

# Snow Bulletin Figures and Tables

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## Snow Index Table

Bar graph of current SBI values

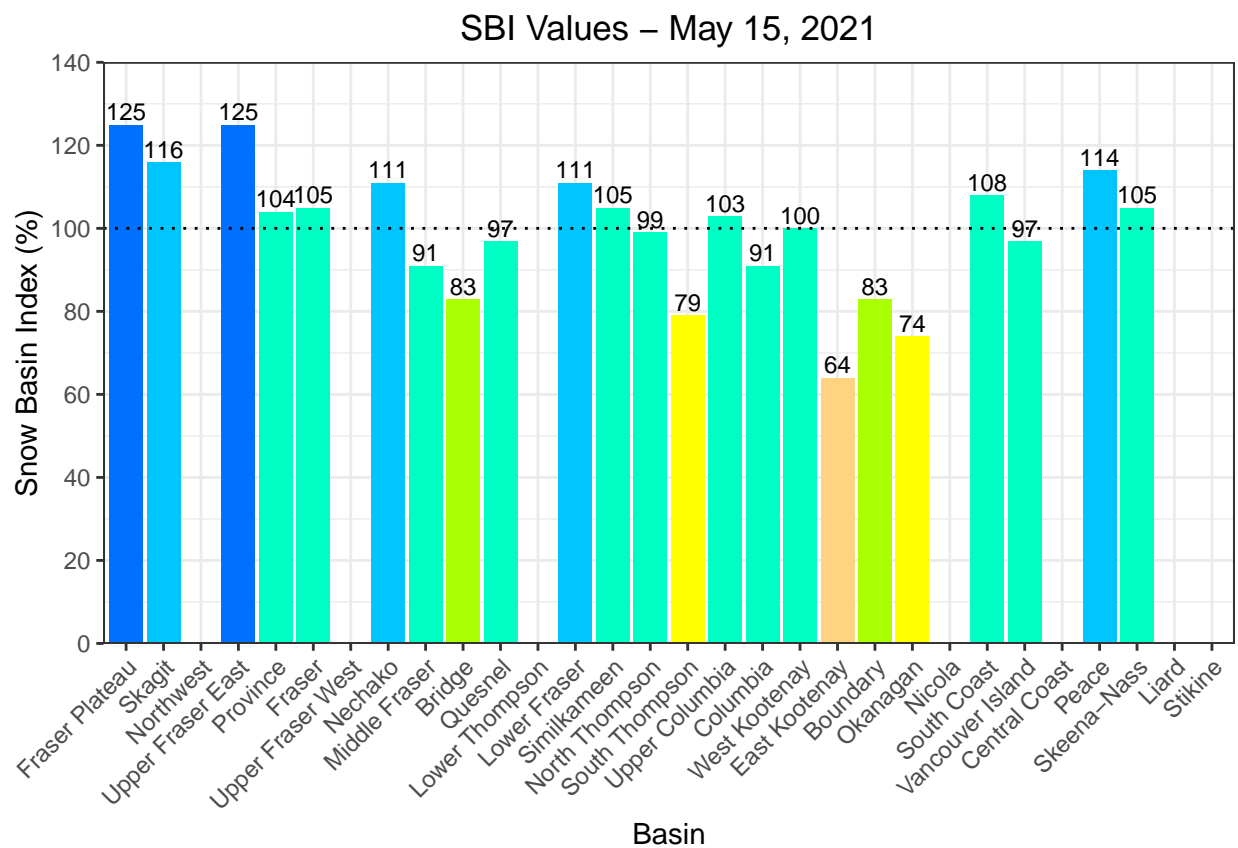


Table 1: SBI Values: May 15, 2021

basin	SBI (%)
Fraser Plateau	125
Skagit	116
Northwest	197
Upper Fraser East	125
Province	104
Fraser	105
Upper Fraser West	NA
Nechako	111
Middle Fraser	91
Bridge	83
Quesnel	97
Lower Thompson	NA
Lower Fraser	111
Similkameen	105
North Thompson	99
South Thompson	79
Upper Columbia	103
Columbia	91
West Kootenay	100
East Kootenay	64
Boundary	83
Okanagan	74
Nicola	NA
South Coast	108
Vancouver Island	97
Central Coast	142
Peace	114
Skeena-Nass	105
Liard	NA
Stikine	153

## Table of statistics for sites used within the SBI calculation

Table 2: Fraser Plateau

Station ID	Station Name	Station Type	Elevation (masl)	Measure SWE (mm)	Sub depth (mean day; cm)	Median Sur-vey Date SWE (POR; mm)	Percent of Me-vey SWE (%)	Mean Sur-vey Date SWE (POR; mm)	Percent of Mean SWE (%)	SWE Mean Nor- mal 2020; mm)	Percent of Mean SWE (%)	Percent of Median SWE (%)	Percent of Rank (min)	Rank (max)	SWE Min- i- mum (mm; year)	SWE Max- i- mum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
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### Basin:

Fraser Plateau SBI = %

Table 3: Skagit

Station ID	Station Name	Station Type	Elevation (masl)	Measure SWE (mm)	Sub depth (mean day; cm)	Median Sur-vey Date SWE (POR; mm)	Percent of Me-vey SWE (%)	Mean Sur-vey Date SWE (POR; mm)	Percent of Mean SWE (%)	SWE Mean Nor- mal 2020; mm)	Percent of Mean SWE (%)	Percent of Median SWE (%)	Percent of Rank (min)	Rank (max)	SWE Min- i- mum (mm; year)	SWE Max- i- mum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
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### Basin:

Skagit SBI = %

Table 4: Northwest

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean SWE (%)	Percent of Median Normal (1991-2020; mm)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
*																				

Basin:  
Northwest SBI = %

Table 5: Upper Fraser East

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1A05P	Longworth Upper	NA	1740	1248	NA	703	178	765	163	NA	NA	NA	NA	1	5	570 (2018)	1083 (2020)	4	1081	770										
1A15P	Knudsen Lake	NA	1601	1158	NA	453	256	441	263	NA	NA	NA	NA	3	4	176 (2016)	674 (2020)	4	667	439										
1A19P	Dome Mountain	NA	1774	1094	NA	827	132	818	134	780	140	138	87	16	1	351 (2006)	1208 (2007)	15	1067	713										
1A14P	Hedrick Lake	NA	1100	938	NA	686	137	755	124	711	132	139	65	9	13	124 (2016)	1450 (2013)	21	615	405										
1A01P	Yellowhead Lake	NA	1860	570	NA	538	106	533	107	533	107	106	55	22	2	143 (1998)	838 (2012)	23	557	NA										
1A02P	McBride Upper	NA	1611	517	NA	398	130	391	132	389	133	141	86	16	14	10 (2016)	660 (2007)	26	492	366										

Table 5: Upper Fraser East (continued)

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile		Rank (min)		Rank (max)		SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)		2020 SWE (mm)		2019 SWE (mm)	
1A17P	Revolution Creek	NA	1690	1032	NA	733	141	694	149	768	135	137	81	3	35	0	1294	36	1284	732																
1A03P	Barkerville	NA	1520	98	NA	216	45	223	44	206	48	45	20	25	17	1	503	40	234	42																

Basin:

Upper Fraser East SBI = %

Table 6: Province

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
*																			

Basin:

Province SBI = %

Table 7: Fraser

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean SWE (%)	Percent of Median SWE (1991-2020; mm)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
*																				

**Basin:**

Fraser SBI = %

Table 8: Upper Fraser West

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (%)	SWE Mean Normal (1991-2020; mm)	Percent of Median Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1A12PK	Kaza Lake	NA	1257	244	NA	178	137	169	145	NA	NA	NA	1	4	136 (2019)	193 (2020)	5	188	130

**Basin:**

Upper Fraser West SBI = %

Table 9: Nechako

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1B08P	Mt. Pondosy	NA	1400	524	NA	561	93	634	83	634	83	93	40	4	23	244	1200	25	440	236				(2019)	(2002)					
1B01P	Mount Wells	NA	1490	576	NA	463	124	496	116	496	116	124	67	7	22	168	951	27	NA	298				(2016)	(2007)					
1B02P	Tahtsa Lake	NA	1300	1508	NA	1190	127	1211	124	1211	124	127	86	4	26	671	2347	28	935	713				(2004)	(2007)					

**Basin:**

Nechako SBI = %

Table 10: Middle Fraser

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1C17	MOUNT TIMOTHY	manual	1660	150	37	208	72	202	74	186	81	73	39	45	3	0	466	NA	102	78				(1987)	(1999)					

Table 10: Middle Fraser *(continued)*

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)	
∞	1C29P Shovelnose Mountain	NA	1460	1	NA	2	31	2	31	NA	NA	NA	NA	3	1	0 (2019)	4 (2020)	2	3	0
	1C05P McGillivray Pass	NA	1718	296	NA	188	158	215	138	NA	NA	NA	NA	1	4	156 (2019)	302 (2018)	3	179	149
	1C14P Bralorne	NA	1382	0	NA	4	0	4	0	NA	NA	NA	NA	1	2	3 (2020)	6 (2018)	3	2	0
	1C38P Downton Lake Upper	NA	1829	513	NA	642	80	643	80	NA	NA	NA	NA	6	1	527 (2018)	809 (2017)	5	527	638
	1C40P North Tyauhton	NA	1969	373	NA	224	166	242	154	NA	NA	NA	NA	3	3	184 (2020)	334 (2017)	5	181	204
	1C41P Yanks Peak	NA	1670	870	NA	842	103	820	106	820	106	103	62	1	25	386 (1998)	1172 (2014)	24	1163	837
	1C12P Green Mountain	NA	1780	540	NA	642	84	766	70	766	70	84	33	18	11	409 (2020)	1369 (1999)	27	397	423
	1C20P Boss Mountain	NA	1460	365	NA	418	87	418	87	418	87	87	44	25	4	158 (2004)	746 (1999)	27	251	288
	1C18P Mine Mission Ridge	NA	1850	390	NA	362	108	366	107	357	110	104	60	31	14	0 (1993)	973 (1972)	44	261	53

**Basin:**

Middle Fraser SBI = %



Table 11: Bridge

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)		2020 SWE (mm)	2019 SWE (mm)
1C05P	McGillivray Pass	NA	1718	296	NA	188	158	215	138	NA	NA	NA	NA	1	4	156	302	3	179	149				(2019)	(2018)						
1C14P	Bralorne	NA	1382	0	NA	4	0	4	0	NA	NA	NA	NA	1	2	3	6	3	2	0				(2020)	(2018)						
1C38P	Downton Lake	NA	1829	513	NA	642	80	643	80	NA	NA	NA	NA	6	1	527	809	5	527	638				(2018)	(2017)						
1C40P	Upper North	NA	1969	373	NA	224	166	242	154	NA	NA	NA	NA	3	3	184	334	5	181	204				(2020)	(2017)						
1C12P	Tyaughton Green Mountain	NA	1780	540	NA	642	84	766	70	766	70	84	33	18	11	409	1369	27	397	423				(2020)	(1999)						
1C18P	Mission Ridge	NA	1850	390	NA	362	108	366	107	357	110	104	60	31	14	0	973	44	261	53				(1993)	(1972)						

Basin:

Bridge SBI = %

Table 12: Quesnel

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)	
1C17	MOUNT TIMOTHY	manual	1660	150	37	208	72	202	74	186	81	73	39	45	3	0 (1987)	466 (1999)	NA	102	78
1C41P	Yanks Peak	NA	1670	870	NA	842	103	820	106	820	106	103	62	1	25	386 (1998)	1172 (2014)	24	1163	837
1C20P	Boss Mountain Mine	NA	1460	365	NA	418	87	418	87	418	87	87	44	25	4	158 (2004)	746 (1999)	27	251	288

