

Snow Survey and Water Supply Bulletin – June 15th, 2024

The June 15th snow survey is now complete. Data from four manual snow courses and 105 automated snow weather stations around the province (collected by the Ministry of Environment and Climate Change Strategy's Snow Survey Program, BC Hydro and partners), and climate data from Environment and Climate Change Canada (ECCC) and the provincial Climate Related Monitoring Program have been used to form the basis of the following report.

Executive Summary

- As of June 15th, snowpack is below normal, averaging 38% across B.C. (June 1st: 57%)
- Typically, three-quarters of the annual snowpack melts by June 15th. Despite a very early melt of low elevation snowpack in April, overall this year's snow has melted at a typical rate, with 79% now melted.
- Last year, the average of all stations on June 15th was 4% of normal.
- Snowmelt-related flood hazard remains low. The greatest flood risk for the rest of the season is from widespread heavy rain events.
- Low seasonal snowpack, early snowmelt and lingering impacts from on-going drought are creating elevated drought hazards for the upcoming summer.
- This is the final Snow Bulletin of the 2024 season. The next Bulletin will be issued in early January 2025.

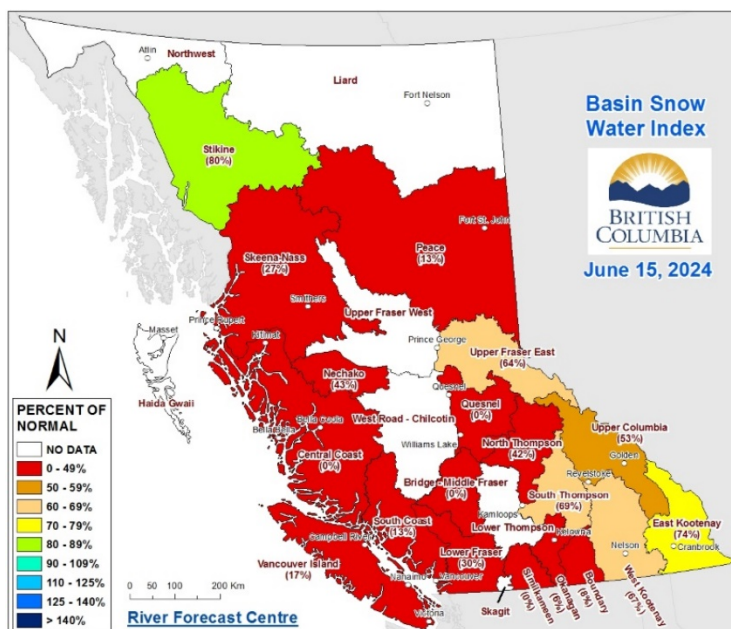


Figure 1. June 15th, 2024 Basin Snow Water Index Map of British Columbia. Larger and colour-friendly versions available in full report.

Table 1. June 15th, 2024 Snow Basin Indices in B.C.

Basin	% of Normal	Basin	% of Normal	Basin	% of Normal
Upper Fraser West	N/A#	North Thompson	42	South Coast	13
Upper Fraser East	64	South Thompson	69	Vancouver Island	17
Nechako	43	Fraser River	38	Central Coast	0
Middle Fraser	0	Upper Columbia	53	Skagit	N/A#
Lower Thompson*	N/A#	West Kootenay	67	Peace	13
Bridge*	0	East Kootenay	74	Skeena-Nass	27
Chilcotin*	N/A#	Boundary	8	Liard	N/A#
Quesnel*	0	Okanagan	6	Stikine	80
Lower Fraser	30	Similkameen	0	Northwest	N/A#

British Columbia 38% of Normal

* Sub-basin of Middle Fraser # Insufficient data to calculate a Snow Basin Index Normal Period (1991-2020)

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Weather

Temperatures during the first half of June were generally seasonable. A brief warm spell from June 6-10 was offset by slightly cooler than normal conditions the rest of the period.

Colder temperatures and precipitation over the June 15-16 weekend resulted in mountain snow accumulation at some automated snow weather stations.

Snowpack

The provincial snowpack remains very low with the average of all stations for June 15th at 38% of normal (June 1st: 57%). Snow Basin Indices (SBI) range from 0% for several regions to 80% in the Stikine, with six snow basins lacking indices (Tables 1, 2 and Figures 1, 4, 5).

rate, with 79% of the snow now melted. This contrasts with 2023, when a record hot May led to melting of nearly all the measured mountain snowpack; the average of all stations for June 15, 2023 was only 4% of normal (Table 3).

Typically, three-quarters of the annual snowpack melts by June 15th. Despite a very early melt of low elevation snowpack in April, overall this year's snow has melted at a typical

Please see the full summary data tables and SBI bar charts at the end of this report for further interpretation.

Table 2 – B.C. Snow Basin Indices – June 15, 2024 compared to June 1, 2024

Basin	June 15 th % of Normal (June 1 value)	Percentage Point Change June 1 to 15	Basin	June 15 th % of Normal (June 1 value)	Percentage Point Change June 1 to 15
Fraser River Region			Columbia Region		
Upper Fraser East	64 (43)	↑ +21	Upper Columbia	53 (60)	↓ -7
Upper Fraser West	N/A (N/A)	N/A ^a	West Kootenay	67 (79)	↓ -12
Nechako	43 (53)	↓ -10	East Kootenay	74 (67)	↑ +7
Middle Fraser	0 (39)	↓ -39	Boundary	8 (74)	↓ -66
Lower Thompson*	N/A (N/A)	N/A ^a	Okanagan	6 (73)	↓ -67
Bridge*	0 (31)	↓ -31	Similkameen	0 (37)	↓ -37
Chilcotin*	N/A (N/A)	N/A ^a	Northern Region		
Quesnel*	0 (47)	↓ -47	Peace	13 (55)	↓ -42
Lower Fraser	30 (54)	↓ -24	Skeena-Nass	27 (53)	↓ -26
North Thompson	42 (72)	↓ -30	Liard	N/A (N/A)	N/A ^a
South Thompson	69 (87)	↓ -18	Stikine	80 (160)	↓ -80
Coastal Region			Northwest	N/A (N/A)	N/A ^a
South Coast	13 (42)	↓ -29	Additional		
Vancouver Island	17 (31)	↓ -14	Fraser River	38 (57)	↓ -19
Central Coast	0 (34)	↓ -34			
Skagit	N/A (N/A)	N/A ^a			
British Columbia 38 (57) ↓ -19					

^a No snow measurements to calculate a SBI for June 1st, 2024

* Sub-region of the Middle Fraser

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Table 3 – B.C. Snow Basin Indices – June 15, 2024 compared to June 15, 2023

Basin	June 15 th % of Normal (2023 value)	Percentage Point Change 2023 to '24	Basin	June 15 th % of Normal (2023 value)	Percentage Point Change 2023 to '24
Fraser River Region			Columbia Region		
Upper Fraser East	64 (0)	↑ +64	Upper Columbia	53 (0)	↑ +53
Upper Fraser West	N/A (N/A)	N/A ^a	West Kootenay	67 (0)	↑ +67
Nechako	43 (29)	↑ +14	East Kootenay	74 (0)	↑ +74
Middle Fraser	0 (0)	0	Boundary	8 (0)	↑ +8
Lower Thompson*	N/A (N/A)	N/A ^a	Okanagan	6 (0)	↑ +6
Bridge*	0 (0)	0	Similkameen	0 (0)	0
Chilcotin*	N/A (N/A)	N/A ^a	Northern Region		
Quesnel*	0 (0)	0	Peace	13 (0)	↑ +13
Lower Fraser	30 (0)	↑ +30	Skeena-Nass	27 (18)	↑ +9
North Thompson	42 (0)	↑ +42	Liard	N/A (N/A)	N/A ^a
South Thompson	69 (0)	↑ +69	Stikine	80 (0)	↑ +80
Coastal Region			Northwest	N/A (N/A)	N/A ^a
South Coast	13 (30)	↓ -17	Additional		
Vancouver Island	17 (0)	↑ +17	Fraser River	38 (3)	↑ +35
Central Coast	0 (0)	0			
Skagit	N/A (N/A)	N/A ^a			
British Columbia 38 (4) ↑ +34					

^a No snow measurements to calculate a SBI for June 1st, 2024

* Sub-region of the Middle Fraser

Automated Snow Weather Stations (ASWS) provide real-time SWE and snow depth data, recorded at one-hour intervals and summarized at daily time-steps for analysis. Figure 2 shows the percentage of snow stations that fall within a given percentile class over time for 2023-2024. Percentile classes are defined as: well above normal (80th to 100th percentile), above normal (60th to 80th), normal (40th to 60th), below normal (20th to 40th), and well below normal (0th to 20th). Record high and record low are represented by the 100th and 0th percentiles, respectively.

The proportion of ASWS reporting in the 0th to 20th percentile classes have declined from nearly 90% of stations in the middle of April, to approximately 10% of stations by June 15th.

