

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 7	400	18	SW - 244	39	3	S - 162	19	13	95	0.02	3	71.5
2 7	300	6	S - 191	13	0	SE - 142	4	12	91	0.06	2	71.1
2 7	200	15	W - 249	27	0	E - 111	12	12	92	0.03	2	70.4
2 7	100	18	W - 251	27	2	S - 168	14	12	90	0.00	0	69.7
2 6	2400	18	SW - 244	26	2	S - 161	16	12	81	0.00	0	69.7
2 6	2300	20	W - 253	28	6	SW - 216	19	12	76	0.00	0	69.8
2 6	2200	19	W - 254	26	4	SW - 209	19	11	84	0.01	0	69.9
2 6	2100	17	W - 258	25	2	S - 165	12	10	86	0.00	0	69.9
2 6	2000	16	W - 268	23	3	S - 175	13	11	86	0.00	0	69.8
2 6	1900	16	W - 267	23	4	S - 185	17	12	88	0.02	0	69.8
2 6	1800	18	W - 264	27	9	SW - 217	24	12	88	0.01	0	69.6
2 6	1700	17	W - 261	28	8	SW - 220	25	13	82	0.00	0	69.6
2 6	1600	14	W - 262	25	10	SW - 229	20	14	73	0.00	0	69.6
2 6	1500	14	W - 268	25	11	SW - 230	23	14	70	0.00	0	69.7
2 6	1400	16	W - 263	28	10	SW - 219	21	17	65	0.00	0	69.8
2 6	1300	16	W - 267	27	9	SW - 212	22	16	66	0.00	0	69.9
2 6	1200	19	W - 267	32	9	SW - 212	20	14	66	0.00	0	69.9
2 6	1100	17	W - 271	31	12	SW - 226	23	13	68	0.00	0	70.0

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 6	1000	18	W - 278	33	12	SW - 232	26	9	75	0.00	0	70.2
2 6	900	23	W - 276	37	15	SW - 217	29	7	80	0.00	4	70.3
2 6	800	24	W - 278	38	15	SW - 221	31	6	81	0.00	4	70.4
2 6	700	23	W - 273	35	15	SW - 222	29	5	81	0.00	4	70.5
2 6	600	24	W - 285	40	12	SW - 209	28	4	81	0.00	4	70.6
2 6	500	29	NW - 294	50	12	S - 190	31	5	80	0.00	4	70.8
2 6	400	31	W - 290	50	16	SW - 208	37	4	80	0.00	4	70.8