**Basin:**  
Quesnel SBI = %

Table 13: Lower Thompson

Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
*																			

**Basin:**  
Lower Thompson SBI = %

Table 14: Lower Fraser

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1D18	DISAPPOINTMENT LAKE	MANUAL	1050	1698	336	1616	105	1453	117	1404	121	125	50	13	5	0	2560	NA	NA	732										
1D06P	Tenquille Lake	NA	1680	908	NA	848	107	960	95	960	95	107	50	16	6	469	1699	20	705	632										
1D19P	Spuzzum	NA	1180	1570	NA	1545	102	1487	106	1487	106	102	52	16	7	49	2900	22	1065	752										
1D09P	Wahleach Lake	NA	1480	1123	NA	956	117	914	123	914	123	117	77	3	25	307	1793	27	821	509										

**Basin:**  
Lower Fraser SBI = %

Table 15: Similkameen

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; %)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
2F12	MOUNT KOBALU	manual	1810	189	46	248	76	246	77	246	77	75	37	51	5	0 (1987)	516 (1999)	NA	100	12
2G04	LOST HORSE MOUNTAIN	manual	1940	282	67	208	136	196	144	168	168	163	75	40	13	0 (2005)	577 (1972)	NA	303	NA
2G05	MISSEZULA MOUNTAIN	manual	1550	0	0	0	NA	44	0	35	0	NA	61	44	15	0 (1960)	218 (1967)	NA	0	0
2G06	HAMILTON HILL	manual	1490	0	0	104	0	121	0	NA	NA	NA	29	18	25	0 (1966)	434 (1967)	NA	0	0
2G03P	Blackwall Peak	NA	1940	739	NA	688	107	697	106	702	105	105	60	16	38	199 (2005)	1481 (1991)	50	704	335

**Basin:**  
Similkameen SBI = %

Table 16: North Thompson

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
1E03A	TROPHY MOUNTAIN	manual	1860	673	159	638	105	630	107	643	105	105	54	11	28	301 (1987)	1114 (1999)	NA	780	496										
1E07	ADAMS RIVER	manual	1720	686	142	728	94	716	96	710	97	96	42	49	3	280 (1980)	1158 (1999)	NA	832	602										
1E14P	Cook Creek	NA	1280	109	NA	261	42	197	55	201	54	53	33	6	8	0 (2003)	401 (2009)	11	332	3										
1E02P	Mount Cook	NA	1550	1522	NA	1298	117	1219	125	1236	123	119	79	2	20	0 (2000)	2068 (2011)	19	1512	1210										
1E08P	Azure River	NA	1652	1134	NA	1197	95	1183	96	1183	96	95	42	6	20	743 (2004)	1684 (1999)	24	1218	886										
1E10P	Kostal Lake	NA	1770	692	NA	864	80	867	80	874	79	80	8	34	4	568 (2004)	1358 (1999)	35	758	766										

**Basin:**  
North Thompson SBI = %

Table 17: South Thompson

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)		2020 SWE (mm)	2019 SWE (mm)
1F04P	Enderby	NA	1950	855	NA	1080	79	1023	84	NA	NA	NA	NA	4	2	712	1220	4	1164	705				(2019)	(2017)						
2F10P	Silver Star Mountain	NA	1840	691	NA	765	90	765	90	NA	NA	NA	NA	3	1	700	830	5	820	714				(2019)	(2020)						
1F06P	Celista	NA	1500	731	NA	908	80	886	82	874	84	85	29	10	6	488	1139	15	884	731				(2005)	(2011)						
1F03P	Park Mountain	NA	1890	710	NA	946	75	928	76	953	74	74	22	20	18	474	1341	36	1068	606				(1987)	(1997)						

**Basin:**  
South Thompson SBI = %

Table 18: Columbia

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
2C04	SULLIVAN MINE	manual	1550	0	0	106	0	118	0	100	0	NA	29	44	26	0	457	NA	0	0				(1977)(1967)				
2E03	BIG WHITE MOUNTAIN	manual	1680	290	68	416	70	385	75	369	79	72	28	54	2	0	732	NA	403	166				(1980)(1974)				
2F01A	TROUT CREEK (WEST)	manual	1430	0	0	30	0	46	0	64	0	0	45	12	1	0	243	NA	0	0				(2013)(2011)				
2F12	MOUNT KOBAL	manual	1810	189	46	248	76	246	77	246	77	75	37	51	5	0	516	NA	100	12				(1987)(1999)				
2F20	VASEUX CREEK	manual	1400	0	0	0	NA	6	0	0	0	NA	85	21	28	0	80	NA	0	0				(1973)(1983)				
2F24	ISLAHT LAKE	manual	1480	83	19	136	61	127	65	NA	NA	NA	40	11	1	0	352	NA	50	0				(2013)(1999)				
2G04	LOST HORSE MOUNTAIN	manual	1940	282	67	208	136	196	144	168	168	163	75	40	13	0	577	NA	303	NA				(2005)(1972)				
2G05	MISSEZULA MOUNTAIN	manual	1550	0	0	0	NA	44	0	35	0	NA	61	44	15	0	218	NA	0	0				(1960)(1967)				
2G06	HAMILTON HILL	manual	1490	0	0	104	0	121	0	NA	NA	NA	29	18	25	0	434	NA	0	0				(1966)(1967)				
2F08P	Greyback Reservoir	NA	1550	0	NA	106	0	84	0	NA	NA	NA	NA	2	2	1	145	4	NA	1				(2019)(2017)				

Table 18: Columbia (continued)

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Median Normal (%)		SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)		2020 SWE (mm)		2019 SWE (mm)	
2A18P	Keystone Creek	NA	1840	790	NA	866	91	867	91	NA	NA	NA	NA	6	1	559	1212	5	957	724						
2A31P	Caribou Creek	NA	2201	1091	NA	1049	104	933	117	NA	NA	NA	NA	4	3	666	1094	5	1090	760						
2A32P	Wildcat Creek	NA	2122	743	NA	642	116	631	118	NA	NA	NA	NA	4	3	355	836	5	834	638						
2F10P	Silver Star Mountain	NA	1840	691	NA	765	90	765	90	NA	NA	NA	NA	3	1	700	830	5	820	714						
2A30P	Colpitti Creek	NA	2131	907	NA	618	147	610	149	NA	NA	NA	83	4	10	99	1034	10	1023	641						
2D14P	Redfish Creek	NA	2104	1333	NA	1373	97	1427	93	1341	99	98	42	8	14	972	2187	19	1483	1124						
2E07P	Grano Creek	NA	1860	486	NA	560	87	562	86	562	86	87	41	22	2	315	998	23	729	350						
2F18P	Brenda Mine	NA	1460	2	NA	0	Inf	26	8	29	7	11	52	6	17	0	217	25	1	0						
2A06P	Mount Revelstoke	NA	1850	1245	NA	1196	104	1204	103	1204	103	104	59	12	17	700	1786	26	1290	963						
2C14P	Floe Lake	NA	2090	826	NA	826	100	762	108	762	108	100	54	25	3	326	1099	26	851	569						
2B06P	Barnes Creek	NA	1620	244	NA	518	47	465	53	465	53	47	15	3	25	40	758	28	522	33						
2B08P	St. Leon Creek	NA	1800	1187	NA	1024	116	1028	115	1028	115	116	61	11	19	0	1572	28	1497	838						
2C09Q	Morrissey Ridge	NA	1860	186	NA	582	32	523	36	553	34	30	20	15	22	0	1114	36	576	NA						



Table 18: Columbia (*continued*)

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
2D08P	East Creek	NA	2030	970	NA	915	106	899	108	907	107	105	67	33	5	461	1387	37	1114	918				(1993)	(1991)					
2C10P	Moyie Mountain	NA	1930	31	NA	262	12	250	12	225	14	17	17	21	17	0	596	38	355	NA				(2004)	(1999)					
2F05P	Mission Creek	NA	1780	414	NA	419	99	424	98	466	89	84	52	22	30	0	855	48	680	302				(1980)	(1999)					
2G03P	Blackwall Peak	NA	1940	739	NA	688	107	697	106	702	105	105	60	16	38	199	1481	50	704	335				(2005)	(1991)					
2F19P	Oyama Lake	NA	1360	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	1	1	NA	NA	NA	NA	NA				(NA)	(NA)					

**Basin:**

Columbia SBI = %

Table 19: West Kootenay

Station ID	Station Name	Station Type	Elevation (masl)		Measured SWE (mm)		Snow depth (mean day; cm)		Median Survey Date SWE (POR; mm)		Percent of Median SWE (POR; %)		Mean Survey Date SWE (POR; mm)		Percent of Mean SWE (POR; %)		SWE Mean Normal (1991-2020; mm)		Percent of Mean Normal (%)		Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)		SWE Maximum (mm; year)		Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)
2D14P	Redfish Creek	NA	2104	1333	NA	1373	97	1427	93	1341	99	98	42	8	14	972	2187	19	1483	1124				(2009)	(2017)					
2B06P	Barnes Creek	NA	1620	244	NA	518	47	465	53	465	53	47	15	3	25	40	758	28	522	33				(2019)	(1999)					
2B08P	St. Leon Creek	NA	1800	1187	NA	1024	116	1028	115	1028	115	116	61	11	19	0	1572	28	1497	838				(1996)	(1999)					
2D08P	East Creek	NA	2030	970	NA	915	106	899	108	907	107	105	67	33	5	461	1387	37	1114	918				(1993)	(1991)					