As a comparison, Figure 3 displays the changes in percentile classes at ASWS last year (2022-2023). The snowpack was generally healthier last winter compared to this winter, although record-breaking heat in May 2023 caused rapid melt and unusually early onset of freshet, and a corresponding rapid increase in the proportion of ASWS reporting very low percentiles.

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Figure 2. Snow Water Equivalent Percentiles at Automated Snow Weather Stations (2023-2024)

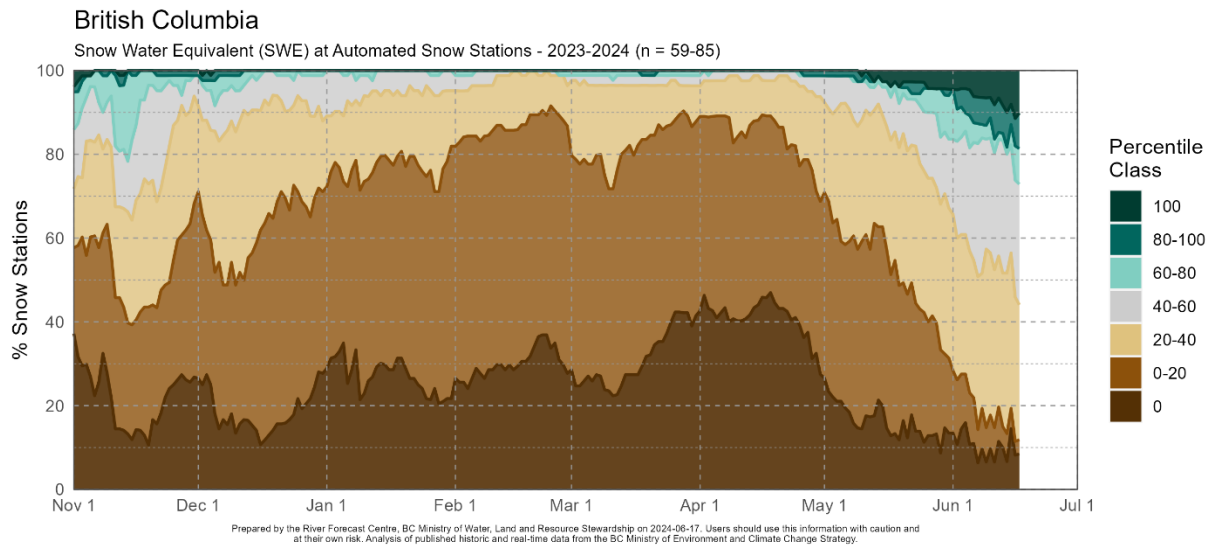
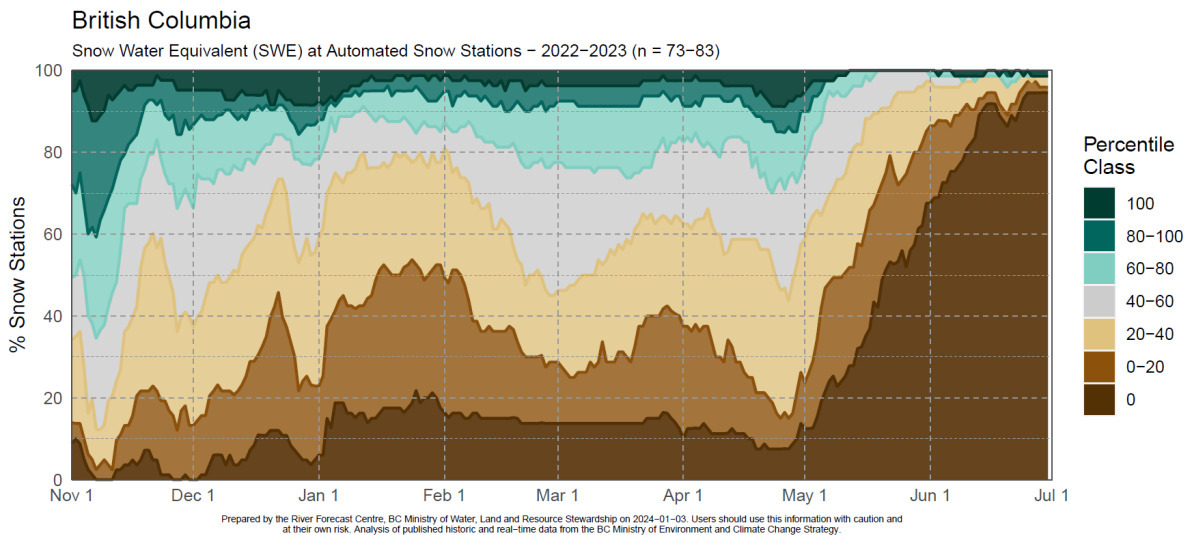


Figure 3. Snow Water Equivalent Percentiles at Automated Snow Weather Stations (2022-2023)



Seasonal Weather Outlook

The Climate Prediction Center (CPC) at the U.S. National Weather Service / NOAA released its final El Niño Advisory (June 13th, 2024) and is forecasting a likely (65% chance) development of La Niña conditions during July-September. La Niña conditions are expected (85% chance) to persist into winter 2024-25. La Niña winters

are often relatively cool and wet, potentially causing delayed snowmelt if cooler temperatures persist into spring months.

Seasonal weather forecasts from Environment and Climate Change Canada (ECCC) continue to indicate a moderate likelihood (40-70%

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chance) of above normal temperatures across almost all of B.C. over the June to August period, except for a relatively narrow band of potentially near normal temperatures along portions of the coast. Seasonal precipitation forecasts generally have much lower confidence than seasonal temperature forecasts (precipitation is substantially more

Flood and Drought Outlook

Seasonal snowmelt flood risk is diminishing across the province. Most rivers have experienced subdued seasonal snowmelt-driven peak flows this year due to overall low seasonal snowpack and favourable weather conditions. Flood risk from extreme rainfall events remains a possibility throughout the B.C. Interior. Eastern and northeastern B.C. are particularly susceptible to extreme precipitation associated with cold upper low systems that are common in June and July; these systems can cause extreme rainfall-driven flooding irrespective of snow cover.

Several factors increased drought hazard this

Summary

By June 15th, typically three-quarters of the annual B.C. snowpack melts. This year, the mountain snowpack melted at generally a seasonal rate.

The upcoming summer continues to have increased drought hazards due to long-term precipitation deficits, low snowpack, and an increased likelihood of warmer than normal

difficult to predict than temperature, particularly over longer time scales); however, current projections for June to August suggest a small likelihood of above normal precipitation along the coast, and a similarly minor likelihood of below normal precipitation in the northeast.

year, including low snowpack, early snowmelt at low elevations, persistent dry conditions and seasonal weather forecasts suggesting above normal seasonal temperatures for most of the province. Favourable cooler weather conditions in May and June have delayed snowmelt at higher elevations.

The causes of drought in B.C. are multifaceted. While snowpack plays an important role in areas, other factors include the rate of snowmelt, spring and summer temperatures, and short- and long-term precipitation. Visit the [B.C. Drought Information Portal](#) for current drought conditions.

