KEYSTONE CREEK	2A18	1890					492	675	866	290	548	40
GOLDSTREAM	2A16	1920					721	828	1136	460	793	41
BUSH RIVER	2A23	1920					486	710	902	292	598	42
MOUNT ABBOT	2A14	1980	30-Jan	346	1142	136	740	824	1209	396	842	51
MOLSON CREEK	2A21P	1980	01-Feb	N/A	1050	138	563	855	1155	417	760	30
SUNBEAM LAKE	2A22	2010					580	744	886	348	642	41

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880					454	433	616	237	420	36
FARRON	2B02A	1220	02-Feb	71	151	65	208	184	346	63	232	38
MONASHEE PASS	2E01	1370		N	N	N	221	185	364	122	245	51
WHATSHAN (UPPER)	2B05	1480		N	N	N	483		759	249	479	34
BARNES CREEK	2B06	1620		N	N	N	341	283	612	196	365	43
BARNES CREEK	2B06P	1620	01-Feb	N/A	326	86	353	304	566	206	378	19
ST. LEON CREEK	2B08	1800		N	N	N	924	756	1247	474	878	39
ST. LEON CREEK	2B08P	1800	01-Feb	N/A	731	97	773	615	1092	322	755	17
KOCH CREEK	2B07	1860		N	N	N	433		708	203	501	34
RECORD MOUNTAIN	2B09	1890					372	478	802	117	482	34
EAST CREEK	2D08P	2030	01-Feb	N/A	675	103	574	585	1012	281	654	30

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	31-Jan	79	207	88	210	164	467	51	234	56
SULLIVAN MINE	2C04	1550	27-Jan	92	198	91	192	120	397	46	217	66
VERMILION RIVER NO.3	2C20	1612					194		363	130	213*	15
MOUNT JOFFRE	2C16	1750	02-Feb	95	234	88	278	219	439	96	265	37
MORRISSEY RIDGE	2C09Q	1800	01-Feb	N/A	458	93	525	383	886	180	495	27
MOYIE MOUNTAIN	2C10P	1930	01-Feb	102	361	135	326	219	499	104	267	31
THUNDER CREEK	2C17	2010		N	N	N	195	173	335	69	193	37
FLOE LAKE	2C14	2090		N	N	N	491	487	811	239	548	39
FLOE LAKE	2C14P	2090	01-Feb	323	598E	117	458	446	731	225	510	17
MOUNT ASSINIBOINE	2C15	2230		N	N	N	310	330	592	140	375	38

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DUNCAN LAKE NO. 2	2D07A	650	26-Jan	48	99	74	186	94	283	60	134*	21
FERGUSON	2D02	880					454	433	616	237	420	36
NELSON	2D04	930	30-Jan	99	237	86	234	187	508	79	276	73
CHAR CREEK	2D06	1310	01-Feb	141	364	96	299	314	650	117	381	45
GRAY CREEK (LOWER)	2D05	1550	03-Feb	130	285	87	378	269	511	127	326	60
KOCH CREEK	2B07	1860		N	N	N	433		708	203	501	34
MOUNT TEMPLEMAN	2D09	1860	02-Feb	266	762	102	684	620	1115	409	748	37
GRAY CREEK (UPPER)	2D10	1910	03-Feb	189	568	108	575	453	792	268	527	39
EAST CREEK	2D08P	2030	01-Feb	N/A	675	103	574	585	1012	281	654	30
REDFISH CREEK	2D14P	2104	01-Feb	N/A	1067	130	825	840	1031	537	821*	10

KETTLE Drainage Basin

		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FARRON	2B02A	1220	02-Feb	71	151	65	208	184	346	63	232	38
MONASHEE PASS	2E01	1370		N	N	N	221	185	364	122	245	51
BIG WHITE MOUNTAIN	2E03	1680					276		483	178	339	45
GRAND CREEK	2E07P	1860	01-Feb	89	245	74	314	266	476	184	329*	14

OKANAGAN Drainage Basin

		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
Snow Course Name and Number													
SUMMERLAND RESERVOIR		2F02	1280	27-Jan	78	148	85	181	148	307	65	174	47
MC CULLOCH		2F03	1280	30-Jan	56	116	93	136	99	196	63	125	72
ABERDEEN LAKE		1F01A	1310	01-Feb	43	89	75			193	48	119	54
OYAMA LAKE		2F19	1340	01-Feb	45	93	72	88	86	193	31	129	43
POSTILL LAKE		2F07	1370	31-Jan	57	144	98	133	99	243	73	147	61
VASEUX CREEK		2F20	1400	01-Feb	33	90	90			208	44	100	24
TROUT CREEK		2F01	1430	05-Feb	76	206	146	167		292	33	141	71
TROUT CREEK (WEST)		2F01A	1430	05-Feb	72	209	137	160	147	160	147	153*	2
BRENDA MINE		2F18P	1460	01-Feb	N/A	218	83	243	230	368	152	264	17
ISLAHT LAKE		2F24	1480	01-Feb	84	210	89	204	200	364	124	235	29
GREYBACK RESERVOIR		2F08	1550	31-Jan	58	156	98		173	269	60	160	37
ISINTOK LAKE		2F11	1680	27-Jan	60	109	82	103	102	307	26	133	45
MISSION CREEK		2F05P	1780	01-Feb	96	272	87	269E	271	495	152	312	38
GRAYSTOKE LAKE		2F04	1810				190	200	324	128	223*	12	
MOUNT KOBAL		2F12	1810	28-Jan	63	131	65	164	242	373	43	201	45
WHITEROCKS MOUNTAIN		2F09	1830	27-Jan	116	296	74	359		693	135	399	39
SILVER STAR MOUNTAIN		2F10	1840	29-Jan	135	396	78	527	466	721	229	507	53

SIMILKAMEEN Drainage Basin

		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
Snow Course Name and Number													
HAMILTON HILL		2G06	1490	29-Jan	100	282	109	143	158	411	91	258	46
MISSEZULA MOUNTAIN		2G05	1550	30-Jan	68	152	87	143	110	284	60	174	45
ISINTOK LAKE		2F11	1680	27-Jan	60	109	82	103	102	307	26	133	45
LOST HORSE MOUNTAIN		2G04	1920	30-Jan	65	154	93	144	122	335	70	165	50
BLACKWALL PEAK		2G03P	1940	01-Feb	227	737	124	538	525	1076	159	595	44

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
PALISADE LAKE	3A09P	880	01-Feb	N/A	N/A	N/A	738	284	790	238	570*	8
CALLAGHAN CREEK	3A20	1040	01-Feb	225	638	111	670		1040	50	577	28
DOG MOUNTAIN	3A10	1080	01-Feb	214	696	95	754	506	1243	206	731	28
GROUSE MOUNTAIN	3A01	1100	01-Feb	239	764	100	870	564	1530Z	50	762	61
ORCHID LAKE	3A19	1190	02-Feb	379	1341	118	1246	1160	1855	408	1141	32
ORCHID LAKE	3A19P	1190	01-Feb	352	1247	123	1092	941	1859	396	1014*	15
UPPER SQUAMISH RIVER	3A25P	1340	01-Feb	342	1173	114	1368	1151	1510	563	1025	20
NOSTETUKO RIVER	3A22P	1500	01-Feb	75	524	127	492	439	788	131	413*	21
UPPER MOSELY CREEK	3A24P	1650	01-Feb	76	253	104	253	294	509	98	243*	23

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ELK RIVER	3B04	270	01-Feb	23	77	80	141	0	544	0	96	51
WOLF RIVER (LOWER)	3B19	640	01-Feb	86	254	102	444	244	572	0	248	38
WOLF RIVER (MIDDLE)	3B18	1070	01-Feb	135	324	81	622	440	742	0	401	39
FORBIDDEN PLATEAU	3B01	1130	01-Feb	325	1164	122	1337	995	1640	42	955	51
JUMP CREEK	3B23P	1160	01-Feb	200	653	92	713	425	1335	206	710	15
WOLF RIVER (UPPER)	3B17P	1490	01-Feb	N/A	918	104	1189	985	1371	170	881	21

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02	01-Feb	435	1442	176	833	960	1345	508A	821	55
TAHTSA LAKE	1B02P	01-Feb	N/A	1395E	154		957	1539	621	903	16
BURNT BRIDGE CREEK	3C08P	01-Feb	314	1119	210	487	562	803	240	532*	12

SKAGIT Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALO RIVER WEST	3D01C	02-Feb	96	304	126	147	72	368	0	242	18
KLESILKWA	3D03A	02-Feb	84	229	89	120	84	508	0	257	55

PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT ST. JOHN A	4A25	690	02-Feb	31	60	71	71	154	22	84	36
PACIFIC LAKE	1A11	770	26-Jan	221	649	144	440	425	679	179	44
WARE (LOWER)	4A04	980	28-Jan	75	160	119	110	113	286	63	41
PHILIP LAKE	4A13	980	27-Jan	109	272	135	197	169	355	118	43
AIKEN LAKE	4A30P	1040	01-Feb	N/A	256	130	189	135	330	116	24
TUTIZZI LAKE	4A06	1070	27-Jan	116	277	149	183	136	348	109	42
TSAYDAYCHI LAKE	4A12	1160	27-Jan	148	430	156	294	248	507	146	42
KAZA LAKE	1A12	1190	27-Jan	118	299	125	243	145	440	125	39
PULPIT LAKE	4A09	1310	28-Jan	126	375	126	282	224	530	190	41
PULPIT LAKE	4A09P	1310	01-Feb	N/A	373	120	313	256	466	231	21
FREDRICKSON LAKE	4A10	1310	27-Jan	90	197	110	142	114	309	110	41
PINE PASS	4A02P	1400	01-Feb	N/A	1257	169	623	675	1241	236	20
TRYGVE LAKE	4A11	1400	28-Jan	130	362	140	215	201	434	183	40
SIKANNI LAKE	4C01	1400	28-Jan	93	234	126	158	132	325	81	43
PINE PASS	4A02	1430				779A	804	1194	411	809	40
MORFEE MOUNTAIN	4A16	1450	26-Jan	201	733	122	570	510	952	323	43
LADY LAURIER LAKE	4A07	1460	29-Jan	189	679	190	357	353	635	226	39
MOUNT SHEBA	4A18	1490	26-Jan	261	872	153	560	603	932	299	42
GERMANSEN (UPPER)	4A05	1500	27-Jan	120	325	136	263	221	371	140	42
MOUNT STEARNS	4A21	1500	28-Jan	50	98	97	105	90	196	40	37
JOHANSON LAKE	4B02	1540	27-Jan	103	272	131	183	144	355	115	40
MONKMAN CREEK	4A20	1550				412	414	775	163	409	33
WARE (UPPER)	4A03	1570	28-Jan	80	184	101	160	143	289	108	40
KWADACHA RIVER	4A27P	1620	01-Feb	N/A	230E	97	193	191	371	139	26

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT NELSON A	4C05	380	30-Jan	29	46	58	65		128	35	45
DEASE LAKE	4C03	820				97		202	36	106	46
JADE CITY	4C15	940	26-Jan	78	160	99	144		228	102	9
SIKANNI LAKE	4C01	1400	28-Jan	93	234	126	158	132	325	81	43

SKEENA/NASS Drainage Basin

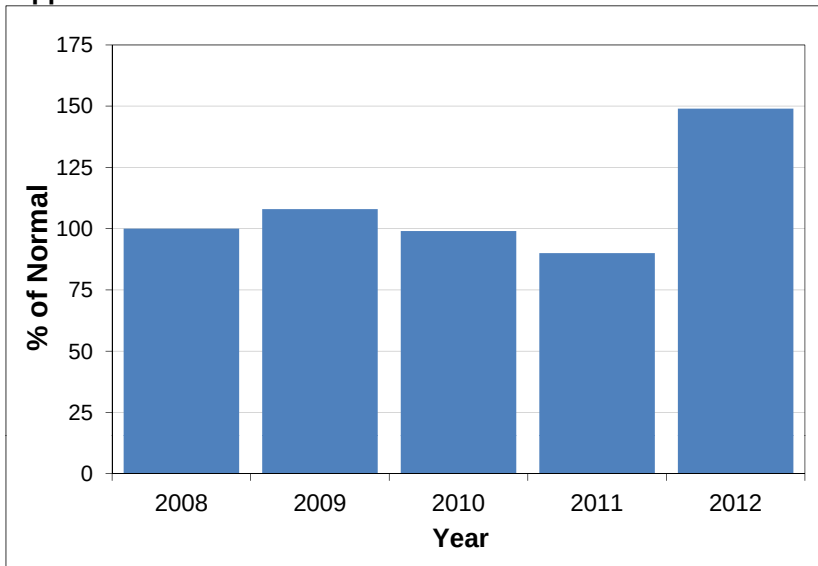
Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TERRACE A	4B13A	180	27-Jan	200	330	220	184		274	0	150	31
BEAR PASS	4B11A	460					417	300	821	192	505	26
NINGUNSAW PASS	4B10	690	30-Jan	171	462A	145	282		603	171	319	33
GRANDUC MINE	4B12P	790	01-Feb	N/A	1559	112			1639	1275	1398*	3
CEDAR-KITEEN	4B18P	885	01-Feb	240	847	189		256	717	256	447*	8
TACHEK CREEK	4B06	1140	26-Jan	97	198	124	172	161	298	99	160	15
KAZA LAKE	1A12	1190	27-Jan	118	299	125	243	145	440	125	239	39
LU LAKE	4B15P	1310	01-Feb	103	283	147	224E	192	353	94	192*	13
TSAL CREEK	4B17P	1360	01-Feb	335	1483	179	846	835	1234	619	829*	14
KIDPRICE LAKE	4B01	1370	31-Jan	349	1220	191	681	712	1106	420	638	52
TRYGVE LAKE	4A11	1400	28-Jan	130	362	140	215	201	434	183	258	40
HUDSON BAY MTN.	4B03A	1480	31-Jan	189	582	154	359	346	665	221	379	40
SHEDIN CREEK	4B16P	1480	01-Feb	266	877	144	564	436	777	436	608*	14
JOHANSON LAKE	4B02	1540	27-Jan	103	272	131	183	144	355	115	208	40

STIKINE/TAKU Drainage Basin

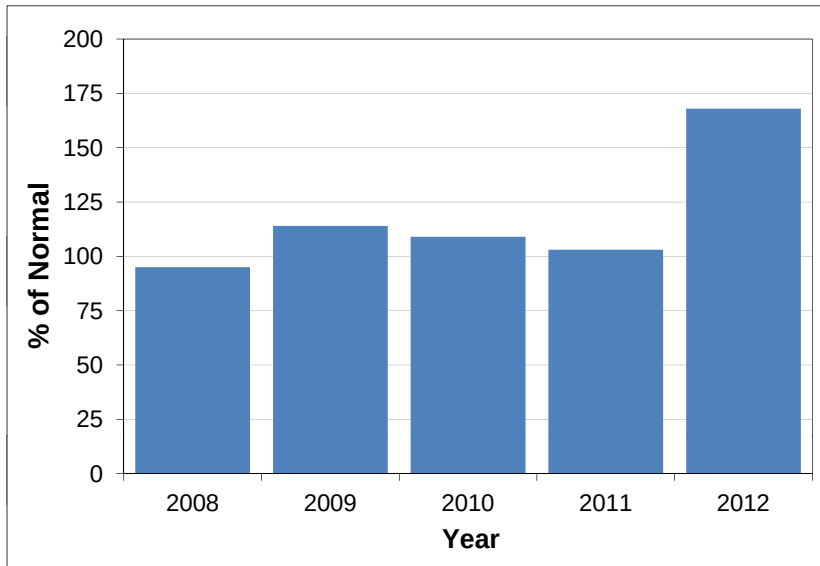
Snow Course Name and Number		Elev. metres	Date of Survey	Feb 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
NINGUNSAW PASS	4B10	690	30-Jan	171	462A	145	282		603	171	319	33
DEASE LAKE	4C03	820					97		202	36	106	46
ISKUT	4D02	1000	30-Jan	57A	74A	85	101		162	30	87	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 N- SCHEDULED, BUT NOT MEASURED * - PERIOD OF RECORD AVERAGE N/A - NOT AVAILABLE NOTE: 1971-2000 NORMALS BEING USED												