Basin:  
West Kootenay SBI = %

Table 20: East Kootenay

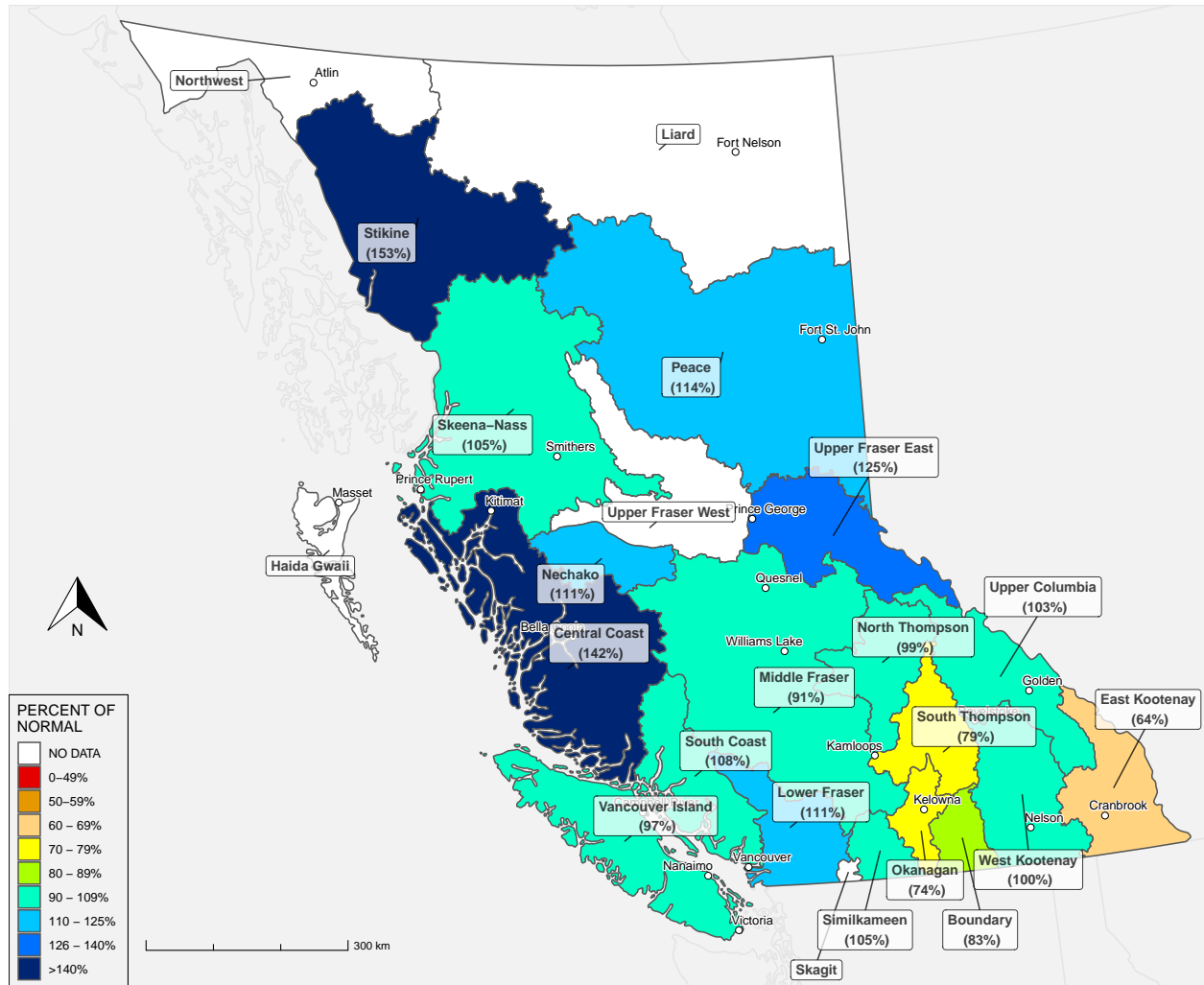
Station ID	Station Name	Station Type	Elevation (masl)	Measured SWE (mm)	Snow depth (mean day; cm)	Median Survey Date SWE (POR; mm)	Percent of Median SWE (POR; %)	Mean Survey Date SWE (POR; mm)	Percent of Mean SWE (POR; mm)	SWE Mean Normal (1991-2020; mm)	Percent of Mean Normal (%)	Percentile	Rank (min)	Rank (max)	SWE Minimum (mm; year)	SWE Maximum (mm; year)	Length of Data Record (years)	2020 SWE (mm)	2019 SWE (mm)	
2C04	SULLIVAN MINE	manual	1550	0	0	106	0	118	0	100	0	NA	29	44	26	0 (1977)	457 (1967)	NA	0	0
2C14P	Floe Lake	NA	2090	826	NA	826	100	762	108	762	108	100	54	25	3	326 (1998)	1099 (2012)	26	851	569
2C09Q	Morrissey Ridge	NA	1860	186	NA	582	32	523	36	553	34	30	20	15	22	0 (1994)	1114 (2002)	36	576	NA
2C10P	Moyie Mountain	NA	1930	31	NA	262	12	250	12	225	14	17	17	21	17	0 (2004)	596 (1999)	38	355	NA

**Basin:**

East Kootenay SBI = %

## Map of SBI values by basin

Provincial Average = 104%

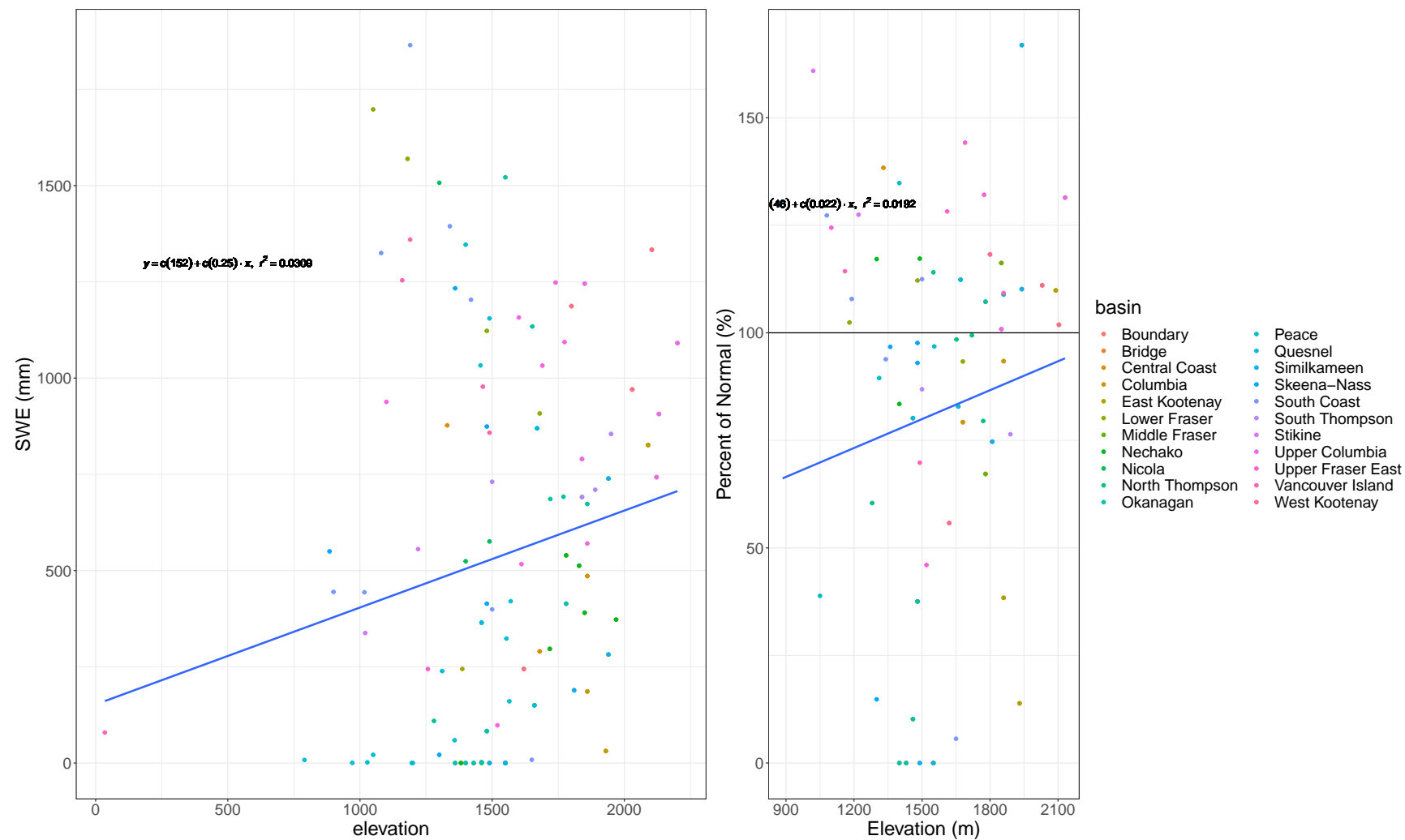


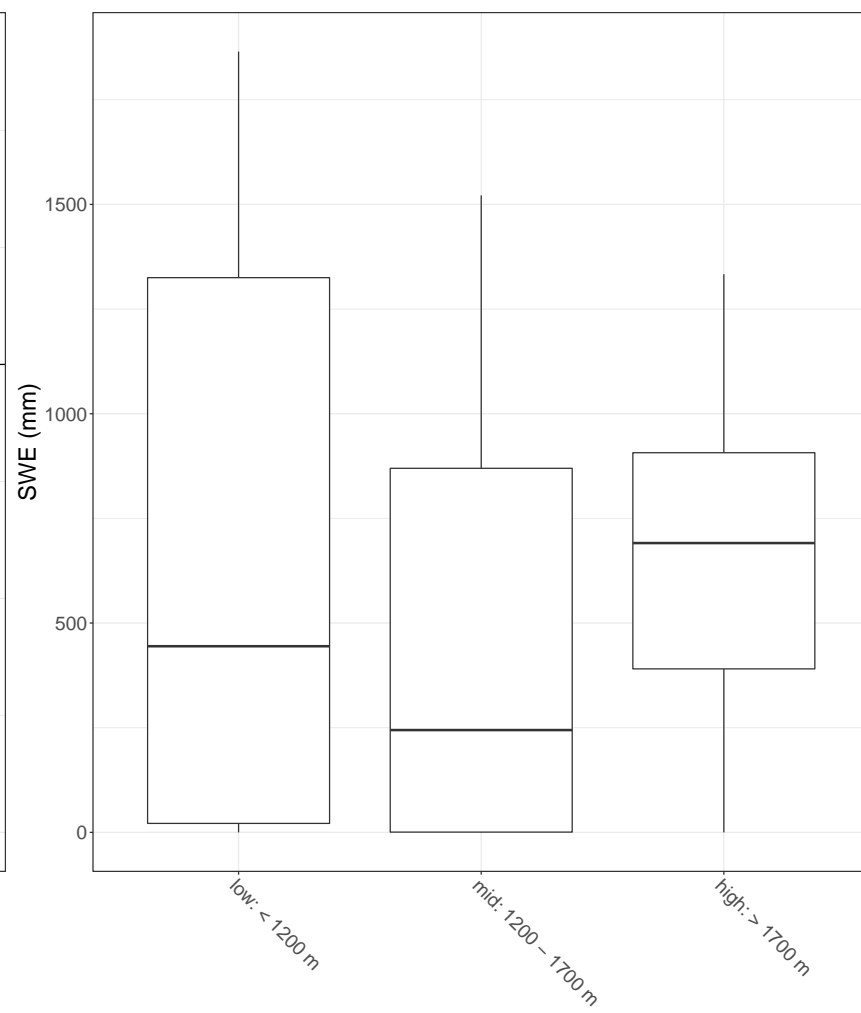
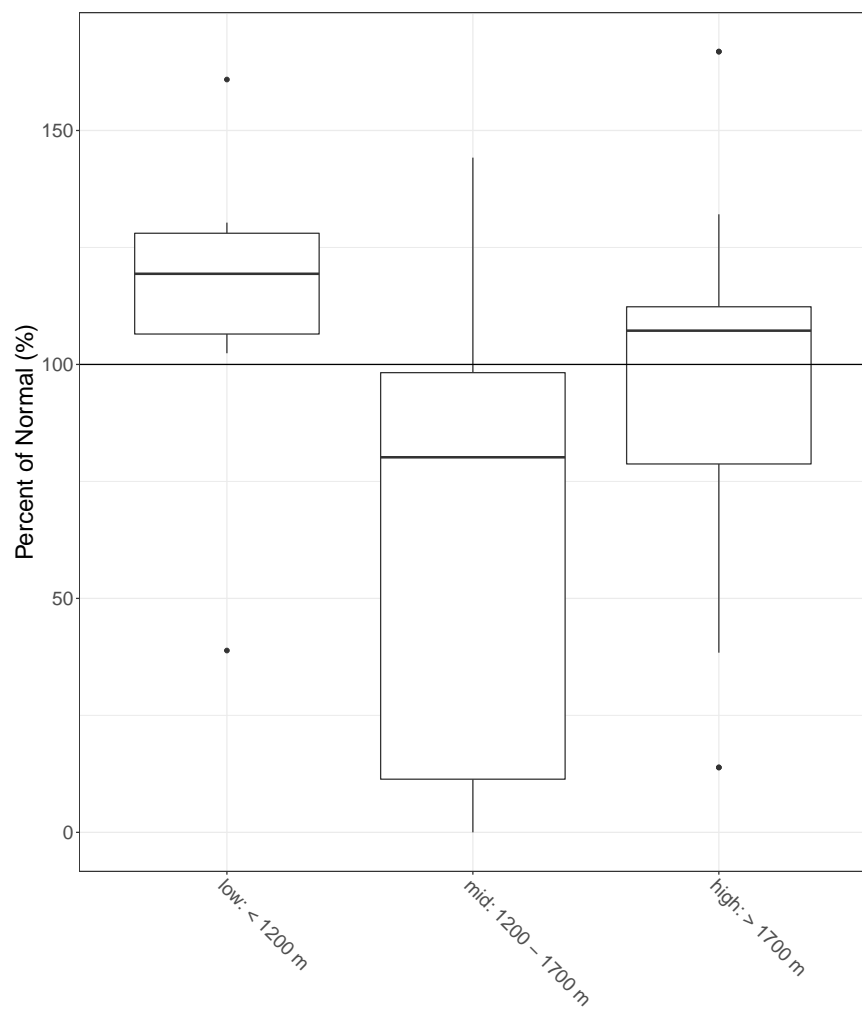
## Trends in SWE with elevation

### Across the entire province

Note that there are several stations that represent more than one basin; these sites are thus shown twice within the figure below.