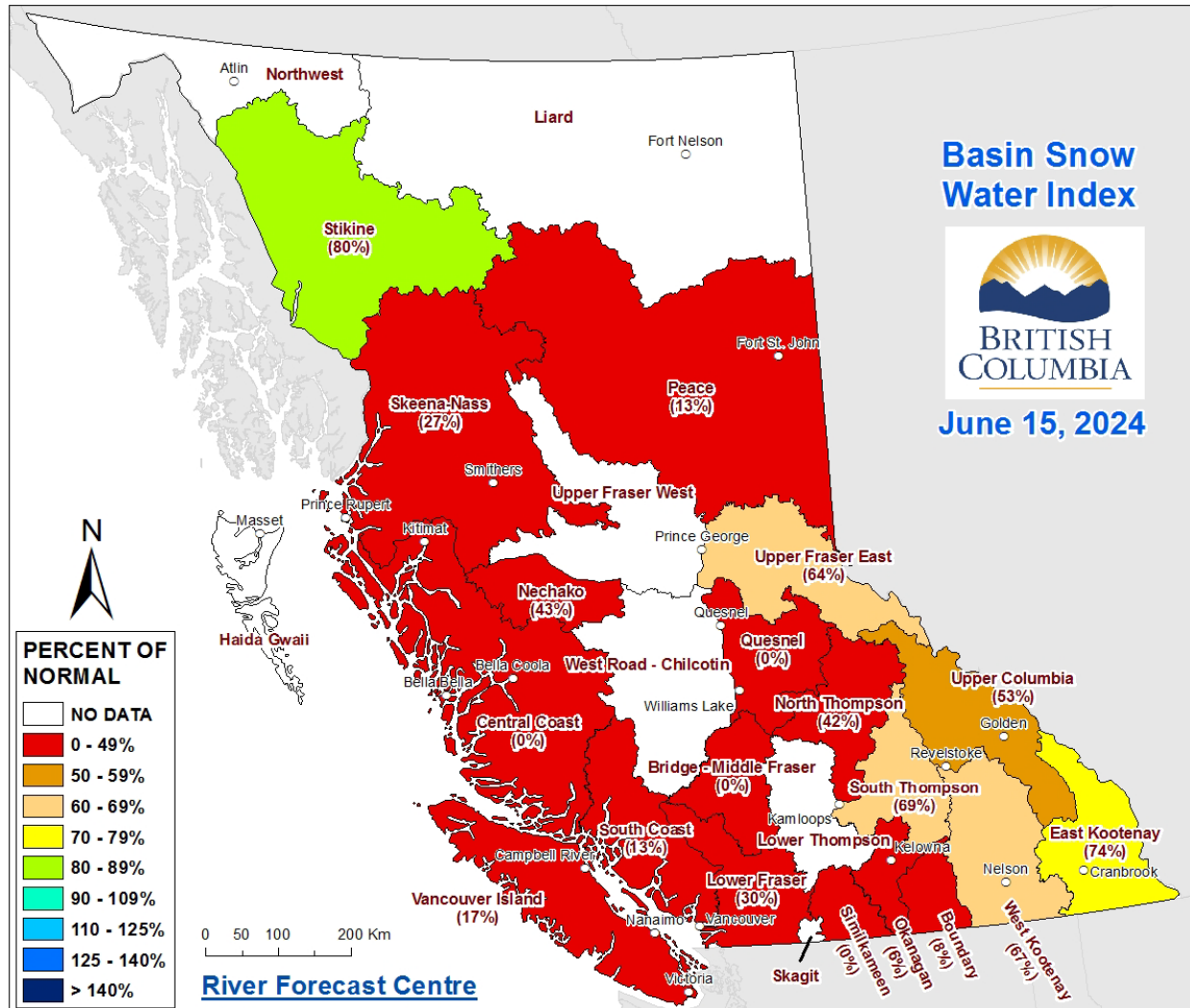
summer weather. Weather will continue to play an important role in summer drought conditions.

This is the final snow bulletin for the 2024 season; the first snow bulletin of the 2025 season will be released in early January 2025. Thank you to all our partners for their contributions to these bulletins.

River Forecast Centre, June 20, 2024

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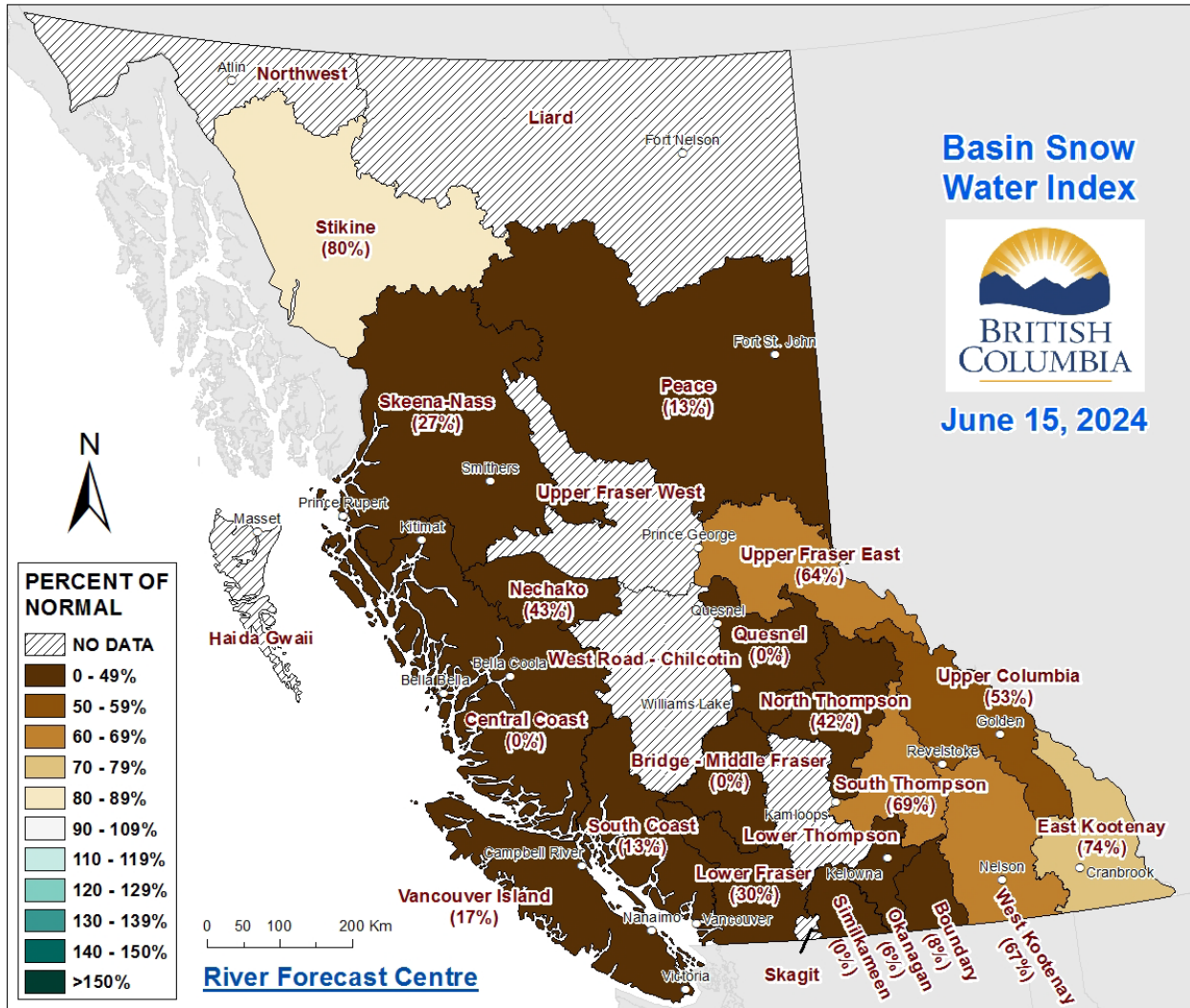
Figure 4: Basin Snow Water Index – June 15th, 2024



