

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

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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
2 22	500	17	W - 259	33	7	SW - 223	19	18	80	0.00	0	85.1
2 22	400	10	SW - 247	23	2	S - 194	11	18	81	0.00	0	85.3
2 22	300	9	W - 257	20	3	SW - 237	12	18	78	0.00	0	85.3
2 22	200	11	W - 249	19	4	SW - 225	13	18	80	0.00	0	85.4
2 22	100	15	SW - 245	24	7	SW - 228	15	18	82	0.00	0	85.5
2 21	2400	18	SW - 246	29	12	SW - 232	26	18	83	0.00	0	85.6
2 21	2300	15	W - 255	24	9	SW - 229	19	18	82	0.00	0	85.8
2 21	2200	15	SW - 247	26	8	SW - 223	16	18	82	0.00	0	85.8
2 21	2100	13	W - 251	20	6	SW - 239	15	18	82	0.00	0	86.0
2 21	2000	15	W - 253	22	9	SW - 247	14	18	78	0.00	0	86.1
2 21	1900	14	W - 249	23	8	SW - 243	14	18	80	0.00	0	86.2
2 21	1800	15	SW - 246	21	5	SW - 221	12	19	79	0.00	0	86.2
2 21	1700	18	SW - 237	25	6	SW - 210	16	22	76	0.00	0	86.3
2 21	1600	19	SW - 219	29	4	S - 180	16	24	74	0.00	0	86.4
2 21	1500	17	SE - 134	25	4	S - 195	15	29	68	0.00	0	86.4
2 21	1400	15	SE - 142	23	2	SW - 232	12	30	59	0.00	0	86.5

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
2 21	1300	12	E - 105	19	4	W - 254	14	29	58	0.00	0	86.7
2 21	1200	11	E - 76	16	4	SW - 239	12	31	62	0.00	-6999	86.7
2 21	1100	8	E - 76	16	3	SW - 243	14	30	63	0.00	-6999	86.7
2 21	1000	4	E - 86	9	1	NW - 313	8	22	57	0.00	0	87.2
2 21	900	9	E - 90	14	5	W - 258	13	12	90	0.00	0	87.2
2 21	800	13	E - 88	20	13	SW - 238	18	10	91	0.00	0	87.3
2 21	700	13	E - 84	19	11	SW - 225	18	11	93	0.00	0	87.4
2 21	600	14	E - 88	23	10	SW - 232	23	11	93	0.00	0	87.5
2 21	500	14	E - 89	20	8	SW - 228	21	12	93	0.00	0	87.6