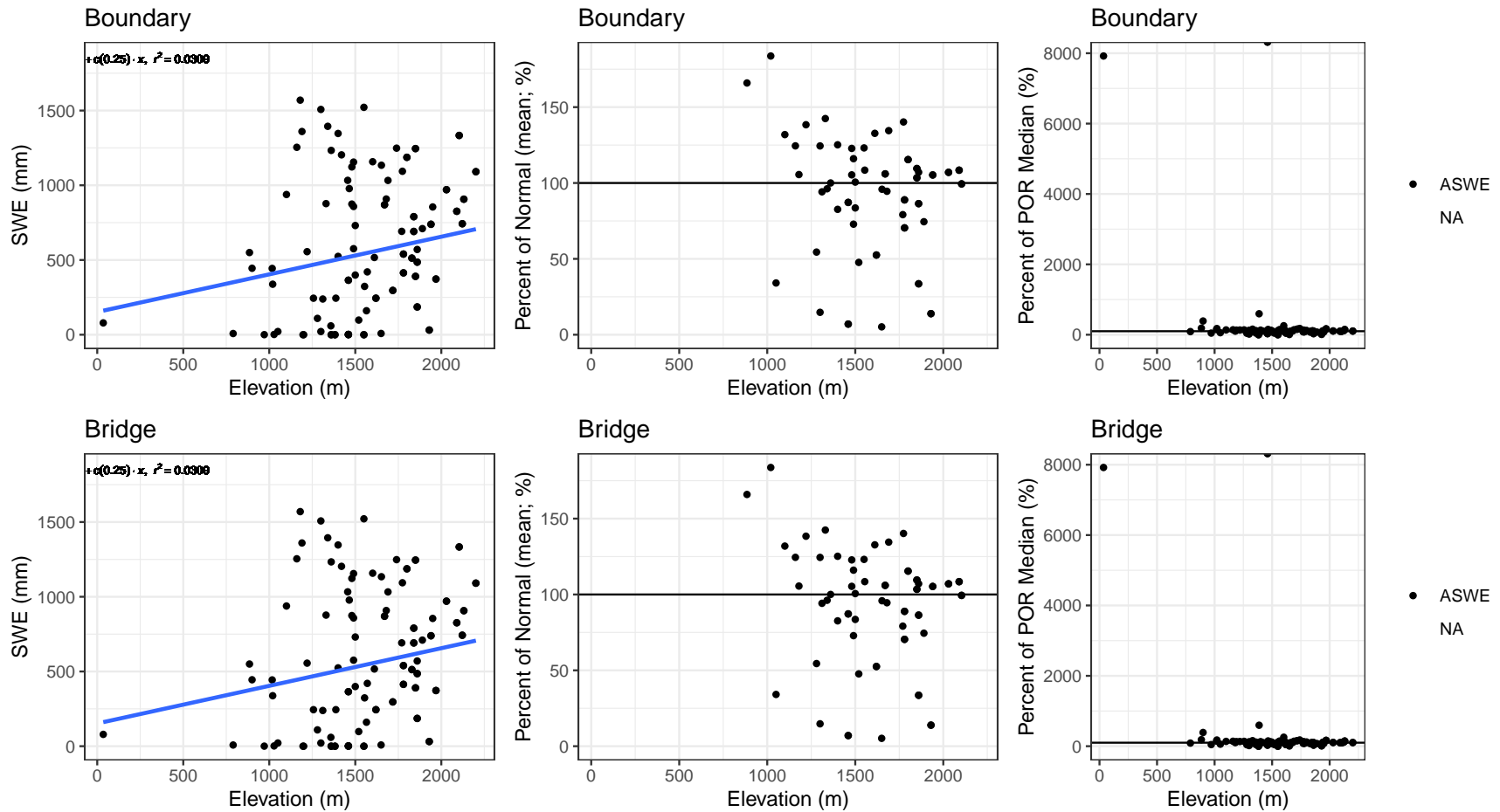
21



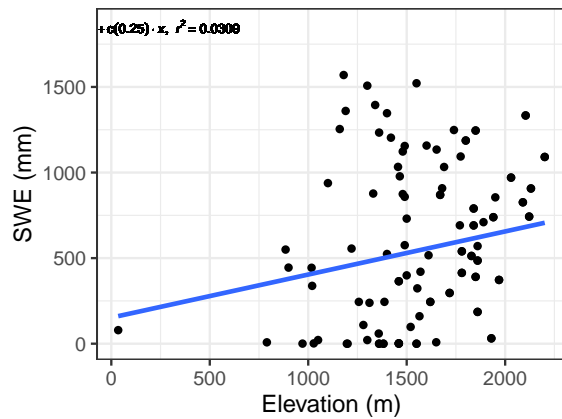


## Trends in SWE within specific basins

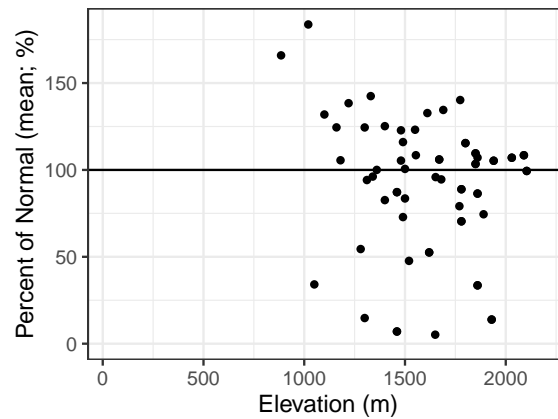
Graphs show the SWE by elevation according to basin. The percent of mean (50th percentile calculated across the entire record), and the percent of normal (1981-2010 mean) is also shown by elevation for both manual and ASWE sites.



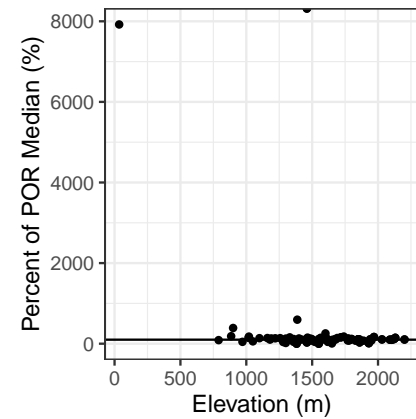
Central Coast



Central Coast

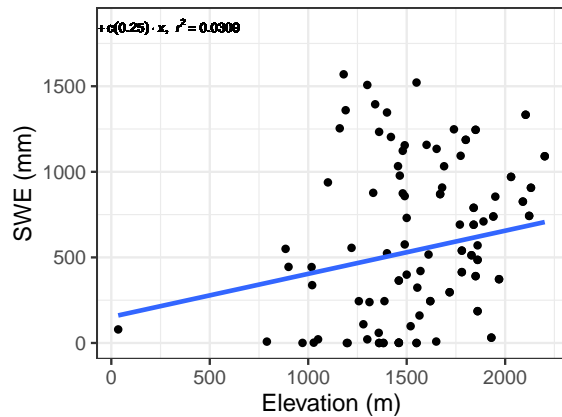


Central Coast

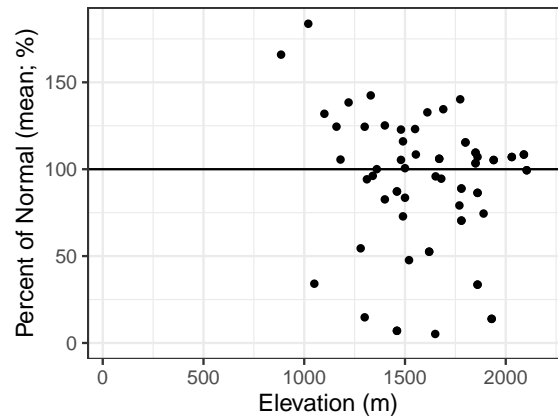


• ASWE  
• NA

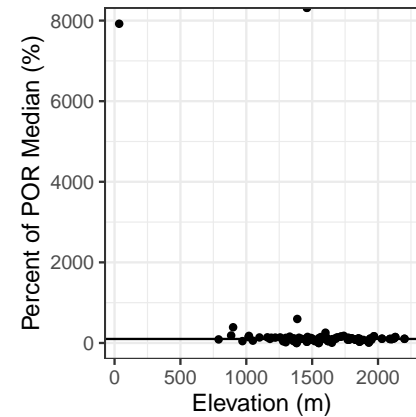
Columbia



Columbia

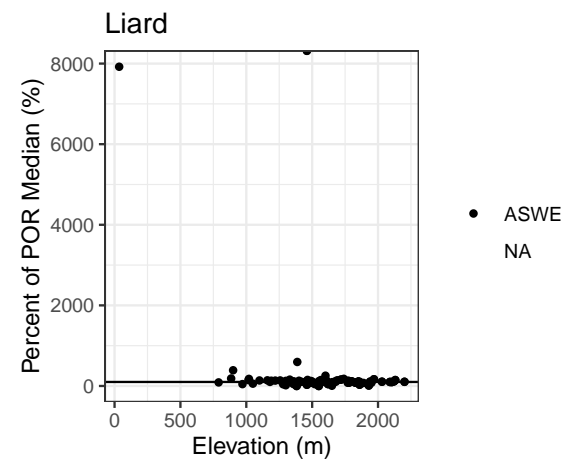
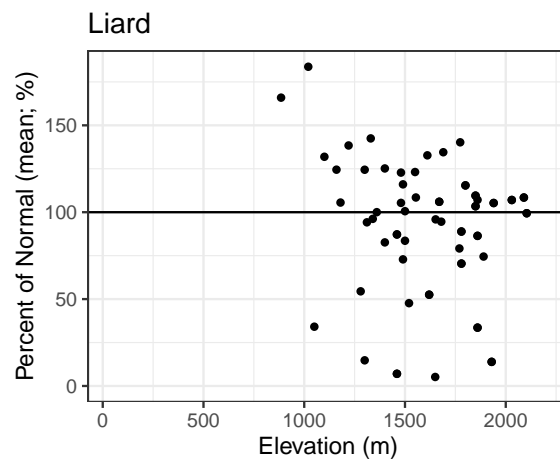
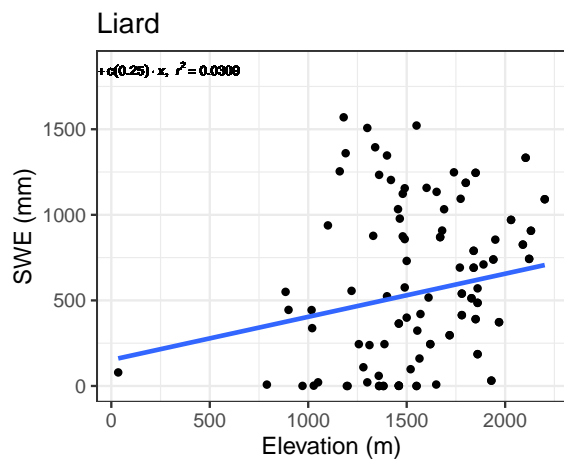
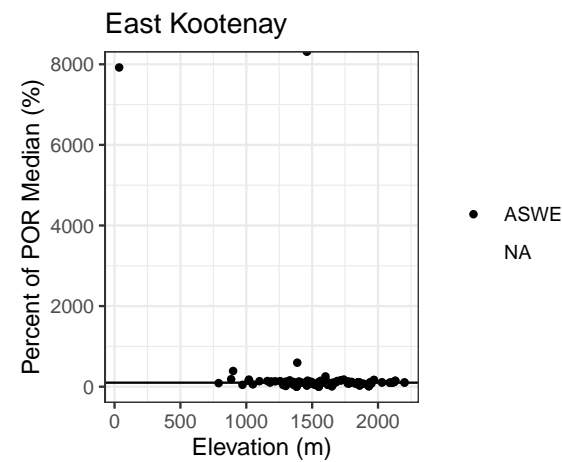
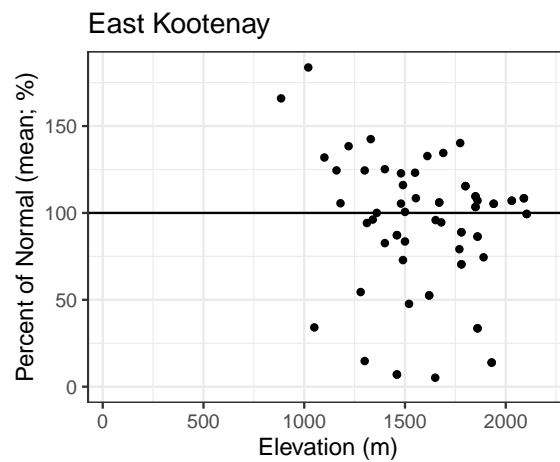
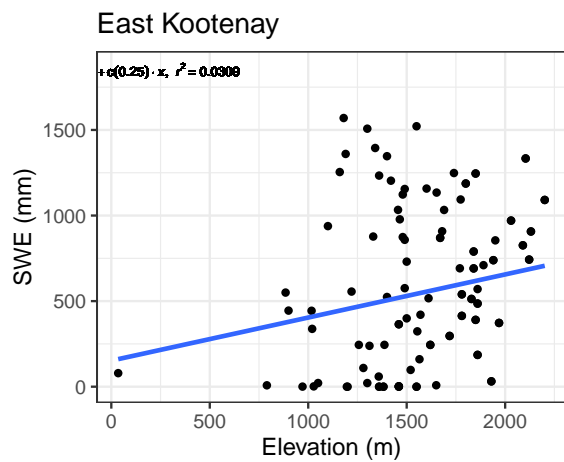