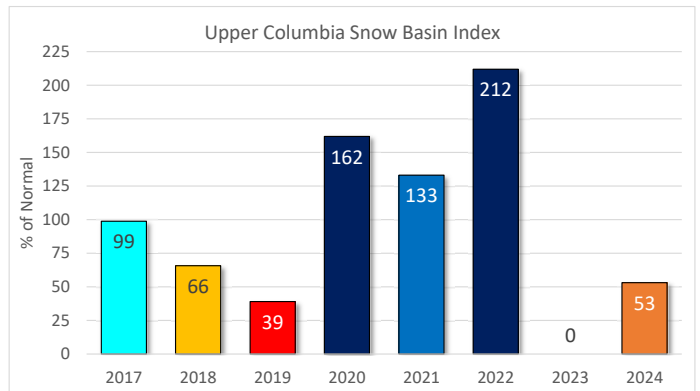
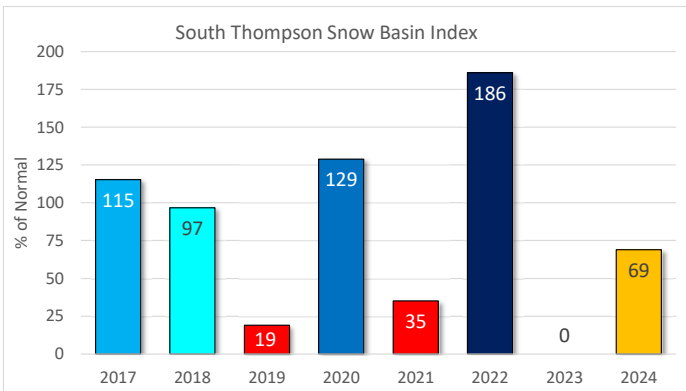
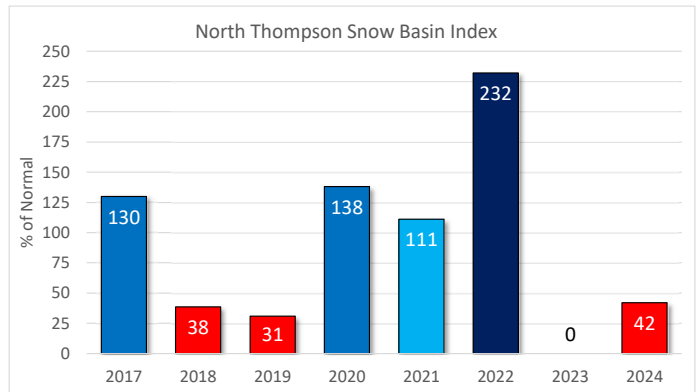
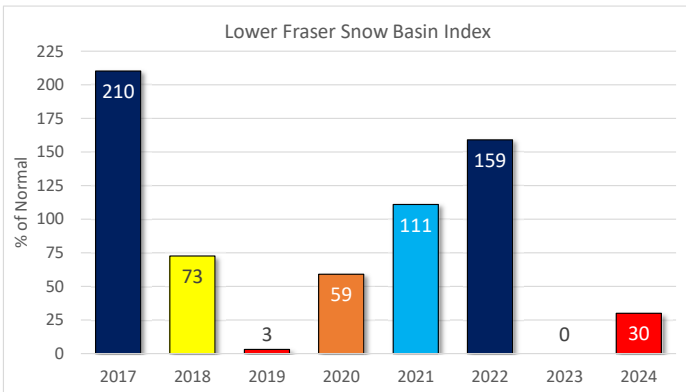
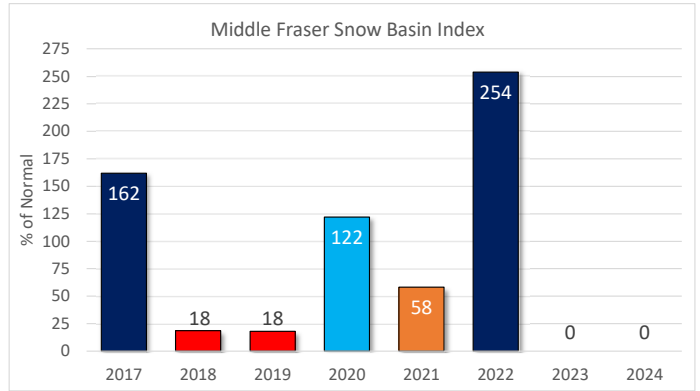
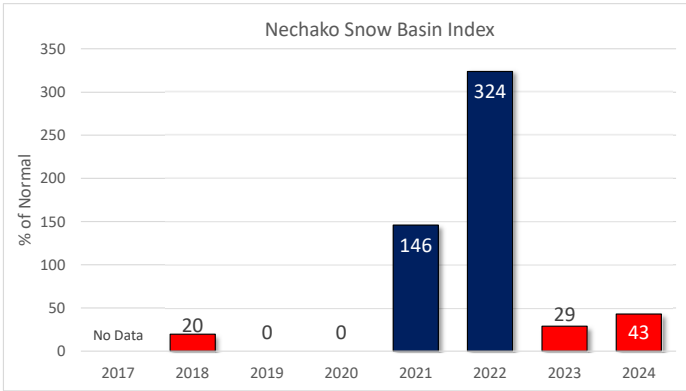
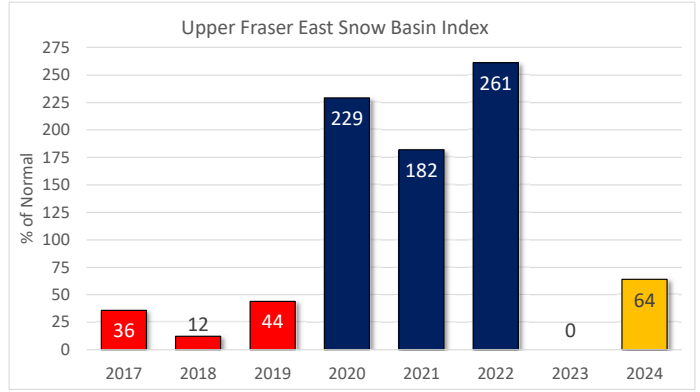
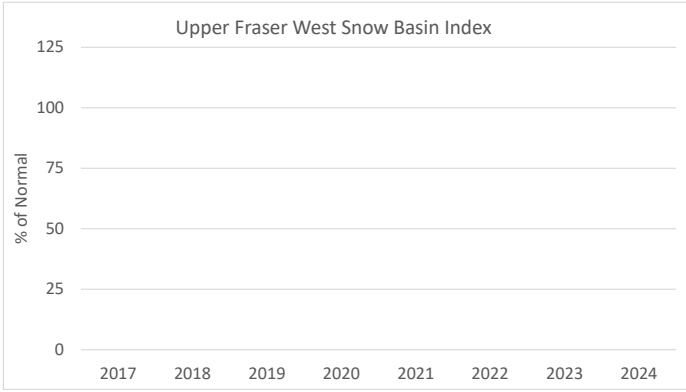
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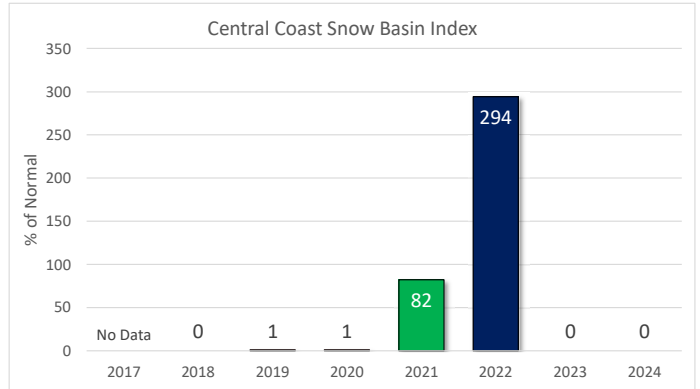
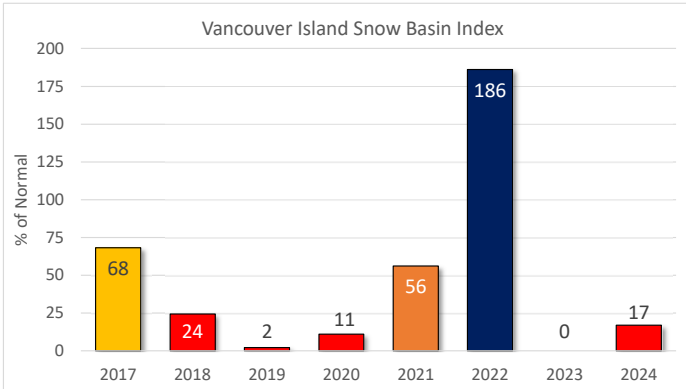
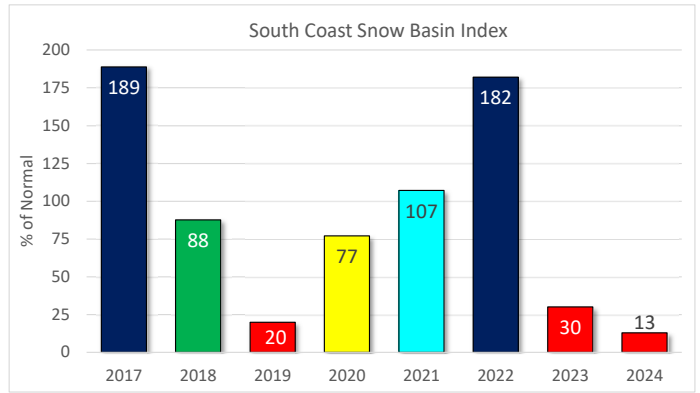
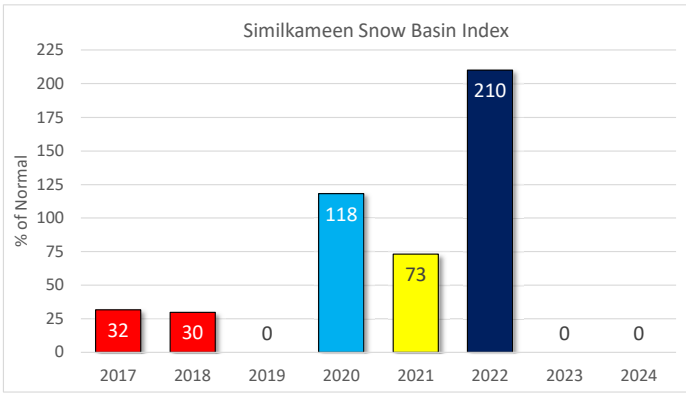
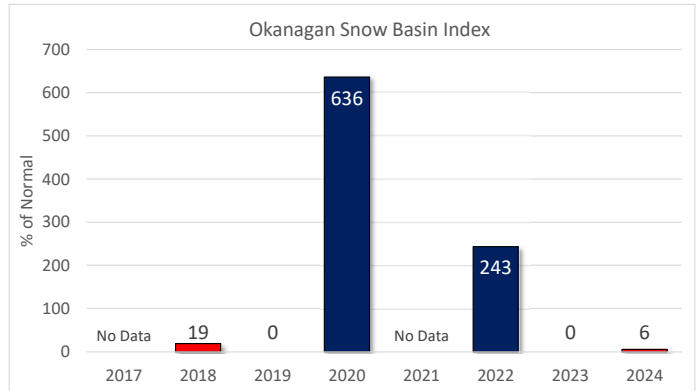
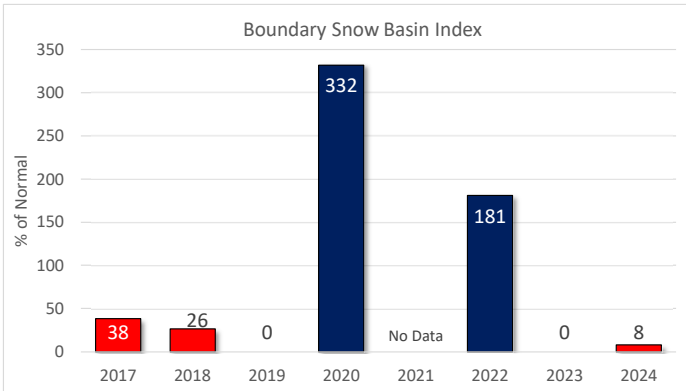
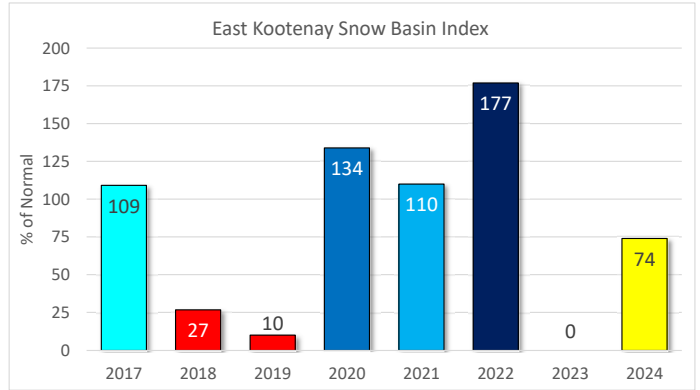
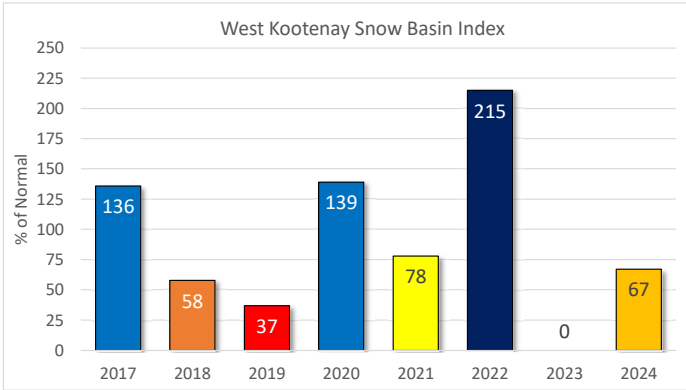
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Figure 5: Basin Snow Water Index – June 15th, 2024 – Colour Friendly