Snow Basin Index Graphs - February 1, 2011

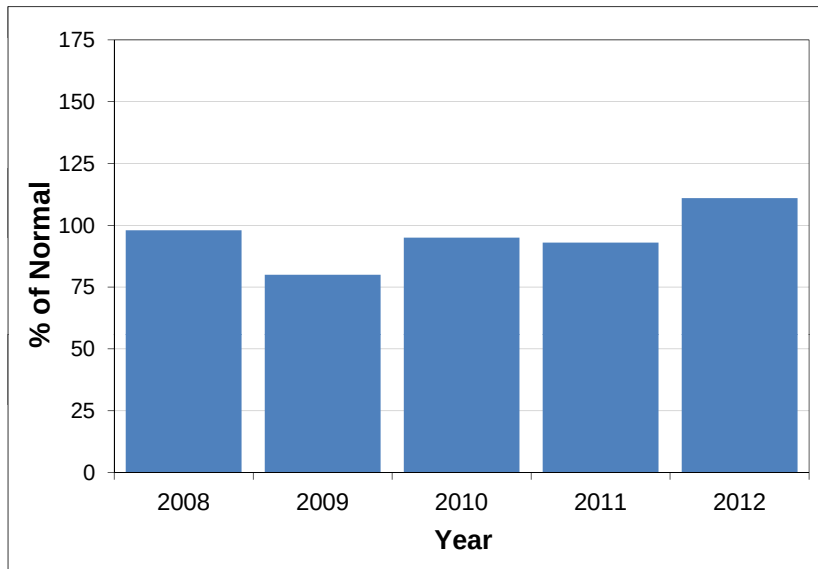
Upper Fraser



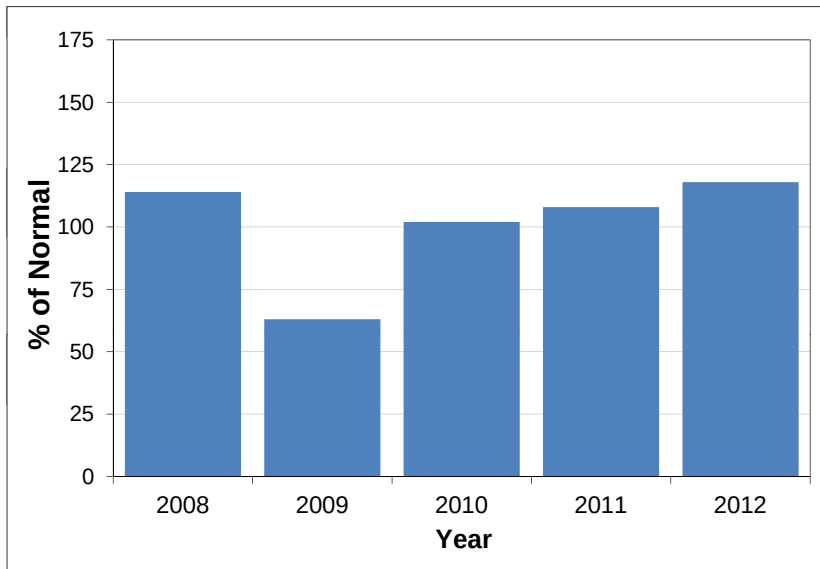
Nechako



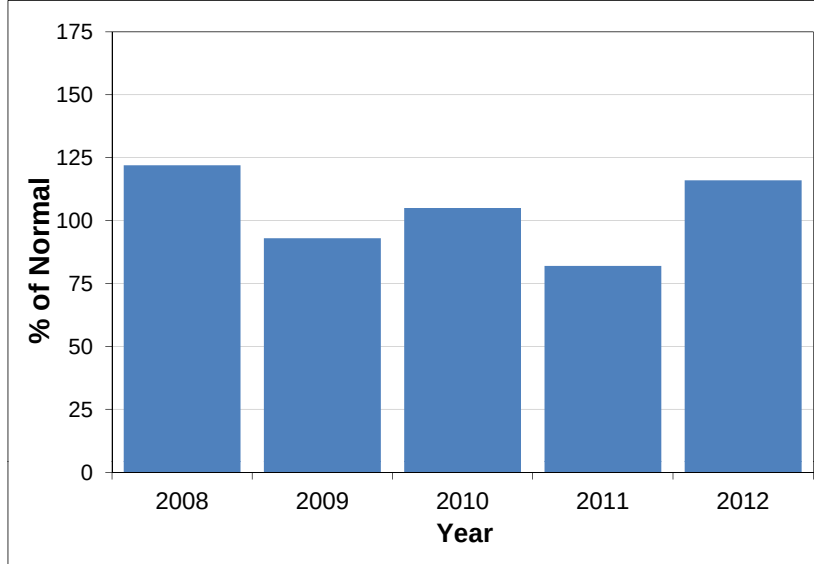
Middle Fraser



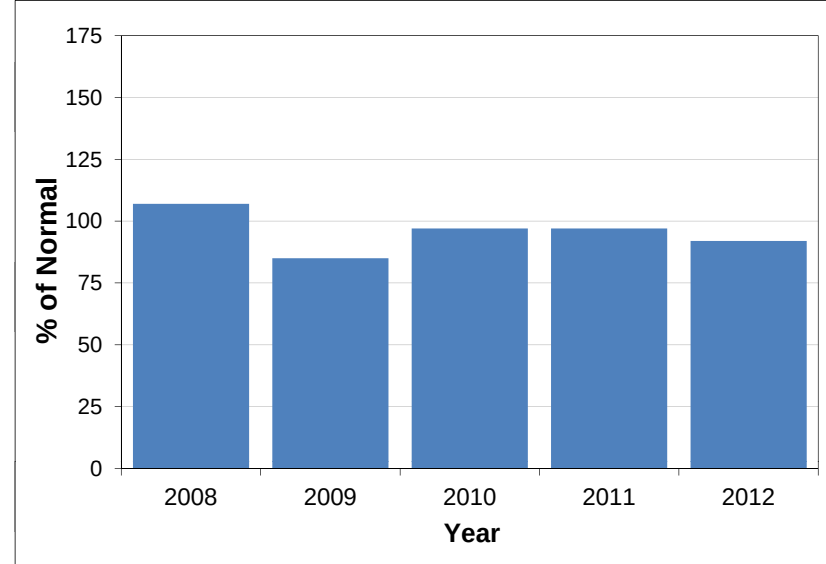
Lower Fraser



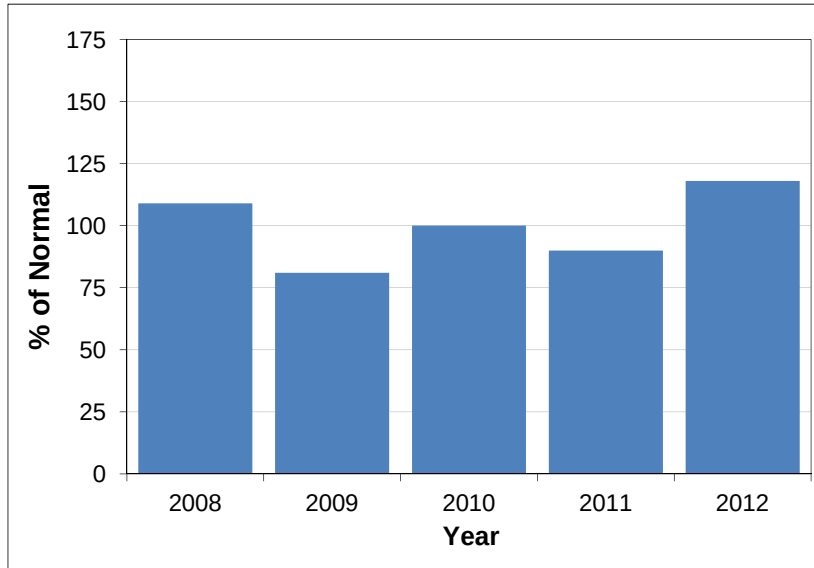
North Thompson



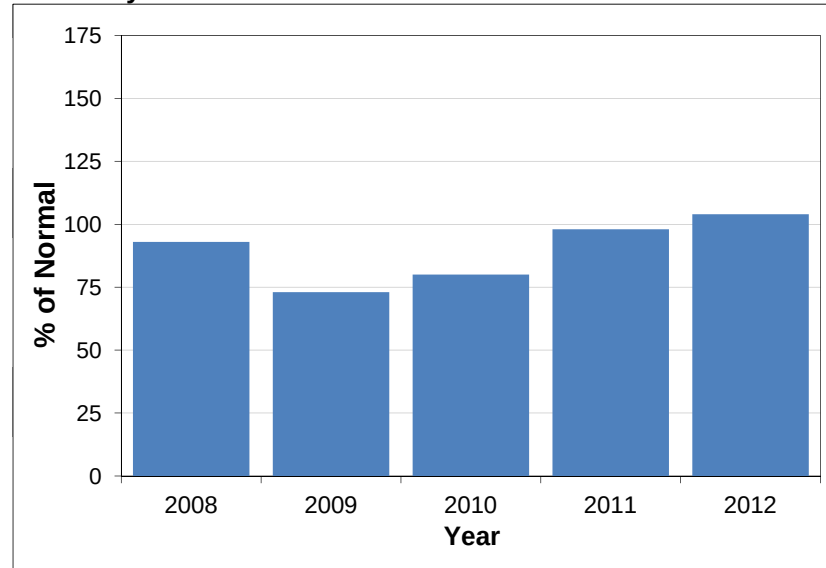
South Thompson



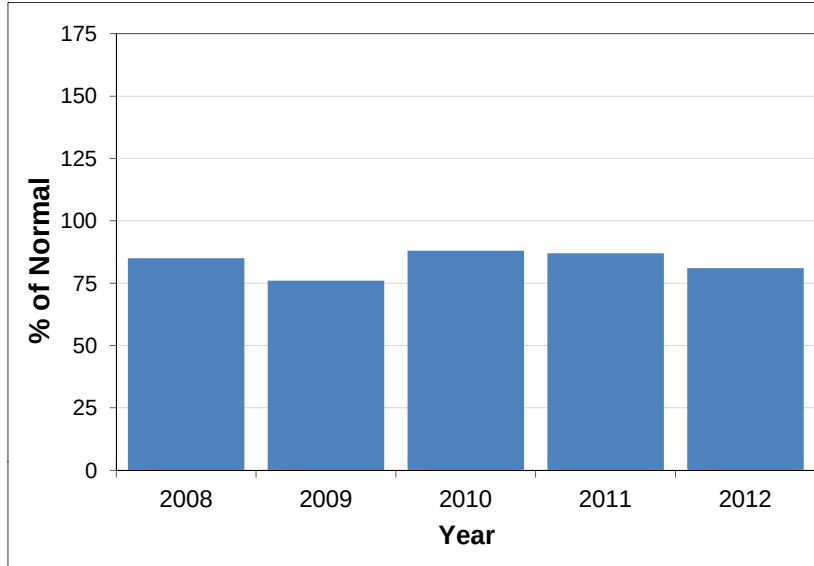
Columbia



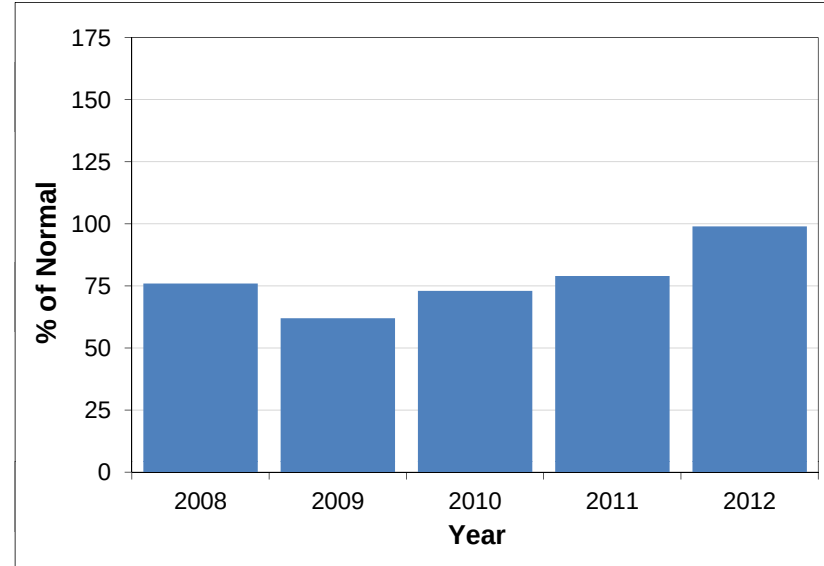
Kootenay



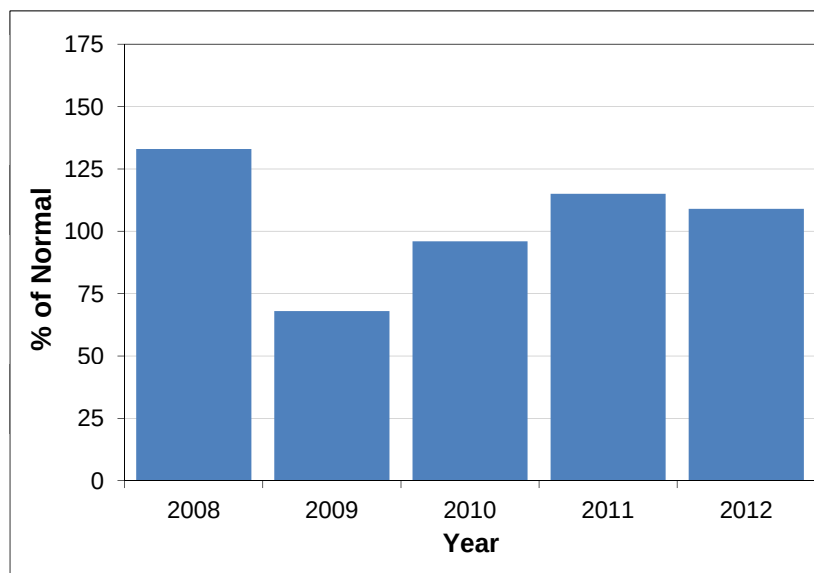
Okanagan-Kettle



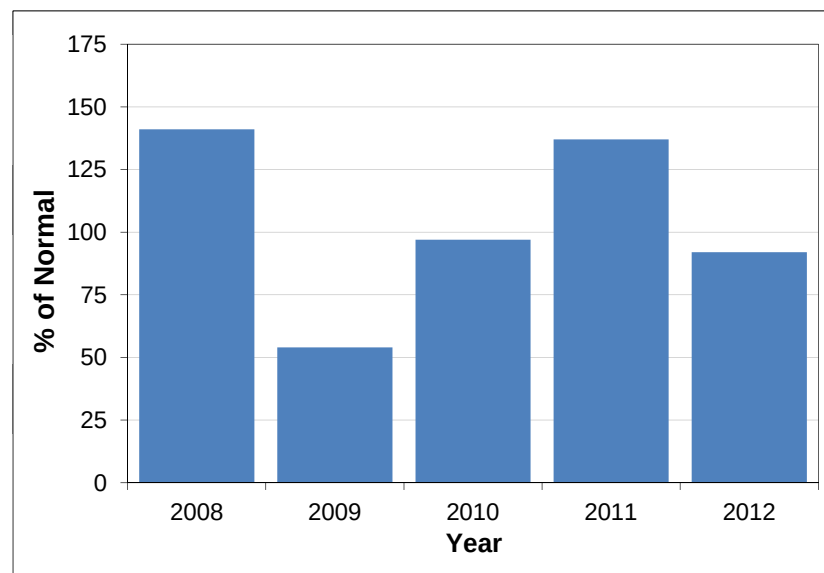
Similkameen



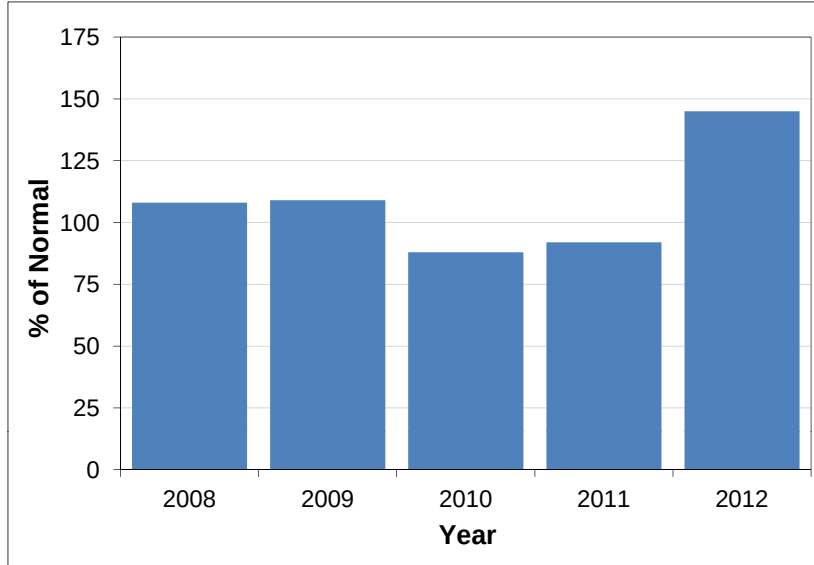
South Coast



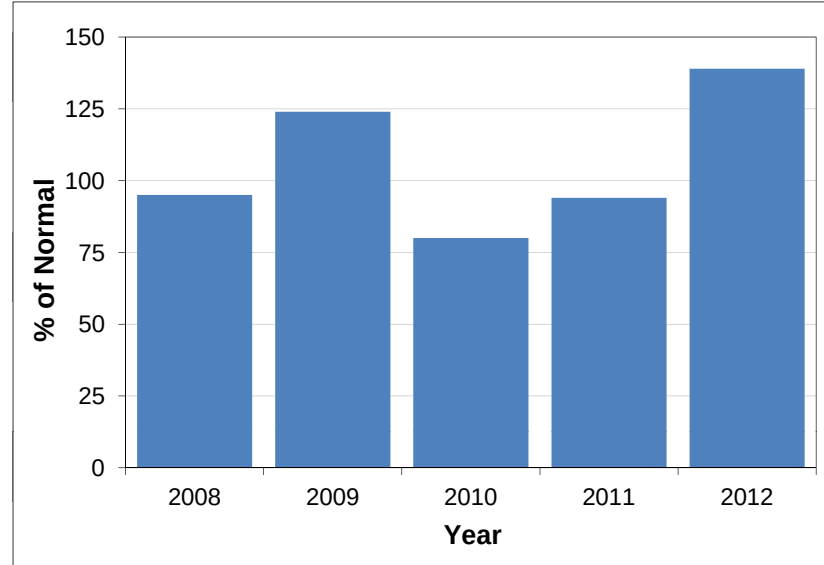
Vancouver Island



Peace



Skeena-Nass



Snow Survey and Water Supply Bulletin – March 1st, 2012

The March 1st snow survey is now complete. Data from 151 snow courses and 53 snow pillows around the province and out-of-province sampling locations, and climate data from Environment Canada, have been used to form the basis for the following reports¹.

Weather

The early part of February was fairly dry across British Columbia. Through the middle and later parts of the month, a number of weather systems impacted the province with moderate precipitation. Overall, temperatures across the province were +0.5-1.0 °C warmer than normal through February, with warmer conditions most pronounced in the central Interior, northern Interior, northern BC, and coastal areas. Precipitation in February was slightly below normal across the province, with wetter than normal conditions observed in the southern Interior and Okanagan.

Snowpack

Weather patterns through February led to a normalizing of snow packs throughout the province. Specifically, areas with lower snow packs on February 1st increased slightly to March 1st (in particular the south Interior and Okanagan), and areas with very high snow pack decreased slightly (in particular the Upper Fraser River and Nechako).

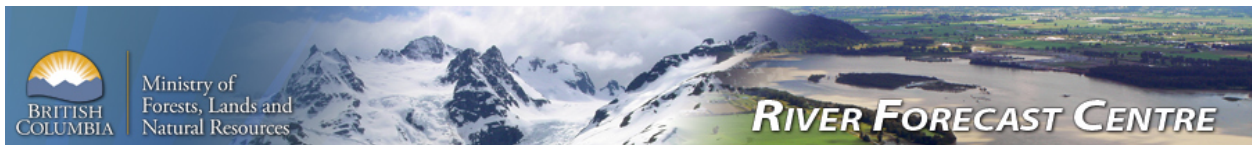
Snow packs remain higher than normal in the Upper Fraser, Nechako, Peace and Skeena-Nass basins (see Map 1). A number of individual snow survey locations in the Upper Fraser, Nechako and Skeena-Nass basins are above historic maximum levels for this time of year. Overall snow basin index for the Fraser River is 118%, and is slightly below levels observed in 2007 (125%). Current basin index for the Fraser River is the 9th highest March 1st snow pack that had been observed since 1953, when snow measurements were first recorded.

Below normal snow basin indices are present Okanagan-Kettle at 88%. Other areas of the province are at normal or near normal snow pack levels.

BC Snow Basin Indices – March 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	144%	Kootenay	101%
Nechako	158%	Okanagan-Kettle	88%
Middle Fraser	107%	Similkameen	102%
Lower Fraser	106%	South Coast	97%
North Thompson	107%	Vancouver Island	102%
South Thompson	97%	Peace	126%
Columbia	111%	Skeena-Nass	125%

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.



Snow Survey and Water Supply Bulletin – March 1st, 2012

Outlook

By this date, about 80% of the annual BC snowpack has typically accumulated, with approximately 6-8 weeks of additional accumulation season still to come. At a provincial level, snow pack levels are near normal through most of the province, with the exception of higher snow pack levels in northern BC, and lower snow pack levels in the Okanagan-Kettle.

At this stage the main issue related to snow pack is the above-normal snow packs in the Upper Fraser, Nechako, Peace, and Skeena-Nass regions, with increased seasonal flood hazard expected in these regions. Current snow pack levels in the Upper Fraser and Nechako basins are above March 1st levels in 2007, but are below the March 1st 2007 levels in other basins, including the overall Fraser River basin.

Lower than normal snow pack in the Okanagan-Kettle basin continues to be a concern for seasonal flow and the potential for low flows through the summer. Conditions have improved since February.

La Niña conditions are present across the equatorial Pacific Ocean, though temperature anomalies are weaker than were observed during last year's La Niña event. The Climate Prediction Centre with the U.S. National Weather Service (NOAA) is predicting the La Niña event to break down into the spring of 2012, with signs of this break down already being displayed with warming sea surface temperatures in the eastern Pacific Ocean. Current probabilistic seasonal weather forecasts from Environment Canada are for cooler than normal conditions forecast for the next 3 months through most of British Columbia, particularly the western portions of the province. Seasonal precipitation forecasts are for more normal precipitation over the same period across the province.

The current seasonal climate outlook is favourable for the maintenance of current snow pack levels, relative to normal, through most of the province.

While snow pack is one important factor in determining seasonal flood risk, whether or not major flooding occurs is largely dependent on the weather during the snowmelt season in May and June.

Produced by: BC River Forecast Centre
March 7th, 2012

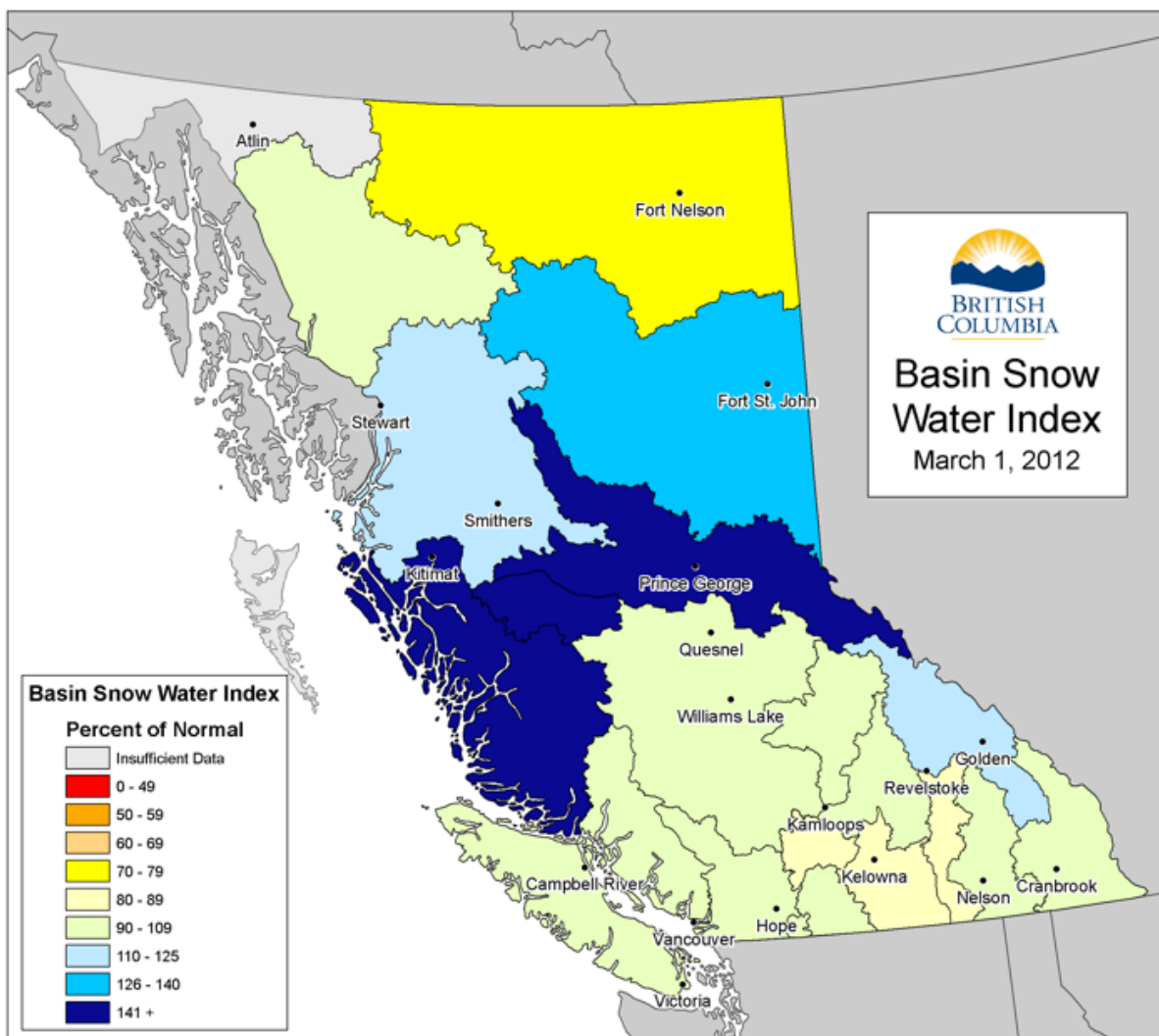


Ministry of
Forests, Lands and
Natural Resources

RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – March 1st, 2012

Map 1: Basin Snow Water Index-March 1st, 2012



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 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
HANSARD	1A06A	610	28-Feb	63	167	85	274	126	396	44	196	39
PRINCE GEORGE A	1A10	690	27-Feb	55	131	96	163	108	296	0	136	50
PACIFIC LAKE	1A11	770	29-Feb	244	866	152	582	487	832	277	569	49
BURNS LAKE	1A16	800	29-Feb	71	152	106	140	98	250	60	143	40
CANOE RIVER	2A01A	910	29-Feb	51	126	112	150	102A	251	19	113	70
PHILIP LAKE	4A13	980	01-Mar	106	312	124	245	200	400	138	252	47
HEDRICK LAKE	1A14	1100	29-Feb	239	890	144	764	509	954	327	618	44
HEDRICK LAKE	1A14P	1100	01-Mar	261	1058	155	817	614	919	386	683*	11
BIRD CREEK	1A23	1180	02-Mar	65	156	119	154	118	232	72	131*	22
KAZA LAKE	1A12	1190	01-Mar	128	354	119	297	187	478	186	297	45
LU LAKE	4B15	1300	28-Feb	133	358	133	258	240	412	122	269	33
LU LAKE	4B15P	1310	01-Mar	131	355	132	262	218	405	120	269	13
EQUITY MINE	4B14	1420	28-Feb	160	470	134	338	324	546	190	351	34
MOUNT SHEBA	4A18	1490	29-Feb	237	998	140	884	684	1123	394	715	41
BARKERVILLE	1A03P	1520	01-Mar	125	353	111	335	246	479	161	319	32
KNUDSEN LAKE	1A15	1580	29-Feb	255	1024	142	760	548	1098	404	722	41
MCBRIDE (UPPER)	1A02P	1620	01-Mar	178	556	145	401	365	540	257	383*	18
REVOLUTION CREEK	1A17P	1690	01-Mar	330	1135	163	692	582	1119	339	696	26
LONGWORTH (UPPER)	1A05	1740	29-Feb	252	954	142		654	1104	307	674	52
DOMM MOUNTAIN	1A19P	1820	01-Mar	250	908	147	642	465	859	450	616*	6
YELLOWHEAD	1A01P	1860	01-Mar	159	563	113	418	509	720	270	499	15

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SKINS LAKE	1B05	880	02-Mar	36	90	78	119	109	226	54	115	47
TAHTSA LAKE	1B02	1300	03-Mar	418	1777	173	1102	991	1504	571	1025	60
TAHTSA LAKE	1B02P	1300	01-Mar	N/A	1624	150	1166	1085	1731	661	1084	18
KIDPRICE LAKE	4B01	1370	02-Mar	336	1320	165	635	767	1252	429	802	60
MOUNT PONDOSY	1B08P	1400	01-Mar	N/A	986	139	578	616	987	368	710	19
MOUNT WELLS	1B01	1490	02-Mar	187	637	137	438	414	954	244	464	59

MOUNT WELLS	1B01P	1490	01-Mar	N/A	712	144	461	426	737	246	495	19
NUTLI LAKE	1B07	1490	02-Mar	217	779	169	433	460	717	229	460*	21
MOUNT SWANNELL	1B06	1620	02-Mar	96	254	100	265	239	446	132	254*	23

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PUNTZI MOUNTAIN	1C22	940	28-Feb	18	44	70	88	64	128	0	63	41
BROOKMERE	1C01	980	26-Feb	78	190	98	179	109	351	53	194	67
NAZKO	1C08	1070	28-Feb	37	62	78	124	62	142	0	80	34
BIG CREEK	1C21	1140	26-Feb	15	22	40	60	32	112	0	55	40
GRANITE MOUNTAIN	1C33A	1150	29-Feb	74	183	112	188	136	211	132	164	6
DUFFEY LAKE	1C28	1200	01-Mar	161	534	116	562	422	762	194	459	33
PAVILION	1C06	1230	01-Mar	26	50	70	71	47	168	0	71	54
BRIDGE GLACIER (LOWER)	1C39	1400	01-Mar	170	522	101	554	714	954	146	517*	17
DEADMAN RIVER	1C32	1430	01-Mar	59	145	138	220	50	220	44	105	28
BRALORNE	1C14	1450	01-Mar	51	98	58	161	165	363	0	169	48
SHOVELNOSE MOUNTAIN	1C29	1450	28-Feb	96	267	106	223	197	398	100	253	30
BOSS MOUNTAIN MINE	1C20P	1460	01-Mar	166	460	90	465	464	735	319	511	18
LAC LE JEUNE (UPPER)	1C25	1460	27-Feb	56	104	78	134	115	213	13A	134	39
BRENDA MINE	2F18	1460	28-Feb	102	227	79	239	256	495	130	287	43
BRENDA MINE	2F18P	1460	01-Mar	N/A	296	87	310	286E	431	186	342	18
HIGHLAND VALLEY	1C09A	1510	29-Feb	46	96	108	123	88	229	25A	89	46
BARKERVILLE	1A03P	1520	01-Mar	125	353	111	335	246	479	161	319	32
HORSEFLY MOUNTAIN	1C13A	1550	29-Feb	135	408	98	500	392	624	238	418	38
GNAWED MOUNTAIN	1C19	1580	29-Feb	60	122	110	150	128	259	15	111	44
MOUNT TIMOTHY	1C17	1660	06-Mar	137	329	115	329	254	468	141	285	49
YANKS PEAK EAST	1C41P	1670	01-Mar	223	781	112	764	564	900	409	700	15
PENFOLD CREEK	1C23	1680	27-Feb	270	978	118	833	793	1132	453	828	36
GREEN MOUNTAIN	1C12P	1780	01-Mar	N/A	796	106	729	988	1259	323	754	17
MCGILLIVRAY PASS	1C05	1800	01-Mar	170	555	106	480	588	1016	222	522	59
MISSION RIDGE	1C18P	1850	01-Mar	N/A	563	109	479	436	866	269	515	25
DOWNTON LAKE (UPPER)	1C38	1890	01-Mar	212	804	106	720	946	1250	302	755	17
TYAUGHTON CREEK (NORTH)	1C40	1950	01-Mar	131	410	111	414	570	916	180	368	17

BRALORNE(UPPER)	1C37	1980					580	624	944	268	631	17
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LOWER FRASER Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
SUMALLO RIVER WEST	3D01C	790	28-Feb	104	306	113	276	7	442	7	271	20
BROOKMERE	1C01	980	26-Feb	78	190	98	179	109	351	53	194	67
DISAPPOINTMENT LAKE	1D18P	1040	01-Mar	N/A	1367	112	1566	881	1996	259	1226*	11
CALLAGHAN CREEK	3A20	1040	29-Feb	258	840	109	948	740	1260	200	770	32
DICKSON LAKE	1D16	1070	28-Feb	365	1348	107	N	842	1814	322	1263	18
DOG MOUNTAIN	3A10	1080	02-Mar	279	937	92	1168	538	2146Z	256	1016	28
KLESILKWA	3D03A	1130	28-Feb	96	263	89	222	47	759	0	296	57
SPUZZUM CREEK	1D19P	1180	01-Mar	362	1579	132	1255	1054	1906	341	1199*	12
DUFFEY LAKE	1C28	1200	01-Mar	161	534	116	562	422	762	194	459	33
STAVE LAKE	1D08	1210	28-Feb	345	1250	97	1825	1060	2500A	304	1285	44
WAHLEACH LAKE	1D09	1400	28-Feb	184	570	108	N	351	1072	86	528	44
WAHLEACH LAKE	1D09P	1400	01-Mar	N/A	768	80	777	664	1320	457	955	18
NAHATLATCH RIVER	1D10	1520					1497	1320	2380A	400	1194	43
CHILLIWACK RIVER	1D17P	1600	01-Mar	402	1775	155	1438	1095	1699	510	1146*	17
TENQUILLE LAKE	1D06P	1680	01-Mar	N/A	974E	117	1059	1023	1227	503	832*	11

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BLUE RIVER	1E01B	670	27-Feb	117	232	80	348	241	411	179	290	28
KNOUFF LAKE	1E05	1200	29-Feb	48	125	94	108	82	284	36	133	53
BOSS MOUNTAIN MINE	1C20P	1460	01-Mar	166	460	90	465	464	735	319	511	18
MOUNT COOK	1E02P	1550	01-Mar	355	1135E	114	975E	1046	1313	680	993*	10
AZURE RIVER	1E08P	1620	01-Mar	242	1092	111	893	969	1335	548	980	15
ADAMS RIVER	1E07	1720	27-Feb	203	635	110	527	608	892	262	575	40
KOSTAL LAKE	1E10P	1770	01-Mar	230	791	108	711	633	1019	481	733	26
TROPHY MOUNTAIN	1E03A	1860	26-Feb	180	537	119	422	433	778	216	453	37

SOUTH THOMPSON Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
ANGLEMONT	1F02	1190	27-Feb	102	314	93	338	198	635	160	337	54
ABERDEEN LAKE	1F01A	1310	01-Mar	64	144	99			231	51	145	55
MONASHEE PASS	2E01	1370	27-Feb	112	283	92	293	201	442	149	306	52
BOULEAU LAKE	2F21	1400					208	190	432A	165	295	40
CELISTA	1F06P	1500	01-Mar	230	752	103	681	769	919	604	729*	6
ADAMS RIVER	1E07	1720	27-Feb	203	635	110	527	608	892	262	575	40
KIRBYVILLE LAKE	2A25	1750					900	1014	1476	526	986	39
SILVER STAR MOUNTAIN	2F10	1840	01-Mar	184	588	92	614	562	912	347	636	53
PARK MOUNTAIN	1F03P	1890	01-Mar	225	630	85	690	613	1021	393	739	27
ENDERBY	1F04	1900							1200	440	859	46

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
CANOE RIVER	2A01A	910	29-Feb	51	126	112	150	102A	251	19	113	70
DOWNIE SLIDE (LOWER)	2A27	980					670	N	1018	378	631	30
GLACIER	2A02	1250	29-Feb	213	824	131	586	473	952	251	631	72
FIELD	2A03A	1280	28-Feb	62	128	79	203	90	248	53	162	71
VERMONT CREEK	2A19	1520	28-Feb	132	427	107	415	305	643	152	400	45
AZURE RIVER	1E08P	1620	01-Mar	242	1092	111	893	969	1335	548	980	15
DOWNIE SLIDE (UPPER)	2A29	1630					950	1214	2120	614	1139	32
KICKING HORSE	2A07	1650	28-Feb	181	267	87	302	228	462	140	308	65
KIRBYVILLE LAKE	2A25	1750					900	1014	1476	526	986	39
MOUNT REVELSTOKE	2A06P	1830	01-Mar	N/A	1083E	107	833E	821	1487	537	1014	16
FIDELITY MOUNTAIN	2A17	1870	27-Feb	359	1369	127	1061	979	1703	534	1081	49
BEAVERFOOT	2A11	1890	28-Feb	82	206	107	202	124	333	80A	192	49
KEYSTONE CREEK	2A18	1890					663	707	1277	357	696	42
GOLDSTREAM	2A16	1920					950	879	1351	553	968	47

BUSH RIVER	2A23	1920					680	724	1078	281	727	42
MOUNT ABBOT	2A14	1980	01-Mar	330	1294	123	992	900	1448	508	1051	50
MOLSON CREEK	2A21P	1980	01-Mar	N/A	1125	130	750	893	1215	437	865	28
SUNBEAM LAKE	2A22	2010					805	788	1117	389	780	42

LOWER COLUMBIA Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FERGUSON	2D02	880					600	441	796	283	539	57
FARRON	2B02A	1220	27-Feb	93	197	67	248	223	450	79	295	37
MONASHEE PASS	2E01	1370	27-Feb	112	283	92	293	201	442	149	306	52
WHATSHAN (UPPER)	2B05	1480	27-Feb	181	515	84	599	421	918	285	611	49
BARNES CREEK	2B06	1620	27-Feb	154	402	90	444	307	634	251	447	49
BARNES CREEK	2B06P	1620	01-Mar	N/A	431	98	446	341	682	236	440	18
ST. LEON CREEK	2B08	1800	27-Feb	312	1044	95	N	814	1621	500	1098	41
ST. LEON CREEK	2B08P	1800	01-Mar	N/A	878	90	975	701	1392	423	974	18
KOCH CREEK	2B07	1860	27-Feb	188	529	85	562	605	996	269	625	46
RECORD MOUNTAIN	2B09	1890	04-Mar	163	480	76	444	564	1136	147	628	35
EAST CREEK	2D08P	2030	01-Mar	N/A	750	95	754	615	1167	312	790	30

EAST KOOTENAY Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
FERNIE EAST	2C07	1250	29-Feb	114	278	89	287	151	584	61	313	61
SINCLAIR PASS	2C01	1370	27-Feb	61	138	110		44	262	44	126	63
SULLIVAN MINE	2C04	1550	22-Feb	104	264	99	239	134	465	53	268	66
VERMILION RIVER NO.3	2C20	1612					260		493	142	273*	17
KIMBERLEY (MIDDLE) VOR	2C12	1680						129A	386	97	242	41
MOUNT JOFFRE	2C16	1750	28-Feb	112	302	92	370	219	551	122	329	39
MORRISSEY RIDGE	2C09Q	1800	01-Mar	N/A	514	83	578	401	1074	240	620	27
MORRISSEY RIDGE	2C09A	1800					548		959	373	586	14
MOYIE MOUNTAIN	2C10P	1930	01-Mar	128	418	124	387E	245	653	149	338	31

THUNDER CREEK	2C17	2010	28-Feb	108	272	114	236	181	378	91	239	40
FLOE LAKE	2C14	2090	28-Feb	218	694	104	619	543	993	279	665	41
FLOE LAKE	2C14P	2090	01-Mar	359	683	111	626	473	889	254	614	16
KIMBERLEY (UPPER) VOR	2C11	2140						303	696	152	390	42
MOUNT ASSINIBOINE	2C15	2230					393	358	680	185	454	41

WEST KOOTENAY Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
DUNCAN LAKE NO. 2	2D07A	650	29-Feb	68	172	113	322		322	72	152*	20
FERGUSON	2D02	880					600	441	796	283	539	57
NELSON	2D04	930	01-Mar	128	288	82	297	186	558	140	353	72
SANDON	2D03	1070					410		475	196	347	33
CHAR CREEK	2D06	1310	01-Mar	172	477	100	396	347	754	231	476	44
GRAY CREEK (LOWER)	2D05	1550	27-Feb	173	406	100	434	287	663	201	406	60
KOCH CREEK	2B07	1860	27-Feb	188	529	85	562	605	996	269	625	46
MOUNT TEMPLEMAN	2D09	1860					874	668	1534	490	935	38
GRAY CREEK (UPPER)	2D10	1910	27-Feb	258	667	102	662	502	955	343	651	40
EAST CREEK	2D08P	2030	01-Mar	N/A	750	95	754	615	1167	312	790	30
REDFISH CREEK	2D14P	2104	01-Mar	N/A	1241	129	1031	919	1249	619	961*	10

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	27-Feb	93	197	67	248	223	450	79	295	37
CARMI	2E02	1250	02-Mar	61	121	82	116	98	274	56	147	49
MONASHEE PASS	2E01	1370	27-Feb	112	283	92	293	201	442	149	306	52
BIG WHITE MOUNTAIN	2E03	1680	29-Feb	142	355	83	361	384	676	213	426	46
GRANO CREEK	2E07P	1860	01-Mar	139	363	89	381	315	634	218	409*	14
BLUEJOINT MOUNTAIN	2E06	2040	27-Feb	157	448	N/A	573	N/A	773	549	N/A	6

OKANAGAN Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
SUMMERLAND RESERVOIR	2F02	1280	29-Feb	95	234	109	216	174	381	97	214	51
MC CULLOCH	2F03	1280					165	127	249	71	157	72
ABERDEEN LAKE	1F01A	1310	01-Mar	64	144	99			231	51	145	55
OYAMA LAKE	2F19	1340	29-Feb	68	118	75	88	110	241	73	157	42
POSTILL LAKE	2F07	1370	28-Feb	82	186	100	170	116	274	98	186	62
VASEUX CREEK	2F20	1400	01-Mar	56	106	76		60	284	52	139	40
BOULEAU LAKE	2F21	1400					208	190	432A	165	295	40
TROUT CREEK	2F01	1430	29-Feb	93	228	135	191	172	335	55	169	72
TROUT CREEK (WEST)	2F01A	1430	29-Feb	89	229	123	176	196	196	176	186*	2
BRENDA MINE	2F18	1460	28-Feb	102	227	79	239	256	495	130	287	43
BRENDA MINE	2F18P	1460	01-Mar	N/A	296	87	310	286E	431	186	342	18
ISLAHT LAKE	2F24	1480	01-Mar	112	234	74	264	230	497	161	317	30
GREYBACK RESERVOIR	2F08	1550	28-Feb	85	214	108		192	312	91	198	44
ESPERON CR (UPPER)	2F13	1650	27-Feb	123	284	77	276	260	635	157	371	43
ISINTOK LAKE	2F11	1680	29-Feb	71	171	104	154	116	358	53	164	47
MACDONALD LAKE	2F23	1740	28-Feb	118	314	80	406	346	583	170	394	35
MISSION CREEK	2F05P	1780	01-Mar	145	395	102	320E	308	610	203	388	38
GRAYSTOKE LAKE	2F04	1810	02-Mar	122	288	87			605	128	330	29
MOUNT KOBAN	2F12	1810	27-Feb	72	164	63	216	308	488	61	259	46
WHITEROCKS MOUNTAIN	2F09	1830	27-Feb	154	427	86	436	N	809	180	499	55
SILVER STAR MOUNTAIN	2F10	1840	01-Mar	184	588	92	614	562	912	347	636	53