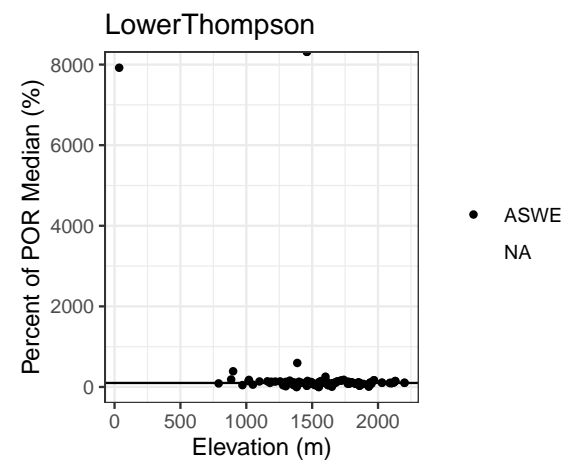
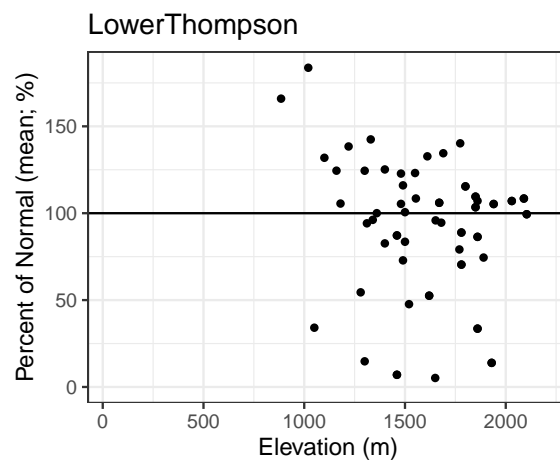
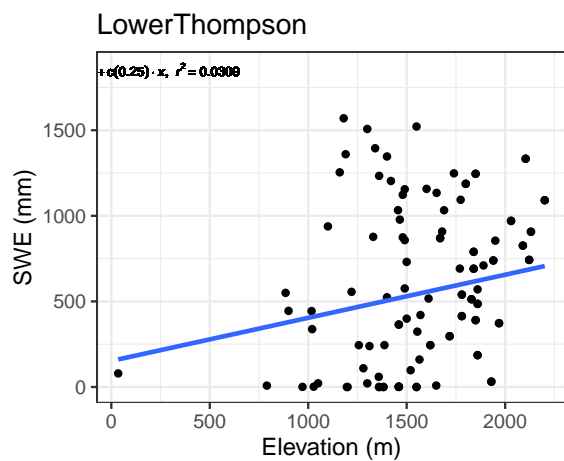
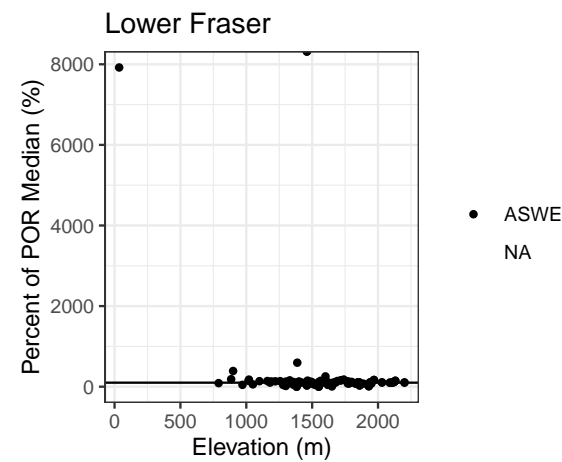
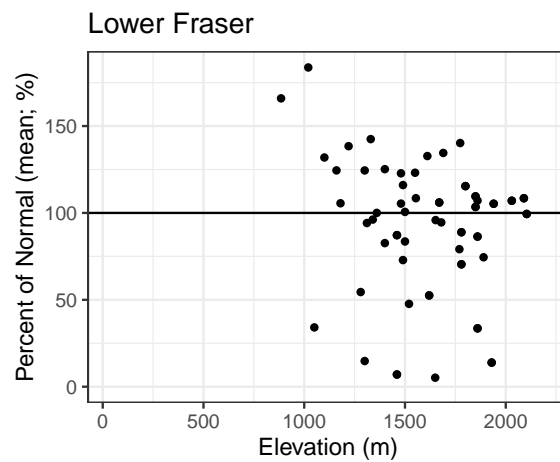
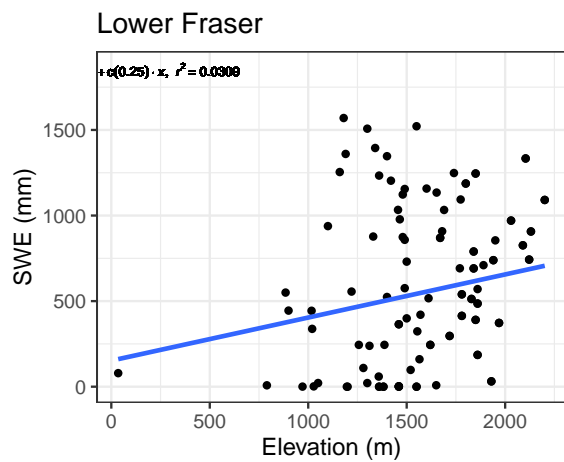
Columbia



