

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
3 30	1900	9	SE - 134	16	0	SE - 151	8	25	80	0.00	0	79.5
3 30	1800	10	SE - 134	16	3	S - 163	15	28	74	0.00	0	79.7
3 30	1700	6	SE - 133	14	0	NW - 317	7	29	73	0.00	0	79.8
3 30	1600	8	SE - 139	14	3	SW - 204	12	32	69	0.00	0	79.8
3 30	1500	7	NW - 334	13	2	W - 261	13	33	62	0.00	0	80.0
3 30	1400	10	NW - 334	19	4	SW - 235	13	34	70	0.00	0	80.4
3 30	1300	11	SW - 215	16	4	SW - 228	13	33	67	0.00	0	81.0
3 30	1200	8	NE - 58	13	3	SW - 220	11	34	66	0.00	-6999	81.3
3 30	1100	5	SE - 145	9	1	SW - 223	6	30	63	0.00	-6999	81.5
3 30	1000	5	S - 195	9	1	SW - 211	7	24	83	0.00	0	81.4
3 30	900	8	SW - 247	11	2	SW - 210	8	20	92	0.01	4	81.9
3 30	800	8	SW - 238	13	3	SW - 220	8	19	93	0.00	4	82.2
3 30	700	12	SW - 241	17	4	SW - 205	10	19	94	0.00	4	82.3
3 30	600	9	S - 201	14	4	SW - 213	10	19	95	0.00	5	82.4
3 30	500	10	S - 183	20	6	SW - 238	19	19	95	0.00	5	82.7
3 30	400	15	SW - 209	23	11	SW - 233	23	20	94	0.00	5	82.5

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
3 30	300	12	SW - 235	22	6	SW - 227	15	22	95	0.02	5	82.6
3 30	200	10	SW - 237	20	2	SW - 228	13	23	96	0.01	5	82.5
3 30	100	7	SW - 237	17	0	E - 99	9	23	97	0.03	23	82.3
3 29	2400	5	SW - 235	11	0	SE - 123	4	23	96	0.01	4	81.6
3 29	2300	6	SW - 232	10	1	SE - 123	4	24	96	0.00	4	81.5
3 29	2200	6	SW - 234	9	0	E - 94	7	23	97	0.03	4	81.6
3 29	2100	3	SW - 232	6	0	E - 79	4	24	97	0.01	22	81.1
3 29	2000	2	SW - 226	7	0	NE - 65	4	25	98	0.00	3	81.0
3 29	1900	4	SW - 225	13	0	NE - 42	8	27	93	0.03	22	81.1