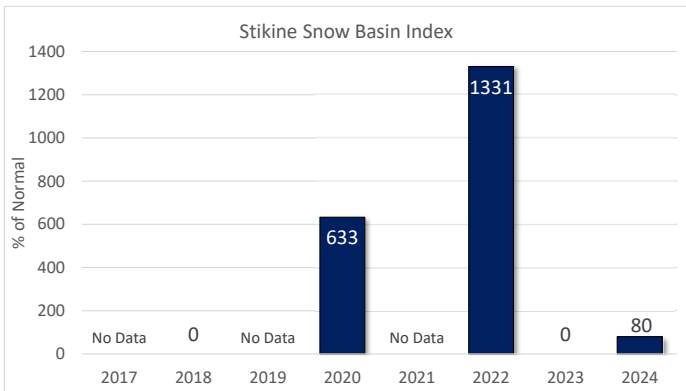
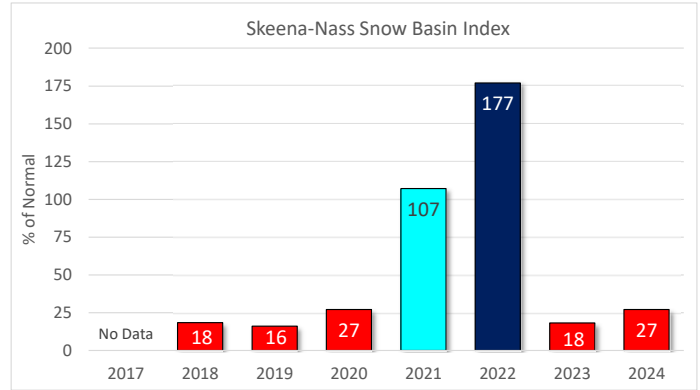
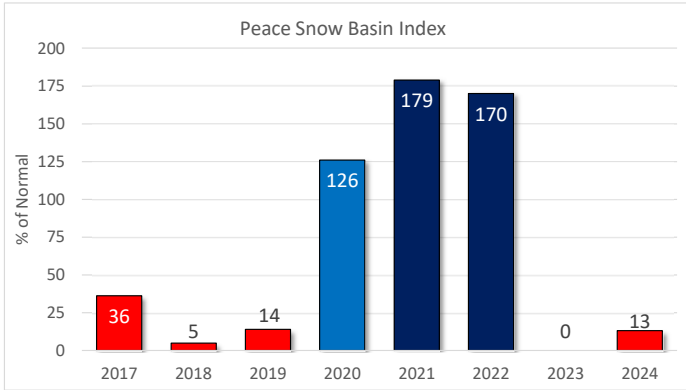


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Snow Basin Index Graphs - June 15, 2024



June 15, 2024 Automated Snow Weather Station / Manual Snow Survey Data

UPPER FRASER EAST			June 15, 2024 Data				June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data							
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1A01P	Yellowhead Lake	1860	2024-06-15	0	0			0%	N/A	0	325	0	70	574	130	24
1A02P	McBride Upper	1611	2024-06-15	0	0			0%	N/A	0	2	0	0	159	13	31
1A03P	Barkerville	1520	2024-06-15	0	0			0%	N/A	0	0	0	0	37	0	44
1A05P	Longworth Upper	1740	2024-06-15	47	439	93		N/A	N/A	0	886	0	145	886	N/A	7
1A06A	HANSARD	608	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1A10	PRINCE GEORGE A	689	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1A11	PACIFIC LAKE	755	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	0	N/A	4
1A14P	Hedrick Lake	1100	2024-06-15	0	0			0%	N/A	0	346	0	9	625	113	24
1A15P	Knudsen Lake	1601	2024-06-15		9			N/A	N/A	0	880	0	99	880	N/A	8
1A17P	Revolution Creek	1690						N/A	N/A	0	829	0	149	901	270	34
1A19P	Dome Mountain	1774	2024-06-15	77	402	52		109%	56	0	831	0	363	901	368	18
			Average	21	121	73		22%	56							

Basin Index Calculation	Average SWE	101
	Average Normal	156
Upper Fraser East Basin Index - June 15, 2024		64%

Stations used in Basin Index:
1A01AP, 1A02P, 1A14P, 1A19P

UPPER FRASER WEST			June 15, 2024 Data				June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data							
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1A12P	Kaza Lake	1257	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	7
1A16	BURNS LAKE	800	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1A23	BIRD CREEK	1180	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
			Average	0	0	N/A		N/A	N/A							

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Upper Fraser West Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

NECHAKO			June 15, 2024 Data				June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data							
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1B01	MOUNT WELLS	1490	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1B01P	Mount Wells	1490	2024-06-15		9			21%	62	0	279	0	3	308	43	31
1B02	TAHTSA LAKE	1300	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1B02P	Tahtsa Lake	1300	2024-06-15		280			51%	29	195	730	0	479	1881	547	30
1B05	SKINS LAKE	890	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1B06	MOUNT SWANNELL	1620	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1B07	NUTLI LAKE	1490	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1B08P	Mt. Pondosy	1400	2024-06-15		0			0%	N/A	0	130	0	0	497	83	27
			Average	N/A	96	N/A		24%	46							

Basin Index Calculation	Average SWE	96
	Average Normal	225
Nechako Basin Index - June 15, 2024		43%

Stations used in Basin Index:
1B01P, 1B02P, 1B08P

LOWER THOMPSON			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data					
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1C01	BROOKMERE	994	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
1C06	PAVILION	1230	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C09A	HIGHLAND VALLEY	1510	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C25	LAC LE JEUNE (UPPER)	1509	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C29	SHOVELNOSE MOUNTAIN	1450	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C29P	Shovelnose Mountain	1460	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	5
1C32P	Deadman River	1460	2024-06-15	0	0			N/A	N/A	0					N/A	1
1C42	CAVERHILL LAKE NEW	1400	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C44P	Paradise Lake	1640	2024-06-15	0	0			N/A	N/A						N/A	0
1C45P	July Mountain	1860	2024-06-15	20	150	75		N/A	N/A						N/A	0
			Average		5	38	75		N/A	N/A						

