

1°C cooling

Annual total precipitation: 8388mm (-6.8%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-1°C)	-0.6	-2.5	-3.1	-2.1	-0.6	0.7	2.4	4.0	5.0	5.4	4.6	2.2	1.3°C
	% snow*	67	78	81	75	67	59	50	41	35	33	37	51	
	Monthly total precipitation	587	445	470	411	730	1158	1049	554	411	487	923	1166	8388mm
	Snow (mm water equivalent)	393	345	381	310	488	688	522	225	144	159	344	594	4594mm

* regression for monthly snow-rain proportions based on monthly mean temperatures. see: Sevruck, B., (ed.) 1992.

Annual total precipitation: 8694mm (-3.4%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-1°C)	-0.6	-2.5	-3.1	-2.1	-0.6	0.7	2.4	4.0	5.0	5.4	4.6	2.2	1.3°C
	% snow	67	78	81	75	67	59	50	41	35	33	37	51	
	Monthly total precipitation	609	461	487	426	756	1200	1087	574	426	504	956	1208	8694mm
	Snow (water equivalent)	407	358	395	321	506	713	541	234	149	165	357	616	4761mm

Annual total precipitation: 9000mm

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-1°C)	-0.6	-2.5	-3.1	-2.1	-0.6	0.7	2.4	4.0	5.0	5.4	4.6	2.2	1.3°C
	% snow	67	78	81	75	67	59	50	41	35	33	37	51	
	Monthly total precipitation	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	Snow (water equivalent)	421	370	409	332	523	739	560	242	154	171	369	637	4929mm

2°C cooling

Annual total precipitation: 7800mm (-13.3%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-2°C)	-1.6	-3.5	-4.1	-3.1	-1.6	-0.3	1.4	3.0	4.0	4.4	3.6	1.2	0.3°C
	% snow	73	83	87	81	73	65	55	46	41	38	43	57	
	Monthly total precipitation	546	413	437	382	679	1076	975	515	382	452	858	1084	7800mm
	Snow (mm water equivalent)	396	344	379	310	492	701	541	239	156	174	369	614	4714mm

Annual total precipitation: 8400mm (-6.7%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-2°C)	-1.6	-3.5	-4.1	-3.1	-1.6	-0.3	1.4	3.0	4.0	4.4	3.6	1.2	0.3°C
	% snow	73	83	87	81	73	65	55	46	41	38	43	57	
	Monthly total precipitation	588	445	470	412	731	1159	1050	554	412	487	924	1168	8400mm
	Snow (water equivalent)	426	371	408	334	530	755	583	257	168	187	397	661	5078mm

Annual total precipitation: 9000mm

Monthly temperature (-2°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-1.6 73	-3.5 83	-4.1 87	-3.1 81	-1.6 73	-0.3 65	1.4 55	3.0 46	4.0 41	4.4 38	3.6 43	1.2 57	0.3°C
	630 457	477 397	504 437	441 357	783 568	1242 809	1125 624	594 276	441 180	522 201	990 426	1251 708	9000mm 5440mm

3°C cooling

Annual total precipitation: 7250mm (-19.4%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-3°C)	-2.6	-4.5	-5.1	-4.1	-2.6	-1.3	0.4	2.0	3.0	3.4	2.6	0.2	-0.7°C
	% snow	78	89	92	87	78	71	61	52	46	44	49	62	
	Monthly total precipitation	508	384	406	355	631	1001	906	479	355	421	798	1008	7250mm
	Snow (water equivalent)	397	342	375	308	493	709	554	249	165	186	388	628	4794mm

Annual total precipitation: 8125mm (-9.7%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-3°C)	-2.6	-4.5	-5.1	-4.1	-2.6	-1.3	0.4	2.0	3.0	3.4	2.6	0.2	-0.7°C
	% snow	78	89	92	87	78	71	61	52	46	44	49	62	
	Monthly total precipitation	569	431	455	398	707	1121	1016	536	398	471	894	1129	8125mm
	Snow (water equivalent)	445	383	421	345	553	794	621	279	185	208	435	704	5373mm

