

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
12/24	1100	22	S - 198	37	2	E - 84	12	25	57	0.00	0	33.0
12/24	1000	17	SW - 226	31	3	S - 195	17	24	61	0.00	0	32.9
12/24	900	9	SW - 214	18	1	S - 196	6	23	59	0.00	0	33.1
12/24	800	9	S - 197	17	0	SE - 144	5	20	63	0.00	0	33.1
12/24	700	11	SW - 209	18	0	SE - 143	5	20	86	0.00	0	33.1
12/24	600	10	SW - 209	16	5	S - 192	7	18	72	0.00	0	33.1
12/24	500	6	SW - 209	13	0	E - 96	5	19	91	0.00	0	33.4
12/24	400	13	SW - 208	18	0	E - 96	1	19	78	0.00	0	33.1
12/24	300	18	SW - 224	24	2	SE - 140	12	19	85	0.00	0	33.4
12/24	200	14	SW - 227	21	0	SE - 119	7	19	90	0.00	0	33.3
12/24	100	16	SW - 234	23	8	SW - 211	16	20	91	0.00	0	33.5
12/23	2400	13	SW - 232	20	9	SW - 220	20	21	91	0.00	0	33.4
12/23	2300	16	SW - 241	22	13	SW - 228	23	21	93	0.00	0	33.5
12/23	2200	14	SW - 242	21	10	SW - 221	18	21	95	0.00	0	33.5
12/23	2100	16	W - 255	32	7	S - 202	29	22	93	0.00	0	33.6
12/23	2000	16	W - 254	28	10	SW - 216	26	23	92	0.00	0	33.6

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
12 23	1900	13	W - 256	28	5	SW - 205	23	23	95	0.00	0	33.6
12 23	1800	15	W - 258	26	5	S - 198	18	24	94	0.00	0	33.7
12 23	1700	15	W - 255	26	6	S - 186	23	25	94	0.00	0	33.6
12 23	1600	10	W - 256	20	4	SW - 209	14	26	94	0.00	0	33.6
12 23	1500	10	SW - 246	19	5	SW - 217	17	28	90	0.00	0	33.6
12 23	1400	10	SW - 241	18	3	S - 174	11	29	91	0.00	0	33.6
12 23	1300	6	W - 249	13	2	S - 178	8	30	85	0.01	0	33.7
12 23	1200	5	W - 257	10	0	NE - 38	7	30	85	0.00	0	33.7
12 23	1100	7	W - 249	14	1	S - 187	9	29	81	0.01	0	33.7