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Lower Thompson Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

BRIDGE / LILLOOET			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data					
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1C05P	McGillivray Pass	1718	2024-06-15		0			N/A	N/A	0	45	0	0	45	N/A	6
1C05	MCGILLIVRAY PASS	1725	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
1C12P	Green Mountain	1780	2024-06-15		0			0%	N/A	0	425	0	93	887	235	30
1C14	BRALORNE	1389	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
1C14P	Bralorne	1382	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	6
1C18P	Mission Ridge	1850	2024-06-15		0			0%	N/A	0	76	0	0	387	12	47
1C28	DUFFEY LAKE	1200	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C37	BRALORNE (UPPER)	1981	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
1C38	DOWNTON LAKE UPPPER	1884	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
1C38P	Downton Lake Upper	1829	2024-06-15		277			N/A	N/A	0	859	0	268	859	N/A	8
1C39	BRIDGE GLACIER (LOWER)	1390	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C40P	North Tyaughton	1969	2024-06-15		0			N/A	N/A	0	205	0	0	205	N/A	8
1C43P	Bridge Glacier Proglacial Lake	1505	2024-06-15		0			N/A	N/A	0		0		0	N/A	1
			Average		0	40	N/A		0% N/A							

Basin Index Calculation	Average SWE	0
	Average Normal	123
Bridge/Lillooet Basin Index - June 15, 2024		0%

Stations used in Basin Index:
1C12P, 1C18P

CHILCOTIN			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data					
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
1C21	BIG CREEK	1140	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C22	PUNTZI MOUNTAIN	940	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1C22AP	Puntzi Mountain	920	2024-06-15	0	0			N/A	N/A						N/A	0
			Average		0	0	N/A		N/A	N/A						

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Chilcotin Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

QUESNEL			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)		
1C17	MOUNT TIMOTHY	1660	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	140	N/A	5	
1C17P	Mount Timothy	1630						N/A	N/A						N/A	0	
1C20P	Boss Mountain Mine	1460						N/A	N/A	0	0	0	0	83	7	30	
1C23	PENFOLD CREEK	1685	NS	NS	NS	NS	NS	N/A	N/A	NS	N	631	671	952	N/A	5	
1C23P	Penfold Creek	1740	2024-06-15	80	205	26		N/A	N/A	0		0	0	0	N/A	1	
1C33A	GRANITE MOUNTAIN	1150	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0	
1C41P	Yanks Peak East	1670	2024-06-15	0	0			0%	N/A	0	696	0	162	698	217	27	
			Average	40	103	26		0%	#DIV/0!								

Basin Index Calculation	Average SWE	0
	Average Normal	217
Quesnel Basin Index - June 15, 2024		0%

Stations used in Basin Index:
1C41P

MIDDLE FRASER

Basin Index Calculation	Average SWE	0
	Average Normal	155
Middle River Basin Index - June 15, 2024		0%

Stations used in Basin Index:
1C12P, 1C18P, 1C41P

LOWER FRASER			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)		
1D06P	Tenquille Lake	1680	2024-06-15	38	173	46		44%	35	0	960	0	334	1173	396	23	
1D08	STAVE LAKE	1250	NS	NS	NS	NS	NS	N/A	N/A	NS	N	2040	2040	2040	N/A	1	
1D08P	Lamont Creek Upper	1217	2024-06-15	0	0			N/A	N/A	0	876	0	697	876	N/A	3	
1D09P	Wahleach Lake Upper	1480	2024-06-15		325			71%	47	0	670	0	367	1281	458	30	
1D10	NAHATLATCH RIVER	1550	NS	NS	NS	NS	NS	N/A	N/A	NS	N	697		2256	N/A	2	
1D16	DICKSON LAKE	1160	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0	
1D16P	Dickson Lake	1155	2024-06-15	3	179	595		N/A	N/A						N/A	0	
1D17P	Chilliwack River	1600	2024-06-15	62	466	75		57%	30	0	1245	0	790	2022	825	27	
1D18	Disappointment Lake	1050	2024-06-13	0	0		NS	0%	N/A	NS	1248	0	729	1880	787	14	
1D19P	Spuzzum	1180	2024-06-15	0	0			0%	N/A	0	1000	0	763	2320	762	25	
			Average	17	163	239		34%	37								

Basin Index Calculation	Average SWE	193
	Average Normal	645
Lower Fraser Basin Index - June 15, 2024		30%

Stations used in Basin Index:
1D06P, 1D09P, 1D17P, 1D18, 1D19P

NORTH THOMPSON			June 15, 2024 Data						June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)		
1E01B	BLUE RIVER	670	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0	
1E02P	Mount Cook	1550	2024-06-15	61	469	77		63%	29	0		0	691	1771	746	19	
1E03A	TROPHY MOUNTAIN	1860	NS	NS	NS	NS	NS	N/A	N/A	NS	N	800		800	N/A	1	
1E03AP	TROPHY MOUNTAIN	1880	2024-06-15	43	204	47		N/A	N/A						N/A	0	
1E07	ADAMS RIVER	1720	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	233	1046	330	21	
1E08P	Azure River	1652	2024-06-15	22	216	98		45%	26	0	1106	0	487	1500	485	26	
1E10P	Kostal Lake	1770	2024-06-15		0			0%	N/A	0	942	0	355	1248	375	39	
1E14P	Cook Creek	1280	2024-06-15	0	0			0%	N/A	0	0	0	0	89	8	15	
			Average	32	178	74		27%	28								

Basin Index Calculation	Average SWE	171
	Average Normal	403
North Thompson Basin Index - June 15, 2024		42%

Stations used in Basin Index:
1E02P, 1E08P, 1E10P, 1E14P

SOUTH THOMPSON			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
1F01A	ABERDEEN LAKE	1310	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1F02	ANGLEMONT	1190	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
1F03P	Park Mountain	1890	2024-06-15	36	354	98		77%	50	0	629	0	352	1045	458	39
1F04P	Enderby	1950	2024-06-15	126	808	64		N/A	N/A	282	1007	55	584	1007	N/A	7
1F06P	Celista Mountain	1500	2024-06-15	21	86	41		48%	47	0	557	0	143	557	179	17
			Average	61	416	68		63%	48							

Basin Index Calculation	Average SWE	220
	Average Normal	318
South Thompson Basin Index - June 15, 2024		69%

Stations used in Basin Index:
1F03P, 1F06P

FRASER RIVER

Basin Index Calculation	Average SWE	126
	Average Normal	329
Fraser River Basin Index - June 15, 2024		38%

Stations used in Basin Index:
1A01AP, 1A02P, 1A14P, 1A19P, 1B01P, 1B02P, 1B08P, 1C12P, 1C18P, 1C41P, 1D06P, 1D09P, 1D17P, 1D18, 1D19P, 1E02P, 1E08P, 1E10P, 1E14P, 1F03P, 1F06P

UPPER COLUMBIA			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
2A02	GLACIER	1250	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	47	462	N/A	24
2A03A	FIELD	1285	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2A06P	Mount Revelstoke	1850	2024-06-15		350			55%	22	0	1060	0	614	1737	636	30
2A07	KICKING HORSE	1650	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	30	N/A	4
2A11	BEAVERFOOT	1890	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2A14	MOUNT ABBOT	2010	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	1016	1979	N/A	14
2A16	GOLDSTREAM	1920	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2A17	FIDELITY MOUNTAIN	1870	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	875	1603	N/A	25
2A18P	Keystone Creek	1840	2024-06-15		182			N/A	N/A	0	617	0	286	617	N/A	9
2A19	VERMONT CREEK	1520	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2A21P	Molson Creek	1935	2024-06-15	55	261	47		50%	18	0	1105	0	563	1136	521	41
2A23	Bush River	1920	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
2A25	KIRBYVILLE LAKE	1750	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2A27	DOWNIE SLIDE (LOWER)	980	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0		0	N/A	1
2A29	DOWNIE SLIDE (UPPER)	1630	NS	NS	NS	NS	NS	N/A	N/A	NS	N	523		540	N/A	2
2A30P	Colpitti Creek	2131	2024-06-15	41	196	48		N/A	68	0	758	0	0	758	N/A	15
2A31P	Caribou Creek Upper	2201	2024-06-15		285			N/A	N/A	0	861	0	355	861	N/A	9
2A32P	Wildcat Creek	2122	2024-06-15		224			N/A	N/A	0	621	0	177	621	N/A	9
2A34P	Glacier NP Rogers Pass Lower	1182	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	2
2A35P	Fred Laing Lower	577	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	1
			Average	24	187	48		53%	36							

Basin Index Calculation	Average SWE	306
	Average Normal	579
Upper Columbia Basin Index - June 15, 2024		53%