Annual total precipitation: 9000mm

<div> <div> Monthly temperature (-3°C) % snow </div> <div> Monthly total precipitation Snow (water equivalent) </div> </div>	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-2.6	-4.5	-5.1	-4.1	-2.6	-1.3	0.4	2.0	3.0	3.4	2.6	0.2	-0.7°C
	78	89	92	87	78	71	61	52	46	44	49	62	
	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	493	425	466	383	612	880	688	309	205	230	482	779	5952mm

4°C cooling

Annual total precipitation: 6738mm (-25.1%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-4°C)	-3.6	-5.5	-6.1	-5.1	-3.6	-2.3	-0.6	1.0	2.0	2.4	1.6	-0.8	-1.7°C
	% snow	84	95	98	92	84	77	67	58	52	50	54	68	
	Monthly total precipitation	472	357	377	330	586	930	842	445	330	391	741	937	6738mm
	Snow (water equivalent)	396	338	370	305	492	711	563	257	172	195	403	637	4838mm

Annual total precipitation: 7869mm (-12.6%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-4°C)	-3.6	-5.5	-6.1	-5.1	-3.6	-2.3	-0.6	1.0	2.0	2.4	1.6	-0.8	-1.7°C
	% snow	84	95	98	92	84	77	67	58	52	50	54	68	
	Monthly total precipitation	551	417	441	386	685	1086	984	519	386	456	866	1094	7869mm
	Snow (water equivalent)	462	395	432	356	574	831	658	300	201	227	470	744	5651mm

Annual total precipitation: 9000mm

Monthly temperature (-4°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-3.6	-5.5	-6.1	-5.1	-3.6	-2.3	-0.6	1.0	2.0	2.4	1.6	-0.8	-1.7°C
	84	95	98	92	84	77	67	58	52	50	54	68	
	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	529	452	494	408	657	950	752	343	230	260	538	851	6463mm

5°C cooling

Annual total precipitation: 6263mm (-30.4%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
Monthly temperature (-5°C)	-4.6	-6.5	-7.1	-6.1	-4.6	-3.3	-1.6	0.0	1.0	1.4	0.6	-1.8	-2.7°C
% snow	90	100	100	98	90	82	73	63	58	55	60	74	
Monthly total precipitation	438	332	351	307	545	864	783	413	307	363	689	871	6263mm
Snow (water equivalent)	393	332	351	301	488	710	568	262	177	202	414	641	4838mm

Annual total precipitation: 7631mm (-15.2%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-5°C)	-4.6	-6.5	-7.1	-6.1	-4.6	-3.3	-1.6	0.0	1.0	1.4	0.6	-1.8	-2.7°C
	% snow	90	100	100	98	90	82	73	63	58	55	60	74	
	Monthly total precipitation	534	404	427	374	664	1053	954	504	374	443	839	1061	7631mm
	Snow (water equivalent)	479	404	427	367	595	866	692	320	216	246	504	781	5896mm

Annual total precipitation: 9000mm

Monthly temperature (-5°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-4.6	-6.5	-7.1	-6.1	-4.6	-3.3	-1.6	0.0	1.0	1.4	0.6	-1.8	-2.7°C
	90	100	100	98	90	82	73	63	58	55	60	74	
	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	564	477	504	433	701	1021	816	377	255	290	594	922	6953mm

6°C cooling

Annual total precipitation: 5813mm (-35.4%)

Monthly temperature (-6°C) % snow	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-5.6	-7.5	-8.1	-7.1	-5.6	-4.3	-2.6	-1.0	0.0	0.4	-0.4	-2.8	-3.7°C
	95	100	100	100	95	88	78	69	63	61	66	79	
	407	308	326	285	506	802	727	384	285	337	639	808	5813mm
	388	308	326	285	482	705	568	265	181	206	420	641	4774mm
Monthly total precipitation Snow (water equivalent)													

Annual total precipitation: 7406mm (-17.7%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-6°C)	-5.6	-7.5	-8.1	-7.1	-5.6	-4.3	-2.6	-1.0	0.0	0.4	-0.4	-2.8	-3.7°C
	% snow	95	100	100	100	95	88	78	69	63	61	66	79	
	Monthly total precipitation	518	393	415	363	644	1022	926	489	363	430	815	1029	7406mm
	Snow (water equivalent)	494	393	415	363	614	898	724	338	230	263	535	817	6083mm

