

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
4 3	1700	10	SE - 120	19	1	W - 287	8	26	60	0.00	0	84.3
4 3	1600	8	E - 104	17	2	W - 254	13	30	61	0.00	0	84.3
4 3	1500	9	W - 271	19	4	SW - 234	13	31	58	0.00	0	84.4
4 3	1400	10	E - 98	17	3	SW - 231	15	29	62	0.00	0	84.5
4 3	1300	6	W - 278	12	0	NW - 298	10	27	71	0.00	0	84.6
4 3	1200	9	NE - 54	15	2	SW - 238	11	26	55	0.01	0	84.9
4 3	1100	8	SE - 131	13	3	S - 201	10	24	72	0.00	0	84.8
4 3	1000	6	SE - 154	11	2	S - 199	12	21	77	0.00	0	84.4
4 3	900	8	W - 251	12	5	SW - 230	11	17	86	0.00	0	84.9
4 3	800	9	W - 273	12	6	SW - 234	12	14	92	0.00	0	85.0
4 3	700	10	W - 276	12	3	SW - 208	9	14	89	0.00	0	85.2
4 3	600	10	W - 276	13	5	SW - 226	9	14	92	0.00	1	85.2
4 3	500	8	W - 276	10	3	SW - 238	8	14	92	0.00	1	85.5
4 3	400	7	W - 276	9	5	SW - 244	9	12	92	0.00	1	85.6
4 3	300	5	W - 276	9	3	W - 257	8	12	94	0.00	1	85.6
4 3	200	4	W - 281	7	4	W - 277	9	12	89	0.00	1	85.7

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
4 3	100	3	W - 283	7	1	NW - 297	8	12	91	0.00	1	85.8
4 2	2400	6	W - 283	8	6	NW - 295	9	15	89	0.00	1	85.9
4 2	2300	6	W - 283	8	4	W - 287	8	13	91	0.00	1	85.9
4 2	2200	4	W - 283	6	1	NW - 297	6	15	88	0.00	1	86.0
4 2	2100	7	W - 283	12	3	NW - 317	10	16	94	0.00	2	86.1
4 2	2000	7	W - 283	12	5	NW - 322	11	19	89	0.03	2	86.2
4 2	1900	8	W - 283	15	3	NW - 331	13	21	85	0.00	1	85.7
4 2	1800	7	W - 287	14	5	NW - 333	13	21	77	0.00	1	85.6
4 2	1700	9	W - 291	18	6	NW - 324	14	23	73	0.00	0	85.8