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	26-Feb	78	190	98	179	109	351	53	194	67
LIGHTNING LAKE	3D02	1220	25-Feb	131	357	127	252	184	497	36	282	38
HAMILTON HILL	2G06	1490	25-Feb	113	325	100	224	166	676	102	326	47
MISSEZULA MOUNTAIN	2G05	1550	01-Mar	82	210	95	201	128	363	76	221	48
ISINTOK LAKE	2F11	1680	29-Feb	71	171	104	154	116	358	53	164	47
LOST HORSE MOUNTAIN	2G04	1920	01-Mar	76	187	92	213	158	508	92	204	49

BLACKWALL PEAK	2G03P	1940	01-Mar	244	861	118	754	566	1323	213	728	41
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SOUTH COASTAL Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
PALISADE LAKE	3A09	880	01-Mar	331	1120	95	1275	736	3150A	95	1183	56
PALISADE LAKE	3A09P	880	01-Mar	N/A	N/A	N/A	1090	205	1450	205	783*	9
CALLAGHAN CREEK	3A20	1040	29-Feb	258	840	109	948	740	1260	200	770	32
DOG MOUNTAIN	3A10	1080	02-Mar	279	937	92	1168	538	2146Z	256	1016	28
GROUSE MOUNTAIN	3A01	1100	06-Mar	322	1152	116	1122	590	2320A	143	997	61
ORCHID LAKE	3A19	1190	27-Feb	426	1335	85	1727	1399	2960A	444	1568	36
ORCHID LAKE	3A19P	1190	01-Mar	591	1541	122	1570	1157	3093	343	1265*	15
UPPER SQUAMISH RIVER	3A25P	1340	01-Mar	373	1392	101	1878	1326	2301	585	1380	21
NOSTETUKO RIVER	3A22P	1500	01-Mar	78	582	115	674	458	855	165	506*	21
UPPER MOSELY CREEK	3A24P	1650	01-Mar	84	288	121	312	298	555	84	238*	41

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ELK RIVER	3B04	270	26-Feb	21	55	48	165	0	546	0	114	51
WOLF RIVER (LOWER)	3B19	640	26-Feb	114	346	100	574	274	1064	0	347	41
UPPER THELWOOD LAKE	3B10	980	26-Feb	389	1428	119	1212	N	2440A	126	1204	51
WOLF RIVER (MIDDLE)	3B18	1070	26-Feb	169	442	83	750	624	1344	20	532	41
FORBIDDEN PLATEAU	3B01	1130	26-Feb	380	1367	107	1680	1350	2730A	101	1279	56
JUMP CREEK	3B23P	1160	01-Mar	260	861	88	1073	589	2016	304	977	15
MOUNT COKELY	3B02A	1250	06-Mar	210	682	97	748		1034	34	701	29
WOLF RIVER (UPPER)	3B17P	1490	01-Mar	N/A	1149	98	1481	1301	1777	210	1178	23

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	

WEDEENE RIVER SOUTH	3C07	300	28-Feb	277	945	260			817	45A	364	25
TAHTSA LAKE	1B02	1300	03-Mar	418	1777	173	1102	991	1504	571	1025	60
TAHTSA LAKE	1B02P	1300	01-Mar	N/A	1624	150	1166	1085	1731	661	1084	18
BURNT BRIDGE CREEK	3C08P	1330	01-Mar	320	1231	178	707	609	1148	285	692*	13

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALLO RIVER WEST	3D01C	790	28-Feb	104	306	113	276	7	442	7	271	20
KLESILKWA	3D03A	1130	28-Feb	96	263	89	222	47	759	0	296	57
LIGHTNING LAKE	3D02	1220	25-Feb	131	357	127	252	184	497	36	282	38

PEACE Drainage Basin

		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record	
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
Snow Course Name and Number													
FORT ST. JOHN A		4A25	690	05-Mar	25	69	64	72		191	38	107	37
PACIFIC LAKE		1A11	770	29-Feb	244	866	152	582	487	832	277	569	49
WARE (LOWER)		4A04	980	02-Mar	80	167	102	146	139	246	97	164	45
PHILIP LAKE		4A13	980	01-Mar	106	312	124	245	200	400	138	252	47
AIKEN LAKE		4A30P	1040	01-Mar	N/A	285	118	233	150	363	146	242	24
TUTIZZI LAKE		4A06	1070	01-Mar	111	298	130	254	167	386	140	230	47
TSAYDAYCHI LAKE		4A12	1160	01-Mar	154	504	147	350	285	540	166	342	47
KAZA LAKE		1A12	1190	01-Mar	128	354	119	297	187	478	186	297	45
DEADWOOD RIVER		4C09	1300	28-Feb	40	140	N/A						
PULPIT LAKE		4A09	1310	02-Mar	144	427	120	336	264	531	233	357	47
PULPIT LAKE		4A09P	1310	01-Mar	N/A	417	116	385	283	518	271	361	21
FREDRICKSON LAKE		4A10	1310	01-Mar	90	215	100	198	134	315	129	214	46
PINE PASS		4A02P	1400	01-Mar	N/A	1336	145	770	728	1485	292	921	20
TRYGVE LAKE		4A11	1400	01-Mar	130	392	124	301	224	453	211	315	46
SIKANNI LAKE		4C01	1400	02-Mar	96	240	105	221	140	335	107	229	46
PINE PASS		4A02	1430	29-Feb	407	1622	161	996	890	1502	480	1005	48
MORFEE MOUNTAIN		4A16	1450	03-Mar	236	911	123	678	509	1166	312	739	44

LADY LAURIER LAKE	4A07	1460	03-Mar	179	609	139	441	373	662	255	438	45
MOUNT SHEBA	4A18	1490	29-Feb	237	998	140	884	684	1123	394	715	41
GERMANSEN (UPPER)	4A05	1500	01-Mar	128	378	125	300	252	520	174	302	50
MOUNT STEARNS	4A21	1500	02-Mar	55	95	77	140	99	227	56	123	37
JOHANSON LAKE	4B02	1540	01-Mar	110	294	116	237	169	368	148	253	47
MONKMAN CREEK	4A20	1550	29-Feb	183	658	126	N	459	925	211	522	28
WARE (UPPER)	4A03	1570	02-Mar	88	203	92	216	169	360	114	220	50
KWADACHA RIVER	4A27P	1620	01-Mar	N/A	259E	92	225	206	405	195	283*	27

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT NELSON A	4C05	380	03-Mar	32	50	51	78		177	40	98	45
DEASE LAKE	4C03	820	02-Mar	45	81	65	90	60	229	45	125	46
JADE CITY	4C15	940	29-Feb	77	186	93	160	142	310	128	201*	10
SUMMIT LAKE	4C02	1280	29-Feb	38	78	74	152	175	190	0T	106	41
SIKANNI LAKE	4C01	1400	02-Mar	96	240	105	221	140	335	107	229	46

SKEENA/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
TERRACE A	4B13A	180	29-Feb	101	335	187	259		407	0	179	29
BEAR PASS	4B11A	460						329	824	329	610	26
NINGUNSAW PASS	4B10	690	25-Feb	150	375	92	348	224	629	224	408	37
GRANDUC MINE	4B12P	790	01-Mar	N/A	1636	105			1770	1361	1562*	5
CEDAR-KITEEN	4B18P	885	01-Mar	212	936	161	570	280	954	280	581*	11
MCKENDRICK CREEK	4B07	1050	23-Feb	112	340	126			391	155	269	41
TACHEK CREEK	4B06	1140	23-Feb	103	272	132	214	182	332	117	206	44
KAZA LAKE	1A12	1190	01-Mar	128	354	119	297	187	478	186	297	45
LU LAKE	4B15	1300	28-Feb	133	358	133	258	240	412	122	269	33
LU LAKE	4B15P	1310	01-Mar	131	355	132	262	218	405	120	269	13
TSAI CREEK	4B17P	1360	01-Mar	325	1601	164	1102	967	1418	701	978*	14

KIDPRICE LAKE	4B01	1370	02-Mar	336	1320	165	635	767	1252	429	802	60
TRYGVE LAKE	4A11	1400	01-Mar	130	392	124	301	224	453	211	315	46
EQUITY MINE	4B14	1420	28-Feb	160	470	134	338	324	546	190	351	34
CHAPMAN LAKE	4B04	1460	23-Feb	158	575	139	486		691	266	414	45
MOUNT CRONIN	4B08	1480	23-Feb	174	627	120	599		869	345	522	41
HUDSON BAY MTN.	4B03A	1480	24-Feb	180	616	134	469	396	719	287	459	40
SHEDIN CREEK	4B16P	1480	01-Mar	247	957	132	730	509	908	509	725*	16
JOHANSON LAKE	4B02	1540	01-Mar	110	294	116	237	169	368	148	253	47

STIKINE/TAKU Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TELEGRAPH CREEK	4D01	580					85	62	345	53	156	37
NINGUNSAW PASS	4B10	690	25-Feb	150	375	92	348	224	629	224	408	37
DEASE LAKE	4C03	820	02-Mar	45	81	65	90	60	229	45	125	46
ISKUT	4D02	1000	27-Feb	51	108	101	102	54	176	33	107	37
KINASKAN LAKE	4D11	1020	28-Feb	137	485	157			375	204	308	5
TUMEKA CREEK	4D10	1220	28-Feb	165	620	137			595	336	454	10
WADE LAKE	4D14	1370	28-Feb	126	380	119			381	218	320	5

YUKON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Mar 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE	4E02A	730	29-Feb	33	91	83	83	94	185A	50	110*	28
LOG CABIN	4E01	880						332	514	124	330	50

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

N- SCHEDULED, BUT NOT MEASURED

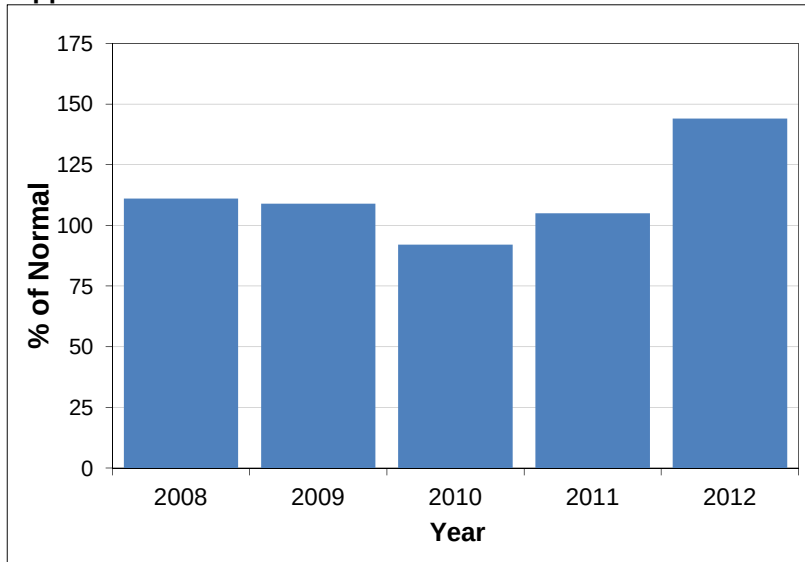
* - PERIOD OF RECORD AVERAGE

N/A - NOT AVAILABLE

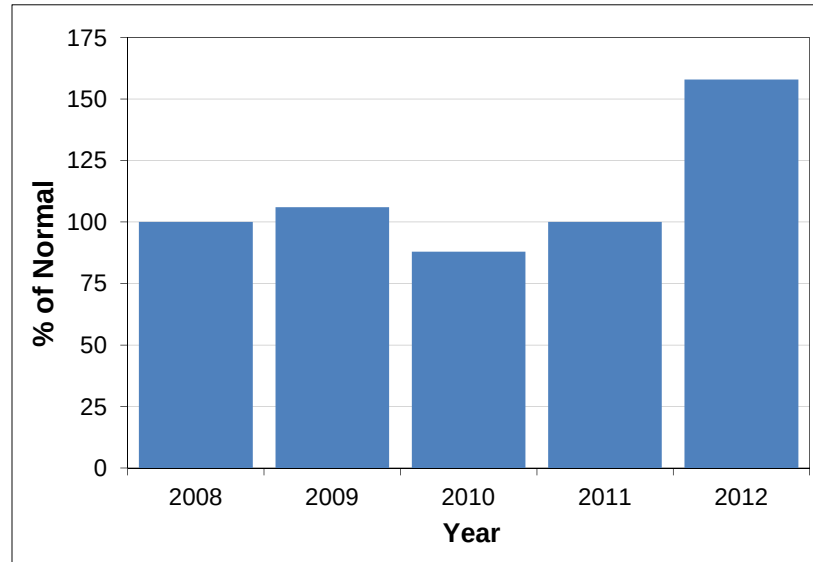
NOTE: 1971-2000 NORMALS BEING USED

Snow Basin Index Graphs - March 1, 2012

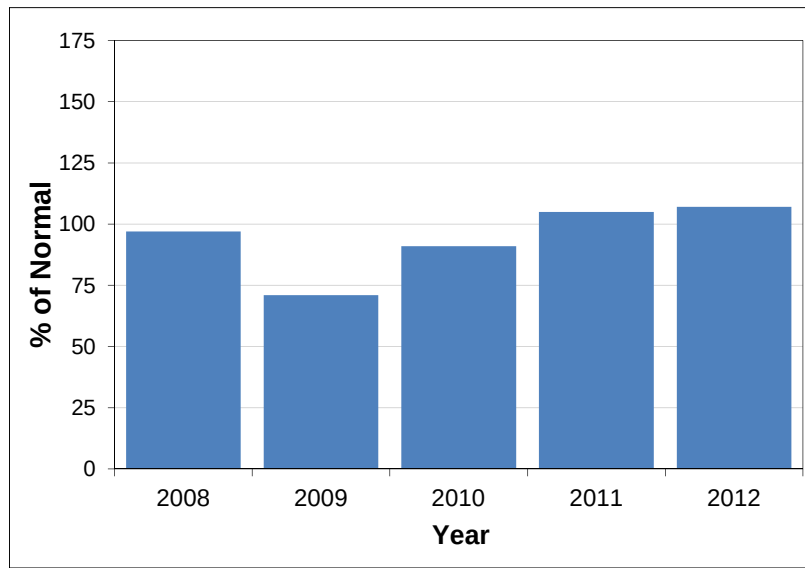
Upper Fraser



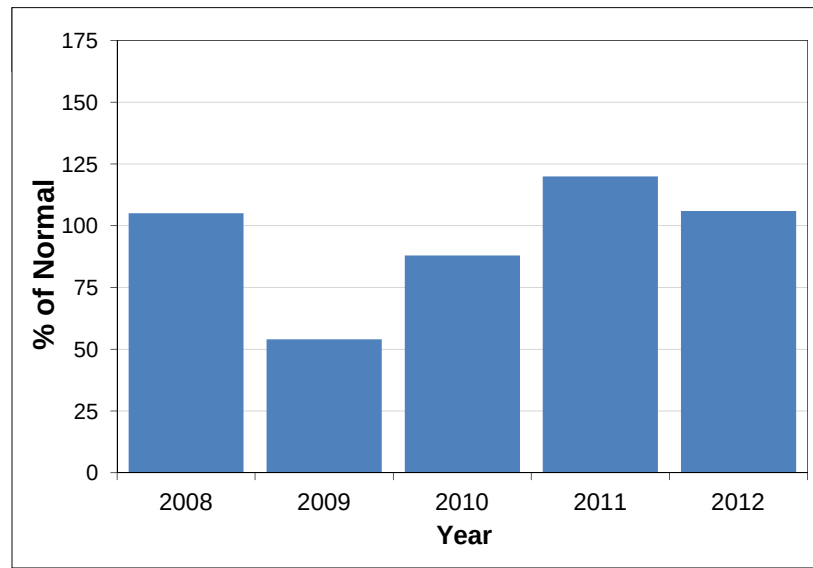
Nechako



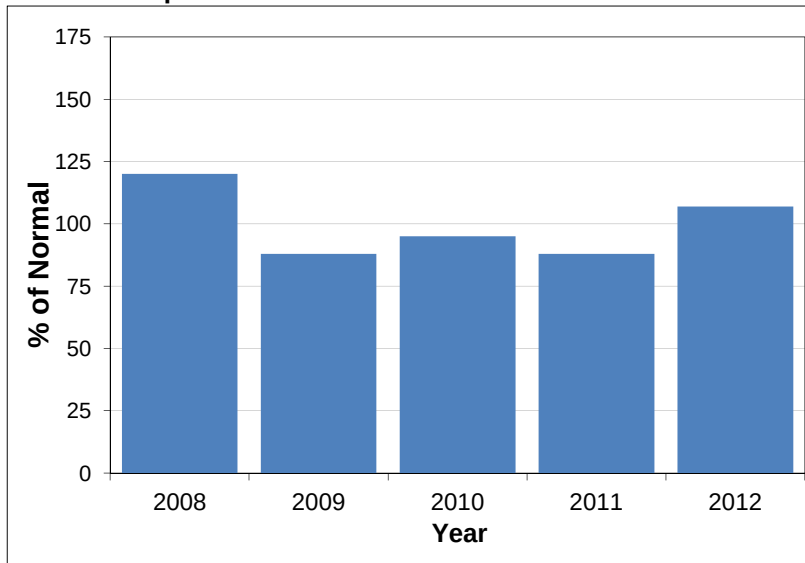
Middle Fraser



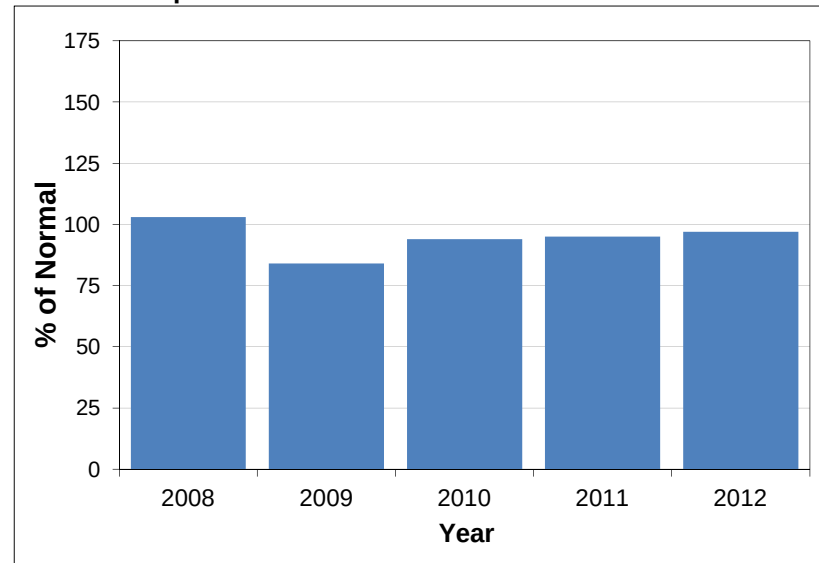
Lower Fraser



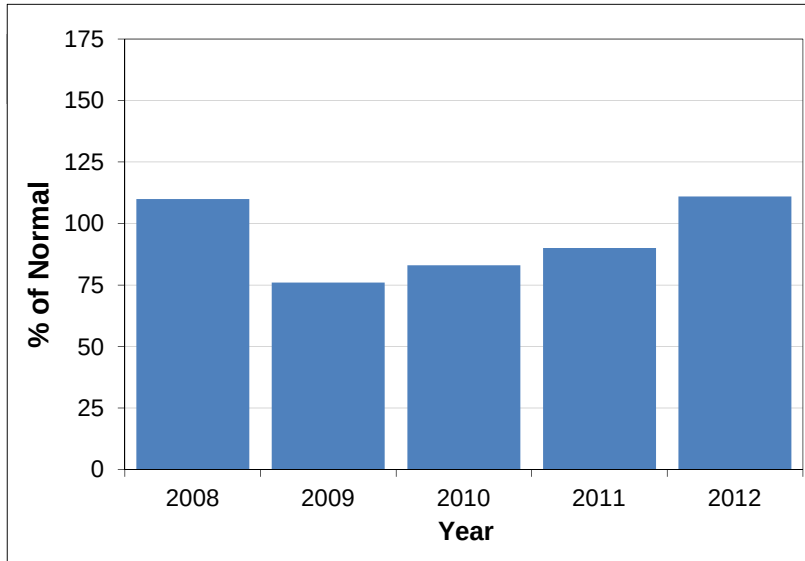
North Thompson



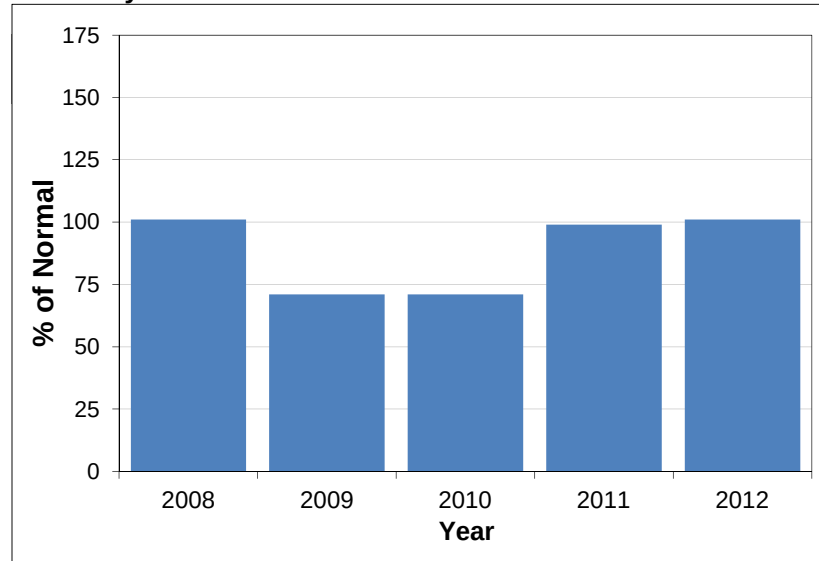
South Thompson



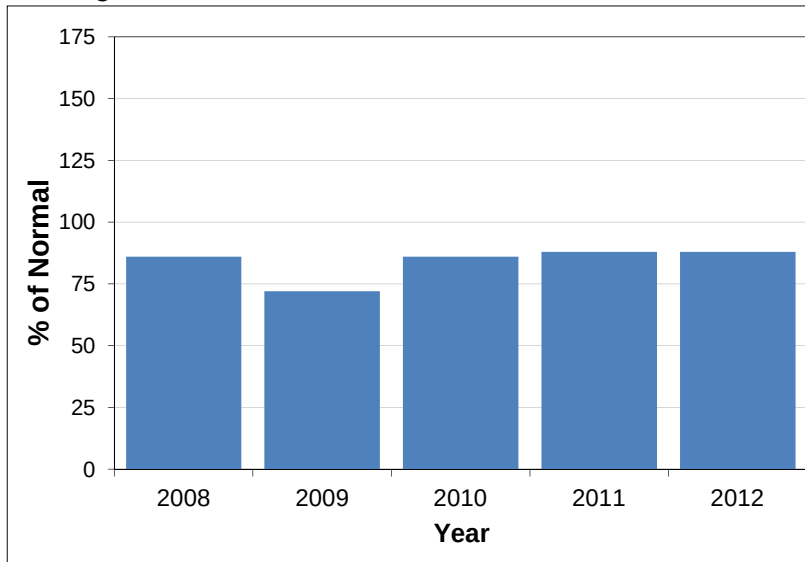
Columbia



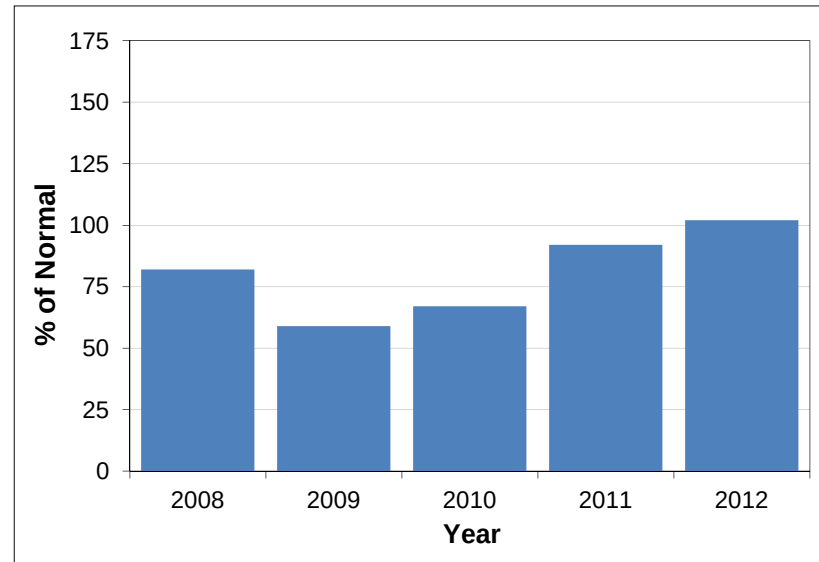
Kootenay



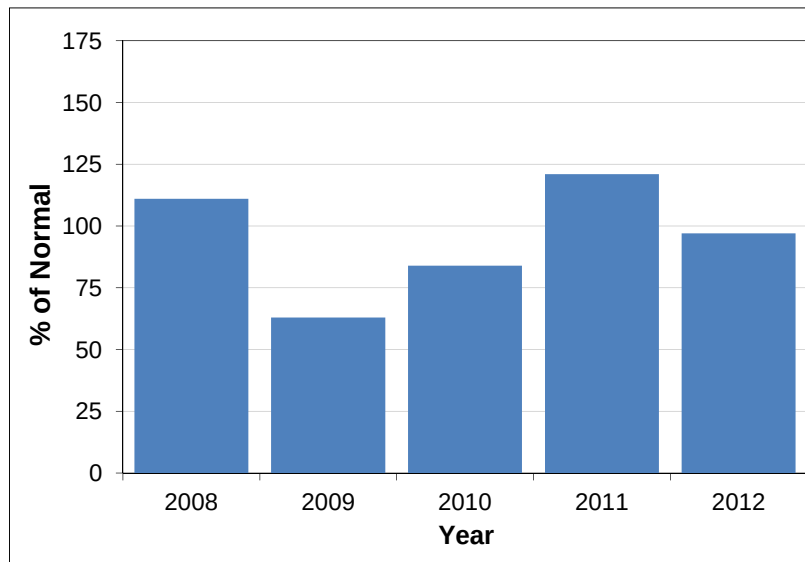
Okanagan-Kettle



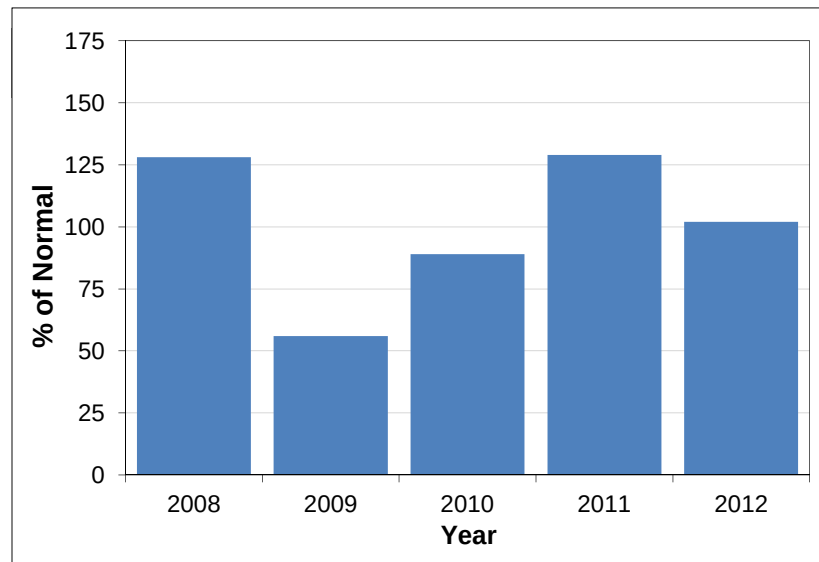
Similkameen



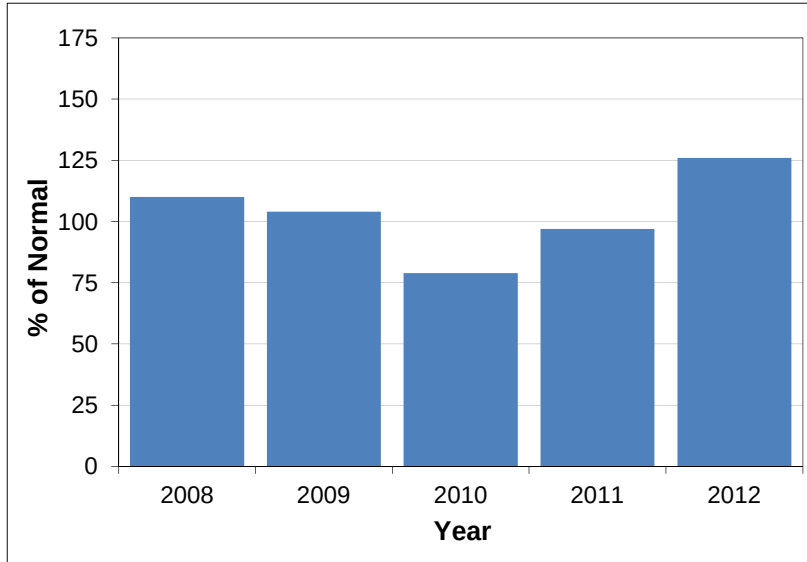
South Coast



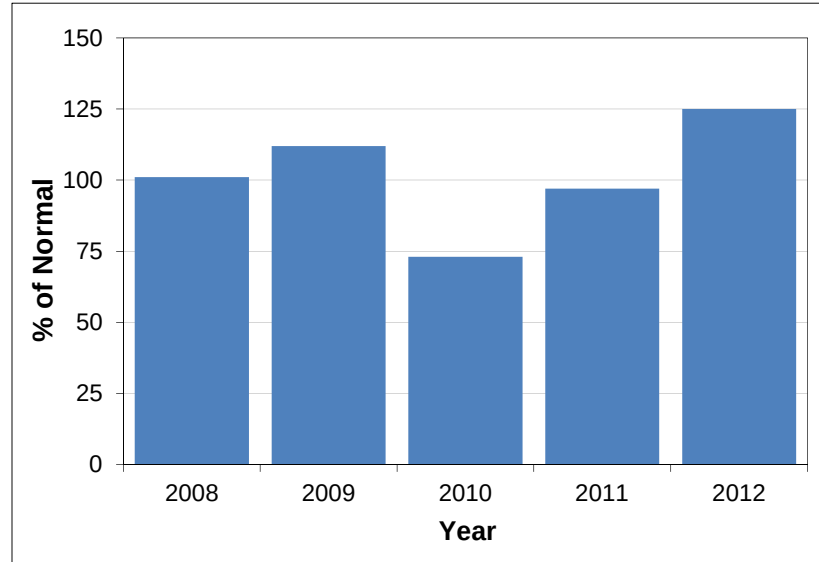
Vancouver Island



Peace



Skeena-Nass



Snow Survey and Water Supply Bulletin – April 1st, 2012

The April 1st snow survey is now complete. Data from 154 snow courses and 53 snow pillows around the province and climate data from Environment Canada have been used to form the basis for the following reports¹.