Annual total precipitation: 9000mm

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-6°C)	-5.6	-7.5	-8.1	-7.1	-5.6	-4.3	-2.6	-1.0	0.0	0.4	-0.4	-2.8	-3.7°C
	% snow	95	100	100	100	95	88	78	69	63	61	66	79	
	Monthly total precipitation	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
Snow (water equivalent)	600	477	504	441	746	1091	880	411	280	319	651	993	7392mm	

7°C cooling

Annual total precipitation: 5388mm (-40.1%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-7°C)	-6.6	-8.5	-9.1	-8.1	-6.6	-5.3	-3.6	-2.0	-1.0	-0.6	-1.4	-3.8	-4.7°C
	% snow	100	100	100	100	100	94	84	75	69	67	71	85	
	Monthly total precipitation	377	286	302	264	469	744	674	356	264	313	593	749	5388mm
	Snow (water equivalent)	377	286	302	264	469	696	565	266	182	209	423	637	4675mm

Annual total precipitation: 7194mm (-20.1%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-7°C)	-6.6	-8.5	-9.1	-8.1	-6.6	-5.3	-3.6	-2.0	-1.0	-0.6	-1.4	-3.8	-4.7°C
	% snow	100	100	100	100	100	94	84	75	69	67	71	85	
	Monthly total precipitation	504	381	403	353	626	993	899	475	353	417	791	1000	7194mm
	Snow (water equivalent)	504	381	403	353	626	929	754	355	244	279	565	850	6243mm

Annual total precipitation: 9000mm

Monthly temperature (-7°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-6.6	-8.5	-9.1	-8.1	-6.6	-5.3	-3.6	-2.0	-1.0	-0.6	-1.4	-3.8	-4.7°C
	100	100	100	100	100	94	84	75	69	67	71	85	
	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	630	477	504	441	783	1162	944	444	305	349	707	1064	7810mm

8°C cooling

Annual total precipitation: 4988mm (-44.6%)

Monthly temperature (-8°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-7.6	-9.5	-10.1	-9.1	-7.6	-6.3	-4.6	-3.0	-2.0	-1.6	-2.4	-4.8	-5.7°C
	100	100	100	100	100	99	90	80	75	73	77	91	
	349	264	279	244	434	688	624	329	244	289	549	693	4988mm
	349	264	279	244	434	683	559	265	183	210	423	629	4522mm

Annual total precipitation: 6994mm (-22.3%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-8°C)	-7.6	-9.5	-10.1	-9.1	-7.6	-6.3	-4.6	-3.0	-2.0	-1.6	-2.4	-4.8	-5.7°C
	% snow	100	100	100	100	100	99	90	80	75	73	77	91	
	Monthly total precipitation	490	371	392	343	608	965	874	462	343	406	769	972	6994mm
	Snow (water equivalent)	490	371	392	343	608	958	783	372	256	294	593	882	6341mm

Annual total precipitation: 9000mm

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-8°C)	-7.6	-9.5	-10.1	-9.1	-7.6	-6.3	-4.6	-3.0	-2.0	-1.6	-2.4	-4.8	-5.7°C
	% snow	100	100	100	100	100	99	90	80	75	73	77	91	
	Monthly total precipitation	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	Snow (water equivalent)	630	477	504	441	783	1233	1008	478	330	379	763	1135	8160mm

9°C cooling

Annual total precipitation: 4625mm (-48.8%)

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
Monthly temperature (-9°C)	-8.6	-10.5	-11.1	-10.1	-8.6	-7.3	-5.6	-4.0	-3.0	-2.6	-3.4	-5.8	-6.7°C
% snow	100	100	100	100	100	100	95	86	80	78	83	96	
Monthly total precipitation	324	245	259	227	402	638	578	305	227	268	509	643	4625mm
Snow (water equivalent)	324	245	259	227	402	638	551	263	182	210	421	620	4342mm

Annual total precipitation: 6813mm (-24.4%)

Monthly temperature (-9°C) % snow Monthly total precipitation Snow (water equivalent)	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year
	-8.6	-10.5	-11.1	-10.1	-8.6	-7.3	-5.6	-4.0	-3.0	-2.6	-3.4	-5.8	-6.7°C
	100	100	100	100	100	100	95	86	80	78	83	96	
	477	361	382	334	593	940	852	450	334	395	749	947	6813mm
	477	361	382	334	593	940	811	387	269	309	620	913	6396mm

