

Whistler Mountain, Snow Annual Density & Indices, January 1990 to April 2016

Corresponding to the Atmosphere Ocean paper: Author: Barton, M., email: mark.barton@canada.ca

Twenty-Seven Years of Manual Fresh Snowfall Density Measurements on Whistler Mountain, British Columbia

	Dec to Feb season end Year	Dec to Feb Mean Snow Density (kg/m ³)	National Oceanic Atmospheric Administration Climate Index									
			Mean value of December, January and February Climate Index									
			AO	AO ²	PDO	PDO ²	PNA	PNA ²	ONI	ONI ²	SOL	SOL ²
1	1990	86.746	1.253	1.570	-0.387	0.150	-1.100	1.210	0.063	0.004	2005	4018154
2	1991	96.765	0.375	0.140	-1.813	3.288	-0.097	0.009	0.323	0.105	2258	5096607
3	1992	86.071	1.095	1.199	0.150	0.023	0.417	0.174	1.503	2.260	2245	5041672
4	1993	84.612	1.769	3.128	0.257	0.066	-0.857	0.734	0.147	0.022	1342	1801501
5	1994	87.147	-0.418	0.175	0.957	0.915	-0.550	0.303	0.113	0.013	1065	1133231
6	1995	98.862	0.723	0.523	-0.607	0.368	0.423	0.179	0.883	0.780	841	706945
7	1996	86.559	-1.055	1.112	0.500	0.250	-0.253	0.064	-0.850	0.723	730	532462
8	1997	86.100	-0.096	0.009	0.160	0.026	-0.307	0.094	-0.470	0.221	743	552247
9	1998	89.927	-0.778	0.606	1.020	1.040	0.680	0.462	2.053	4.216	943	889123
10	1999	85.885	0.648	0.420	-0.473	0.224	-0.430	0.185	-1.363	1.859	1449	2100954
11	2000	102.282	1.130	1.276	-1.487	2.210	-0.197	0.039	-1.513	2.290	1673	2798371
12	2001	74.684	-1.312	1.720	0.470	0.221	0.567	0.321	-0.687	0.472	1627	2645502
13	2002	102.346	0.454	0.206	-0.433	0.188	-0.183	0.034	-0.183	0.034	2247	5047661
14	2003	82.205	-0.645	0.416	1.980	3.920	0.990	0.980	0.877	0.769	1419	2014791
15	2004	80.025	-0.983	0.966	0.413	0.171	0.520	0.270	0.270	0.073	1121	1257314
16	2005	97.673	0.105	0.011	0.360	0.130	-0.257	0.066	0.627	0.393	985	969634
17	2006	95.347	-0.810	0.656	0.630	0.397	0.177	0.031	-0.657	0.431	836	698283
18	2007	82.100	1.003	1.006	0.063	0.004	0.467	0.218	0.650	0.423	839	704480
19	2008	81.454	0.859	0.738	-0.783	0.614	-0.283	0.080	-1.343	1.805	744	553834
20	2009	95.051	0.259	0.067	-1.273	1.621	-1.050	1.103	-0.707	0.499	695	483488
21	2010	101.979	-3.422	11.710	0.577	0.333	0.493	0.243	1.230	1.513	810	655506
22	2011	81.739	-0.913	0.834	-0.987	0.974	-1.163	1.353	-1.247	1.554	874	763468
23	2012	96.048	0.655	0.429	-1.340	1.796	0.297	0.088	-0.727	0.528	1277	1630814
24	2013	83.648	-1.122	1.259	-0.347	0.120	-0.320	0.102	-0.363	0.132	1132	1280669
25	2014	77.739	0.183	0.034	0.090	0.008	-0.713	0.509	-0.463	0.215	1603	2569823
26	2015	114.949	0.849	0.721	2.420	5.856	0.333	0.111	0.530	0.281	1433	2053871
27	2016	100.148	-0.010	0.000	1.430	2.045	1.363	1.859	2.130	4.537	1066	1136996