

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
1 20	1900	18	W - 252	29	11	SW - 235	20	-3	58	0.00	0	58.6
1 20	1800	19	W - 249	31	11	SW - 224	21	-5	62	0.00	0	58.5
1 20	1700	22	SW - 243	28	12	SW - 232	21	-4	62	0.00	0	58.4
1 20	1600	16	SW - 244	23	9	SW - 229	19	-2	61	0.00	0	58.5
1 20	1500	13	W - 252	21	4	SW - 229	14	-0	66	0.00	0	58.5
1 20	1400	13	W - 278	21	3	W - 248	12	-0	56	0.00	0	58.5
1 20	1300	14	W - 292	24	3	W - 292	13	-2	58	0.00	0	58.5
1 20	1200	14	W - 292	24	5	NW - 306	15	-4	48	0.00	0	58.4
1 20	1100	13	NW - 304	21	8	NW - 311	18	-7	55	0.00	-6999	58.4
1 20	1000	13	NW - 324	24	6	NW - 334	19	-8	56	0.00	-6999	58.5
1 20	900	13	NW - 334	24	11	NW - 322	23	-13	57	0.00	0	58.6
1 20	800	13	NW - 333	29	17	NW - 323	32	-15	61	0.00	0	58.7
1 20	700	15	NW - 329	30	16	NW - 323	33	-16	62	0.00	0	58.7
1 20	600	18	NW - 323	29	13	NW - 318	27	-18	66	0.00	0	58.7
1 20	500	17	NW - 322	27	13	NW - 319	26	-18	65	0.00	0	58.6
1 20	400	18	NW - 314	27	12	NW - 317	23	-18	67	0.00	0	58.6

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
1 20	300	12	N - 338	25	6	N - 345	22	-17	63	0.00	0	58.8
1 20	200	11	N - 338	30	4	NW - 335	21	-19	62	0.00	0	59.0
1 20	100	13	NW - 318	24	5	NW - 308	18	-18	72	0.00	0	58.9
1 19	2400	13	NW - 311	23	10	NW - 304	22	-18	67	0.00	0	58.9
1 19	2300	9	NW - 299	20	8	W - 292	15	-18	69	0.00	0	59.1
1 19	2200	7	W - 288	16	7	W - 283	13	-18	73	0.00	0	59.0
1 19	2100	11	NW - 322	24	11	NW - 312	24	-16	75	0.00	0	58.9
1 19	2000	15	N - 338	38	17	NW - 325	38	-14	74	0.00	0	59.2
1 19	1900	11	N - 350	33	15	NW - 334	39	-11	77	0.00	0	59.1