Stations used in Basin Index:
2A06P, 2A21P

WEST KOOTENAY			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
2B02A	FARRON	1220	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2B05	WHATSHAN (UPPER)	1525	NS	NS	NS	NS	NS	N/A	N/A	NS	N	18		18	N/A	1
2B06P	Barnes Creek	1620	2024-06-15		0			0%	N/A	0	0	0	0	210	15	31
2B07	KOCH CREEK	1860	NS	NS	NS	NS	NS	N/A	N/A	NS	N	630		630	N/A	1
2B08P	St. Leon Creek	1800	2024-06-15		288			57%	36	0	1354	0	478	1354	505	30
2B09	RECORD MOUNTAIN	1890	2024-06-14		0			0%	N/A	0	222	0	0	949	109	35
2D02	FERGUSON	929	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	61	N/A	3
2D03	SANDON	1070	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2D04	NELSON	930	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2D05	GRAY CREEK (LOWER)	1550	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	282	N/A	19
2D06	CHAR CREEK	1310	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	20	106	N/A	7
2D07A	DUNCAN LAKE NO. 2	630	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2D07AP	Duncan Lake Dam 2	559	2024-06-15		0			N/A	N/A	0	0	0	0	6	N/A	4
2D08P	East Creek	2030	2024-06-15		308			69%	41	0	930	0	399	1135	448	40
2D09	MOUNT TEMPLEMAN	1860	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2D10	GRAY CREEK (UPPER)	1940	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	144	825	361	16
2D10P	GRAY CREEK (UPPER)	1930	2024-06-15		9	132	147	N/A	N/A	0		0		0	N/A	2
2D14P	Redfish Creek	2104	2024-06-15		110	738	67	80%	40	0	1793	0	874	1793	925	22
2D17	Lost Ledge	2050	NS	NS	NS	NS	NS	N/A	N/A	NS	N					0
2D18	Purcell	2060	NS	NS	NS	NS	NS	N/A	N/A	NS	N					0
			Average	40	209	107		41%	39							

Basin Index Calculation	Average SWE	267
	Average Normal	400
West Kootenay Basin Index - June 15, 2024		67%

Stations used in Basin Index:
2B06P, 2B08P, 2B09, 2D08P, 2D14P

EAST KOOTENAY			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
2C01	SINCLAIR PASS	1370	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2C04	SULLIVAN MINE	1550	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0		0	N/A	1
2C09Q	Morrissey Ridge	1860	2024-06-15		4			10%	68	0	0	0	0	454	40	39
2C10P	Moyie Mountain	1930	2024-06-15		0			0%	N/A	0	18	0	0	59	4	44
2C11	KIMBERLY UPPER	2140	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2C12	KIMBERLY MIDDLE	1680	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2C14P	Floe Lake	2090	2024-06-15		86	280	33	82%	37	0	666	0	375	821	341	29
2C15	MOUNT ASSINIBOINE	2230	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2C17	THUNDER CREEK	2010	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
			Average	43	95	33		31%	53							

Basin Index Calculation	Average SWE	95
	Average Normal	129
East Kootenay Basin Index - June 15, 2024		74%

Stations used in Basin Index:
2C09Q, 2C10P, 2C14P

BOUNDARY			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
2E01	MONASHEE PASS	1370	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	2
2E02	CARMI	1250	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2E03	BIG WHITE MOUNTAIN	1680	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	356	35	21
2E07P	Grano Creek	1860	2024-06-15		5	8	16	8%	36	0	173	0	13	502	96	26

Average	5	8	16	8%	36
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Basin Index Calculation	Average SWE	8
	Average Normal	96
Boundary Basin Index - June 15, 2024		8%

Stations used in Basin Index:
2E07P

OKANAGAN			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
2F01A	TROUT CREEK (West)	1430	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F01AP	Trout Creek West	1420	2024-06-15	0	0			N/A	N/A	0	0	0	0	9	N/A	6
2F02	SUMMERLAND RESERVOIR	1280	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0		0	N/A	1
2F03	MCCULLOCH	1280	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F04	GRAYSTOKE LAKE	1840	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F05P	Mission Creek	1780	2024-06-15	31	5	2		6%	56	0	210	0	0	383	85	53
2F07	POSTILL LAKE	1370	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F08	GREYBACK RESERVOIR	1550	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0		0	N/A	1
2F08P	Greyback Reservoir	1550	2024-06-15	0	5			N/A	N/A	0	4	0	0	4	N/A	7
2F09	WHITEROCKS MOUNTAIN	1830	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	533	21	20
2F09P	Whiterocks Mountain	1800	2024-06-15	0	0			N/A	N/A	0		0		0	N/A	1
2F10	Silver Star Mountain	1840	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	109	747	210	33
2F10P	Silver Star Mountain	1839	2024-06-15	19	23			N/A	N/A	0	560	0	280	560	N/A	7
2F11	ISINTOK LAKE	1680	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	0	N/A	3
2F12	MOUNT KOBAN	1810	NS	NS	NS	NS	NS	N/A	N/A	NS	0	0	5	301	N/A	8
2F13	ESPERON CR (UPPER)	1650	NS	NS	NS	NS	NS	N/A	N/A	NS	N	104		104	N/A	1
2F14	ESPERON CR (MIDDLE)	1430	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0		0	N/A	1
2F18P	Brenda Mine	1460	2024-06-15		0			0%	N/A	0	0	0	0	8	1	28
2F19	OYAMA LAKE	1340	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F19P	OYAMA LAKE	1360	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	3
2F20	VASEUX CREEK	1400	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F23	MACDONALD LAKE	1740	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
2F24	ISLAHT LAKE	1480	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
Average				8	5	2		3%	56							

Basin Index Calculation	Average SWE	5
	Average Normal	85
Okanagan Basin Index - June 15, 2024		6%

Stations used in Basin Index:
2F05P

SIMILKAMEEN			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
2G03P	Blackwall Peak	1940	2024-06-15		0			0%	N/A	0	463	0	72	1031	220	56
2G04	LOST HORSE MOUNTAIN	1920	NS	NS	NS	NS	NS	N/A	N/A	NS	6	0	3	178	N/A	14
2G05	MISSEZULA MOUNTAIN	1550	NS	NS	NS	NS	NS	N/A	N/A	NS	0	0		0	N/A	1
2G06	HAMILTON HILL	1490	NS	NS	NS	NS	NS	N/A	N/A	NS	0	0		0	N/A	1
Average				#DIV/0!	0	#DIV/0!		0%	#DIV/0!							

Basin Index Calculation	Average SWE	0
	Average Normal	220
Similkameen Basin Index - June 15, 2024		0%

Stations used in Basin Index:
2G03P

SOUTH COAST			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
3A01	GROUSE MOUNTAIN	1100	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3A02	POWELL RIVER (UPPER)	1040	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3A05	POWELL RIVER (LOWER)	910	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3A09	PALISADE LAKE	880	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
3A09P	Palisade Lake	900	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	6
3A10	DOG MOUNTAIN	1080	2024-06-13	0	0			0%	N/A	139	708	0	298	2088	439	36
3A19	ORCHID LAKE	1190	NS	NS	NS	NS	NS	N/A	N/A	NS	1570	0	885	1910	807	38
3A20	CALLAGHAN CREEK	1040	NS	NS	NS	NS	NS	N/A	N/A	NS	N	0	0	0	N/A	8
3A20P	Callaghan	1017	2024-06-15	0	0			N/A	N/A	0	9	0	9	88	N/A	5
3A22P	Nostetuko River	1500	2024-06-15	0	0			0%	N/A	0	0	0	0	273	24	33
3A24P	Mosley Creek Upper	1650	2024-06-15	0	0			0%	N/A	0	0	0	0	2	0	35
3A25P	Squamish River Upper	1340	2024-06-15	47	162	34		21%	5			0	703	2505	764	28
3A26	CHAPMAN CREEK	1022	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3A27	EDWARDS LAKE	1070	NS	NS	NS	NS	NS	N/A	N/A	NS	645	645		645	N/A	1
3A28P	Tetrahedron	1420	2024-06-15	155	783	51		N/A	N/A	752	1442	357	956	1442	N/A	6
			Average	29	135	42		5%	5							

Basin Index Calculation	Average SWE	54
	Average Normal	409
South Coast Basin Index - June 15, 2024		13%

Stations used in Basin Index:
3A10, 3A22P, 3A25P

VANCOUVER ISLAND			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
3B01	FORBIDDEN PLATEAU	1100	NS	NS	NS	NS	NS	N/A	N/A	NS	N	249	942	2149	N/A	10
3B02A	MOUNT COKELY	1190	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3B04	ELK RIVER	270	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3B10	UPPER THELWOOD LAKE	990	NS	NS	NS	NS	NS	N/A	N/A	NS	N	551	1252	2413	N/A	4
3B17P	Wolf River Upper	1490	2024-06-15		144			25%	33	0	946	0	298	2400	571	35
3B18	WOLF RIVER (MIDDLE)	990	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3B19	WOLF RIVER (LOWER)	640	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3B23P	Jump Creek	1160	2024-06-15	0	0			0%	N/A	0	674	0	8	2700	300	28
3B24P	Heather Mountain Upper	1190	2024-06-15	0	0			N/A	N/A	0	1179	0	403	1296	N/A	8
3B26P	Mount Arrowsmith	1465	2024-06-15	0	0			N/A	N/A	0	858	0	153	858	N/A	6
			Average	0	36	N/A		13%	33							