Weather

La Niña conditions in the Pacific Ocean were observed to weaken through March. Weather patterns through the month were consistent with typical patterns observed during La Niña events. Wetter than normal weather was observed across most of British Columbia, with very wet conditions in the Lower Fraser, Columbia and Kootenay regions. Temperatures across the province were 0.5 to 1.5 °C cooler than normal.

Snowpack

Combined cooler and wetter weather through March has led to significant growth of snow packs throughout the province. Snow packs are above normal throughout the province (Map 1). Very high snow packs (>135% of normal) are present in the Upper Fraser, Nechako, and Skeena-Nass basins, with record high April 1st snow basin index values in the Upper Fraser and Nechako, and the second highest snow basin index values for the Skeena-Nass (over approximately a 60 year record for each basin). High snow packs (>120% of normal) are present in the Lower Fraser, Columbia, Kootenay, South Coast, Vancouver Island and Peace regions. Snow packs in other areas of the province are slightly above normal. The snow basin index for the entire Fraser River basin is 131% of normal. This is the 5th highest April 1st snowpack observed since 1953, and is similar to levels observed in 2007.

BC Snow Basin Indices – April 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	152%	Kootenay	127%
Nechako	165%	Okanagan-Kettle	104%
Middle Fraser	112%	Similkameen	110%
Lower Fraser	125%	South Coast	121%
North Thompson	112%	Vancouver Island	124%
South Thompson	106%	Peace	129%
Columbia	125%	Skeena-Nass	138%

Outlook

By April 1st, about 95% of the annual BC snowpack has typically accumulated. For most areas, the transition from snow accumulation to snow melt generally occurs in the middle of April, and therefore the April 1st snow survey is considered to be the key survey of the year for assessing the impact of snow pack on seasonal water supply and flood risk.

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.

Snow Survey and Water Supply Bulletin – April 1st, 2012

With above normal snow packs through most of the province, above normal spring runoff volume is expected in most basins across the province. Conditions in the Okanagan-Kettle basin have improved since February with the current snow pack at near normal levels. Therefore near normal seasonal runoff is expected for the Okanagan basin.

Spring freshet flooding occurs as a result of rapid snow melt, or a combination of rapid snow melt and additional input from rainfall. Snow pack plays an important role in seasonal flood risk by providing a plentiful source of water available for melt and runoff. In years with elevated snow packs there is an increased likelihood of flooding. However, whether or not flooding occurs depends on the weather conditions during the snow melt season, and flooding cannot be forecast as a result of snow pack levels alone. The greatest risk for flooding results from above normal snow packs combined with well above normal temperatures and/or heavy rainfall during the snow melt season. Given the necessary adverse weather conditions, flooding can occur in years with or without high snowpack.

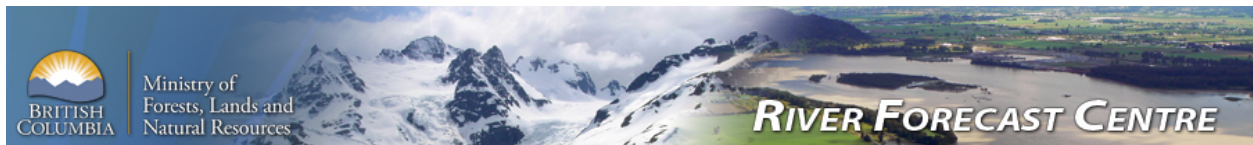
Snowmelt driven rivers in British Columbia generally reach their peak levels in May and June.

Above normal snow packs often leads to increased seasonal flood risk in many regions of the province. This year, snow packs are at levels of concern for increased flood risk in the Upper Fraser, Nechako, Columbia, Kootenay, Peace and Skeena-Nass basins. The record or near record snow packs in the Upper Fraser, Nechako, Skeena-Nass (including the Bulkley River) creates exceptional seasonal flood risk in these regions, subject to weather conditions during melt.

The current snow pack in the entire Fraser River basin is 131% of normal. The distribution of heavy snow packs within the Fraser Basin is concentrated primarily in the Upper Fraser, Nechako and Lower Fraser basin (eg. Lillooet/Harrison basin), with more moderate snow packs in the Thompson River system. Therefore, there is an elevated flood risk present through the entire length of the mainstem of the Fraser River from the Robson Valley to the Fraser Valley.

Peak flows on the South Coast and Vancouver Island regions are typically associated with major flood events during fall and winter rainfall storm events. Moderate spring flooding can occur in basins with a significant portion of the watershed at high elevation (e.g. Lillooet, Birkenhead), but spring snowmelt driven flows are typically of a smaller magnitude than fall/winter events.

La Niña conditions across the equatorial Pacific Ocean have been weakening and the Climate Prediction Centre with the U.S. National Weather Service (NOAA) is predicting the La Niña event to break down by late-April. NOAA suggests that atmospheric patterns are still indicative of La Niña conditions, and this is consistent with current seasonal weather



Snow Survey and Water Supply Bulletin – April 1st, 2012

forecasts from Environment Canada. The current 30-day deterministic temperature forecast from Environment Canada is for cooler than normal temperature across the province, except the far north and north-east. The current 3-month forecasts transition into warmer than normal temperatures through most of the province into the summer, and below normal precipitation over the same period.

Seasonal weather forecasts have some limitations with respect to assessing the potential influence on flood risk or seasonal water supply. This is partly because forecasts are for average weather over extended time periods. Flood conditions arise from extreme weather over shorter time periods, and adverse weather can arise even during periods of seasonally “normal” weather. The current seasonal weather forecast suggests two conditions which may exacerbate seasonal flood risk, especially given the high snow packs in many regions. The first is the forecast for cooler weather through April and into May. This has the potential to prolong the snow accumulation season (and lead to additional snow pack growth) and delay the on-set of the snow melt season (leading to more snow available for melt into the time of year when higher temperatures are expected). The second consideration is the forecast for a transition into warmer than normal temperatures into the late-spring and summer. A rapid transition from cooler to hotter weather during the snow melt season (May – June) is something to watch for because of its potential impact on flood generation.

The River Forecast Centre continues to monitor snow and weather conditions across the Province and when conditions warrant, provides advisories through media releases and on the River Forecast Centre website: <http://bcrfc.env.gov.bc.ca/>. The May 1st snow bulletin is expected to be released on May 8th, 2012.

Produced by: BC River Forecast Centre
April 11th, 2012

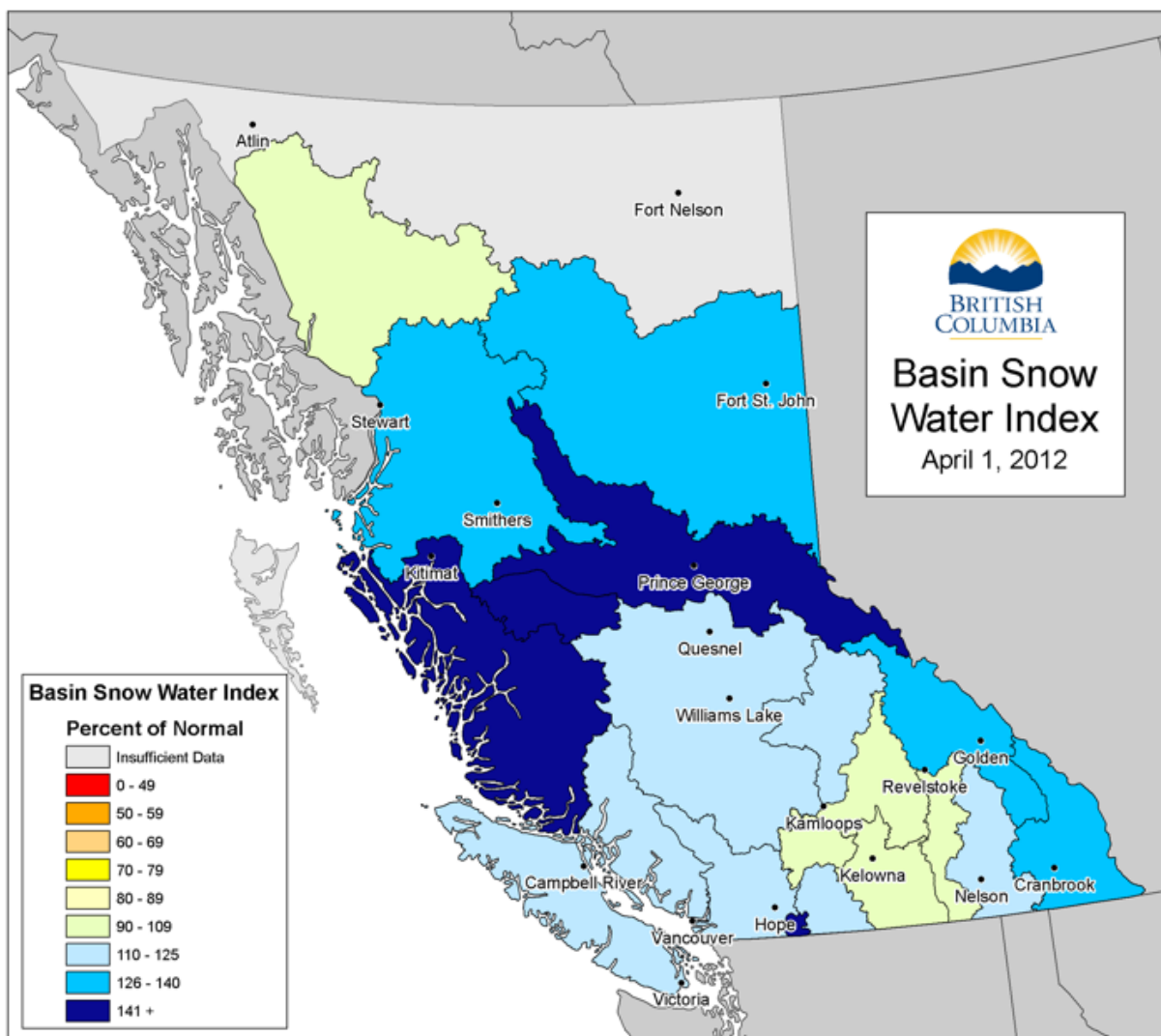


Ministry of
Forests, Lands and
Natural Resources

RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – April 1st, 2012

Map 1: Basin Snow Water Index-April 1st, 2012



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UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PRINCE GEORGE A	1A10	690	26-Mar	55	143	121	183	0	313	0	118	50
PACIFIC LAKE	1A11	770	26-Mar	270	1060	169	733	463	879	290	628	48
BURNS LAKE	1A16	800	28-Mar	61	162	126	132	52	264	0	129	40
CANOE RIVER	2A01A	910	27-Mar	62	192	196	142	0	262	0	98	71
PHILIP LAKE	4A13	980	27-Mar	110	357	124	302	191	449	176	287	45
HEDRICK LAKE	1A14	1100	26-Mar	259	1041	151	891	532	1046	351	688	44
HEDRICK LAKE	1A14P	1100	01-Apr	281	1287	158	957	704	1110	581	814*	12
BIRD CREEK	1A23	1180	30-Mar	62	132	92	182	100	270	84	143*	22
KAZA LAKE	1A12	1190	27-Mar	143	476	141	365	220	465	220	338	45
LU LAKE	4B15	1300	28-Mar	129	456	143	332	246	504	162	318	35
LU LAKE	4B15P	1310	01-Apr	118	383	141	330	236	484	150	271*	13
EQUITY MINE	4B14	1420	28-Mar	148	556	137	420	350	640	258	405	35
MOUNT SHEBA	4A18	1490	26-Mar	272	1181	143	1036	748	1294	495	825	42
BARKERVILLE	1A03P	1520	01-Apr	121	438	113	415	269	524	229	387	35
KNUDSEN LAKE	1A15	1580	26-Mar	290	1264	153	925	636	1255	506	826	44
MCBRIDE (UPPER)	1A02P	1620	01-Apr	199	681	149	480	415	690	297	456*	17
REVOLUTION CREEK	1A17P	1690	01-Apr	341	1292	162	818	642	1222	449	798	26
LONGWORTH (UPPER)	1A05	1740	26-Mar	270	1150	147		700	1234A	467	784	53
DOMM MOUNTAIN	1A19P	1820	01-Apr	273	1062	144	758	529	1061	503	736*	6
YELLOWHEAD	1A01P	1860	01-Apr	206	724	122	540	599	799	345	593	14

NECHAKO Drainage Basin

		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
SKINS LAKE	1B05	880	30-Mar	31	92	83	118	83	203	0	111	47
TAHTSA LAKE	1B02	1300	31-Mar	438	1972	167	1313	1214	1800A	775	1179	58
TAHTSA LAKE	1B02P	1300	01-Apr	N/A	1839	152	1279	1308	2228	860	1212	18
KIDPRICE LAKE	4B01	1370	31-Mar	328	1781	194	973	824	1601	622	919	56
MOUNT PONDOSY	1B08P	1400	01-Apr	N/A	1147	144	748	729	1133	566	798	20
MOUNT WELLS	1B01	1490	30-Mar	183	706	135	516	442	960	273	524	56
MOUNT WELLS	1B01P	1490	01-Apr	N/A	792	138	543	475	871	347	573	19
NUTLI LAKE	1B07	1490	30-Mar	203	834	159	498	486	798	301	524*	21
MOUNT SWANNELL	1B06	1620	30-Mar	99	273	94	329	238	490	148	290*	23

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PUNTZI MOUNTAIN	1C22	940	29-Mar	0	0	0	64	0	91	0	31	39
BROOKMERE	1C01	980	30-Mar	86	223	111	220	119	399	51	201	66
NAZKO	1C08	1070	04-Apr	31	73	120	117	22	142	0	61	49
BIG CREEK	1C21	1140	29-Mar	2	10	63	30	0	119	0	16	39
GRANITE MOUNTAIN	1C33A	1150	30-Mar	68	191	106	226	115	272	115	181	6
DUFFEY LAKE	1C28	1200	30-Mar	190	646	127	732	508	866	244	507	34
PAVILION	1C06	1230					64		147	0	40	51
BRIDGE GLACIER (LOWER)	1C39	1400	04-Apr	238	780	126	760	N	1086	240	602*	16
DEADMAN RIVER	1C32	1430	31-Mar	53	168	160	196	52	196	30	105	26
BRALORNE	1C14	1450	04-Apr	70	204	115	200	N	389	0	178	45
SHOVELNOSE MOUNTAIN	1C29	1450	30-Mar	109	337	130	298	184	442	70	260	28
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	164	556	90	591	503	844	420	615	18
LAC LE JEUNE (UPPER)	1C25	1460	30-Mar	64	170	126	174	150	228	43	135	39
BRENDA MINE	2F18	1460	29-Mar	97	295	93		236	531	159	318	41
BRENDA MINE	2F18P	1460	01-Apr	N/A	340	86	385	305	497	227	394	19
HIGHLAND VALLEY	1C09A	1510	05-Apr	54	140	146	130	110	249	3A	96	44
BARKERVILLE	1A03P	1520	01-Apr	121	438	113	415	269	524	229	387	35
HORSEFLY MOUNTAIN	1C13A	1550	30-Mar	139	502	108	576	404	716	282	464	41
GNAWED MOUNTAIN	1C19	1580	05-Apr	73	195	155	120	132	307	21	126	43
MOUNT TIMOTHY	1C17	1660	26-Mar	114	353	108	340	273	533	186	327	49
YANKS PEAK EAST	1C41P	1670	01-Apr	222	932	112	896	606	994	525	829	15
PENFOLD CREEK	1C23	1680	26-Mar	302	1173	117	1051	876	1285	641	1000	35
GREEN MOUNTAIN	1C12P	1780	01-Apr	N/A	1057	122	952		1408	469	896	17
MCGILLIVRAY PASS	1C05	1800	04-Apr	192	793	132	625	N	1118	322	602	58
MISSION RIDGE	1C18P	1850	01-Apr	N/A	709	123	530	503	1012	158	576	34
DOWNTON LAKE (UPPER)	1C38	1890	N	N	N	N	984	N	1416	422	900	16
TYAUGHTON CREEK (NORTH)	1C40	1950	04-Apr	165	550	127	514	N	844	264	432	16
BRALORNE(UPPER)	1C37	1980	N	N	N	N	746	N	1010	328	755	16

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALLO RIVER WEST	3D01C	790	04-Apr	130	461	194	288	N	434	0	238	18
BROOKMERE	1C01	980	30-Mar	86	223	111	220	119	399	51	201	66
DISAPPOINTMENT LAKE	1D18P	1040	01-Apr	N/A	2065E	137	2034	1158	4750	1158	1503*	9
CALLAGHAN CREEK	3A20	1040	28-Mar	290	1128	125	1280	866	1604	192	902	33
DICKSON LAKE	1D16	1070	N	N	N	N		N	2990A	412	1547	18
DOG MOUNTAIN	3A10	1080	29-Mar	356	1525	125	1559	758	2720A	51	1223	61
KLESILKWA	3D03A	1130	04-Apr	124	416	142	357	N	792	0	293	59
SPUZZUM CREEK	1D19P	1180	01-Apr	530	2294	152	1704	1429	2164	495	1513*	12
DUFFEY LAKE	1C28	1200	30-Mar	190	646	127	732	508	866	244	507	34
STAVE LAKE	1D08	1210	04-Apr	511	1985	128	2083	N	2750A	446	1554	41
WAHLEACH LAKE	1D09	1400	N	N	N	N	724	N	1270	125	659	41
WAHLEACH LAKE	1D09P	1400	01-Apr	N/A	924	80	991	866	1487	634	1154	18
NAHATLATCH RIVER	1D10	1520	N	N	N	N	2000	N	2410A	523	1417	41
CHILLIWACK RIVER	1D17P	1600	01-Apr	521	2348E	168	1849	1346	1894	739	1395*	17
TENQUILLE LAKE	1D06P	1680	01-Apr	393	1316	126	1354	1252	1587	675	1045*	11

NORTH THOMPSON Drainage Basin

		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
BLUE RIVER	1E01B	670	26-Mar	120	382	138	368	192	425	154	276	29
KNOUFF LAKE	1E05	1200	31-Mar	52	176	122	109	80	274	58	144	54
BOSS MOUNTAIN MINE	1C20P	1460	01-Apr	164	556	90	591	503	844	420	615	18
MOUNT COOK	1E02P	1550	01-Apr	438	1436E	121	1206E	1170	1463	939	1182*	10
AZURE RIVER	1E08P	1620	01-Apr	295	1371	119	1135	1133	1511	716	1155	15
ADAMS RIVER	1E07	1720	25-Mar	220	815	115		685	1069	435	707	41
KOSTAL LAKE	1E10P	1770	01-Apr	288	985	112	900	721	1165	618	878	26
TROPHY MOUNTAIN	1E03A	1860	25-Mar	191	668	123		477	888	332	545	35

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ANGLEMONT	1F02	1190	06-Apr	88	324	92	400	205	561	142	353	54
ABERDEEN LAKE	1F01A	1310	02-Apr	59	153	107			259	6	143	69
MONASHEE PASS	2E01	1370	06-Apr	120	375	109	365	219	517	188	343	57
BOULEAU LAKE	2F21	1400	31-Mar	88	246	69	264	262	564	192	354	37
CELISTA	1F06P	1500	01-Apr	276	995	114	894	870	1118	728	871*	6
ADAMS RIVER	1E07	1720	25-Mar	220	815	115		685	1069	435	707	41
KIRBYVILLE LAKE	2A25	1750	26-Mar	334	1360	114	1234	1160	1816	701	1189	38
SILVER STAR MOUNTAIN	2F10	1840	31-Mar	204	740	97	794	675	1115	414	760	53
PARK MOUNTAIN	1F03P	1890	01-Apr	233	802	93	907	747	1207	560	867	27
ENDERBY	1F04	1900	06-Apr	290	1115	109	1501A	926	1501A	610	1019	46

UPPER COLUMBIA Drainage Basin

		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
Snow Course Name and Number												
CANOE RIVER	2A01A	910	27-Mar	62	192	196	142	0	262	0	98	71
DOWNIE SLIDE (LOWER)	2A27	980	26-Mar	221	858	126	838	492	1062	448	680	33
GLACIER	2A02	1250	31-Mar	247	976	134	771	479	1161	371B	730	73
FIELD	2A03A	1280	29-Mar	52	151	99	236		251	8	153	68
VERMONT CREEK	2A19	1520	02-Apr	178	603	135	568	338	843	190	446	43
AZURE RIVER	1E08P	1620	01-Apr	295	1371	119	1135	1133	1511	716	1155	15
DOWNIE SLIDE (UPPER)	2A29	1630	26-Mar	377	1570	117	1278	1392	2360A	858	1347	33
KICKING HORSE	2A07	1650	31-Mar	133	381	110	318		589	185	346	60
KIRBYVILLE LAKE	2A25	1750	26-Mar	334	1360	114	1234	1160	1816	701	1189	38
MOUNT REVELSTOKE	2A06P	1830	01-Apr	N/A	1439E	117	1263E	960	1686	709	1230	18
FIDELITY MOUNTAIN	2A17	1870	29-Mar	400	1740	139	1250	1046	1951	730	1248	47
BEAVERFOOT	2A11	1890	02-Apr	107	284	128	258	146	460	105	222	48
KEYSTONE CREEK	2A18	1890	26-Mar	270	1037	125	901	826	1388	485	827	42
GOLDSTREAM	2A16	1920	26-Mar	339	1410	122	1230	1023	1638A	785	1157	44
BUSH RIVER	2A23	1920	N	N	N	N	782	816	1331	455	865	42
MOUNT ABBOT	2A14	1980	28-Mar	403	1623	129	1216	1042	1849	698	1256	48
MOLSON CREEK	2A21P	1980	01-Apr	N/A	1384	136	923	1005	1552	651	1014	29
SUNBEAM LAKE	2A22	2010	26-Mar	308	1216	133	1021	886	1384	590	917	42

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880	29-Mar	168	620	106	716	453	881	142	587	68
FARRON	2B02A	1220	03-Apr	107	311	94	356	243	480	162	330	39
MONASHEE PASS	2E01	1370	06-Apr	120	375	109	365	219	517	188	343	57
WHATSHAN (UPPER)	2B05	1480	06-Apr	196	686	103	710	484	964	350	668	48
BARNES CREEK	2B06	1620	06-Apr	166	550	106	527	345	768	299	518	50
BARNES CREEK	2B06P	1620	01-Apr	N/A	566	104	596	401	773	326	546	19
ST. LEON CREEK	2B08	1800	06-Apr	386	1442	115	N	961	1831	818	1253	37
ST. LEON CREEK	2B08P	1800	01-Apr	N/A	1215	107	1268	833	1553	585	1133	18
KOCH CREEK	2B07	1860	06-Apr	252	825	109	768	705	1156	397	755	47
RECORD MOUNTAIN	2B09	1890	05-Apr	267	805	107	790	604	1307	315	752	34
EAST CREEK	2D08P	2030	01-Apr	N/A	1009	109	949	728	1245	450	922	30

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	01-Apr	100	372	111	371	137	605	123	335	59
SINCLAIR PASS	2C01	1370	02-Apr	61	184	136	130	41	262A	36	135	72
SULLIVAN MINE	2C04	1550	28-Mar	139	372	119	318	134	538	134	313	66
VERMILION RIVER NO.3	2C20	1612							401	175	286*	16
KIMBERLEY (MIDDLE) VOR	2C12	1680	02-Apr	146	448	161	368	118A	462	116	279	42
MOUNT JOFFRE	2C16	1750	02-Apr	188	533	137	N	246	711	179	388	38
MORRISSEY RIDGE	2C09Q	1800	01-Apr	N/A	833	112	803	506	1224	363	744	27
MOYIE MOUNTAIN	2C10P	1930	01-Apr	156	625	156	520E	296	679	216	401	31
THUNDER CREEK	2C17	2010	02-Apr	165	452	157	335	228	475	140A	287	38
FLOE LAKE	2C14	2090	02-Apr	288	1027	130	918	658	1242	411	791	38
FLOE LAKE	2C14P	2090	01-Apr	N/A	994	137	821	600	1001	360	724	17
KIMBERLEY (UPPER) VOR	2C11	2140	05-Apr	213	582	125	534	339	798	197	467	42
MOUNT ASSINIBOINE	2C15	2230	N	N	N	N	610	473	816	252	551	39

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DUNCAN LAKE NO. 2	2D07A	650	01-Apr	36	132	150	195	0	223	0	88*	21
FERGUSON	2D02	880	29-Mar	168	620	106	716	453	881	142	587	68
NELSON	2D04	930	29-Mar	118	393	106	352	149	622	137	372	73
SANDON	2D03	1070							585	71	357	68
CHAR CREEK	2D06	1310	01-Apr	196A	620A	110	545		940	273	563	45
GRAY CREEK (LOWER)	2D05	1550	02-Apr	206	645	137	662	336	688	290	472	61
KOCH CREEK	2B07	1860	06-Apr	252	825	109	768	705	1156	397	755	47
MOUNT TEMPLEMAN	2D09	1860	N	N	N	N	N	N	1608	688	1076	34
GRAY CREEK (UPPER)	2D10	1910	02-Apr	310	1048	134	956	586	1123	492	783	40
EAST CREEK	2D08P	2030	01-Apr	N/A	1009	109	949	728	1245	450	922	30
REDFISH CREEK	2D14P	2104	01-Apr	480	1755	145	1395	1121	1508	814	1209*	10

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	03-Apr	107	311	94	356	243	480	162	330	39
CARMI	2E02	1250	30-Mar	47	134	94	132	64	290	14	142	49
MONASHEE PASS	2E01	1370	06-Apr	120	375	109	365	219	517	188	343	57
BIG WHITE MOUNTAIN	2E03	1680	31-Mar	153	478	94	508	434	762	332	507	46
GRANO CREEK	2E07P	1860	01-Apr	174	549	106	572	416	773	334	520*	14
BLUEJOINT MOUNTAIN	2E06	2040	06-Apr	214	692	93	796	679	1175	329	742	29

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMMERLAND RESERVOIR	2F02	1280	01-Apr	86	239	106	305	167	389	96	226	70
MC CULLOCH	2F03	1280	03-Apr	66	189	122	204	84	249	38	155	73
ABERDEEN LAKE	1F01A	1310	02-Apr	59	153	107			259	6	143	69
OYAMA LAKE	2F19	1340	30-Mar	72	174	102	163	120	255	61	170	39
POSTILL LAKE	2F07	1370	29-Mar	88	241	108	203	156	348	109	224	61
VASEUX CREEK	2F20	1400	04-Apr	50	118	75	154	N	239	40	157	40
BOULEAU LAKE	2F21	1400	31-Mar	88	246	69	264	262	564	192	354	37
TROUT CREEK	2F01	1430	30-Mar	90	248	136			396	52	182	66
TROUT CREEK (WEST)	2F01A	1430	30-Mar	88	272	100	271				*271	1
ESPERON CR (MIDDLE)	2F14	1430	30-Mar	100	296	80	322	242	607	196	372	41
BRENDA MINE	2F18	1460	29-Mar	97	295	93		236	531	159	318	41
BRENDA MINE	2F18P	1460	01-Apr	N/A	340	86	385	305	497	227	394	19
ISLAHT LAKE	2F24	1480	02-Apr	110	227	65	292	269	501	165A	349	29
GREYBACK RESERVOIR	2F08	1550	04-Apr	106	298	128	280	228	351	114	233	58
ESPERON CR (UPPER)	2F13	1650	30-Mar	127	384	88	376	300	805	244	435	40
ISINTOK LAKE	2F11	1680	30-Mar	77	200	109	169		340	66	183	44
MACDONALD LAKE	2F23	1740	29-Mar	124	380	82		N	677	257	463	32
MISSION CREEK	2F05P	1780	01-Apr	178	549	116	508E	412	728	278	472	39
GRAYSTOKE LAKE	2F04	1810	03-Apr	139	430	106	330		828	196	405	39
MOUNT KOBAL	2F12	1810	31-Mar	117	312	98	405	344	602	105	318	46
WHITEROCKS MOUNTAIN	2F09	1830	30-Mar	164	563	96	550	494	1021	318	586	58
SILVER STAR MOUNTAIN	2F10	1840	31-Mar	204	740	97	794	675	1115	414	760	53

