

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 1	800	12	NE - 42	22	2	SW - 227	15	12	90	0.00	6	85.7
4 1	700	16	S - 176	27	10	SW - 228	30	13	92	0.00	7	86.0
4 1	600	15	S - 201	24	7	SW - 219	25	13	93	0.00	7	85.8
4 1	500	15	S - 185	25	10	SW - 218	25	15	92	0.03	7	86.0
4 1	400	17	S - 174	29	13	SW - 229	29	16	94	0.02	6	85.7
4 1	300	11	SE - 155	25	3	SW - 224	18	16	94	0.00	6	85.8
4 1	200	18	S - 164	28	11	SW - 211	28	18	94	0.04	6	85.8
4 1	100	15	S - 177	28	9	SW - 217	20	19	94	0.07	23	84.6
3 31	2400	14	S - 168	23	7	SW - 219	20	19	95	0.03	4	83.7
3 31	2300	16	S - 159	32	8	W - 249	22	20	96	0.06	22	83.3
3 31	2200	19	S - 159	33	13	SW - 235	28	21	96	0.10	2	81.8
3 31	2100	14	S - 158	29	4	SW - 229	17	22	95	0.04	0	80.5
3 31	2000	13	SE - 152	26	1	SE - 130	11	24	92	0.00	0	79.5
3 31	1900	8	S - 167	22	2	SE - 122	10	26	78	0.00	0	79.3
3 31	1800	15	W - 259	24	2	E - 106	14	27	74	0.00	0	79.5
3 31	1700	16	W - 259	28	3	W - 267	17	27	79	0.01	0	79.7

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
3 31	1600	13	W - 275	25	5	W - 257	20	27	75	0.00	0	79.7
3 31	1500	18	N - 360	35	5	SW - 237	20	32	64	0.00	0	79.7
3 31	1400	25	NE - 48	41	5	S - 181	23	32	66	0.00	0	79.8
3 31	1300	30	NE - 65	47	6	S - 190	29	32	63	0.00	0	79.8
3 31	1200	21	SE - 149	38	3	S - 169	19	31	66	0.00	0	79.7
3 31	1100	12	SW - 216	26	3	SW - 215	12	28	73	0.00	0	79.6
3 31	1000	11	W - 290	21	3	SW - 205	13	27	75	0.00	0	79.6
3 31	900	14	N - 7	23	4	SW - 223	16	23	81	0.00	0	79.7
3 31	800	15	N - 22	21	7	SW - 223	18	20	86	0.00	0	79.7