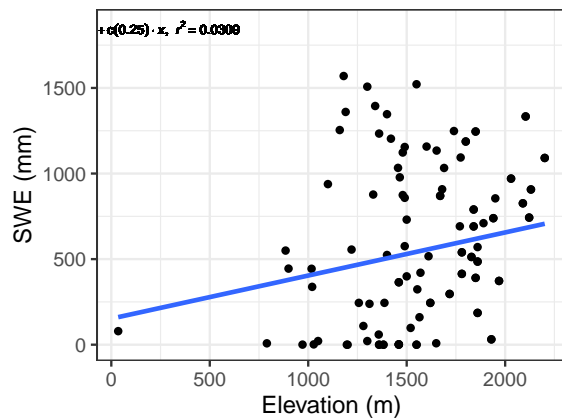
• ASWE  
• NA



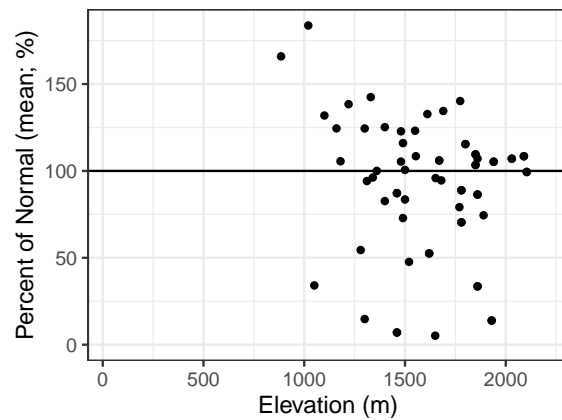




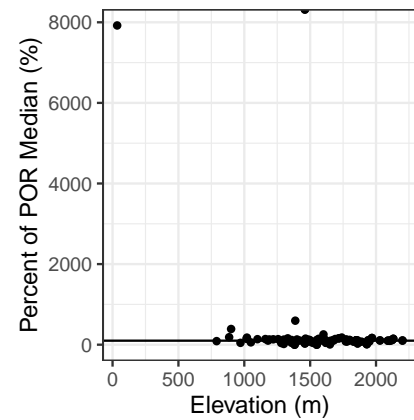
Middle Fraser



Middle Fraser

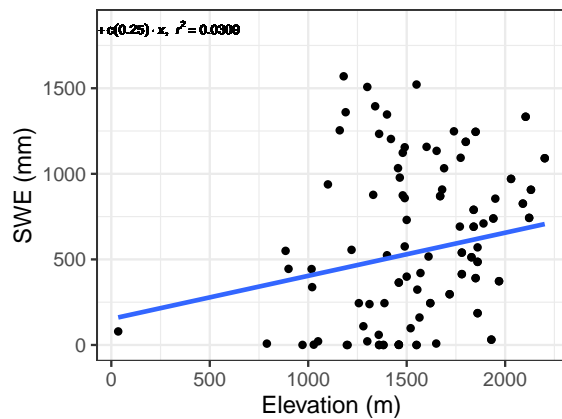


Middle Fraser

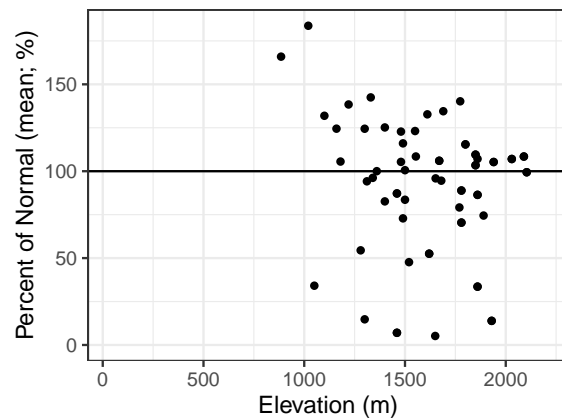


• ASWE  
• NA

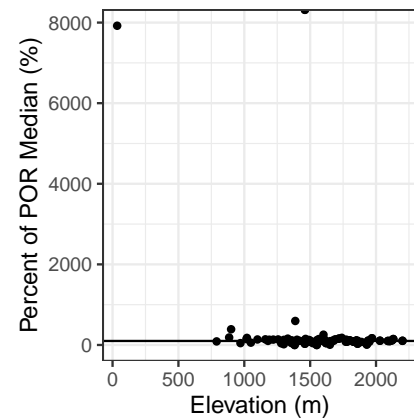
Nechako



Nechako

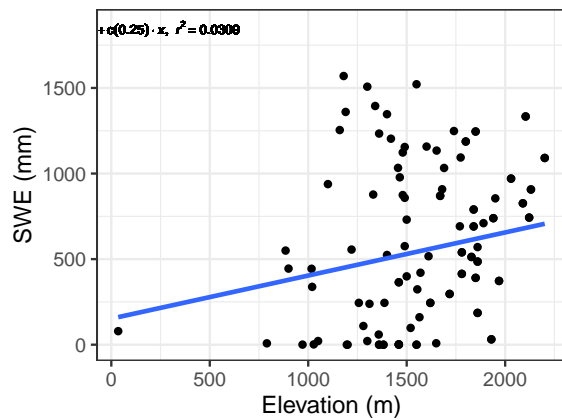


Nechako

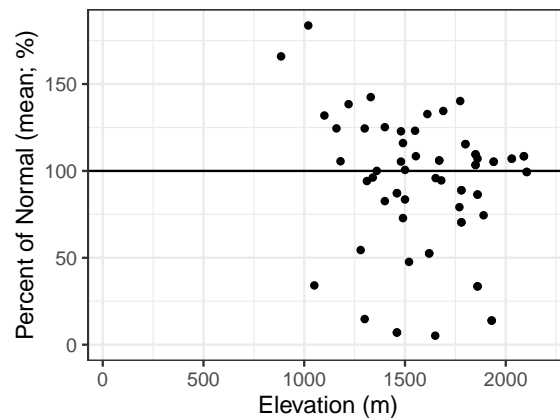


• ASWE  
• NA

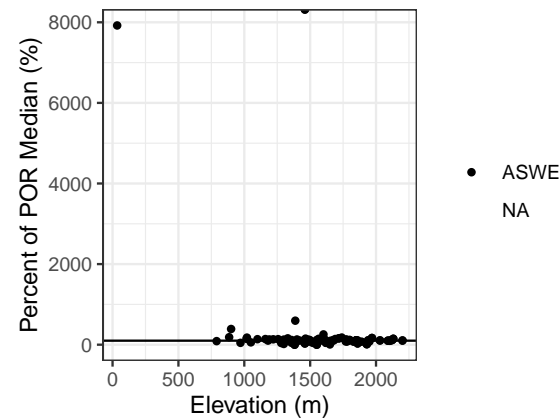
Nicola



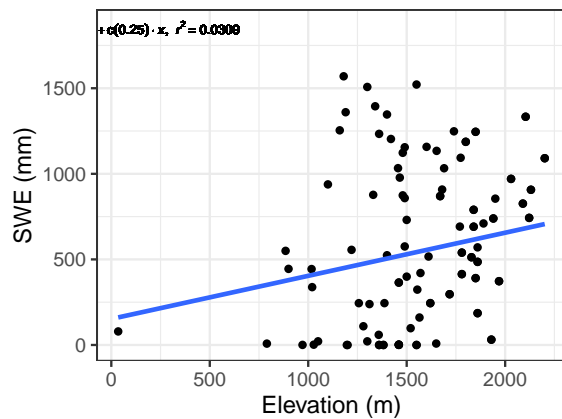
Nicola



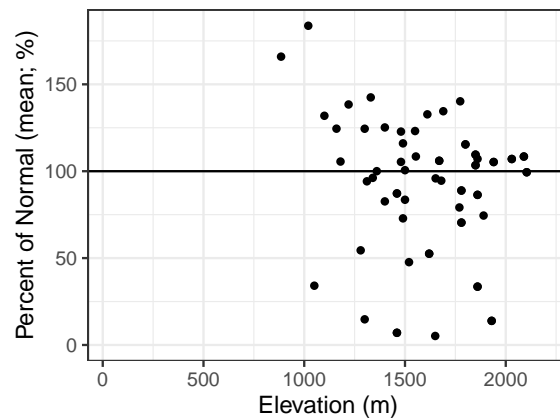
Nicola



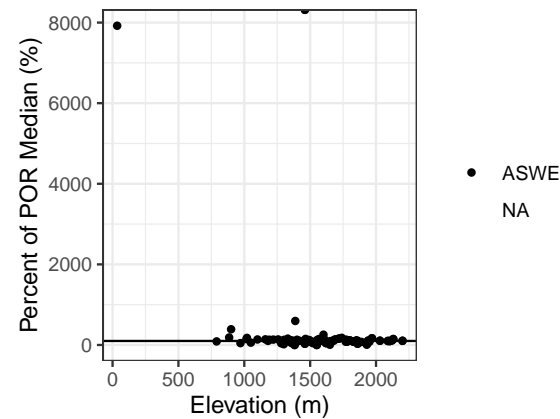
North Thompson



North Thompson



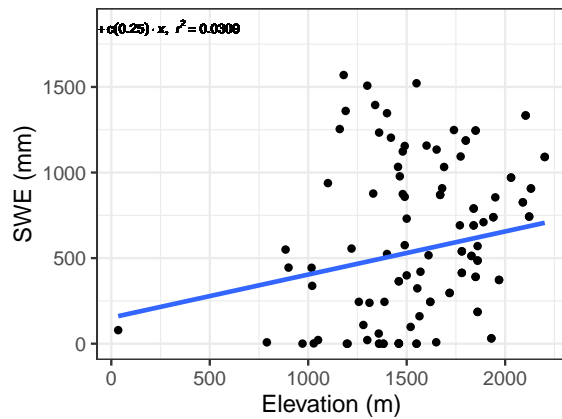
North Thompson



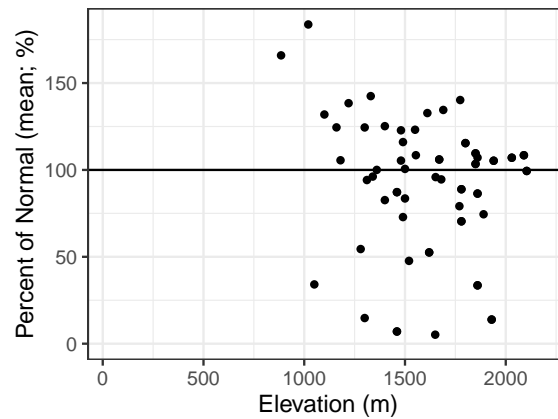
• ASWE  
• NA

• ASWE  
• NA

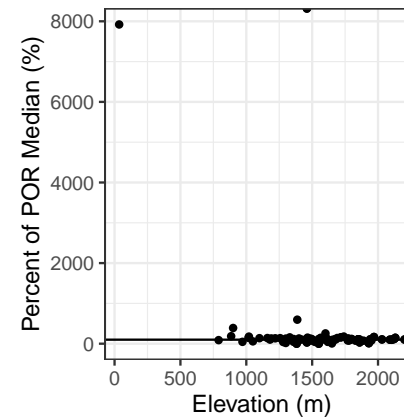
Okanagan



Okanagan

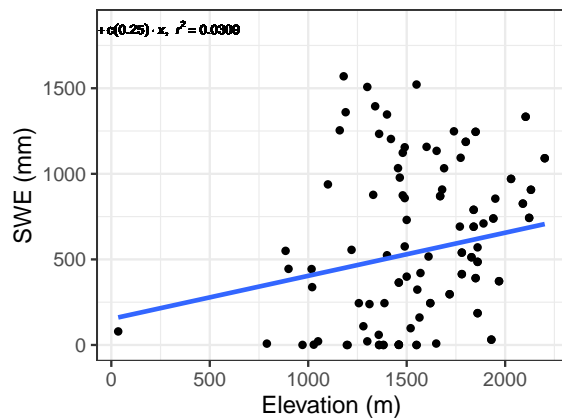


Okanagan

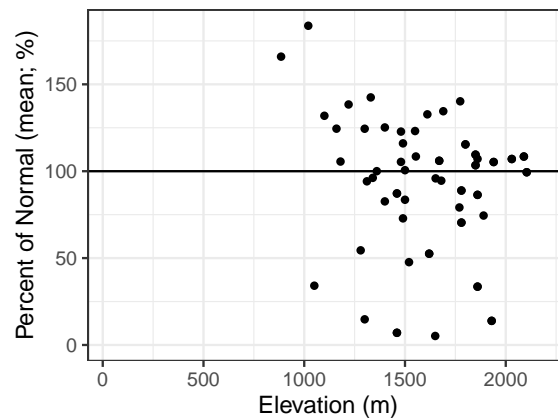


• ASWE  
NA

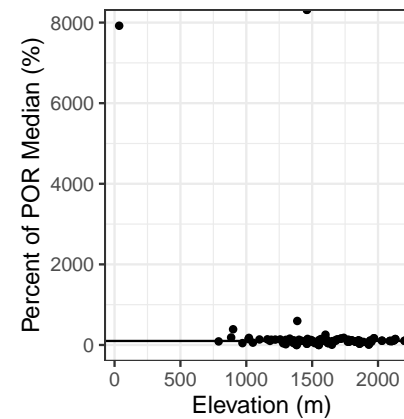
Peace



Peace

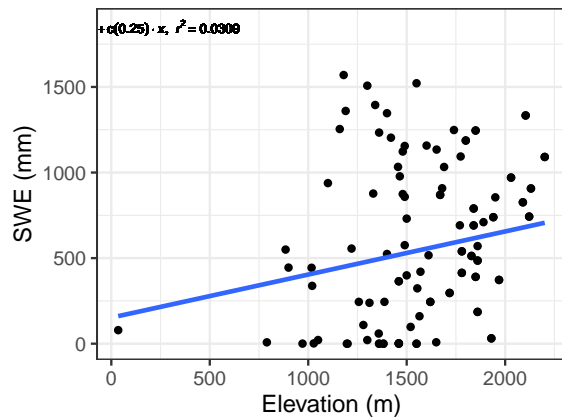


Peace

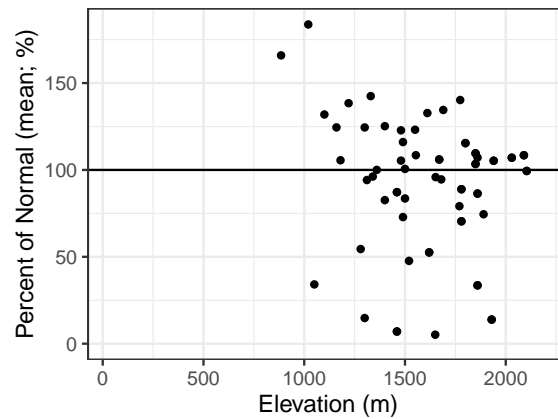


• ASWE  
NA

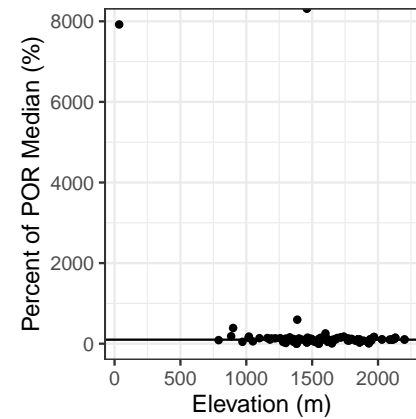
Quesnel



Quesnel

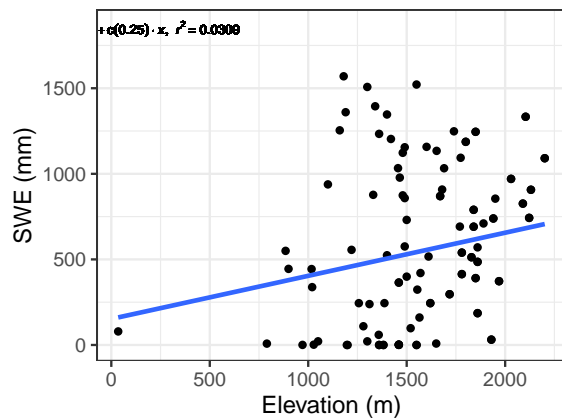


Quesnel

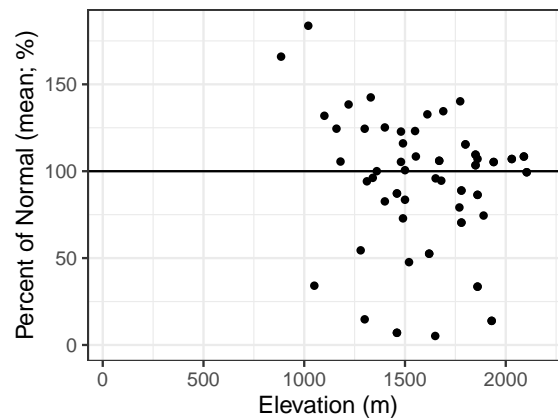


• ASWE  
• NA