Basin Index Calculation	Average SWE	72
	Average Normal	436
Vancouver Island Basin Index - June 15, 2024		17%

Stations used in Basin Index:
3B17P, 3B23P

CENTRAL COAST			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
3C07	WEDEENE RIVER SOUTH	220	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3C08P	Burnt Bridge Creek	1330	2024-06-15	0	0			0%	N/A	0	271	0	1	720	92	25
			Average	0	0	N/A		0%	N/A							

Basin Index Calculation	Average SWE	0
	Average Normal	92
Central Coast Basin Index - June 15, 2024		0%

Stations used in Basin Index:
3C08P

SKAGIT			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
3D01C	SUMALLO RIVER WEST	790	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3D02	LIGHTNING LAKE	1220	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
3D03A	KLESILKWA	1175	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
			Average	N/A	N/A	N/A		N/A	N/A							

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Skagit Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

PEACE			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	Years of Record
4A02P	Pine Pass	1400	2024-06-15	42	51	12		14%	22	0	661	0	322	1114	374	31
4A03	WARE (UPPER)	1575	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
4A03P	Ware Upper	1565	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	7
4A04	WARE (LOWER)	970	NS	NS	NS	NS	NS	N/A	N/A	NS	NS				N/A	0
4A04P	Ware Lower	971	2024-06-15	0	0			N/A	N/A	0	0	0	0	1	N/A	7
4A05	GERMANSEN (UPPER)	1480	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A07	LADY LAURIER LAKE	1440	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A09P	Pulpit Lake	1311	2024-06-15	0	0			0%	N/A	0	0	0	0	2	0	33
4A10	FREDRICKSON LAKE	1325	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A10P	Fredrickson Lake	1326	2024-06-15	0	0			N/A	N/A						N/A	0
4A11	TRYGVE LAKE	1410	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A12	TSAYDAYCHI LAKE	1190	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A12P	Tsaydaychi Lake	1195	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	3
4A13	PHILIP LAKE	1035	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A13P	Philip Lake	1028	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	4
4A16	MORFEE MOUNTAIN	1430	NS	NS	NS	NS	NS	N/A	N/A	NS	N	592		592	N/A	1
4A18	MOUNT SHEBA	1490	NS	NS	NS	NS	NS	N/A	N/A	NS	N	922		922	N/A	1
4A18P	MOUNT SHEBA	1484	2024-06-15	70	402	57		N/A	N/A		822	380	791	822	N/A	4
4A20	MONKMAN CREEK	1570	NS	NS	NS	NS	NS	N/A	N/A	NS	NS	599		599	N/A	1
4A20P	Monkman Creek	1570	2024-06-15		0			N/A	N/A	0	211	0	5	211	N/A	5
4A21	MOUNT STEARNS	1505	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A25	FORT ST. JOHN A	690	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4A27P	Kwadacha North	1554	2024-06-15	0	0			0%	N/A	0	0	0	0	225	13	32
4A30P	Aiken Lake	1050	2024-06-15	0	0			0%	N/A	0	0	0	0	14	2	36
4A31P	Crying Girl Prairie	1358	2024-06-15	5	16	32		N/A	N/A	0	0	0	0	1	N/A	9
4A33P	Muskwa-Kechika	1196	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	8
4A34P	Dowling Creek	1456	2024-06-15		14			N/A	N/A	0	224	0	0	224	N/A	5
4A36P	Parsnip Upper	790	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	5
4A37P	McQue Terrace	1200	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	4
4A38P	Horn Creek	1450	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	1
4A39P	Chowade Upper	1480	2024-06-15	2	12	59		N/A	N/A						N/A	0
			Average	7	27	40		3%	22							

Basin Index Calculation	Average SWE	13
	Average Normal	97
Peace Basin Index - June 15, 2024		13%

Stations used in Basin Index:
4A02P, 4A09P, 4A27P, 4A30P

SKEENA-NASS			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
4B01	KIDPRICE LAKE	1370	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B02	JOHANSON LAKE	1420	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B02P	Johanson Lake	1467	2024-06-15	0	0			N/A	N/A	0		0		0	N/A	1
4B03A	HUDSON BAY MTN.	1480	2024-06-14	0	0			0%	N/A	0	125	0	28	673	90	40
4B04	CHAPMAN LAKE	1460	NS	NS	NS	NS	NS	N/A	N/A	NS	90	0		90	N/A	2
4B06	TACHEK CREEK	1140	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B07	MCKENDRICK CREEK	1050	NS	NS	NS	NS	NS	N/A	N/A	NS	0				N/A	0
4B08	MOUNT CRONIN	1480	NS	NS	NS	NS	NS	N/A	N/A	NS	315	315	628	742	N/A	6
4B11A	BEAR PASS	460	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B13A	TERRACE AIRPORT	180	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B14	EQUITY MINE	1420	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B15	LU LAKE	1300	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4B15P	Lu Lake	1300	2024-06-15	0	0			0%	N/A	0	0	0	0	14	3	26
4B16P	Shedin Creek	1480	2024-06-15		3			1%	20	0	460	0	114	905	254	26
4B17P	Tsai Creek	1360	2024-06-15	40	238	60		44%	35	165	1012	0	385	1778	545	26
4B18P	Cedar-Kiteen	885	2024-06-15	0	0			0%	N/A	0	4	0	0	125	14	23
Average				8	40	60		9%	27							

Basin Index Calculation	Average SWE	48
	Average Normal	181
Skeena-Nass Basin Index - June 15, 2024		27%

Stations used in Basin Index:
4B03A, 4B15P, 4B16P, 4B17P, 4B18P

LIARD			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
4C01P	Sikanni Lake	1387	2024-06-15	0	0			N/A	N/A	0	0	0	0	0	N/A	6
4C01	SIKANNI LAKE	1385	NS	NS	NS	NS	NS	N/A	N/A						N/A	0
4C02	SUMMIT LAKE	1280	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4C05	FORT NELSON AIRPORT	380	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4C20P	Sierra Climate	572	2024-06-15	0	0			N/A	N/A	0		0	0	0	N/A	5
4C21P	Two Island Climate	708	2024-06-15	0	0			N/A	N/A	0		0	0	0	N/A	5
Average				0	0	N/A		N/A	N/A							

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Liard Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

STIKINE			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data						
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density %	Code	SWE % of Normal (1991-2020)	Percentile of Historic Record	2023	2022	Minimum	Median	Maximum	1991-2020	Years of Record
										SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	SWE (mm)	Normal SWE (mm)	
4D10P	Tumeka Creek	1220	2024-06-15		6			80%	74	0	120	0	0	140	8	24
4D11P	Kinaskan Lake	1020	2024-06-15	0				N/A	N/A	0	0	0	0	15	1	28
4D16P	Forrest Kerr Mid Elevation Snow	1192	2024-06-15		479			N/A	N/A	252	709	0	155	709	N/A	8
4D17P	Forrest Kerr High Elevation Snow	1622	2024-06-15		1528			N/A	N/A	1063	1865	535	1017	1865	N/A	8
Average				0	671	N/A		80%	74							

Basin Index Calculation	Average SWE	6
	Average Normal	8
Stikine Basin Index - June 15, 2024		80%

Stations used in Basin Index:
4D10P

NORTHWEST			June 15, 2024 Data					June 15, 2024 Statistics		Historic Snow Water Equivalent (SWE) Data							
Station ID	Name	Elevation (masl)	YYYY-MM-DD	Snow Depth (cm)	SWE (mm)	Density		SWE % of Normal (1991-2020)	Percentile of Historic Record	2023 SWE (mm)	2022 SWE (mm)	Minimum SWE (mm)	Median SWE (mm)	Maximum SWE (mm)	1991-2020 Normal SWE (mm)	Years of Record	
						%	Code										
4E01	LOG CABIN	900	NS	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
4E01P	Log Cabin	890	2024-06-15		43				N/A	N/A						N/A	0
4E02B	ATLIN LAKE	730	NS	NS	NS	NS	NS	NS	N/A	N/A	NS	N				N/A	0
			Average	N/A	43	N/A			N/A	N/A							

Basin Index Calculation	Average SWE	N/A
	Average Normal	N/A
Northwest Basin Index - June 15, 2024		N/A

Stations used in Basin Index:
N/A

BRITISH COLUMBIA

Basin Index Calculation	Average SWE	106
	Average Normal	277
British Columbia Basin Index - June 15, 2024		38%

Stations used in Basin Index:
All stations with measurements in B.C.

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