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	30-Mar	86	223	111	220	119	399	51	201	66
LIGHTNING LAKE	3D02	1220	27-Mar	142	445	146	345	219	622	60	305	61
HAMILTON HILL	2G06	1490	27-Mar	112	367	103	294	159	851	83	356	52
MISSEZULA MOUNTAIN	2G05	1550	25-Mar	84	246	102	234	130	361	90	242	47
ISINTOK LAKE	2F11	1680	30-Mar	77	200	109	169		340	66	183	44
LOST HORSE MOUNTAIN	2G04	1920	25-Mar	84	243	100	292	191	533	138	243	48
BLACKWALL PEAK	2G03P	1940	01-Apr	306	1135	136	944	686	1494	400	833	44

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PALISADE LAKE	3A09	880	N	N	N	N			3560A	285	1440	54
PALISADE LAKE	3A09P	880	01-Apr	N/A	N/A	N/A	1636	425	1641	331	936*	9
POWELL RIVER (LOWER)	3A05	910					1257		1554	85	743	31
POWELL RIVER (UPPER)	3A02	1040					1610		1813	511	1046	30
CALLAGHAN CREEK	3A20	1040	28-Mar	290	1128	125	1280	866	1604	192	902	33
DOG MOUNTAIN	3A10	1080	29-Mar	356	1525	125	1559	758	2720A	51	1223	61
GROUSE MOUNTAIN	3A01	1100	29-Mar	388	1590	132	1640	908	2670A	44	1203	70
ORCHID LAKE	3A19	1190	N	N	N	N	2650		3770A	748	1905	33
ORCHID LAKE	3A19P	1190	01-Apr	N/A	2205	127	2230	1526	3819	717	1736*	13
UPPER SQUAMISH RIVER	3A25P	1340	01-Apr	520	1973	122	2400E	1572	2089	821	1620	19
NOSTETUKO RIVER	3A22P	1500	01-Apr	117	829	136	873	604	1043	236	608*	20
UPPER MOSELY CREEK	3A24P	1650	01-Apr	98	331	113	364	335	567	135	292*	23

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ELK RIVER	3B04	270	05-Apr	0	0	0	0	0	607	0	89	47
WOLF RIVER (LOWER)	3B19	640					846	282	1198	0	381	39
UPPER THELWOOD LAKE	3B10	980	05-Apr	570	2158	139	2287	1410	3200A	354	1554	51
WOLF RIVER (MIDDLE)	3B18	1070	05-Apr	175	650	98	1062	752	1706	0	664	39
FORBIDDEN PLATEAU	3B01	1130	05-Apr	586	2188	137	2565	1756	3550A	387	1595	57
JUMP CREEK	3B23P	1160	01-Apr	459	1708	141	1873	954	1916	401	1208	14
MOUNT COKELY	3B02A	1250	N	N	N	N	1378		2100	331	864	30
WOLF RIVER (UPPER)	3B17P	1490	01-Apr	N/A	1564E	110	2057	1797E	2057	323	1420	22

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
WEDEENE RIVER SOUTH	3C07	300	28-Mar	236	981	304	604		900A	36	323	25
TAHTSA LAKE	1B02	1300	31-Mar	438	1972	167	1313	1214	1800A	775	1179	58
TAHTSA LAKE	1B02P	1300	01-Apr	N/A	1839	152	1279	1308	2228	860	1212	18
BURNT BRIDGE CREEK	3C08P	1330	01-Apr	312	1390	174	785	661	1380	420	801*	13

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALLO RIVER WEST	3D01C	790	04-Apr	130	461	194	288	N	434	0	238	18
KLESILKWA	3D03A	1130	04-Apr	124	416	142	357	N	792	0	293	59
LIGHTNING LAKE	3D02	1220	27-Mar	142	445	146	345	219	622	60	305	61

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT ST. JOHN A	4A25	690	29-Mar	29	70	69	103		226	0	102	37
PACIFIC LAKE	1A11	770	26-Mar	270	1060	169	733	463	879	290	628	48
WARE (LOWER)	4A04	980	28-Mar	84	215	114	164	166	316	118	188	39
PHILIP LAKE	4A13	980	27-Mar	110	357	124	302	191	449	176	287	45
AIKEN LAKE	4A30P	1040	01-Apr	N/A	328	127	263	203	371	199	258	24
TUTIZZI LAKE	4A06	1070	27-Mar	122	349	137	294	169	406	166	255	47
TSAYDAYCHI LAKE	4A12	1160	27-Mar	162	575	146	435	314	639	277	394	45
KAZA LAKE	1A12	1190	27-Mar	143	476	141	365	220	465	220	338	45
PULPIT LAKE	4A09	1310	28-Mar	156	516	128	410	388	618	297	402	47
PULPIT LAKE	4A09P	1310	01-Apr	N/A	527	128	445	375	608	344	411	21
FREDRICKSON LAKE	4A10	1310	27-Mar	96	259	106	200	192	351	163	245	47
PINE PASS	4A02P	1400	01-Apr	N/A	1487	135	878	875	1530	371	1101	20
TRYGVE LAKE	4A11	1400	27-Mar	141	452	126	344	348	511	257	359	47
SIKANNI LAKE	4C01	1400	28-Mar	107	294	110	252	217	380	194	268	46
PINE PASS	4A02	1400	28-Mar	395	1731A	151	1116	1014	1653	668	1150	49
MORFEE MOUNTAIN	4A16	1450	26-Mar	237	1003	117	934	604	1158	555	854	44
LADY LAURIER LAKE	4A07	1460	28-Mar	194	694	138	523	501	854	384	503	45
MOUNT SHEBA	4A18	1490	26-Mar	272	1181	143	1036	748	1294	495	825	42
GERMANSEN (UPPER)	4A05	1500	27-Mar	145	488	139	391	316	523	261	352	44
MOUNT STEARNS	4A21	1500	28-Mar	60	110A	74	151	138	239	59	148	34
JOHANSON LAKE	4B02	1540	27-Mar	117A	341	117	278	254	417	173	291	47
MONKMAN CREEK	4A20	1550	26-Mar	198	796	134	N	512	1067	313	593	31
WARE (UPPER)	4A03	1570	28-Mar	100	235	93	255	214	390	157	254	40
KWADACHA RIVER	4A27P	1620	01-Apr	N/A	330E	99	272	266	446	240	332*	27

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FORT NELSON A	4C05	380	30-Mar	30	58	61	81		198	23	95	45
DEASE LAKE	4C03	820					113		259	50A	136	46
JADE CITY	4C15	940	28-Mar	94	254	107	236	176	340	162	237*	10
SUMMIT LAKE	4C02	1280	02-Apr	43	54	47	204	95	240	0	114	43
SIKANNI LAKE	4C01	1400	28-Mar	107	294	110	252	217	380	194	268	46

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TERRACE A	4B13A	180	28-Mar	81	309	351	171	0	333	0	88*	32
BEAR PASS	4B11A	460	29-Mar	221	771	109	550	330	1013	330	706	27
NINGUNSAW PASS	4B10	690	29-Mar	154	554	126	248	266	730A	231	438	37
GRANDUC MINE	4B12P	790	01-Apr	N/A	1800	104			1909	1609	1728*	6
CEDAR-KITEEN	4B18P	885	01-Apr	N/A	1042	148	625	346	1114	346	704*	11
McKENDRICK CREEK	4B07	1050	26-Mar	118	362	122	322	213	427	183	297	43
TACHEK CREEK	4B06	1140	02-Apr	102	328	141	272	168	362	112	232	43
KAZA LAKE	1A12	1190	27-Mar	143	476	141	365	220	465	220	338	45
LU LAKE	4B15	1300	28-Mar	129	456	143	332	246	504	162	318	35
LU LAKE	4B15P	1310	01-Apr	118	383	141	330	236	484	150	271*	13
TSAI CREEK	4B17P	1360	01-Apr	320	1754	149	1349	1144	1827	915	1179*	13
KIDPRICE LAKE	4B01	1370	31-Mar	328	1781	194	973	824	1601	622	919	56
TRYGVE LAKE	4A11	1400	27-Mar	141	452	126	344	348	511	257	359	47
EQUITY MINE	4B14	1420	28-Mar	148	556	137	420	350	640	258	405	35
CHAPMAN LAKE	4B04	1460	26-Mar	176	672	142	560	410	762	315	474	46
HUDSON BAY MTN.	4B03A	1480	26-Mar	181	651	124	550	440	846	356	524	40
MOUNT CRONIN	4B08	1480	26-Mar	202	743	121	716	510	1097	433	612	43
SHEDIN CREEK	4B16P	1480	01-Apr	263	1096	123	849	660	1050	660	893*	15
JOHANSON LAKE	4B02	1540	27-Mar	117	341	117	278	254	417	173	291	47

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TELEGRAPH CREEK 4D01	580					94	74	343	37	156	36
NINGUNSAW PASS 4B10	690	29-Mar	154	554	126	248	266	730A	231	438	37
DEASE LAKE 4C03	820	03-Apr	45	67	49	113		259	50A	136	46
ISKUT 4D02	1000	29-Mar	52	106	99	126	60	180A	0	107	37

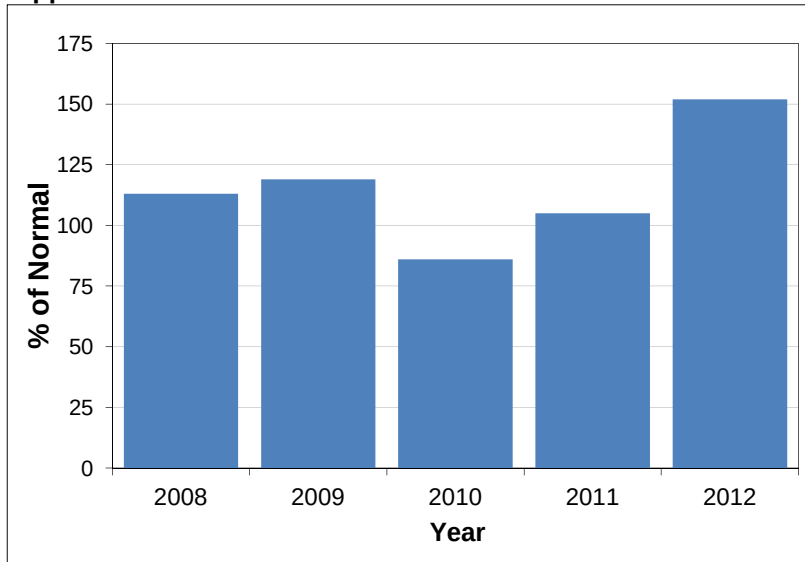
YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Apr 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE 4E02A	730	31-Mar	48	112	91	74	116	267	50	123*	28
LOG CABIN 4E01	880						428	596	213	372	50

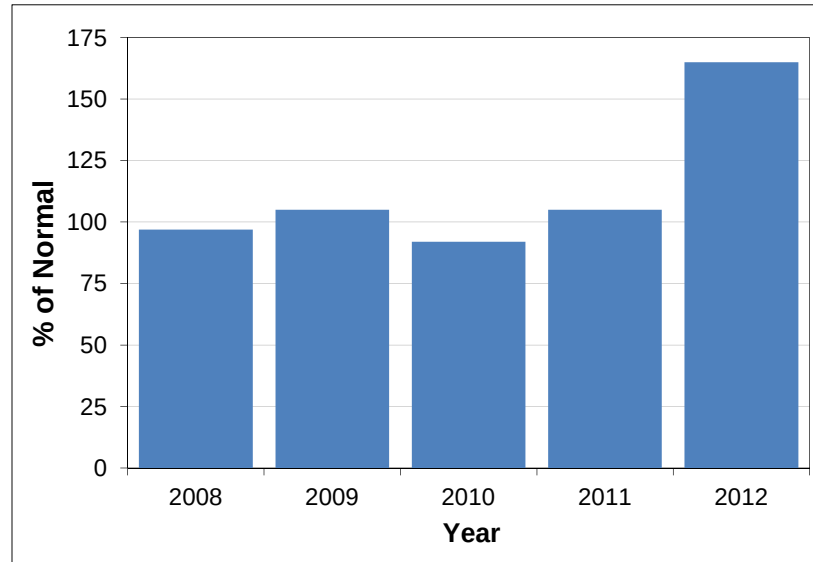
A - SAMPLING PROBLEMS WERE ENCOUNTERED
 B - EARLY OR LATE SAMPLING
 C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED
 E - ESTIMATED BASED ON AREAL AVERAGE
 N- SCHEDULED, BUT NOT MEASURED
 * - PERIOD OF RECORD AVERAGE
 N/A - NOT AVAILABLE
 NOTE: 1971-2000 NORMALS BEING USED

Snow Basin Index Graphs - April 1, 2012

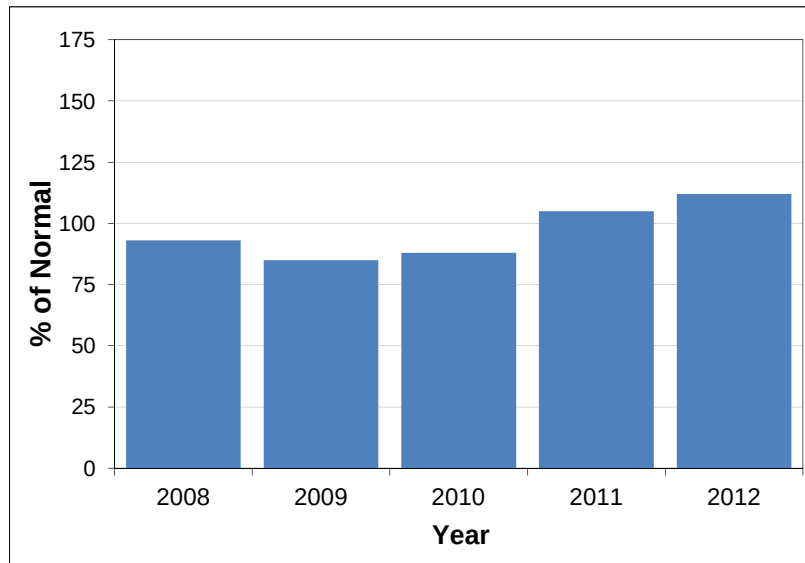
Upper Fraser



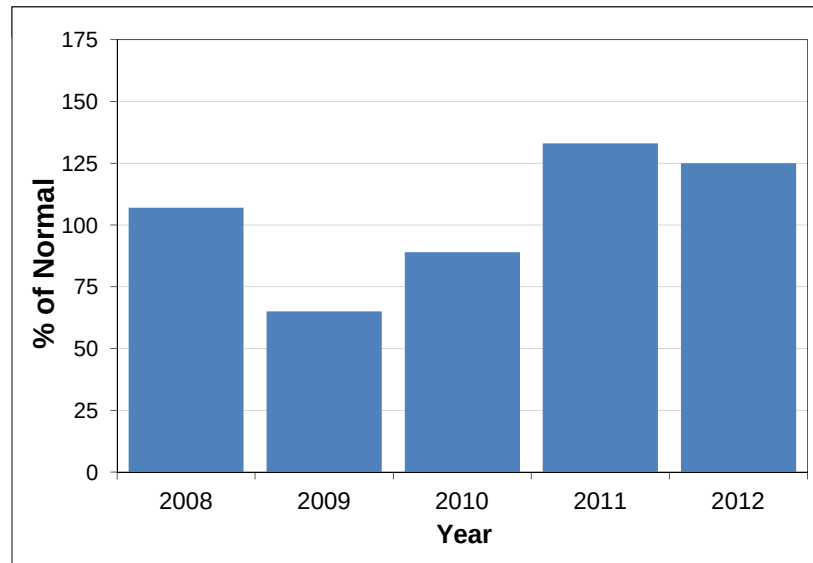
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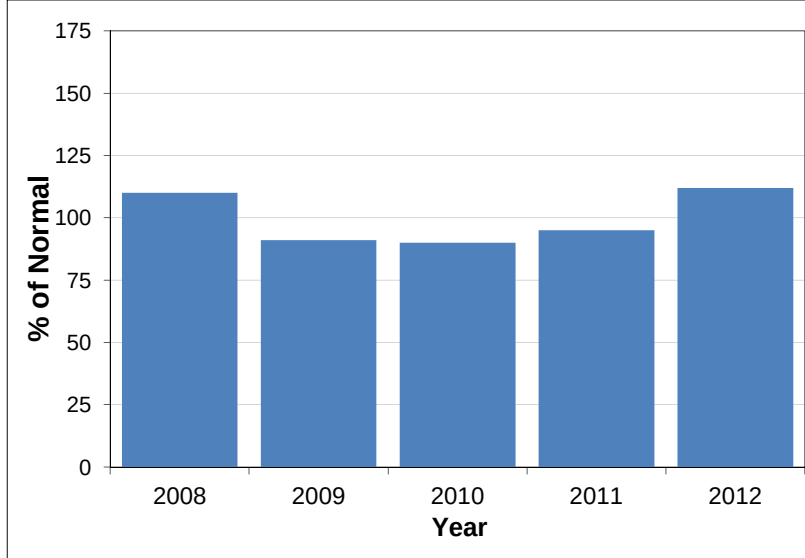
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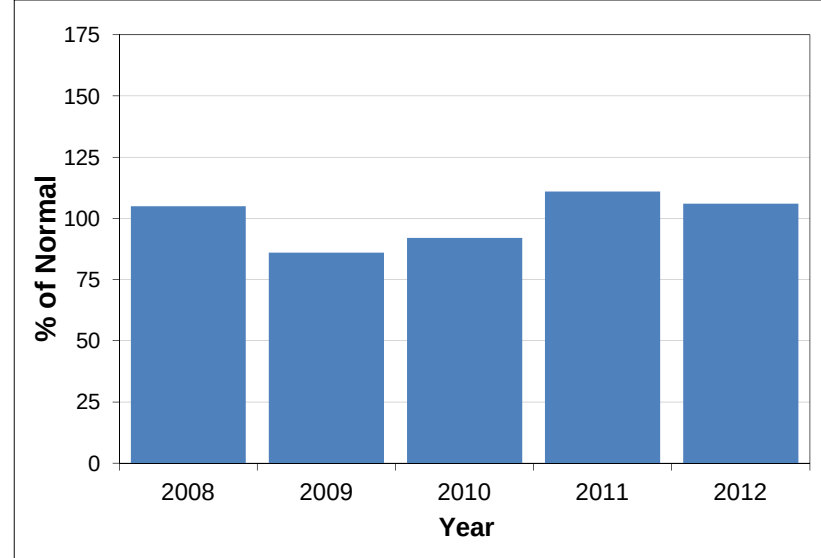
Lower Fraser



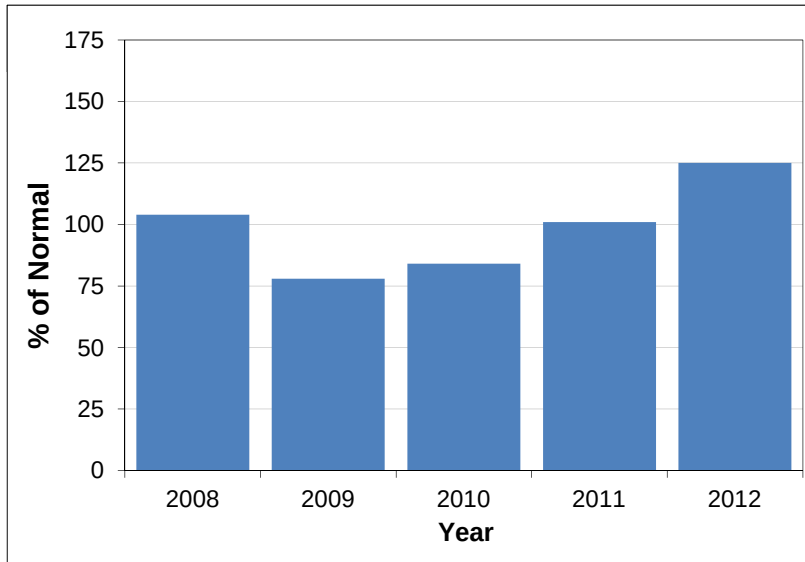
North Thompson



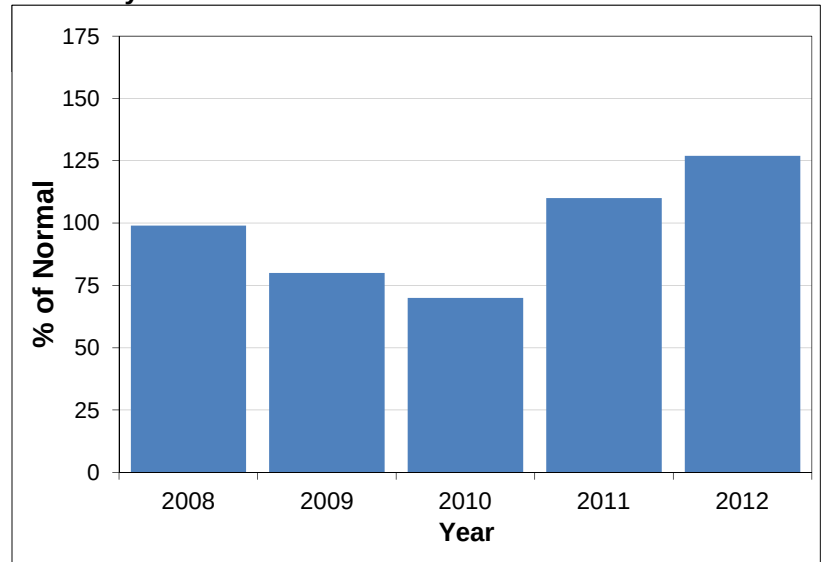
South Thompson



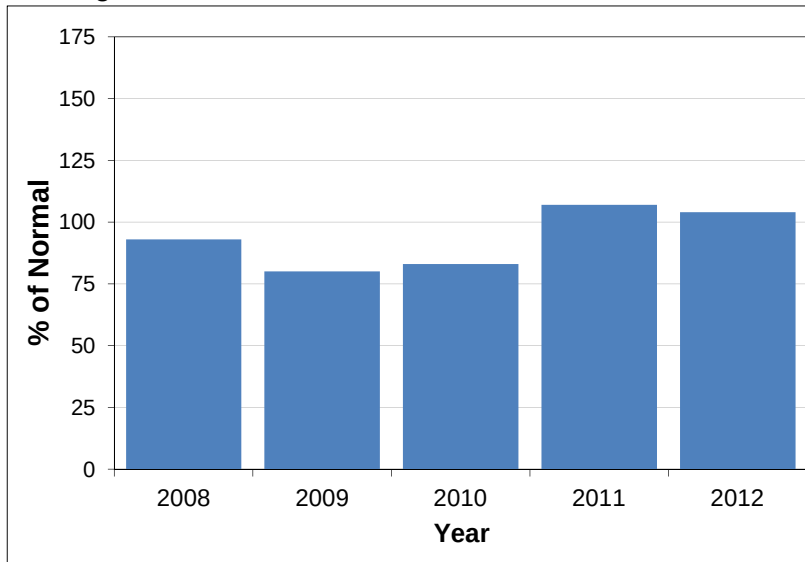
Columbia



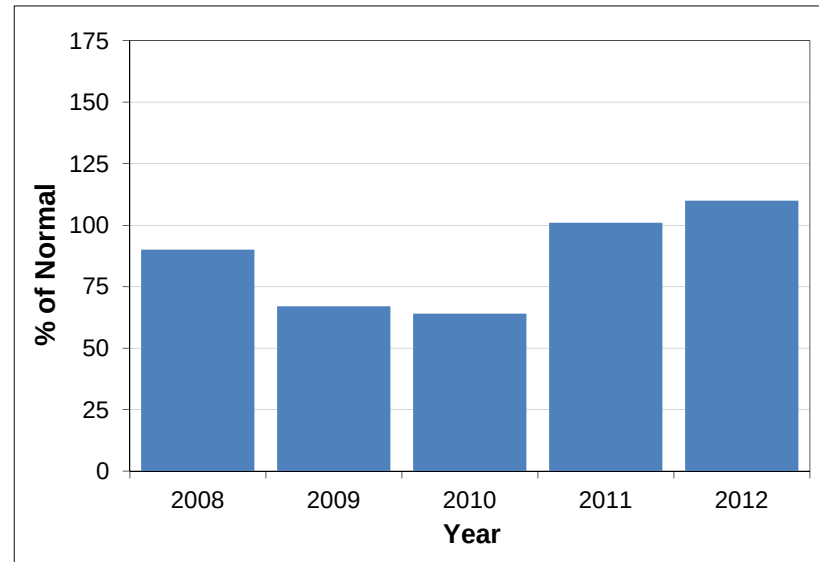
Kootenay



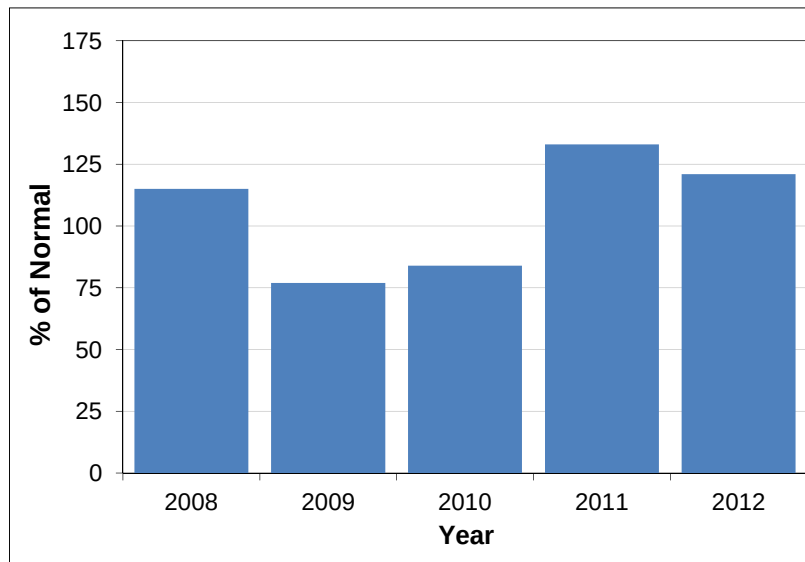
Okanagan-Kettle



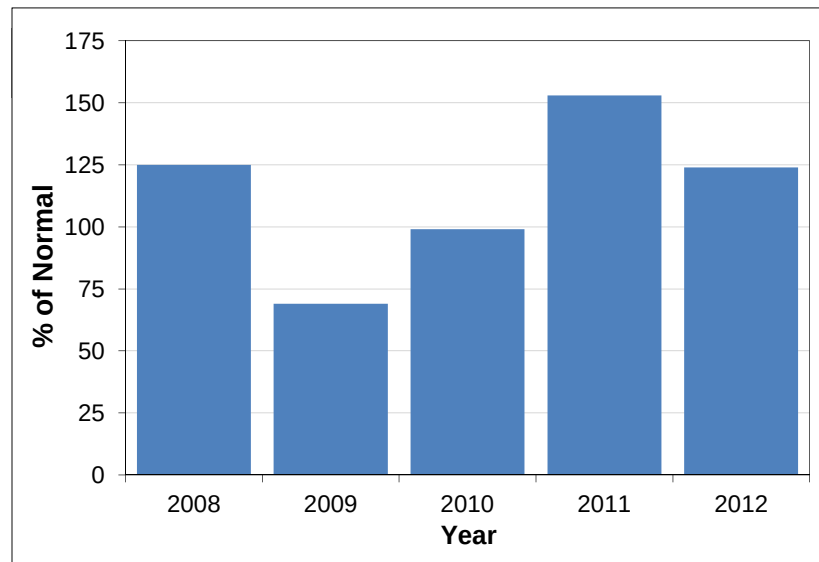
Similkameen



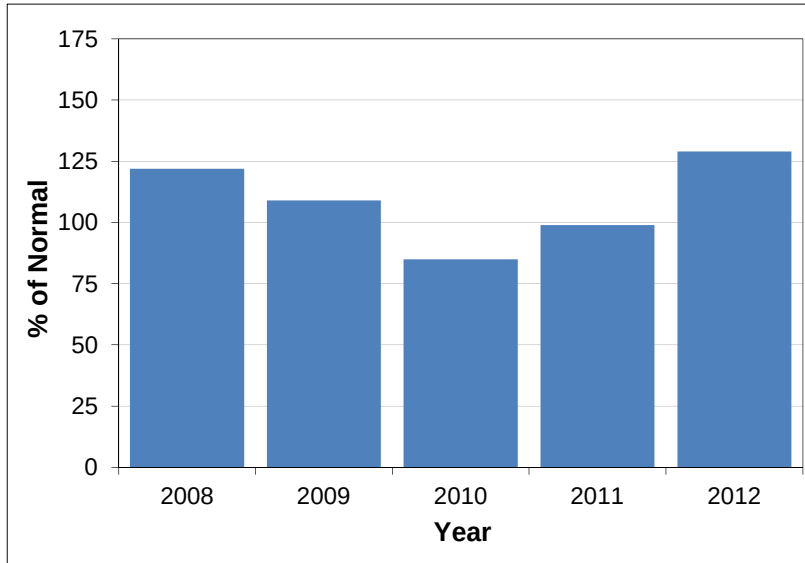
South Coast



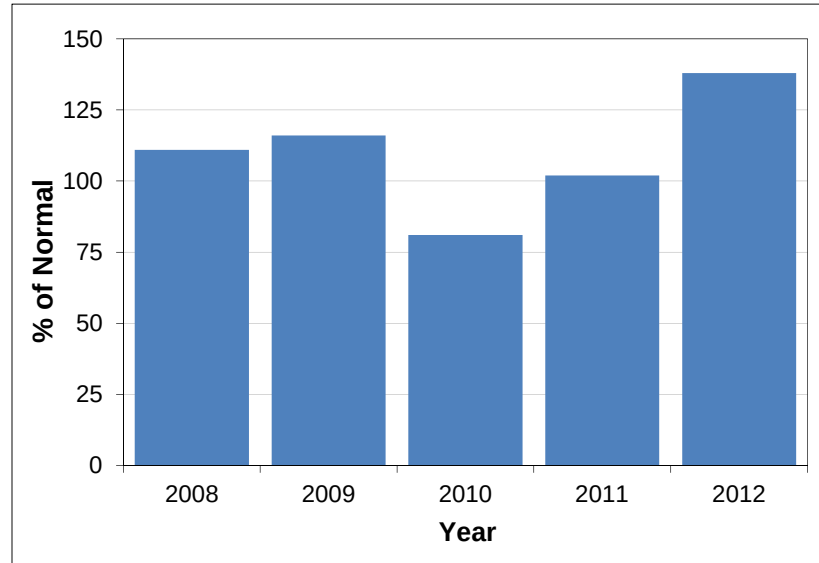
Vancouver Island



Peace



Skeena-Nass



Snow Survey and Water Supply Bulletin – May 1st, 2012

The May 1st snow survey is now complete. Data from 132 snow courses and 53 snow pillows around the province and climate data from Environment Canada have been used to form the basis for the following reports¹.