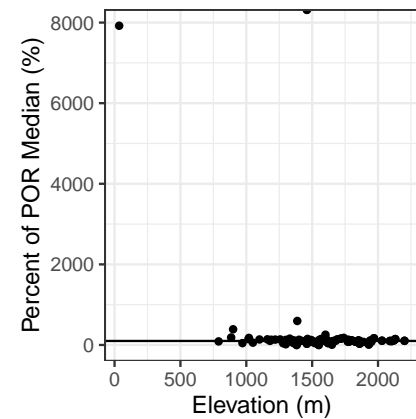
Similkameen



Similkameen

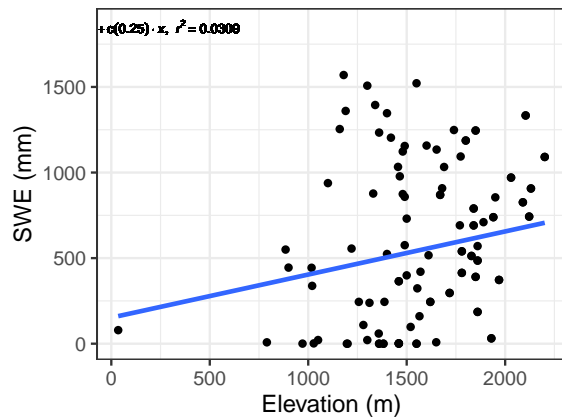


Similkameen

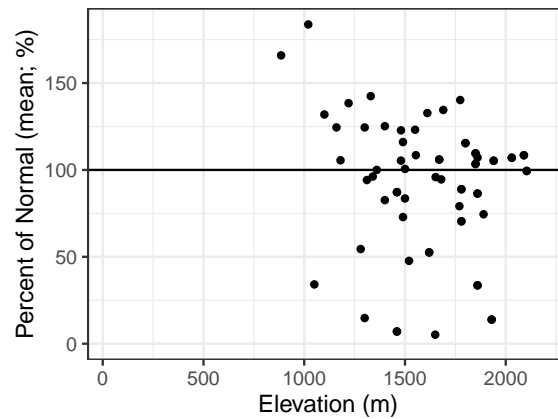


• ASWE  
• NA

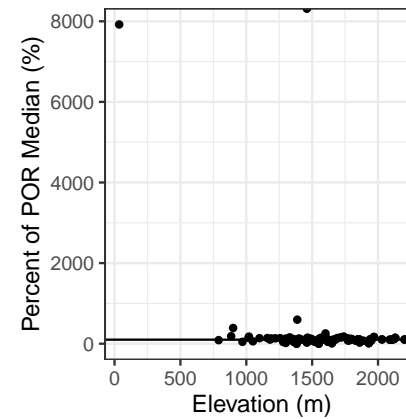
Skeena-Nass



Skeena-Nass

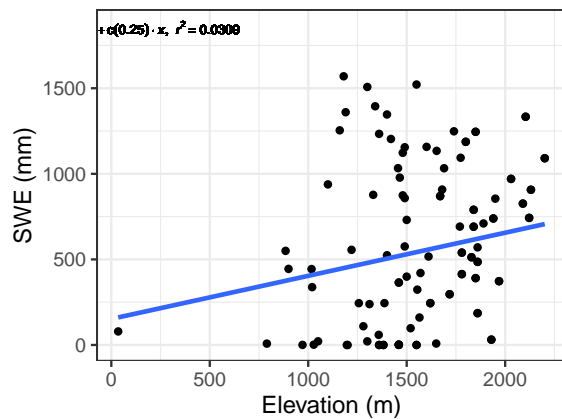


Skeena-Nass

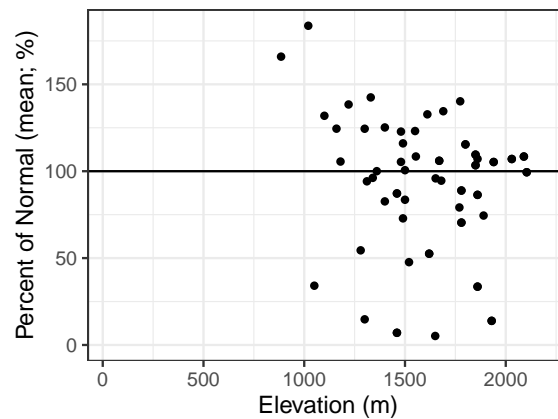


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• NA

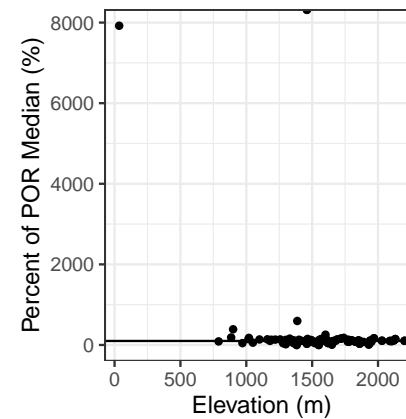
South Coast



South Coast

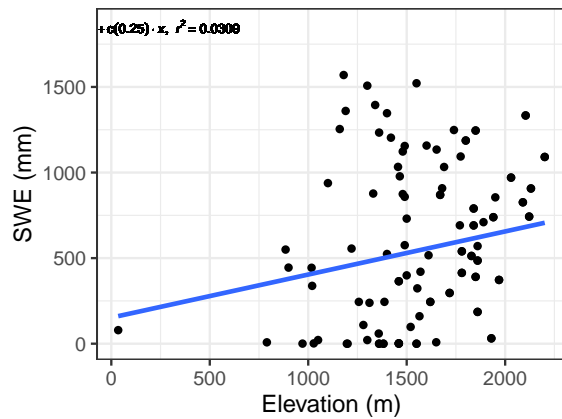


South Coast

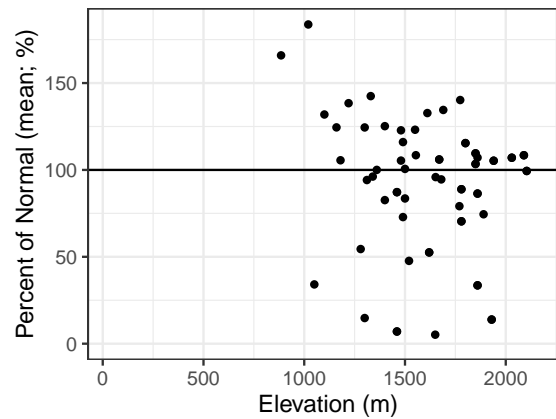


• ASWE  
• NA

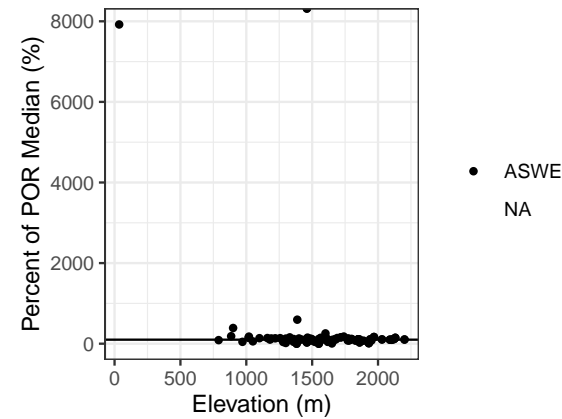
South Thompson



South Thompson

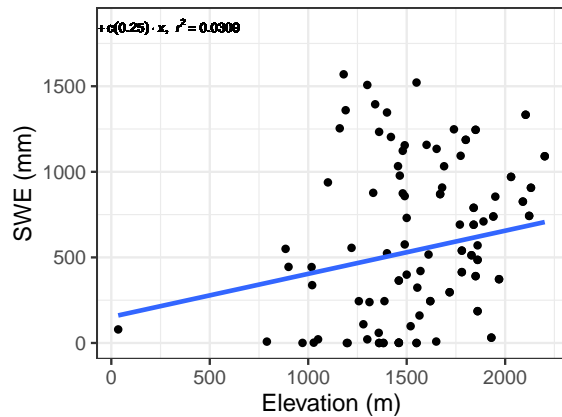


South Thompson

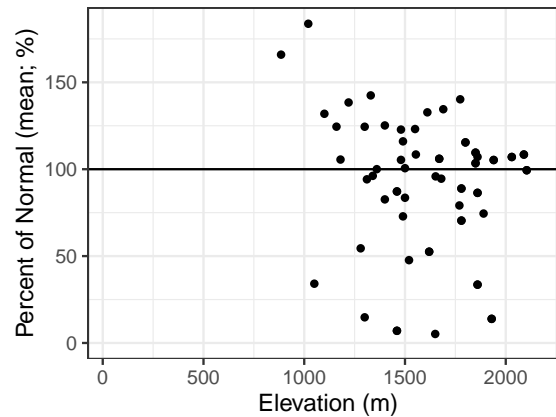


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• NA

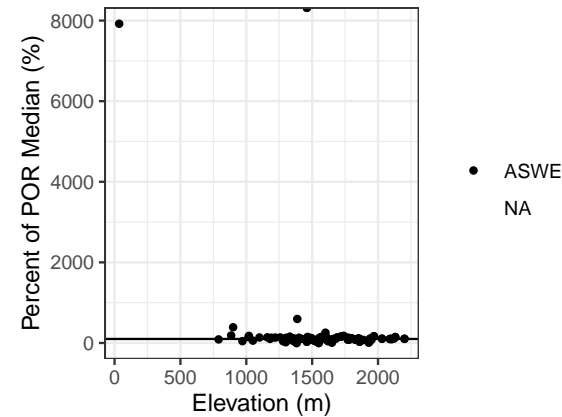
Stikine



Stikine



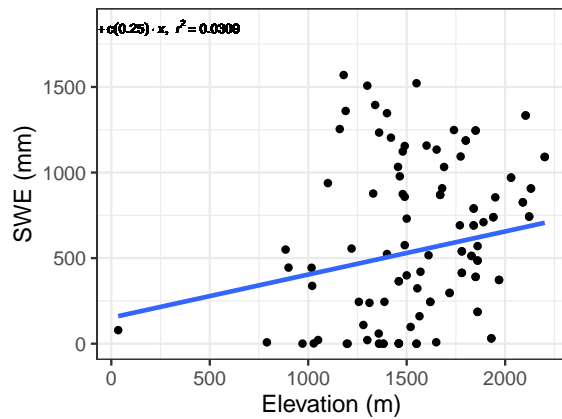
Stikine



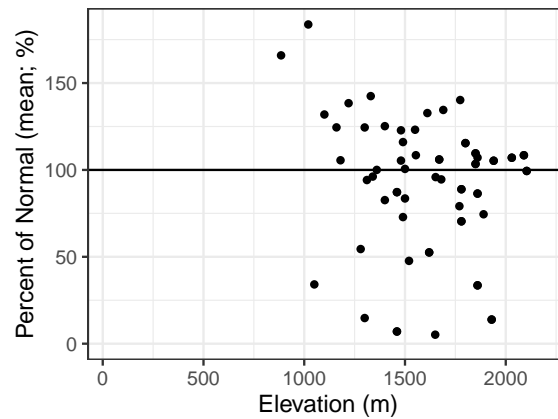
• ASWE  
• NA



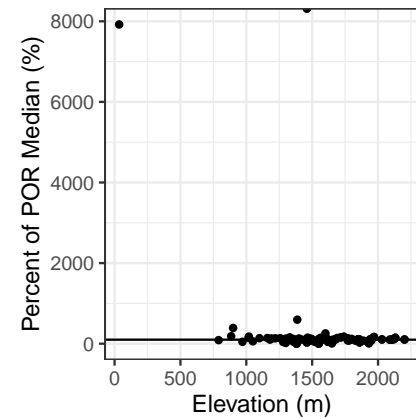
Upper Columbia



Upper Columbia

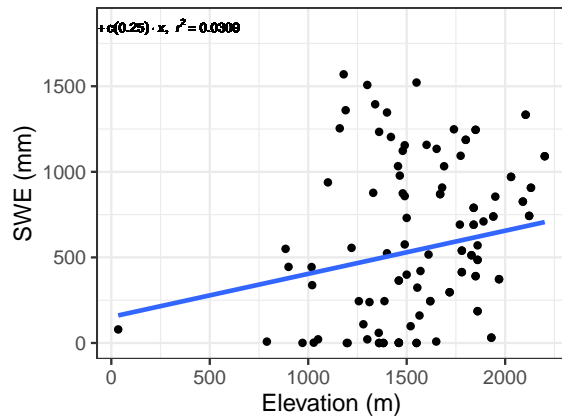


Upper Columbia

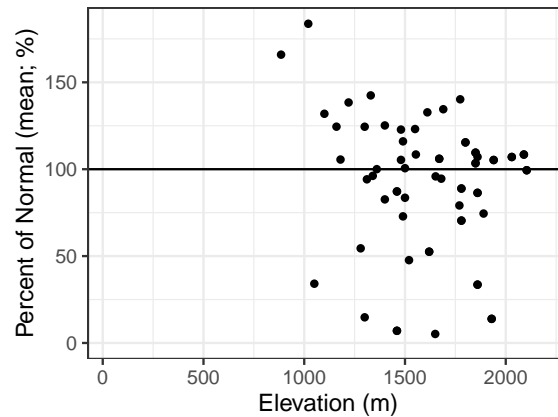


• ASWE  
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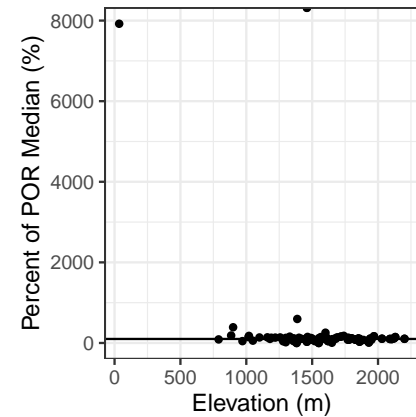
Upper Fraser East



Upper Fraser East

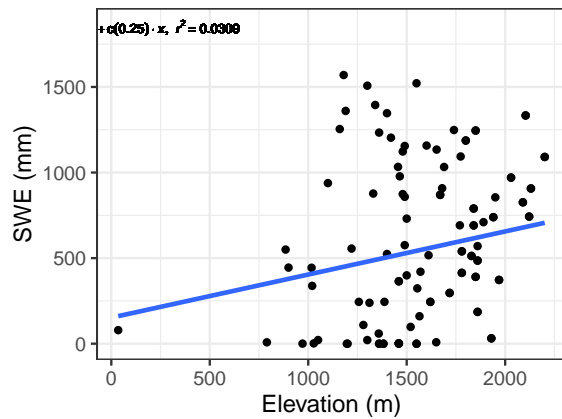


