

## 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 12	500	22	N - 11	31	12	SW - 210	24	24	66	0.00	0	76.3
3 12	400	23	N - 15	34	11	SW - 210	26	25	63	0.00	0	76.3
3 12	300	23	NE - 27	34	14	SW - 219	29	24	54	0.00	0	76.4
3 12	200	23	NE - 33	35	14	SW - 218	26	24	45	0.00	0	76.4
3 12	100	21	NE - 23	34	7	S - 191	23	24	47	0.00	0	76.5
3 11	2400	21	N - 14	33	9	SW - 203	21	24	50	0.00	0	76.5
3 11	2300	20	N - 9	31	7	SW - 204	25	25	51	0.00	0	76.5
3 11	2200	19	N - 359	28	4	SW - 209	23	24	52	0.00	0	76.6
3 11	2100	17	N - 357	28	2	SE - 148	13	25	60	0.00	0	76.6
3 11	2000	18	N - 356	34	4	SW - 209	18	26	54	0.00	0	76.6
3 11	1900	22	N - 351	38	9	SW - 221	27	28	58	0.00	0	76.5
3 11	1800	22	N - 353	39	13	SW - 230	27	30	53	0.00	0	76.6
3 11	1700	24	N - 355	40	15	SW - 231	33	32	47	0.00	0	76.6
3 11	1600	23	N - 358	39	14	SW - 230	31	34	39	0.00	0	76.6
3 11	1500	23	N - 351	40	16	SW - 229	32	36	39	0.00	0	76.7
3 11	1400	21	S - 194	35	14	SW - 230	33	36	34	0.00	0	76.7

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 11	1300	22	S - 171	38	15	SW - 228	32	36	35	0.00	0	76.7
3 11	1200	21	S - 171	37	14	SW - 230	35	33	32	0.00	0	76.8
3 11	1100	20	S - 186	36	10	SW - 240	28	29	34	0.00	0	76.8
3 11	1000	26	S - 171	39	17	SW - 231	35	26	39	0.00	0	76.9
3 11	900	24	S - 184	37	17	SW - 230	31	23	43	0.00	0	76.9
3 11	800	25	SW - 203	37	18	SW - 228	30	22	45	0.00	0	77.0
3 11	700	27	SW - 203	38	19	SW - 223	31	22	54	0.00	0	77.0
3 11	600	26	SW - 220	35	19	SW - 225	29	22	59	0.00	0	77.0
3 11	500	27	SW - 220	37	19	SW - 224	34	22	56	0.00	0	77.0