Weather

La Niña conditions in the Pacific Ocean were observed weaken through April, and have returned to neutral conditions. Weather patterns through the month were variable. In general weather was wetter than normal, with near normal temperatures, throughout the province. A hot spell in the 3rd week in April hit the Okanagan and Southern Interior, with daily maximum temperatures over a 4 day period that were 5 to 10°C warmer than the monthly average. This hot spell was followed by a significant rainfall event through the same region and this weather combination led to some localized river issues in the South Interior. The last week in April returned to cooler and more unsettled weather.

Snowpack

The weather through April has led to a similar snowpack outlook for May 1st as for last month (Map 1). There has been a delay (~1-2 week) in the onset of melt at upper elevations, with continued accumulation being observed at most sites through the end of April. The warm weather near the end of April led to rapid snow melt at the low to mid elevations through the South Interior, and most major valley bottoms in the province are now snow free.

Significant snow packs are present across the province, with above average to well above average snow basin indices in all regions except the Okanagan and Nicola basins. Very high snowpacks (>135% of normal) are still present in the Upper Fraser, Nechako and Skeena-Nass basins. High snow packs (>120% of normal) are present in the Lower Fraser, Columbia, Kootenay, Vancouver Island and Peace basins. In other regions of the province snow pack is slightly above normal. The May 1st snow basin index for the entire Fraser River basin (i.e. upstream of the Fraser Valley) is 129% of normal.

BC Snow Basin Indices – May 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	152%	Kootenay	129%
Nechako	148%	Okanagan-Kettle	101%
Middle Fraser	114%	Similkameen	110%
Lower Fraser	126%	South Coast	118%
North Thompson	115%	Vancouver Island	126%
South Thompson	104%	Peace	131%
Columbia	123%	Skeena-Nass	138%

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.

Snow Survey and Water Supply Bulletin – May 1st, 2012

Outlook

With above normal snow packs through most of the province, above normal spring runoff volume is expected in most basins across the province. Above normal snow packs has lead to increased seasonal flood risk in many regions. This year, snow packs are at levels of concern for increased flood risk in the Upper Fraser, Nechako, Columbia, Kootenay, Peace, and Skeena-Nass basins. The very high snow packs in the Upper Fraser, Nechako, Skeena-Nass (including the Bulkley River) creates exceptional seasonal flood risk in these regions, subject to weather conditions during melt. Basins with near normal snow packs have normal seasonal flood risk, and under adverse weather conditions, flooding is still a possibility.

The current snow pack in the entire Fraser River basin is 129% of normal. The distribution of heavy snow packs within the Fraser Basin is concentrated primarily in the Upper Fraser, Nechako and Lower Fraser basin (eg. Lillooet/Harrison basin), with more moderate snow packs in the Thompson River system. Therefore, there is an elevated flood risk present through the entire length of the mainstem of the Fraser River from the Robson Valley to the Fraser Valley.

Peak flows on the South Coast and Vancouver Island regions are typically associated with major flood events during fall and winter rainfall storm events. Moderate spring flooding can occur in basins with a significant portion of the watershed at high elevation (e.g. Lillooet, Birkenhead), but spring snowmelt driven flows are typically of a smaller magnitude than fall/winter events.

With the onset of the snow melt season, the province has entered in to the period of time when freshet flooding can occur. Small to medium sized watersheds in the Interior tend to reach peak flows the earliest in the season (early May through June), while larger river systems tend to peak later in the spring and summer (mid-May through late-June or July). While snow pack plays an important role in seasonal flood risk, ultimately weather determines the rate of river runoff and whether or not flood conditions occur. Adverse weather that can cause flooding includes extended periods of hot weather, wet weather, or combinations of the two.

The River Forecast Centre continues to monitor snow and weather conditions across the Province and when conditions warrant, provides advisories through media releases and on the River Forecast Centre website: <http://bcRFC.env.gov.bc.ca/>. The May 15th snow bulletin is expected to be released on May 22nd, 2012.

Produced by: BC River Forecast Centre
May 8th, 2012

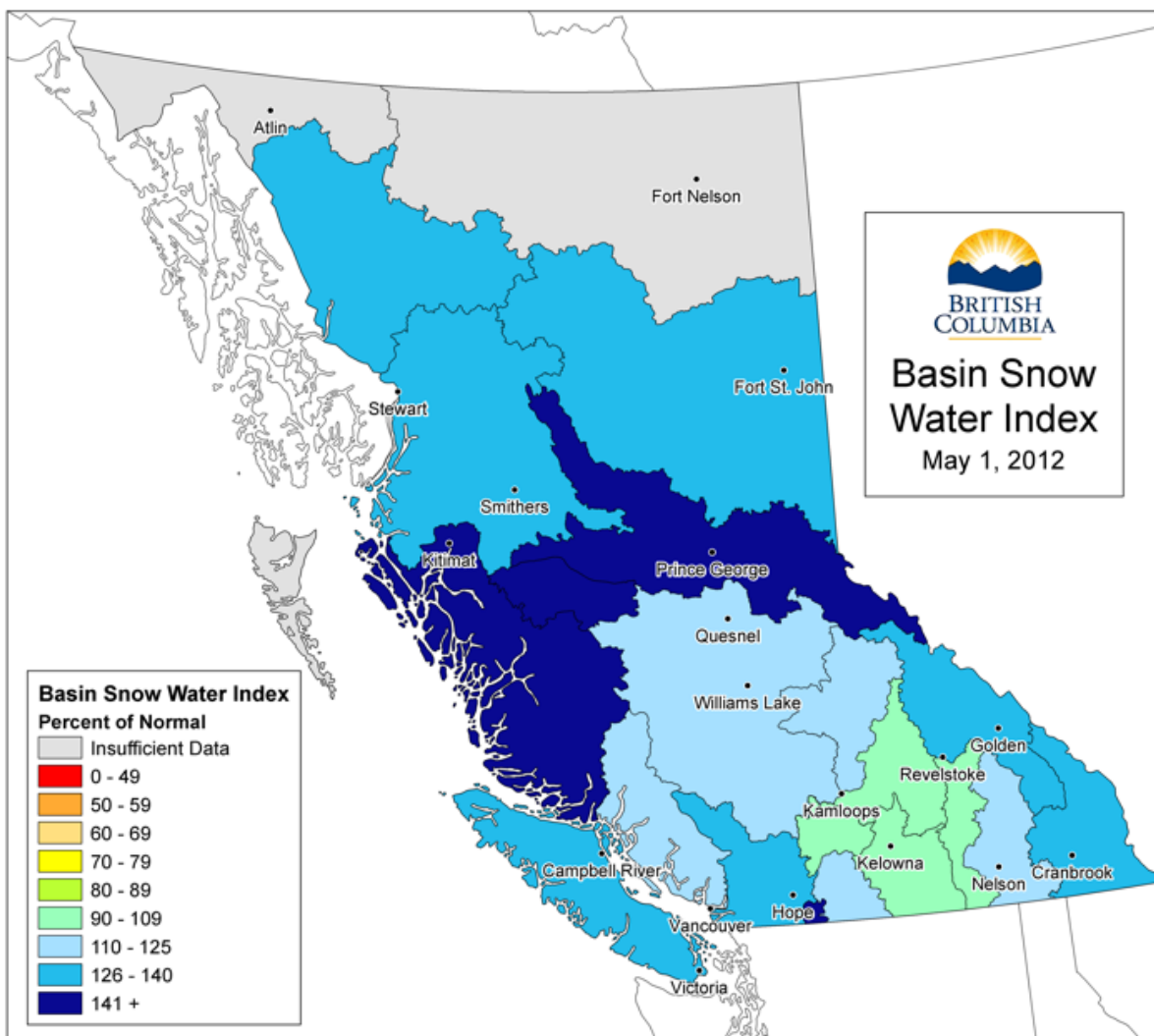


Ministry of
Forests, Lands and
Natural Resources

RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – May 1st, 2012

Map 1: Basin Snow Water Index-May 1st, 2012



1. Every effort is made to ensure that data reported on these pages are accurate. However, in order to update the graphs and indices as quickly as possible, some data may have been estimated. Please note that data provided on these pages are preliminary and subject to revision upon review.

UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	25-Apr	212	976	184	741	433	950	93	530	46
PHILIP LAKE	4A13	980	26-Apr	72	302	150	279	120	406	0	201	48
BURNS LAKE	1A16	800	30-Apr	4	12	100	136		148	0	12	34
HEDRICK LAKE	1A14	1100	25-Apr	207	1013	156	903	541	1090A	263	648	44
HEDRICK LAKE	1A14P	1100	01-May	217	1241	148	1057	698	1140	585	840*	12
BIRD CREEK	1A23	1180	01-May	28	80	170	204	0	204	0	47*	22
KAZA LAKE	1A12	1190	26-Apr	122	481	146	388	166	470	166	330	46
LU LAKE	4B15	1300	27-Apr	109	440	158	424	222	528	144	279	32
LU LAKE	4B15P	1310	01-May	93	404	168	422	189	514	53	241*	13
EQUITY MINE	4B14	1420	27-Apr	130	550	144	524	340	690	212	383	34
MOUNT SHEBA	4A18	1490	25-Apr	256	1262	144	1079	810	1371	503	876	42
BARKERVILLE	1A03P	1520	01-May	84	382	109	470	196	604	150	350	35
KNUDSEN LAKE	1A15	1580	25-Apr	254	1272	146	947	657	1346A	501	874	44
MCBRIDE (UPPER)	1A02P	1620	01-May	159	708	147	529	377	754	239	481*	18
REVOLUTION CREEK	1A17P	1690	01-May	311	1352	171	888	606	1224	434	789	26
LONGWORTH (UPPER)	1A05	1740	25-Apr	244	1188	144	996	724	1270	391	824	57
DOMM MOUNTAIN	1A19P	1820	01-May	253	1145	140	838	589	1166	570	815*	6
YELLOWHEAD	1A01P	1860	01-May	165	801	125	592	594	833	383	641	14

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SKINS LAKE	1B05	880	01-May	0	0	0	0	0	100	0	3	41
TAHTSA LAKE	1B02	1300	01-May	376	1854	147	1337	1210	2073	701	1258	57
TAHTSA LAKE	1B02P	1300	01-May	N/A	1943	147	1382	1332	2365	801	1320	18
KIDPRICE LAKE	4B01	1370	01-May	286	1420	152	1017	873	1591	551	935	57
MOUNT PONDOSY	1B08P	1400	01-May	N/A	1175	145	863	683	1267	374	813	18
MOUNT WELLS	1B01	1490	01-May	159	739	143	582	422	958	201	515	54
MOUNT WELLS	1B01P	1490	01-May	N/A	817	137	606	493	926	292	598	20
NUTLI LAKE	1B07	1490	01-May	163	817	161	541	433	870	250	506*	20
MOUNT SWANNELL	1B06	1620	01-May	101	312	106	349	213	499	109	293*	21

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	29-Apr	35	121	119	218	23	419	0	102	65
NAZKO	1C08	1070	30-Apr	0	0	0	39		46	0	5*	23
GRANITE MOUNTAIN	1C33A	1150	30-Apr	11	37	137	221	0	221	0	27	6
BRIDGE GLACIER (LOWER)	1C39	1400	02-May	177	768	123	802	846	1018	244	624*	16
DEADMAN RIVER	1C32	1430	30-Apr	0	0	0	194	0	194	0	35	26
BRALORNE	1C14	1450	02-May	28	87	114	194	79	255	0	76	48
SHOVELNOSE MOUNTAIN	1C29	1450					305	32	305	0	70	32
BOSS MOUNTAIN MINE	1C20P	1460	01-May	124	534	90	651	441	829	386	595	18
LAC LE JEUNE (UPPER)	1C25	1460	01-May	13	36	109	168	8	168	0	33	39
BRENDA MINE	2F18	1460	27-Apr	63	234	99	334	90	526	0	236	43
BRENDA MINE	2F18P	1460	01-May	N/A	185	108	344	87	344	0	171	19
HIGHLAND VALLEY	1C09A	1510	03-May	0	0	0	106	0	142	0	29	46
BARKERVILLE	1A03P	1520	01-May	84	382	109	470	196	604	150	350	35
HORSEFLY MOUNTAIN	1C13A	1550	28-Apr	107	470	111	634	266	676	136	422	41
GNAWED MOUNTAIN	1C19	1580	03-May	18	45	58	170	77	241	0	78	44
MOUNT TIMOTHY	1C17	1660	02-May	92	338	117	350	175	536	118	290	49
YANKS PEAK EAST	1C41P	1670	01-May	190	991	117	1024	603	1065	529	849	15
PENFOLD CREEK	1C23	1680	27-Apr	270	1292	120	N	916	1420	710	1081	38
GREEN MOUNTAIN	1C12P	1780	01-May	N/A	1124	118	1029		1371	481	950	17
MCGILLIVRAY PASS	1C05	1800	02-May	166	742	123	661	688	1118	270	603	59
MISSION RIDGE	1C18P	1850	01-May	N/A	701	130	616	497	963	147	541	34
DOWNTON LAKE (UPPER)	1C38	1890	02-May	227	1018	112	974	1110	1340	450	911	15
TYAUGHTON CREEK (NORTH)	1C40	1950	02-May	123	496	127	574	584	806	268	390	16
BRALORNE(UPPER)	1C37	1980	02-May	208	926	129	742	788	1092	364	718	16

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALLO RIVER WEST	3D01C	790	06-May	52	201	168	245		371	0	120	19
BROOKMERE	1C01	980	29-Apr	35	121	119	218	23	419	0	102	65
DISAPPOINTMENT LAKE	1D18P	1040	01-May	N/A	1924	123	2460	1448	2460	375	1565*	8
CALLAGHAN CREEK	3A20	1040	30-Apr	229	1062	132	1416	828A	1568	156	805	34
DICKSON LAKE	1D16	1070	06-May	433	2114	136	2270	1520	3180A	520	1550	21
DOG MOUNTAIN	3A10	1080	03-May	302	1361	110	1805	981	2760A	122	1238	28
KLESILKWA	3D03A	1130	06-May	42	171	103	324	0	752	0	166	36
SPUZZUM CREEK	1D19P	1180	01-May	392	2302	146	2039	1601	2277	581	1576*	12
STAVE LAKE	1D08	1210	06-May	397	1932	117	2366	1675	3120A	574	1653	43
WAHLEACH LAKE	1D09	1400	06-May	220	913	131	983	620	1417	177	699	42
WAHLEACH LAKE	1D09P	1400	01-May	N/A	1109	97	1136E	981	1757	509	1140	18
NAHATLATCH RIVER	1D10	1520	N	N	N	N	2376	1751	2720A	608	1487	41
CHILLIWACK RIVER	1D17P	1600	01-May	N/A	2461E	168	2142	1575	2142	705	1468*	17
TENQUILLE LAKE	1D06P	1680	01-May	309	1434	132	1474	1356	1718	634	1086*	11

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BLUE RIVER	1E01B	670	27-Apr	53	206	572		11A	265	0	36	27
BOSS MOUNTAIN MINE	1C20P	1460	01-May	124	534	90	651	441	829	386	595	18
MOUNT COOK	1E02P	1550	01-May	356	1576E	121	1379E	1298	1714	924	1304*	10
AZURE RIVER	1E08P	1620	01-May	238	1501	117	1268	1157	1620	773	1280	15
ADAMS RIVER	1E07	1720	28-Apr	216	839	110		718	1173	396	762	38
KOSTAL LAKE	1E10P	1770	01-May	245	1030	112	1001	736	1256	632	921	27
TROPHY MOUNTAIN	1E03A	1860	28-Apr	201	912	147	593	546	960	417	619	35

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ANGLEMONT	1F02	1190	29-Apr	43	208	98	398	0	496	0	213	51
ABERDEEN LAKE	1F01A	1310	02-May	0	0	0	165	0	165	0	27	56
MONASHEE PASS	2E01	1370	28-Apr	78	305	105	431	150	505	67	291	52
BOULEAU LAKE	2F21	1400	28-Apr	56	200	65	284	40	488	40	309	39
CELISTA	1F06P	1500	01-May	234	1147	122	1066	885	1185	728	939*	6
ADAMS RIVER	1E07	1720	28-Apr	216	839	110		718	1173	396	762	38
KIRBYVILLE LAKE	2A25	1750	27-Apr	290	1439	113	1301	1158	1797	865	1269	39
SILVER STAR MOUNTAIN	2F10	1840	02-May	177	783	102	969	659	1135	371	765	52
PARK MOUNTAIN	1F03P	1890	01-May	214	920	94	1100	779	1343	653	976	27
ENDERBY	1F04	1900					1212A	926	1430	700	1106	49

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DOWNIE SLIDE (LOWER)	2A27	980	27-Apr	163	780	149	760	392	910	0	525	34
GLACIER	2A02	1250	28-Apr	195	945	134	877	476	1247	320	703	66
FIELD	2A03A	1280					133		178	0	25	48
VERMONT CREEK	2A19	1520	29-Apr	114	479	123	550	259	1026	140	388	45
AZURE RIVER	1E08P	1620	01-May	238	1501	117	1268	1157	1620	773	1280	15
DOWNIE SLIDE (UPPER)	2A29	1630	27-Apr	336	1788	126	1362	1318	2242	802	1424	33
KICKING HORSE	2A07	1650	03-May	89	328	104	408	255	589	63	316	61
KIRBYVILLE LAKE	2A25	1750	27-Apr	290	1439	113	1301	1158	1797	865	1269	39
MOUNT REVELSTOKE	2A06P	1830	01-May	N/A	1503E	115	1572E	968	1625	874	1304	17
FIDELITY MOUNTAIN	2A17	1870	28-Apr	356	1853	138	1522	1140	1986	817	1341	48
BEAVERFOOT	2A11	1890	29-Apr	72	242	117	246	62	495	58	207	49
KEYSTONE CREEK	2A18	1890	27-Apr	238	1119	130	1005	788	1421	514	863	44
GOLDSTREAM	2A16	1920	27-Apr	331	1535	125	1325	989	1781	850	1229	48
BUSH RIVER	2A23	1920	27-Apr	241	1142	128	780	744	1392	492	892	42
MOUNT ABBOT	2A14	1980	03-May	364	1885	139	1443	1146	1811	853	1361	46
MOLSON CREEK	2A21P	1980	01-May	N/A	1628	151	1020	1091	1680	742	1080	29
SUNBEAM LAKE	2A22	2010	27-Apr	277	1285	132	1066	899	1562	611	976	43

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880	01-May	118	580	131	718	353	773	160	444	66
FARRON	2B02A	1220	27-Apr	56	206	91	400	103	406	23	226	39
MONASHEE PASS	2E01	1370	28-Apr	78	305	105	431	150	505	67	291	52
WHATSHAN (UPPER)	2B05	1480	28-Apr	135	578	97	821	418	983	255	594	51
BARNES CREEK	2B06	1620	28-Apr	121	473	95	661	282	742	211	500	51
BARNES CREEK	2B06P	1620	01-May	N/A	593	107	746	371	818	360	554	19
ST. LEON CREEK	2B08	1800	28-Apr	316	1443	108	1684	980	1974	816	1340	45
ST. LEON CREEK	2B08P	1800	01-May	N/A	1290E	109	1478	825	1501	705	1181	18
KOCH CREEK	2B07	1860	28-Apr	186	797	98	959	676	1201	391	815	51
RECORD MOUNTAIN	2B09	1890	02-May	177	780	100	1000	652	1278	157	783	37
EAST CREEK	2D08P	2030	01-May	N/A	923	95	1080	765	1346	483	967	30

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	28-Apr	37	149	78	402	0	541	0	191	57
SINCLAIR PASS	2C01	1370	30-Apr	21	68	119	129	0	246	0	57	65
SULLIVAN MINE	2C04	1550	30-Apr	85	320	138	378	86	518	0T	232	66
VERMILION RIVER NO.3	2C20	1612							422	71	229*	15
KIMBERLEY (MIDDLE) VOR	2C12	1680	02-May	65	258	126	391	38A	483	0	204	43
MOUNT JOFFRE	2C16	1750	29-Apr	129	493	127	568	216	772	180	389	42
MORRISSEY RIDGE	2C09Q	1800	01-May	N/A	915	131	1035	450	1345	317	700	25
MOYIE MOUNTAIN	2C10P	1930	01-May	94	495	141	657E	171	674	18	351	31
THUNDER CREEK	2C17	2010	29-Apr	112	411	136	367	192	556	163	302	40
FLOE LAKE	2C14	2090	29-Apr	255	1182	138	N	656	1369	497	856	41
FLOE LAKE	2C14P	2090	01-May	413	1196	152	956	675	1035	481	788	17
KIMBERLEY (UPPER) VOR	2C11	2140	02-May	152	669	134	567	354	935	188	498	43
MOUNT ASSINIBOINE	2C15	2230	29-Apr	183	767	126	N	489	930	339	607	41

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DUNCAN LAKE NO. 2	2D07A	650	01-May				0T		42	0	10*	4
FERGUSON	2D02	880		118	580	131	718	353	773	160	444	66
NELSON	2D04	930					276	0	508	0	177	56
SANDON	2D03	1070					N	N	399	0	83	58
CHAR CREEK	2D06	1310	01-May	131	536	112	622	328	838	79	480	44
GRAY CREEK (LOWER)	2D05	1550	27-Apr	160	684	150	714	308	726	229	456	62
KOCH CREEK	2B07	1860	28-Apr	186	797	98	959	676	1201	391	815	51
MOUNT TEMPLEMAN	2D09	1860	29-Apr	276	1268	111	1282	844	1679	731	1144	43
GRAY CREEK (UPPER)	2D10	1910	01-May				1042	620	1300	505	821	42
EAST CREEK	2D08P	2030		N/A	923	95	1080	765	1346	483	967	30
REDFISH CREEK	2D14P	2104		N/A	1875	140	1669	1223	1710	889	1335*	10

KETTLE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220	27-Apr	56	206	91	400	103	406	23	226	39
CARMI	2E02	1250	30-Apr	0	0	0	144	0	173	0	29	48
MONASHEE PASS	2E01	1370	28-Apr	78	305	105	431	150	505	67	291	52
BIG WHITE MOUNTAIN	2E03	1680	29-Apr	125	474	96	644	392	762	237	494	46
GRANO CREEK	2E07P	1860	01-May	139	680	118	748	458	810	420	574*	14
BLUEJOINT MOUNTAIN	2E06	2040							1201	287	775	33

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMMERLAND RESERVOIR	2F02	1280	27-Apr	38	129	100	216	0	368	0	129	46
MC CULLOCH	2F03	1280					142	0	188	0	30	65
ABERDEEN LAKE	1F01A	1310	02-May	0	0	0	165	0	165	0	27	56
OYAMA LAKE	2F19	1340	27-Apr	18	64	97	176	7	185	0	66	41
POSTILL LAKE	2F07	1370					226	44	282	0	135	60
VASEUX CREEK	2F20	1400	03-May	0	0	0		0	192	0	59	40
BOULEAU LAKE	2F21	1400	28-Apr	56	200	65	284	40	488	40	309	39
TROUT CREEK	2F01	1430	01-May	36	141	152	269	75	386	0	93	64
TROUT CREEK (WEST)	2F01A	1430	01-May	48	171	85	292	112	292	112	202*	2
BRENDA MINE	2F18	1460	27-Apr	63	234	99	334	90	526	0	236	43
BRENDA MINE	2F18P	1460	01-May	N/A	185	108	344	87	344	0	171	19
ISLAHT LAKE	2F24	1480	02-May	66	217	77	324	149	433	64	282	30
GREYBACK RESERVOIR	2F08	1550					356	170	386	0	181	40
ESPERON CR (UPPER)	2F13	1650	27-Apr	98	366	94	416	270	805	119	391	42
ISINTOK LAKE	2F11	1680	26-Apr	44	150	109	205	32	437	0	137	46
MACDONALD LAKE	2F23	1740	27-Apr	113	404	88	576	388	650	198	459	31
MISSION CREEK	2F05P	1780	01-May	143	588	120	658	439	784	140	490	40
GRAYSTOKE LAKE	2F04	1810					438	206	940	120	412	40
MOUNT KOBAL	2F12	1810	29-Apr	84	287	89	436	339	597	53	324	46
WHITEROCKS MOUNTAIN	2F09	1830	27-Apr	129	511	96	590	446	1013	175	534	41
SILVER STAR MOUNTAIN	2F10	1840	02-May	177	783	102	969	659	1135	371	765	52

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	29-Apr	35	121	119	218	23	419	0	102	65
LIGHTNING LAKE	3D02	1220	26-Apr	110	423	163	398	193	599	7	260	39
HAMILTON HILL	2G06	1490	26-Apr	64	247	92	302	40	838	0	268	52
MISSEZULA MOUNTAIN	2G05	1550	27-Apr	51	171	111	256	6	323	0	154	47
ISINTOK LAKE	2F11	1680	26-Apr	44	150	109	205	32	437	0	137	46
LOST HORSE MOUNTAIN	2G04	1920	27-Apr	84	241	98	371	167	554	64	245	48
BLACKWALL PEAK	2G03P	1940	01-May	242	1165	140	1041	713	1566	375	832	44

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PALISADE LAKE 3A09	880					2252	1160	3600A	0	1479	58
PALISADE LAKE 3A09P	880	01-May	N/A	N/A	N/A						
CALLAGHAN CREEK 3A20	1040	30-Apr	229	1062	132	1416	828A	1568	156	805	34
DOG MOUNTAIN 3A10	1080	03-May	302	1361	110	1805	981	2760A	122	1238	28
GROUSE MOUNTAIN 3A01	1100	02-May	334	1602	132	1992	1040	2870A	120	1212	61
ORCHID LAKE 3A19	1190					2980	1913	3845A	900	2030	39
ORCHID LAKE 3A19P	1190	01-May	N/A	2190	124	2508	1689	3660	791	1769	12
UPPER SQUAMISH RIVER 3A25P	1340	01-May	407	2072	127	2607E	1682	2760	975	1635	20
NOSTETUKO RIVER 3A22P	1500	01-May	65	812	140	964	668	1065	207	578*	19
UPPER MOSELY CREEK 3A24P	1650	01-May	69	351	134	393	318	533	128	261*	23

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ELK RIVER 3B04	270					0	0	0	0	0*	27
WOLF RIVER (LOWER) 3B19	640					718	106	1118	0	192	41
UPPER THELWOOD LAKE 3B10	980					N	1650	3560A	524	1594	49
WOLF RIVER (MIDDLE) 3B18	1070					1246	818	1652	0	584	41
FORBIDDEN PLATEAU 3B01	1130					2865	1868	3500A	448	1628	54
JUMP CREEK 3B23P	1160	01-May	326	1751	151	2198	1138	2198	360	1159	13
MOUNT COKELY 3B02A	1250	04-May	258	1194	140	1482		2062	196	850	29
WOLF RIVER (UPPER) 3B17P	1490	01-May	N/A	1645E	114	2274	1926	2274	426	1445	22

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
WEDEENE RIVER SOUTH 3C07	300							749	0	135*	24
TAHTSA LAKE 1B02	1300	01-May	376	1854	147	1337	1210	2073	701	1258	57
TAHTSA LAKE 1B02P	1300	01-May	N/A	1943	147	1382	1332	2353	801	1320	18
BURNT BRIDGE CREEK 3C08P	1330	01-May	261	1412	181	835	676	1470	435	781*	13

SKAGIT Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMALLO RIVER WEST	3D01C	790	06-May	52	201	168	245		371	0	120	19
KLESILKWA	3D03A	1130	06-May	42	171	103	324	0	752	0	166	36
LIGHTNING LAKE	3D02	1220	26-Apr	110	423	163	398	193	599	7	260	39

