

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
12/21	600	21	SW - 239	27	14	SW - 221	22	32	44	0.00	0	34.3
12/21	500	22	SW - 238	31	15	SW - 223	25	33	42	0.00	0	34.4
12/21	400	20	SW - 234	30	14	SW - 231	24	33	41	0.00	0	34.5
12/21	300	19	SW - 232	27	8	SW - 215	23	31	56	0.00	0	34.5
12/21	200	16	SW - 236	21	5	SW - 209	16	31	58	0.00	0	34.6
12/21	100	13	SW - 233	21	3	SW - 210	13	30	60	0.00	0	34.6
12/20	2400	14	SW - 233	19	4	SW - 207	13	29	55	0.00	0	34.7
12/20	2300	16	SW - 236	20	5	SW - 216	12	29	51	0.00	0	34.7
12/20	2200	15	SW - 242	29	4	SW - 210	13	31	51	0.00	0	34.7
12/20	2100	16	W - 258	26	6	S - 179	16	32	44	0.00	0	34.8
12/20	2000	16	W - 255	27	7	S - 185	17	31	47	0.00	0	34.9
12/20	1900	17	W - 253	25	10	S - 201	18	31	51	0.00	0	35.0
12/20	1800	22	W - 249	32	10	SW - 210	20	32	47	0.00	0	35.0
12/20	1700	17	W - 255	31	8	SW - 208	21	32	45	0.00	0	35.1
12/20	1600	13	W - 276	30	2	E - 95	11	33	45	0.00	0	35.1
12/20	1500	20	W - 258	38	7	SE - 156	22	34	43	0.00	0	35.0

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
12/20	1400	19	W - 254	37	7	S - 190	25	35	42	0.00	0	35.0
12/20	1300	17	W - 255	35	6	S - 187	20	38	43	0.00	0	35.0
12/20	1200	19	W - 251	34	8	S - 171	21	39	42	0.00	0	35.2
12/20	1100	22	W - 260	40	7	SE - 156	28	37	45	0.00	0	35.3
12/20	1000	19	W - 254	33	7	SW - 209	25	35	43	0.00	0	35.4
12/20	900	23	W - 255	37	11	SW - 206	31	30	51	0.00	0	35.5
12/20	800	23	W - 250	37	13	SW - 219	27	29	53	0.00	0	35.6
12/20	700	22	W - 250	34	13	SW - 203	27	29	56	0.00	0	35.6
12/20	600	20	W - 254	32	12	S - 199	25	30	49	0.00	0	35.7