

Timberline

The Timberline Study Plot is located at the Yellowstone Club at 9400 ft. The site provides measurements of air temp, relative humidity, snow accumulations, and snow water content. Wind speed and direction are measured at the top of the Pioneer Ridge (RIDGE, 9800 ft). The 24 hr snow sensor is swept clear each day. [Click here](#) if data have not updated recently. [Original data file](#).

Elevation

9400ft

[Jump to table bottom](#)

Date	Hour	Ridge Speed	Ridge Dir	Ridge Gust	TW 26 Speed	TW 26 Dir	TW 26 Gust	Avg Temp	Avg RH	H2O	New Snow	Total Snow
1 24	1200	8	NW - 297	18	5	N - 342	14	12	83	0.03	3	60.4
1 24	1100	8	W - 280	18	0	N - 15	10	12	85	0.00	2	59.5
1 24	1000	5	W - 278	13	0	N - 10	3	10	85	0.02	2	59.2
1 24	900	11	W - 275	22	2	SE - 150	13	8	88	0.01	1	58.7
1 24	800	16	W - 253	26	7	S - 185	22	9	89	0.03	0	58.4
1 24	700	14	W - 255	28	4	SW - 230	18	10	87	0.05	0	58.1
1 24	600	22	W - 266	33	5	E - 86	17	11	86	0.01	0	58.0
1 24	500	20	W - 253	31	9	S - 195	21	11	71	0.00	0	57.8
1 24	400	24	W - 248	34	13	S - 202	30	11	68	0.00	0	57.9
1 24	300	24	W - 248	33	13	S - 202	27	12	66	0.00	0	57.9
1 24	200	21	W - 250	31	12	SW - 206	24	13	65	0.00	0	58.0
1 24	100	22	W - 248	36	12	SW - 218	31	14	62	0.00	0	58.1
1 23	2400	27	SW - 246	40	13	SW - 204	29	14	65	0.00	0	58.1
1 23	2300	31	SW - 243	44	15	SW - 209	33	15	63	0.00	0	58.2
1 23	2200	24	SW - 247	41	8	SW - 247	29	16	66	0.00	0	58.3
1 23	2100	23	SW - 247	40	13	SW - 227	28	15	66	0.00	0	58.3
1 23	2000	19	W - 253	33	9	S - 198	24	15	61	0.00	0	58.4
1 23	1900	17	W - 257	37	7	S - 199	24	16	57	0.00	0	58.4
1 23	1800	26	SW - 247	40	8	S - 191	22	15	51	0.00	0	58.4
1 23	1700	25	SW - 247	38	9	SW - 203	24	16	56	0.00	0	58.4

Date	Hour	Ridge Speed	Ridge Dir	Ridge Gust	TW 26 Speed	TW 26 Dir	TW 26 Gust	Avg Temp	Avg RH	H2O	New Snow	Total Snow
1 23	1600	23	W - 256	37	6	S - 198	23	18	54	0.00	0	58.4
1 23	1500	22	W - 270	37	4	S - 164	20	18	56	0.00	0	58.4
1 23	1400	20	W - 270	38	2	SE - 115	19	19	59	0.00	0	58.4
1 23	1300	19	W - 278	48	3	S - 201	14	18	62	0.00	0	58.4
1 23	1200	14	W - 265	34	2	S - 163	19	19	58	0.00	0	58.4