Upper Fraser East

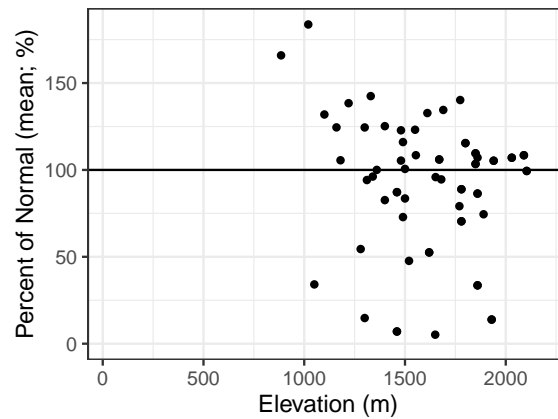


• ASWE  
• NA

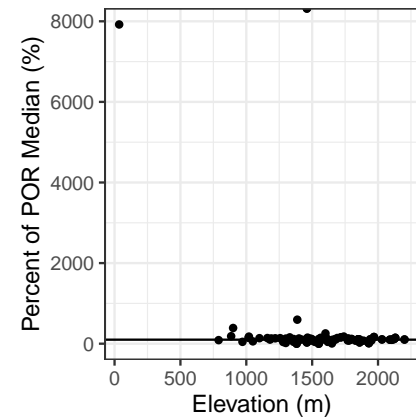
Upper Fraser West



Upper Fraser West

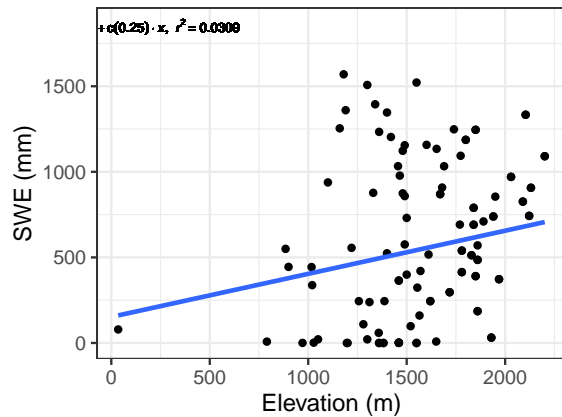


Upper Fraser West

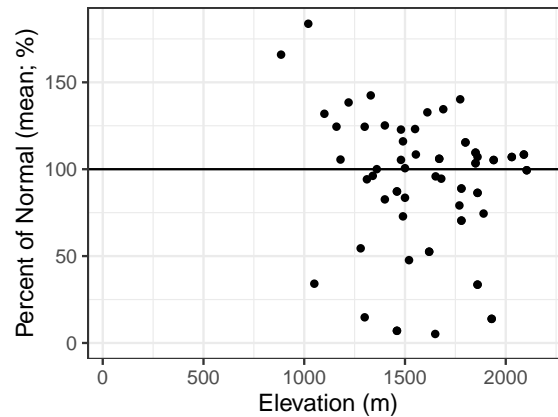


• ASWE  
• NA

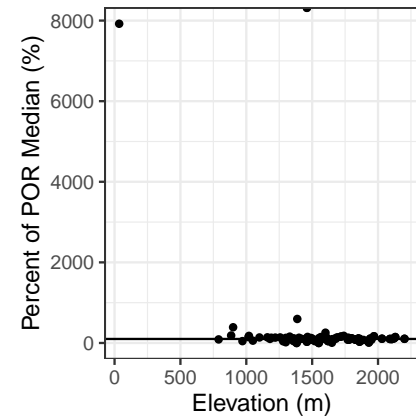
Vancouver Island



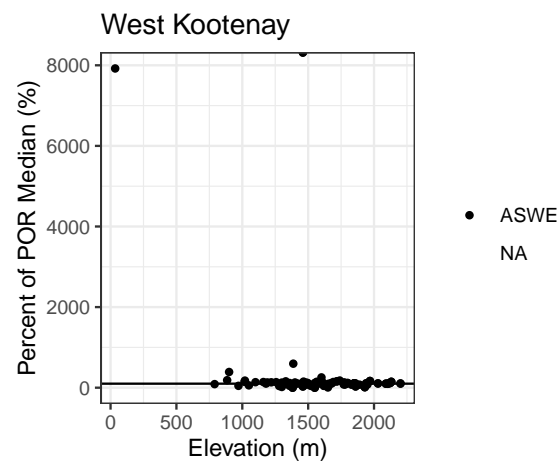
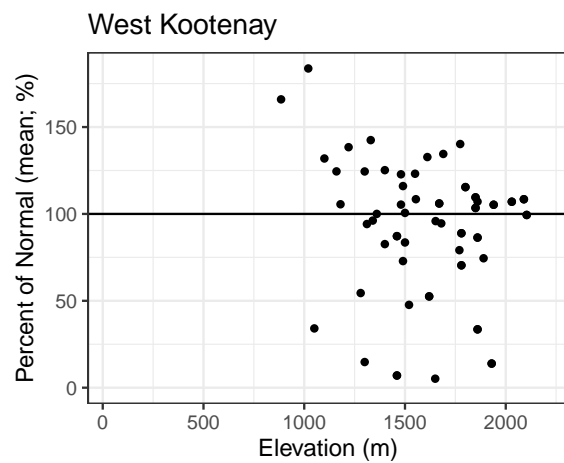
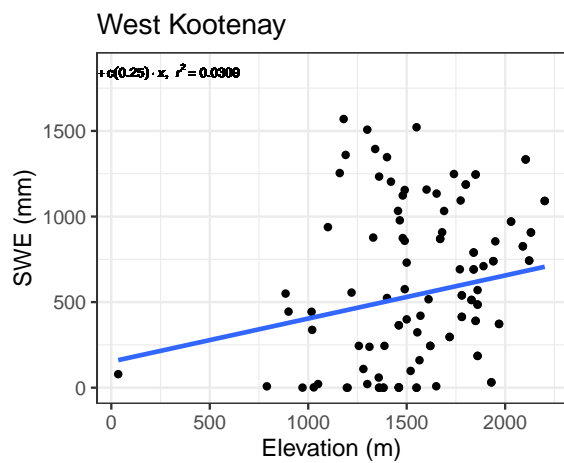
Vancouver Island



Vancouver Island



• ASWE  
• NA



Basin	Missing Station ID
UpperFraserWest	
UpperFraserEast	
Nechako	
MiddleFraser	
LowerFraser	
NorthThompson	
SouthThompson	
UpperColumbia	
WestKootenay	2B02A; 2B09; 2D06
EastKootenay	
Okanagan	2F02; 2F09; 2F11
Boundary	
Similkameen	
SouthCoast	
VancouverIsland	
CentralCoast	
Skagit	
Peace	
SkeenaNass	
Stikine	
Liard	
Northwest	
HaidaGwaii	NA

## Stations missing from analysis (compared to scheduled)

To ensure that all of the stations that should be included within the

```
## [1] "ASWE sites omitted from analysis:"
```

```
## [1] "1D17P"
```

```
## [1] "Stations missing as compared to scheduled visits:"
```

```
## [1] "1.00E+07" "2B02A" "2B09" "2D06" "2.00E+03" "2F02" "2F09"
```

```
## [8] "2F11"
```

```
## [1] "Stations missing as compared to mss report:"
```

```
## [1] "2B09" "2F02"
```