Annual total precipitation: 9000mm

	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	year	
	Monthly temperature (-9°C)	-8.6	-10.5	-11.1	-10.1	-8.6	-7.3	-5.6	-4.0	-3.0	-2.6	-3.4	-5.8	-6.7°C
	% snow	100	100	100	100	100	100	95	86	80	78	83	96	
	Monthly total precipitation	630	477	504	441	783	1242	1125	594	441	522	990	1251	9000mm
	Snow (water equivalent)	630	477	504	441	783	1242	1072	512	355	408	819	1206	8449mm

Summary Precipitation Scenario 1 (Fig. 1)

cooling (annual) (°C)	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
snowfall (annual) (mm)	4432	4594	4714	4794	4838	4838	4774	4675	4522	4342

Summary Precipitation Scenario 2 (Fig. 2)

cooling (annual) (°C)	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
snowfall (annual) (mm)	4432	4761	5078	5373	5651	5896	6083	6243	6341	6396

Summary Precipitation Scenario 3 (Fig. 3)

cooling (annual) (°C)	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
snowfall (annual) (mm)	4432	4929	5440	5952	6463	6953	7392	7810	8160	8449

Fig. 1

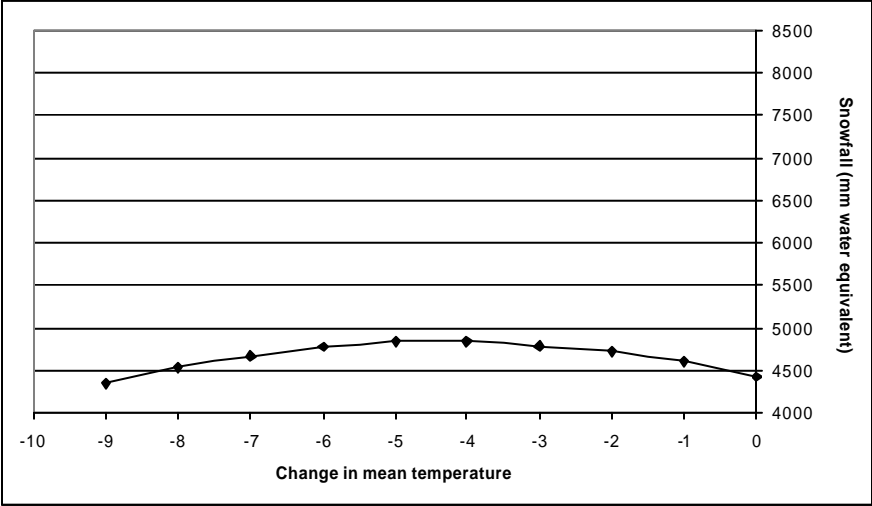


Fig. 2

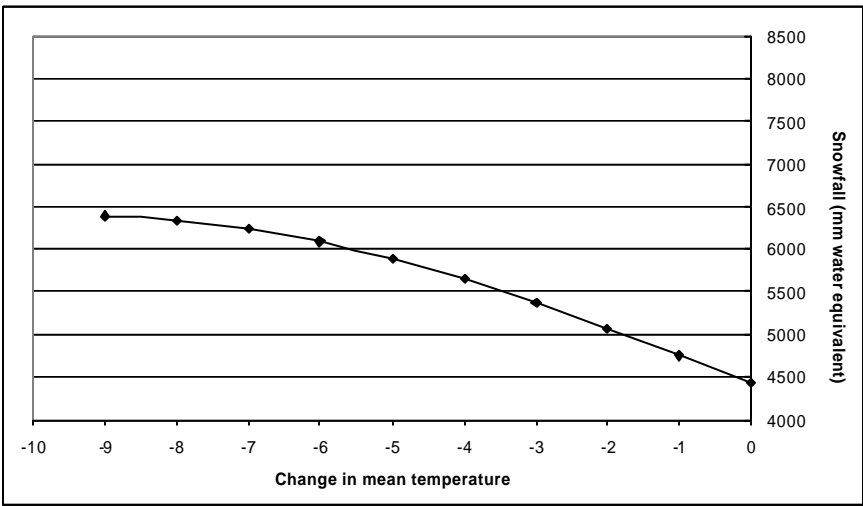


Fig. 3