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	25-Apr	212	976	184	741	433	950	93	530	46
WARE (LOWER)	4A04	980	27-Apr	44A	115A	92	156	49	229	0	125	43
PHILIP LAKE	4A13	980	26-Apr	72	302	150	279	120	406	0	201	48
AIKEN LAKE	4A30P	1040	01-May	N/A	275	175	249	98	308	71	157	24
TUTIZZI LAKE	4A06	1070	26-Apr	74	308	199	266	92	325	0	155	48
TSAYDAYCHI LAKE	4A12	1160	26-Apr	139	600	158	500	287	700	168	380	49
KAZA LAKE	1A12	1190	26-Apr	122	481	146	388	166	470	166	330	46
PULPIT LAKE	4A09	1310	27-Apr	136	527	132	382	321	623	287	399	47
PULPIT LAKE	4A09P	1310	01-May	N/A	508	129	412	283	646	283	394	21
FREDRICKSON LAKE	4A10	1310	26-Apr	76A	245A	106	216	107	358A	107	232	48
PINE PASS	4A02P	1400	01-May	N/A	1596	137	973	893	1537	408	1165	20
TRYGVE LAKE	4A11	1400	26-Apr	134	491	132	354	336	599	272	371	48
SIKANNI LAKE	4C01	1400	27-Apr	103	296	117	267	166	404	115	252	48
PINE PASS	4A02	1400	25-Apr	380	1796	147	1172	1049	1825	681	1224	51
MORFEE MOUNTAIN	4A16	1450	25-Apr	213	1001	124	893	525	1181A	410	810	41
LADY LAURIER LAKE	4A07	1460	28-Apr	212	771	146	585	487	926	305	528	49
MOUNT SHEBA	4A18	1490	25-Apr	256	1262	144	1079	810	1371	503	876	42
GERMANSEN (UPPER)	4A05	1500	26-Apr	141	503	142	422	280	597	181	355	50
MOUNT STEARNS	4A21	1500	27-Apr	82	146	102	207	90	271	0	143	38
JOHANSON LAKE	4B02	1540	26-Apr	111	370	125	303	177	433	143	295	49
MONKMAN CREEK	4A20	1550	N	N	N	N	809	511	1042	329	614	33
WARE (UPPER)	4A03	1570	27-Apr	107	278	102	252	164	402	141	273	45
KWADACHA RIVER	4A27P	1620	01-May	N/A	318	89	293	259	476	259	356*	24

LIARD Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DEASE LAKE	4C03	820	01-May	0	0	0	56	0	178	0T	40	45
JADE CITY	4C15	940	25-Apr	57	182	98	158	28	350	116A	186*	10
SUMMIT LAKE	4C02	1280	30-Apr	27	64	168	98	11	200A	0	38	45
SIKANNI LAKE	4C01	1400	27-Apr	103	296	117	267	166	404	115	252	48

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TERRACE A	4B13A	180	27-Apr	12	42	300			58	0	14*	4
BEAR PASS	4B11A	460							860	256	575	22
NINGUNSAW PASS	4B10	690	01-May	78	342	139	294	0	676	0	246	34
GRANDUC MINE	4B12P	790	01-May	N/A	1973	114			1819	1661	1724*	6
CEDAR-KITEEN	4B18P	885	01-May	145	874	143	624	208	1077	208	613*	11
MCKENDRICK CREEK	4B07	1050	27-Apr	80	340	144	398	191	422	80	236	43
TACHEK CREEK	4B06	1140	27-Apr	74	278	162	283	132	363	55	172	42
KAZA LAKE	1A12	1190	26-Apr	122	481	146	388	166	470	166	330	46
LU LAKE	4B15	1300	27-Apr	109	440	158	424	222	528	144	279	32
LU LAKE	4B15P	1310	01-May	93	404	168	422	189	514	53	241*	13
TSAI CREEK	4B17P	1360	01-May	296	2074	157	1476	1314	2089	956	1319*	14
KIDPRICE LAKE	4B01	1370	01-May	286	1420	152	1017	873	1591	551	935	57
TRYGVE LAKE	4A11	1400	26-Apr	134	491	132	354	336	599	272	371	48
EQUITY MINE	4B14	1420	27-Apr	130	550	144	524	340	690	212	383	34
CHAPMAN LAKE	4B04	1460	27-Apr	164	694	143	622		749	308	485	43
MOUNT CRONIN	4B08	1480	27-Apr	207	852	130	810	591	1125	422	653	40
HUDSON BAY MTN.	4B03A	1480	27-Apr	161	724	136	618	410	795	343	532	39
SHEDIN CREEK	4B16P	1480	01-May	226	1182	122	926	651	1226	651	969*	15
JOHANSON LAKE	4B02	1540	26-Apr	111	370	125	303	177	433	143	295	49

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TELEGRAPH CREEK 4D01	580					0	0	163	0	28	35
NINGUNSAW PASS 4B10	690	01-May	78	342	139	294	0	676	0	246	34
DEASE LAKE 4C03	820	01-May	0	0	0	56	0	178	0	40	45

YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE 4E02A	730	01-May	0	0	0	0	0	156	0	19*	26
LOG CABIN 4E01	880					386	345	531	127	352	51

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

N- SCHEDULED, BUT NOT MEASURED

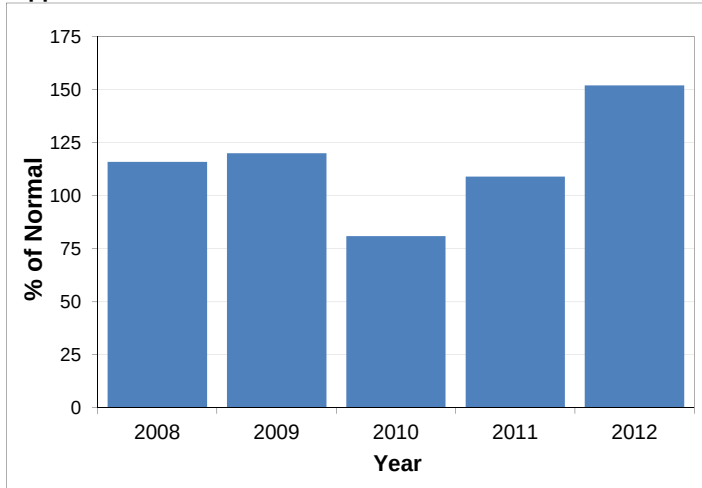
* - PERIOD OF RECORD AVERAGE

N/A - NOT AVAILABLE

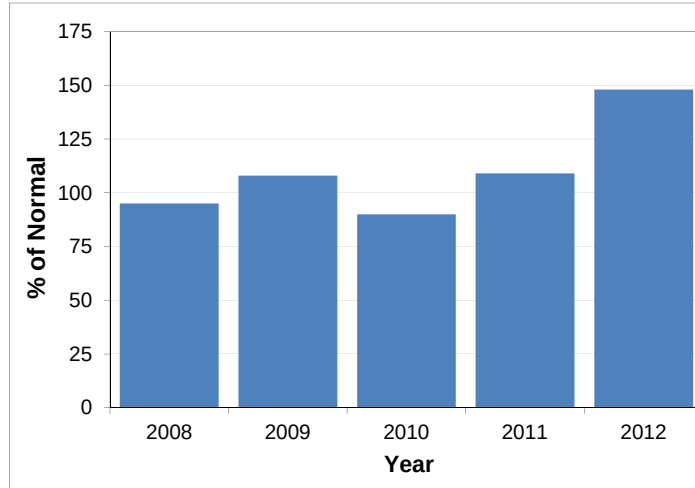
NOTE: 1971-2000 NORMALS BEING USED

Snow Basin Index Graphs - May 1, 2012

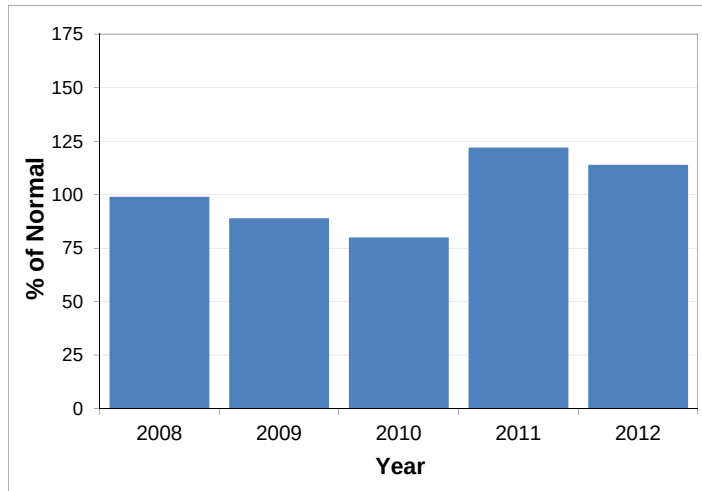
Upper Fraser



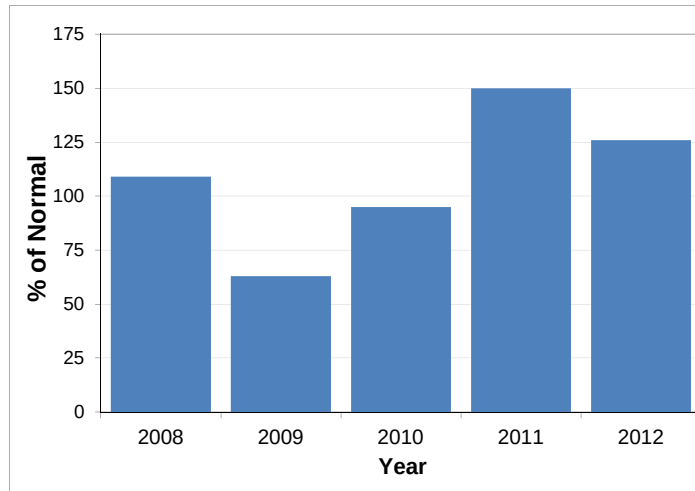
Nechako



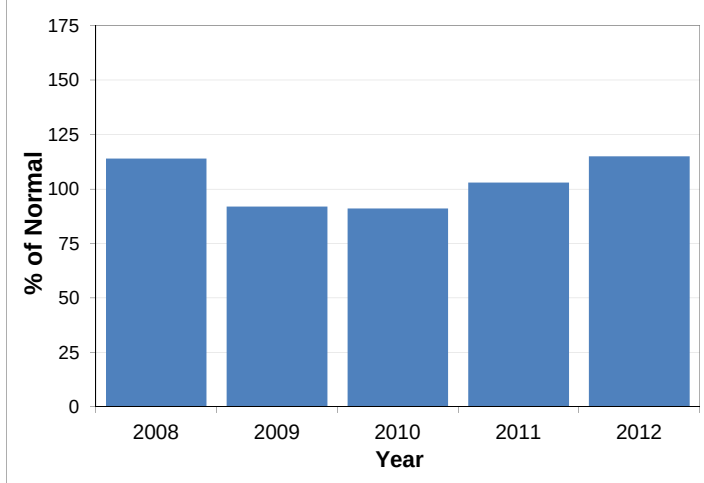
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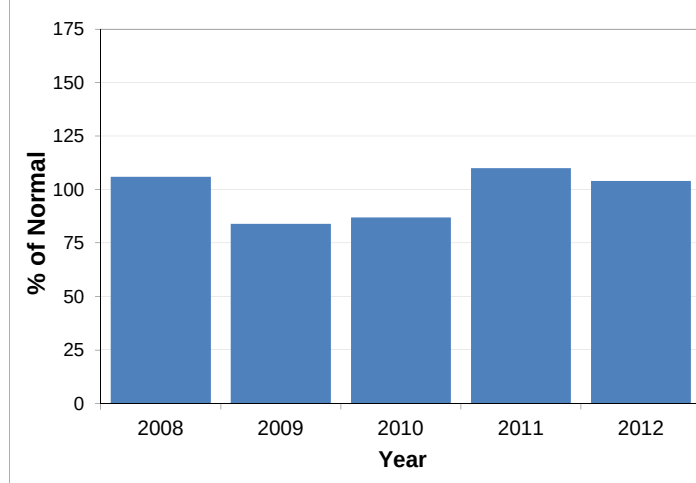
Lower Fraser



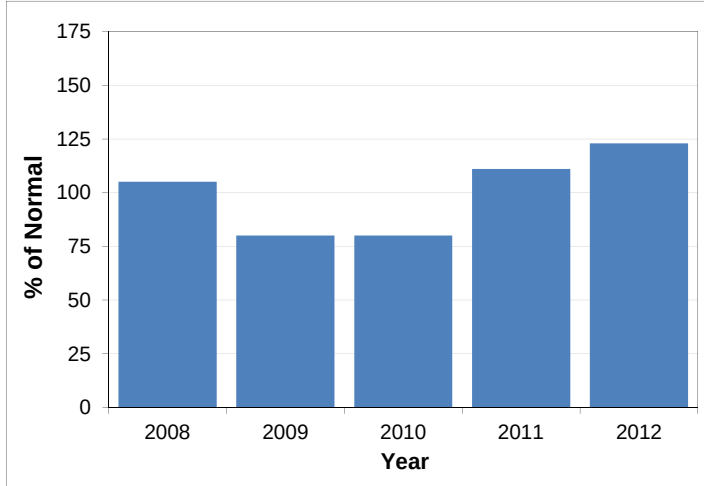
North Thompson



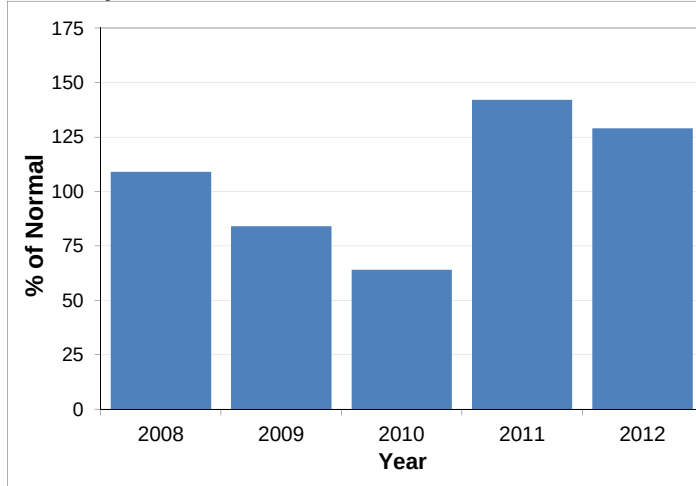
South Thompson



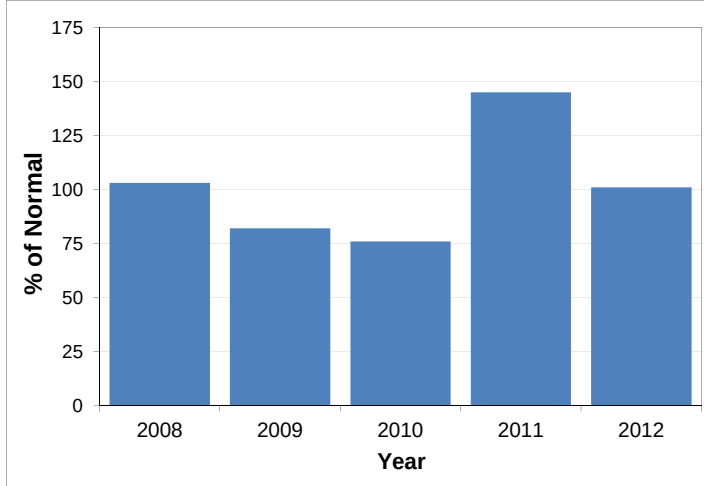
Columbia



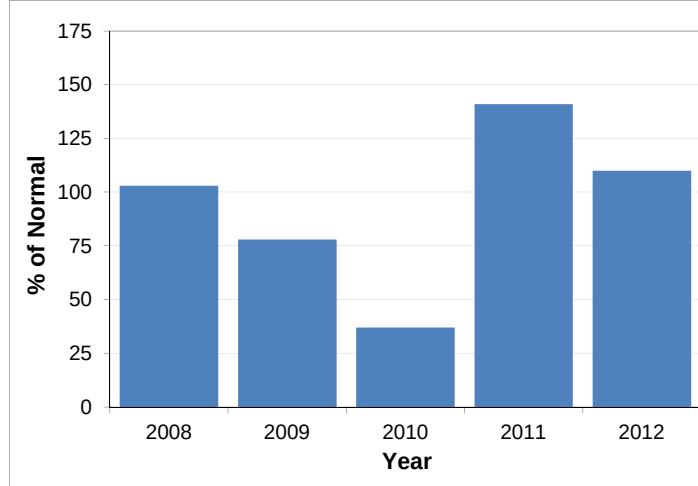
Kootenay



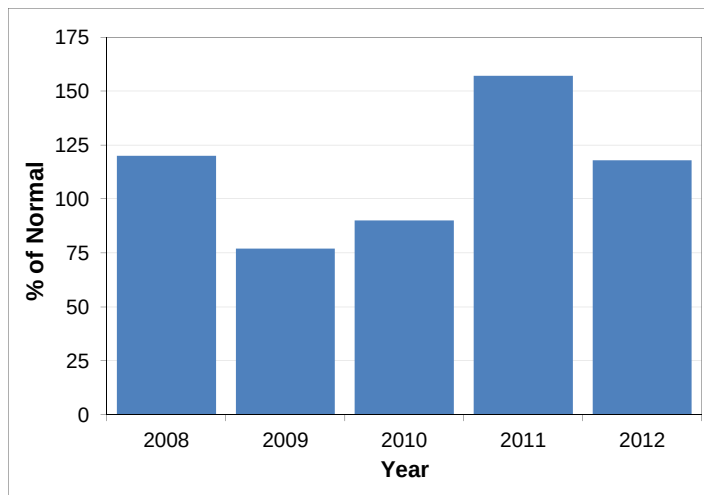
Okanagan-Kettle



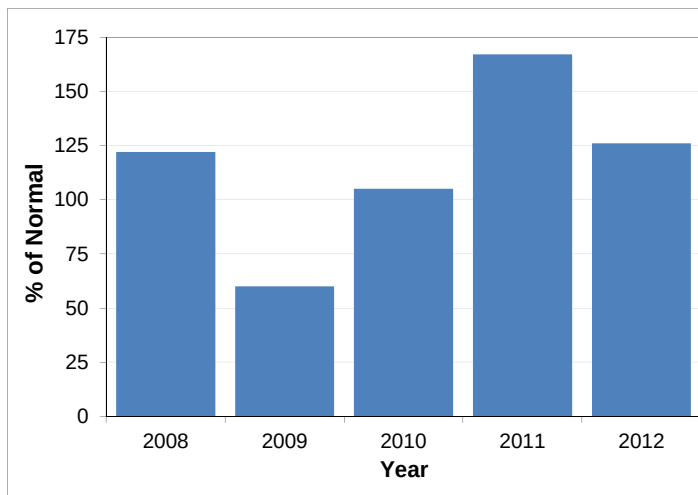
Similkameen



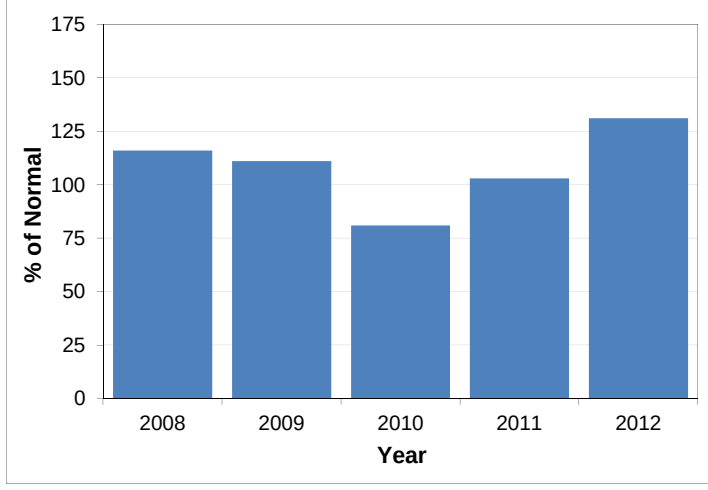
South Coast



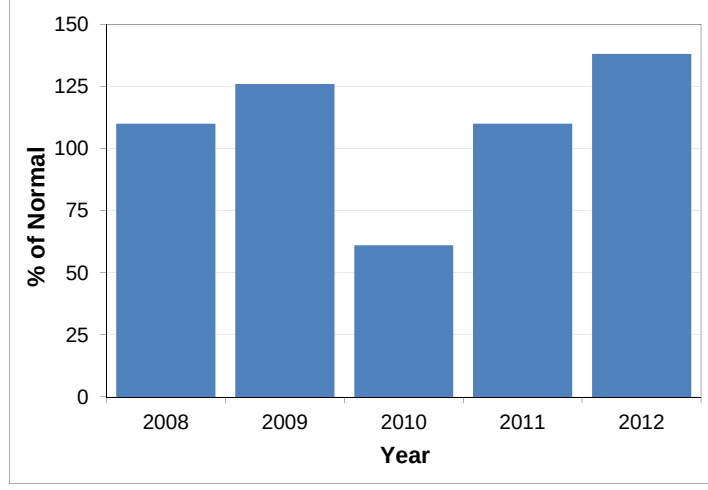
Vancouver Island



Peace



Skeena-Nass



Snow Survey and Water Supply Bulletin – May 15th, 2012

The May 15th snow survey is now complete. Data from 34 snow courses and 53 snow pillows around the province and climate data from Environment Canada have been used to form the basis for the following reports¹.

Weather

Cool and dry conditions were present throughout the province through the early part of May. High pressure ridging starting in the second week in May led to two warming periods. The second ridge towards the middle of the month created 3 to 4 days of hot weather, particularly through the Interior, Okanagan-Kettle, Similkameen, and Kootenays. In general conditions have been drier than normal through the first half of May.

Snowpack

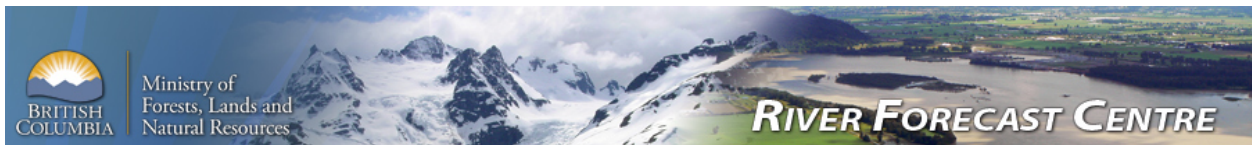
The snow melt season is now proceeding steadily. A number of hot spells through late-April and early-May has led to significant dwindling of the mid-elevation snow pack, particularly in the Similkameen, Okanagan, Kettle, Kootenay, and Interior. Despite the warm weather and snow melt at mid-elevations, snow melt has been limited at upper elevation sites.

Significant snow packs are still present at high elevations across the province, with above average to well above average snow basin indices in all regions except the Okanagan. The delay in snow melt season, particularly in high elevation locations, has led to an increase from May 1st snow basin index values in the Upper Fraser, Middle Fraser, Nechako, North Thompson, South Thompson, Kootenay, Similkameen, South Coast, Peace and Skeena-Nass.

BC Snow Basin Indices – May 15, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	167%	Kootenay	154%
Nechako	150%	Okanagan-Kettle	95%
Middle Fraser	118%	Similkameen	113%
Lower Fraser	125%	South Coast	122%
North Thompson	124%	Vancouver Island	129%
South Thompson	117%	Peace	117%
Columbia	123%	Skeena-Nass	158%

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.



Snow Survey and Water Supply Bulletin – May 15th, 2012

Outlook

Typically the freshet snow melt season in British Columbia lasts from May to the end of June or early July. With significant snow pack at higher elevation, seasonal flood risk is still present through most regions of the province. Snow packs are still at levels of concern for increased flood risk in the Upper Fraser, Nechako, Columbia, Kootenay, Peace, and Skeena-Nass basins. Basins with nearer to normal snow packs (e.g. Thompson) have normal seasonal flood risk, and under adverse weather conditions, flooding is still a possibility.

Snow melt at mid-elevations through the Similkameen, Okanagan, Kettle and South Interior has led to diminished on-going seasonal risk in these regions.

Above-normal seasonal runoff is expected throughout the province. Currently rivers around the province are, in general, flowing at near seasonal levels for this time of year and are below levels of concern for flooding.

Current 30-day temperature forecasts from Environment Canada are for above-normal temperatures through the southern half of the province. Seasonal forecasts for May through July are for a higher probability of warmer than normal temperature in eastern BC, and cooler than normal in coastal BC. Precipitation forecasts for the May through June period are for a higher probability of below normal precipitation for coastal BC, and normal precipitation through eastern BC.

The River Forecast Centre continues to monitor snow and weather conditions across the Province and when conditions warrant, provides advisories through media releases and on the River Forecast Centre website: <http://bcrcfc.env.gov.bc.ca/>. The June 1st snow bulletin is expected to be released on or before June 11th, 2012.

Produced by: BC River Forecast Centre
May 22nd, 2012

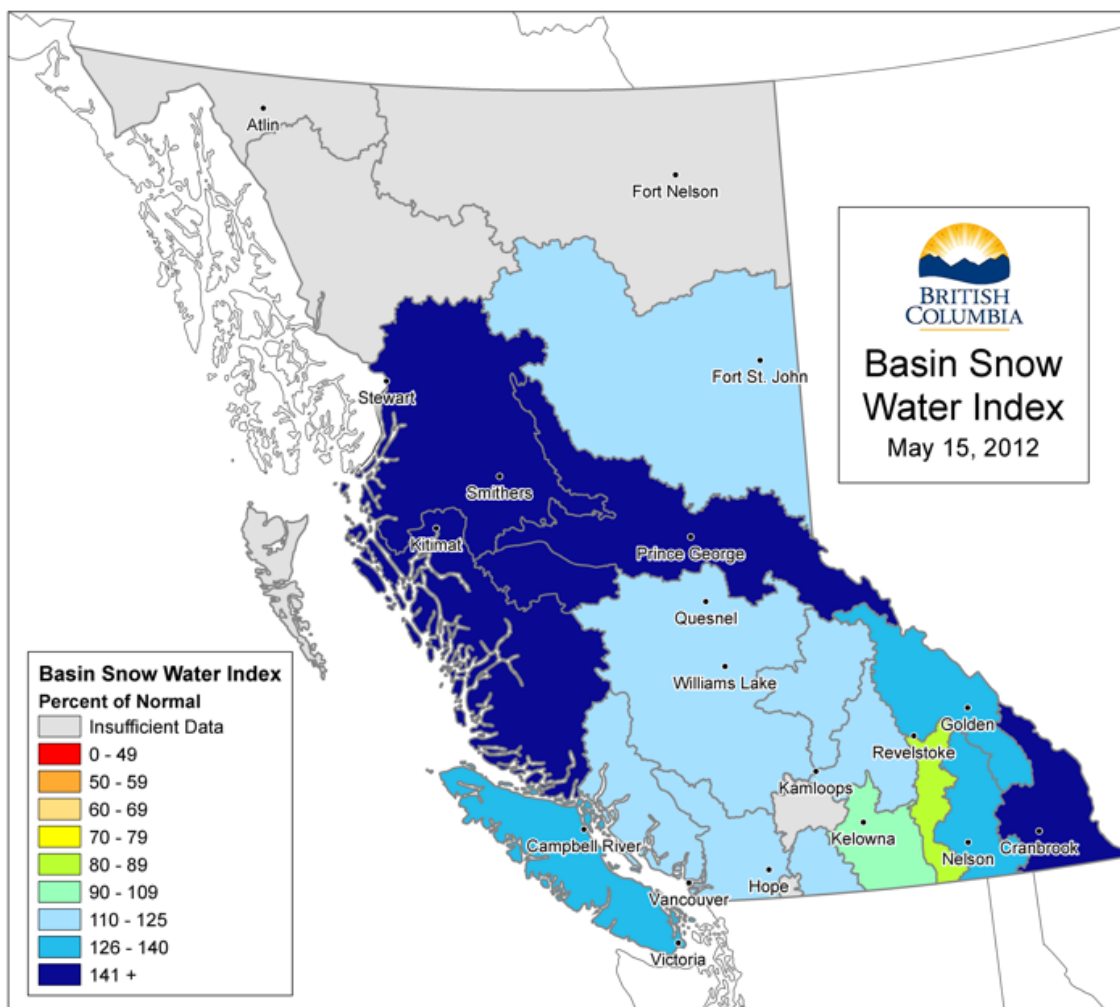


Ministry of
Forests, Lands and
Natural Resources

RIVER FORECAST CENTRE

Snow Survey and Water Supply Bulletin – May 15th, 2012

Map 1: Basin Snow Water Index-May 15th, 2012



UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	13-May	154	728	213	519		728	0	341	34
BURNS LAKE	1A16	800							0	0	0*	17
HEDRICK LAKE	1A14P	1100	15-May	183	1242	164	1024	663	1058	458	759*	11
KAZA LAKE	1A12	1190							212	212	212*	1
LU LAKE	4B15P	1310	15-May	70	337	211	403	113	477	0	160*	13
BARKERVILLE	1A03P	1520	15-May	54	255	109	406	149	503	0	234	34
KNUDSEN LAKE	1A15	1580	13-May	231	1170	141			1271	359	832	33
MCBRIDE (UPPER)	1A02P	1620	15-May	135	642	162	466	341	638	65	396*	19
REVOLUTION CREEK	1A17P	1690	15-May	282	1301	182	853	594	1237	228	713	26
LONGWORTH (UPPER)	1A05	1740	13-May	233	1178	153			1219	292	772	54
DOMA MOUNTAIN	1A19P	1820	15-May	233	1122	134	890	623	1204	555	839*	6
YELLOWHEAD	1A01P	1860	15-May	144	839	145	582	592	829	143	579	14

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02P	1300	15-May	N/A	1887	150	1405	1250	2346	643	1255	18
KIDPRICE LAKE	4B01	1370							1278	534	906*	2
MOUNT PONDOSY	1B08P	1400	15-May	N/A	1091	169	815	543	1200	182	645	19
MOUNT WELLS	1B01P	1490	15-May	N/A	760	149	584	447	950	146	510	20

