

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 23	2000	27	N - 349	37	17	SW - 214	32	27	97	0.10	2	83.7
2 23	1900	25	N - 349	36	14	SW - 214	29	28	93	0.05	1	83.0
2 23	1800	23	N - 345	35	12	SW - 210	25	29	89	0.00	0	82.9
2 23	1700	20	N - 346	30	10	SW - 214	22	30	85	0.00	0	82.9
2 23	1600	22	N - 351	31	12	SW - 214	27	31	82	0.00	0	83.0
2 23	1500	24	N - 356	35	14	SW - 216	28	31	81	0.00	0	83.0
2 23	1400	24	N - 359	36	14	SW - 216	26	33	79	0.01	0	83.2
2 23	1300	19	N - 0	31	11	SW - 223	29	35	70	0.00	0	83.2
2 23	1200	22	N - 0	33	12	SW - 207	30	32	71	0.00	0	83.4
2 23	1100	23	N - 358	41	15	SW - 217	37	27	86	0.01	0	83.4
2 23	1000	33	N - 352	49	20	SW - 210	39	28	93	0.08	0	83.4
2 23	900	36	N - 344	51	22	SW - 214	43	29	84	0.00	0	83.1
2 23	800	35	N - 342	51	21	SW - 217	40	28	80	0.00	0	83.2
2 23	700	36	N - 341	54	19	SW - 215	40	27	82	0.00	0	83.2
2 23	600	37	NW - 337	58	14	SW - 214	37	27	79	0.00	0	83.4
2 23	500	31	N - 343	41	17	SW - 216	33	27	81	0.00	0	83.4

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 23	400	24	N - 349	37	17	SW - 228	32	26	79	0.00	0	83.4
2 23	300	21	N - 347	37	10	SW - 243	32	27	78	0.00	0	83.5
2 23	200	15	SE - 124	30	6	W - 260	18	26	77	0.00	0	83.6
2 23	100	15	SE - 123	32	6	W - 257	21	25	76	0.00	0	83.6
2 22	2400	19	SE - 127	32	9	SW - 235	25	23	81	0.00	0	83.6
2 22	2300	16	SE - 131	30	5	SW - 238	21	22	86	0.00	0	83.7
2 22	2200	16	SE - 131	27	7	SW - 225	19	22	85	0.00	0	83.7
2 22	2100	18	SE - 137	31	9	SW - 212	25	22	83	0.00	0	83.8
2 22	2000	23	E - 84	32	7	S - 179	20	22	85	0.00	0	83.9