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	16-May	0	0	0	77		208	0	35	27
BOSS MOUNTAIN MINE	1C20P	1460	15-May	81	402	87	608	396	761	184	464	18
BRENDA MINE	2F18P	1460	15-May	N/A	3	N/A	208	9	208	0	0	18
BARKERVILLE	1A03P	1520	15-May	54	255	109	406	149	503	0	234	34
MOUNT TIMOTHY	1C17	1660					350	122	466	0	201	42
YANKS PEAK EAST	1C41P	1670	15-May	161	912	114	977	602	1125	398	800	15
PENFOLD CREEK	1C23	1680	13-May	245	1326	130	1212	950	1400	585	1019	42
GREEN MOUNTAIN	1C12P	1780	15-May	N/A	1040	123	1026		1366	408	845	17
MISSION RIDGE	1C18P	1850	15-May	N/A	575	151	539	451	973	0	382	35

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	16-May	0	0	0	77		208	0	35	27
DISAPPOINTMENT LAKE	1D18P	1040	15-May	N/A	1852	96	2307	1327	2940	954	1924*	8
DOG MOUNTAIN	3A10	1080	14-May	270	1358	123		786	2920Z	0	1100	25
SPUZZUM CREEK	1D19P	1180	15-May	352	2211	149	1954	1523	2093	386	1485*	12
WAHLEACH LAKE	1D09P	1400	15-May	N/A	1085	113	1183	1000	1793	362	960	18
CHILLIWACK RIVER	1D17P	1600	15-May	380	2398	173	2123	1646	2175	356	1388*	17
TENQUILLE LAKE	1D06P	1680	15-May	282	1352	132	1509	1343	1677	450	1022*	11

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BLUE RIVER	1E01B	670					78		78	0	7*	10
BOSS MOUNTAIN MINE	1C20P	1460	15-May	81	402	87	608	396	761	184	464	18
MOUNT COOK	1E02P	1550	14-May	295	1588	123	1441E	1358	1800	840	1296*	10
AZURE RIVER	1E08P	1620	15-May	206	1410	115	1212	1136	1665	720	1230	15
ADAMS RIVER	1E07	1720	12-May	192	949	133	819	783	1158	280	712	40
KOSTAL LAKE	1E10P	1770	15-May	216	1091	123	987	773	1357	562	887	27
TROPHY MOUNTAIN	1E03A	1860	12-May	211	915	150	692	657	1114	301	608	29

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ANGLEMONT	1F02	1190					250		361	0	100	19
CELISTA	1F06P	1500	15-May	202	1080	121	1154	889	1154	390	893*	4
ADAMS RIVER	1E07	1720	12-May	192	949	133	819	783	1158	280	712	40
SILVER STAR MOUNTAIN	2F10	1840	15-May	136	791	120	914	613	1054	100	661	53
PARK MOUNTAIN	1F03P	1890	15-May	189	941	102	1215	802	1321	474	927	27
ENDERBY	1F04	1900	13-May	276	1213	111	1269	1015	1499	662	1089	48

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
AZURE RIVER	1E08P	1620	15-May	206	1410	115	1212	1136	1665	720	1230	15
KICKING HORSE	2A07	1650					306	521	0	220		47
MOUNT REVELSTOKE	2A06P	1830	15-May	N/A	1443	111	1572E	968	1777	700	1297	18
MOLSON CREEK	2A21P	1980	15-May	N/A	1575	151	1080	1103	1702	602	1040	29

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880					563		640	20	245	36
FARRON	2B02A	1220	14-May	13	40	36	167	16	222	0	110	32
BARNES CREEK	2B06P	1620	15-May	N/A	563	129	743	379	761	94	438	19
ST. LEON CREEK	2B08P	1800	15-May	N/A	1211	112	1478	851	1568	639	1080	18
RECORD MOUNTAIN	2B09	1890	18-May	127	335	50	930	628	1367	83	676	37
EAST CREEK	2D08P	2030	15-May	N/A	983	106	930	754	1387	461	925	30

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250	17-May	0	0	0	298	0	298	0	46	50
SULLIVAN MINE	2C04	1550	14-May	54	218	208	304	0	457	0	105	60
KIMBERLEY (MIDDLE) VOR	2C12	1680	18-May	12	44	N/A						
MORRISSEY RIDGE	2C09Q	1800	15-May	N/A	784	170	1024	431	1114	0	460	27
MOYIE MOUNTAIN	2C10P	1930	15-May	53	333	131	682	130	682	0	255	31
FLOE LAKE	2C14P	2090	15-May	N/A	1080	141	934	671	1088	304	765	17
KIMBERLEY (UPPER) VOR	2C11	2140	18-May	124	570	N/A						

WEST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880					563		640	20	245	36
NELSON	2D04	930					11		243	0	40	41
CHAR CREEK	2D06	1310	15-May	105	471	169	561	257	715	0	279	42
EAST CREEK	2D08P	2030	15-May	N/A	983	106	930	754	1387	461	925	30
REDFISH CREEK	2D14P	2104	15-May	375	1785	133	1672	1301	1740	972	1345*	10

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
FARRON	2B02A	1220	14-May	13	40	36	167	16	222	0	110	32
BIG WHITE MOUNTAIN	2E03	1680	13-May	114	475	122	640	380	732	0	390	46
GRANO CREEK	2E07P	1860	15-May	117	648	121	749	480	855	290	536*	14

OKANAGAN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMMERLAND RESERVOIR	2F02	1280	14-May	0	0	0	115	0	218	0	32	46
VASEUX CREEK	2F20	1400	15-May	0	0	0	0	0	80	0	9	39
TROUT CREEK	2F01	1430	15-May	3A	7A	23A	210	0	307	0	30	59
TROUT CREEK (WEST)	2F01A	1430	15-May	13A	50A	33A	243	58	243	58	150*	2
BRENDA MINE	2F18P	1460	15-May	N/A	3	N/A	208	9	208	0	0	18
GREYBACK RESERVOIR	2F08	1550	15-May	27	80	80	233	146	323	0	100	39
ISINTOK LAKE	2F11	1680	14-May	7	33	42	226A	0	386	0	78	46
MISSION CREEK	2F05P	1780	15-May	122	553	136	713	491	829	0	407	40
MOUNT KOBAL	2F12	1810	13-May	76	287	113	419	329	516	0	254	45
WHITEROCKS MOUNTAIN	2F09	1830	12-May	108	460	115	547	426	968	0	401	41
SILVER STAR MOUNTAIN	2F10	1840	15-May	136	791	120	914	613	1054	100	661	53

SIMILKAMEEN Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BROOKMERE	1C01	980	16-May	0	0	0	77		208	0	35	27
HAMILTON HILL	2G06	1490					208	6	434	0	60	34
MISSEZULA MOUNTAIN	2G05	1550	14-May	60A	78A	144A	214	0	218	0	54	48
ISINTOK LAKE	2F11	1680	14-May	7	33	42	226	0	386	0	78	46
LOST HORSE MOUNTAIN	2G04	1920	14-May	62	221	115	356	135	577	0	192	45
BLACKWALL PEAK	2G03P	1940	15-May	195	1047	148	1000	720	1481	180	706	44

SOUTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PALISADE LAKE	3A09P	880	15-May	N/A	N/A						
DOG MOUNTAIN	3A10	1080	14-May	270	1358		786	2920Z	0	1100	25
ORCHID LAKE	3A19	1190	14-May	446	2280		1726	3730A	774	1900	29
ORCHID LAKE	3A19P	1190	15-May	425	2074	2555	1617	3378	536	1635*	12
UPPER SQUAMISH RIVER	3A25P	1340	15-May	360	1872	2669E	1621	2980E	698	1515	19
NOSTETUKO RIVER	3A22P	1500	15-May	22	703	943	653	943	15	420*	19
UPPER MOSELY CREEK	3A24P	1650	15-May	41	257	376	282	454	0	163*	23

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
JUMP CREEK	3B23P	1160	15-May	287	1602	2199	1049	3500E	0	975	14
WOLF RIVER (UPPER)	3B17P	1490	15-May	N/A	1678	2255	1911	2719E	188	1300	22

NORTH COASTAL Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02P	1300	15-May	N/A	1887	1405	1250	2346	643	1255	18
BURNT BRIDGE CREEK	3C08P	1330	15-May	226	1358	800	538	1444	184	647*	13

PEACE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	13-May	154	728	519		728	0	341	34
AIKEN LAKE	4A30P	1040	15-May	N/A	159	127	0	195		0	24
KAZA LAKE	1A12	1190						212	212	212*	1
PULPIT LAKE	4A09P	1310	15-May	N/A	448	349	168	548	49	230	21
PINE PASS	4A02P	1400	15-May	N/A	1553	997	849	1471	416	1073	20
TRYGVE LAKE	4A11	1400						269	269	269*	1
JOHANSON LAKE	4B02	1540						178	178	178*	1
KWADACHA RIVER	4A27P	1620	15-May	N/A	279E	320	270	468	109	344*	24

LIARD Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
JADE CITY	4C15	940						162	162	162*	1

SKEEN/NASS Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
NINGUNSAW PASS	4B10	690	15-May	42	198	990			208	0	20	13
GRANDUC MINE	4B12P	790	15-May	N/A	1971	123			1980	1421	1603*	6
CEDAR-KITEEN	4B18P	885	15-May	126	777	182	495	9	949	9	428*	11
MCKENDRICK CREEK	4B07	1050	14-May	66	309	386	312		320	0	80	19
KAZA LAKE	1A12	1190							212	212	212*	1
LU LAKE	4B15P	1310	15-May	70	337	211	403	113	477	0	160*	13
TSAI CREEK	4B17P	1360	15-May	275	2065	159	1599	1308	2146	780	1298*	14
KIDPRICE LAKE	4B01	1370							1278	534	906*	2
TRYGVE LAKE	4A11	1400							269	269	269*	1
CHAPMAN LAKE	4B04	1460	14-May	156	689	136			688	238	505*	5
MOUNT CRONIN	4B08	1480	14-May	210	892	162			927	481	550	11
HUDSON BAY MTN.	4B03A	1480	14-May	159	698	158	613	415	822	160	441	39
SHEDIN CREEK	4B16P	1480	15-May	226	1270	135	968	568	1223	568	942*	15
JOHANSON LAKE	4B02	1540							178	178	178*	1

STIKINE/TAKU Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
NINGUNSAW PASS 4B10	690	15-May	42	198	990			208	0	20	13

YUKON Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	May 15 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
ATLIN LAKE 4E02A	730							0	0	0*	5
LOG CABIN 4E01	880						146	420	0	200	23

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

N- SCHEDULED, BUT NOT MEASURED

* - PERIOD OF RECORD AVERAGE

N/A - NOT AVAILABLE

NOTE: 1971-2000 NORMALS BEING USED

Snow Survey and Water Supply Bulletin – June 1st, 2012

The June 1st snow survey is now complete. Data from 29 snow courses and 53 snow pillows around the province and climate data from Environment Canada have been used to form the basis for the following reports¹.

Weather

Cool and dry conditions were present throughout most the province throughout May. Province-wide, temperatures were 0.5 to 1.0°C below normal. Very dry conditions were present through the Interior, Kootenay and Columbia regions, and wetter than normal conditions were observed along the central Coast and north-west BC. At the end of May, weather across the province transitioned into a persistent wetter pattern.

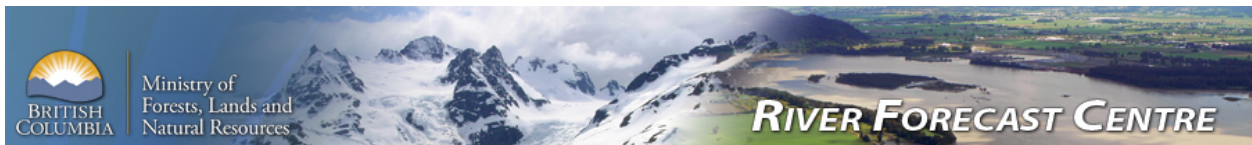
Snowpack

The cooler weather through May led to a delay in the onset of snow melt by 2-3 weeks. By June 1st, the snow melt season was proceeding steadily, and notable melt has occurred since the May 15th survey. Significant snow packs are still present at high elevations across the province, with above average to well above average snow basin indices in all regions except the Middle Fraser and Okanagan. The delay in snow melt season, particularly in high elevation locations, has led to an increase from May 15th snow basin index values in the Upper Fraser, Nechako, North Thompson, Similkameen, South Coast, Peace and Skeena-Nass (Map 1). Since the June 1st manual surveys were completed, significant additional snow melt has been observed at automated snow pillow stations, so it is likely that similar additional snow melt has occurred at the manual snow survey sites.

BC Snow Basin Indices – June 1, 2012

Basin	% of Normal	Basin	% of Normal
Upper Fraser	178%	Kootenay	124%
Nechako	178%	Okanagan-Kettle	81%
Middle Fraser	92%	Similkameen	183%
Lower Fraser	164%	South Coast	153%
North Thompson	134%	Vancouver Island	151%
South Thompson	116%	Peace	122%
Columbia	105%	Skeena-Nass	195%

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.



Snow Survey and Water Supply Bulletin – June 1st, 2012

Outlook

As of June 1st, there is still significant snow pack, particularly in the mountainous regions of the province. Rivers through most areas of the province were near normal levels at the beginning of June. Through the Interior Plateau (Middle Fraser watershed, excluding the Cariboo Mountains) and Okanagan basins, snow is now limited to the upper elevations. Given the delay in the onset of melt in other areas, the peak snow melt season is also expected to be delayed this year.

Heavy rains through the early part of June has led to flooding issues in many regions of the province, including the Upper Fraser, Nechako, Thompson River tributaries, Liard, north-east BC, Kootenay, Columbia and Okanagan. River levels in these areas remain elevated for this time of year.

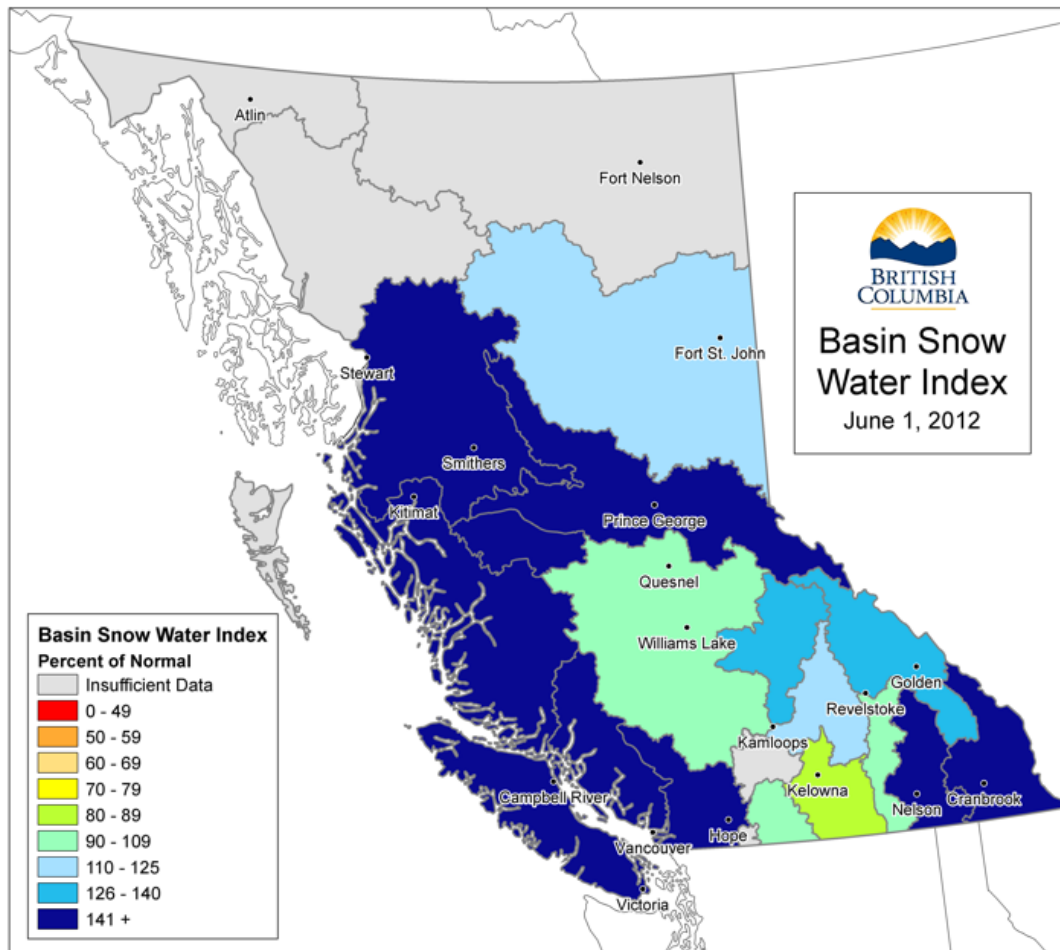
Significant snow packs are still present in the Upper Fraser, Nechako, Lower Fraser, Columbia, Kootenay, Skeena-Nass and Peace regions, and in the Fraser Basin as a whole. While there has been additional melt of snow through the early part of June (i.e. since the June 1st snow surveys took place) there is still on-going elevated flood risk. It may be late-June before the elevated risk subsides through the Upper Fraser, Nechako, Kootenay Peace, Skeena-Nass, and overall Fraser Basin, where peak flows typically occur in early-June.. In Columbia and South Thompson, where peak flows typically occur late-June, elevated flood risk may extend into July.

The River Forecast Centre continues to monitor snow and weather conditions across the Province and when conditions warrant, provides advisories through media releases and on the River Forecast Centre website: <http://bcrfc.env.gov.bc.ca/>. The June 15th snow bulletin is expected to be released on or before June 25th, 2012.

Produced by: BC River Forecast Centre
June 11th, 2012

Snow Survey and Water Supply Bulletin – June 1st, 2012

Map 1: Basin Snow Water Index-June 1st, 2012



UPPER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	30-May	90	462	651	0		411	0	71	33
HEDRICK LAKE	1A14P	1100	01-Jun	132	1021	297	720	388	784	0	344*	11
BIRD CREEK	1A23	1180						0	0	0	0*	17
LU LAKE	4B15P	1310	01-Jun	5	58	181	135	0	158	0	32*	14
BARKERVILLE	1A03P	1520	01-Jun	1	1	2	169	0	291	0	66	28
KNUDSEN LAKE	1A15	1580	30-May	174	959	145	662		1113	0	662	32
MCBRIDE (UPPER)	1A02P	1620	01-Jun	83	400	226	209	107	316	11	173*	14
REVOLUTION CREEK	1A17P	1690	01-Jun	230	1117	226	659	428	940	0	495	27
LONGWORTH (UPPER)	1A05	1740		181	964	163	740		1194	0	591	50
DOMM MOUNTAIN	1A19P	1820	01-Jun	194	1066	166	668	499	1050	255	644*	6
YELLOWHEAD	1A01P	1860	01-Jun	105	682	147	400	464	645	0	464	13

NECHAKO Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02	1300	01-Jun	296	1619	161		963	1828Z	406	1007	33
TAHTSA LAKE	1B02P	1300	01-Jun	N/A	1647	165	1157	945	2139	277	1001	18
KIDPRICE LAKE	4B01	1370	01-Jun	216	1288	193		587	1359A	0	666	34
MOUNT PONDOSY	1B08P	1400	01-Jun	N/A	820	293	508	171	929	0	280	18
MOUNT WELLS	1B01	1490	01-Jun	98	450	180		211	529	0	250	31
MOUNT WELLS	1B01P	1490	01-Jun	N/A	557	230	409	189	685	0	250	20
NUTLI LAKE	1B07	1490	01-Jun	54	303	131		292	618Z	0	232*	19
MOUNT SWANNELL	1B06	1620	01-Jun	44	175	159		0	350Z	0	110*	22

MIDDLE FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	16	121	69	364	114	435	0	175	18
BRENDA MINE	2F18P	1460	01-Jun	N/A	4		6	0	6	0	0	18
BARKERVILLE	1A03P	1520	01-Jun	1	1	2	169	0	291	0	66	28
YANKS PEAK EAST	1C41P	1670	01-Jun	108	661	112	908	347	1016	104	590	14
PENFOLD CREEK	1C23	1680	30-May	193	1083	128	1044	758	1354	353	847	40
GREEN MOUNTAIN	1C12P	1780	01-Jun	N/A	829	172	918		1183	140	610	17
MISSION RIDGE	1C18P	1850	01-Jun	N/A	239	157	442	195	710	0	151	30

LOWER FRASER Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
DISAPPOINTMENT LAKE	1D18P	1040	01-Jun	N/A	1576	162	2177	1215	2177	0	1092*	9
CALLAGHAN CREEK	3A20	1040	31-May	110	550	250	1050	394	1228	0	220	27
DOG MOUNTAIN	3A10	1080	04-Jun	188	1035	122	1575	503	2480Z	0	850	25
SPUZZUM CREEK	1D19P	1180	01-Jun	294	1946	164	1851	1350	1823	0	1186*	12
WAHLEACH LAKE	1D09P	1400	01-Jun	N/A	1015	156	1143	911	1525	0	650	18
CHILLIWACK RIVER	1D17P	1600	01-Jun	324	2165	196	2056	1451	2056	0	1105*	16
TENQUILLE LAKE	1D06P	1680	01-Jun	224	1113	143	1381	1135	1388	210	779*	11

NORTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
BOSS MOUNTAIN MINE	1C20P	1460	01-Jun	16	121	69	364	114	435	0	175	18
MOUNT COOK	1E02P	1550	01-Jun	252	1403E	135	1435E	1271	1560	574	1040*	10
AZURE RIVER	1E08P	1620	01-Jun	146	1247	121	1107	908	1778	416	1030	15
ADAMS RIVER	1E07	1720	26-May	153	788	132	765	623	1155	0	595	39
KOSTAL LAKE	1E10P	1770	01-Jun	164	953	136	983	676	1377	155	700	27

SOUTH THOMPSON Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
CELISTA	1F06P	1500	01-Jun	146	802	99	890	611	890	38	561*	6
ADAMS RIVER	1E07	1720	26-May	153	788	132	765	623	1155	0	595	39
SILVER STAR MOUNTAIN	2F10	1840	02-Jun	99	512	109	838	562	980	0	468	53
PARK MOUNTAIN	1F03P	1890	01-Jun	145	787	106	1136	761	1269	296	742	26
ENDERBY	1F04	1900						967	1422	430	960	47

UPPER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
AZURE RIVER	1E08P	1620	01-Jun	146	1247	121	1107	908	1778	416	1030	15
KICKING HORSE	2A07	1650					44		226	0	60	33
MOUNT REVELSTOKE	2A06P	1830	01-Jun	N/A	1280	112	1428E	795	2063	240	1146	18
MOLSON CREEK	2A21P	1980	01-Jun	N/A	1283	158	889	968	1512	98	810	28

LOWER COLUMBIA Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880					400		400	0	25	13
FARRON	2B02A	1220					34		34	0	3	18
BARNES CREEK	2B06P	1620	01-Jun	N/A	221	108	630	113	630	0	205	11
ST. LEON CREEK	2B08P	1800	01-Jun	N/A	1028	126	1380	638	1580	225	815	18
RECORD MOUNTAIN	2B09	1890	03-Jun	64	155	35	810	450	1073	0	442	35
EAST CREEK	2D08P	2030	01-Jun	N/A	870	98	971	608	1256	111	770	29

EAST KOOTENAY Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERNIE EAST	2C07	1250					0		51	0	5	15
SULLIVAN MINE	2C04	1550	28-May	0T	0T	0	98	0	137	0	13	29
KIMBERLEY (MIDDLE) VOR	2C12	1680										
MORRISSEY RIDGE	2C09Q	1800	01-Jun	N/A	428	306	878	158	878	0	140	26
MOYIE MOUNTAIN	2C10P	1930	01-Jun	1	2	3	474	0	474	0	60	26
FLOE LAKE	2C14P	2090	01-Jun	N/A	930	152	791	566	979	98	610	17
KIMBERLEY (UPPER) VOR	2C11	2140										

WEST KOOTENAY Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FERGUSON	2D02	880				400		322	0	25	13
CHAR CREEK	2D06	1310	01-Jun	39	180	362	117	362	0	55	35
GRAY CREEK (LOWER)	2D05	1550	30-May	92	433	498	N	551	0	210	56
GRAY CREEK (UPPER)	2D10	1910	30-May	180	913	851	487	1120	0	535	39
EAST CREEK	2D08P	2030	01-Jun	N/A	870	971	608	1256	111	770	29
REDFISH CREEK	2D14P	2104	01-Jun	320	1805	1702	1200	1702	818	1185*	10

KETTLE Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
FARRON	2B02A	1220				34		34	0	3	18
BIG WHITE MOUNTAIN	2E03	1680	02-Jun	40	276	528	242	658	0	202	46
GRANO CREEK	2E07P	1860	01-Jun	67	396	727	300	769	0	318*	14

OKANAGAN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
SUMMERLAND RESERVOIR	2F02	1280				0		25	0	5*	8
BRENDA MINE	2F18P	1460	01-Jun	N/A	4	6	0	6	0	0	18
GREYBACK RESERVOIR	2F08	1550				104	0	155	0	4	25
ISINTOK LAKE	2F11	1680				60		211	0	25	21
MISSION CREEK	2F05P	1780	01-Jun	74	351	620	391	641	0	236	40
MOUNT KOBAL	2F12	1810	30-May	22	82	396	271	488	0	132	46
WHITEROCKS MOUNTAIN	2F09	1830	28-May	50	219	400	194	848	0	196	40
SILVER STAR MOUNTAIN	2F10	1840	02-Jun	99	512	838	562	980	0	468	53

SIMILKAMEEN Drainage Basin

Snow Course Name and Number	Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record	
			Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm		
ISINTOK LAKE	2F11	1680				60		211	0	25	21	
BLACKWALL PEAK	2G03P	1940	01-Jun	142	826	176	941	589	1253	0	452	43

SOUTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PALISADE LAKE	3A09P	880	01-Jun	N/A	N/A			61	595	0	120*	9
CALLAGHAN CREEK	3A20	1040	31-May	110	550	250	1050	394	1228	0	220	27
ORCHID LAKE	3A19	1190	04-Jun	348	1862	119	2592	1712	3648	174	1560	32
ORCHID LAKE	3A19P	1190	01-Jun	345E	1750	143	2262	1375	2262	184	1220*	13
UPPER SQUAMISH RIVER	3A25P	1340	01-Jun	280	1700	139	2441E	1431	1714	435	1220	19
NOSTETUKO RIVER	3A22P	1500	01-Jun	0	387	287	676	304	676	0	135*	19
UPPER MOSELY CREEK	3A24P	1650	01-Jun	0	21	58	233	55	233	0	36*	23

VANCOUVER ISLAND Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
JUMP CREEK	3B23P	1160	01-Jun	211	1222	235	1914	747	1914	0	520	14
WOLF RIVER (UPPER)	3B17P	1490	01-Jun	N/A	1483	148	2115	1795	2465	42	980	24

NORTH COASTAL Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
TAHTSA LAKE	1B02	1300	01-Jun	296	1619	161		963	1828Z	406	1007	33
TAHTSA LAKE	1B02P	1300	01-Jun	N/A	1647	165	1157	945	2139	277	1001	18
BURNT BRIDGE CREEK	3C08P	1330	01-Jun	169	1072	335	512	199	1125	0	320*	13

PEACE Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
PACIFIC LAKE	1A11	770	30-May	90	462	651	0		411	0	71	33
AIKEN LAKE	4A30P	1040	01-Jun	N/A	3		2	0	0	0	0	24
PULPIT LAKE	4A09P	1310	01-Jun	N/A	202		0	0	207	0	0	21
PINE PASS	4A02P	1400	01-Jun	N/A	1426	179	727	598	1289	183	795	19
KWADACHA RIVER	4A27P	1620	01-Jun	N/A	119E	59	38	15	458	0	201*	23

SKEENA/NASS Drainage Basin

Snow Course Name and Number		Elev. metres	Date of Survey	Jun 1 2012			Historic, Water Equivalent (mm)					Yrs of Record
				Snow Depth cm	Water Equiv. mm	% of Normal	2011 mm	2010 mm	Max. mm	Min. mm	Normal mm	
GRANDUC MINE	4B12P	790	01-Jun	N/A	1700	146			1796	818	1166*	6
CEDAR-KITEEN	4B18P	885	01-Jun	N/A	487	278	173	0	604	0	166*	11
MCKENDRICK CREEK	4B07	1050	29-May	30	139	632	115		149	0	22*	14
LU LAKE	4B15P	1310	01-Jun	5	58	181	135	0	158	0	32*	14
TSAL CREEK	4B17P	1360	01-Jun	220	1885	179	1346	1039	2086	330	1051*	14
KIDPRICE LAKE	4B01	1370	01-Jun	216	1288	193		587	1359A	0	666	34
CHAPMAN LAKE	4B04	1460	29-May	116	584	123	424		594	285	473*	6
HUDSON BAY MTN.	4B03A	1480	29-May	118	564	196	433	260	729	0	288	39
MOUNT CRONIN	4B08	1480	29-May	175	806	115	674		927	500	702*	9
SHEDIN CREEK	4B16P	1480	01-Jun	170	1167	166	739	293	1219	64	705*	15

A - SAMPLING PROBLEMS WERE ENCOUNTERED

B - EARLY OR LATE SAMPLING

C - EARLY OR LATE SAMPLING WITH PROBLEMS ENCOUNTERED

E - ESTIMATED BASED ON AREAL AVERAGE

N- SCHEDULED, BUT NOT MEASURED

* - PERIOD OF RECORD AVERAGE

N/A - NOT AVAILABLE

NOTE: 1971-2000 NORMALS BEING USED