

## 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
12/30	1000	13	NW - 295	27	2	SE - 121	11	13	89	0.01	0	49.2
12/30	900	14	NW - 295	26	1	E - 80	11	12	90	0.02	0	49.3
12/30	800	15	W - 289	26	1	N - 340	18	13	91	0.04	13	49.2
12/30	700	15	W - 287	29	2	SW - 233	19	13	92	0.04	13	48.6
12/30	600	10	W - 265	26	2	SE - 146	15	14	92	0.04	12	47.9
12/30	500	13	W - 286	24	2	NW - 315	13	14	92	0.03	11	47.5
12/30	400	15	W - 290	26	4	NW - 300	15	13	89	0.00	11	47.2
12/30	300	14	W - 292	32	2	NE - 63	19	14	91	0.01	11	47.1
12/30	200	18	W - 292	34	4	N - 344	24	15	90	0.00	11	47.1
12/30	100	20	W - 290	38	3	NE - 42	17	16	91	0.01	11	47.3
12/29	2400	20	W - 292	39	3	N - 17	18	17	89	0.02	11	47.0
12/29	2300	19	W - 289	37	5	E - 81	24	17	86	0.00	11	47.0
12/29	2200	22	W - 282	40	4	E - 69	22	18	87	0.00	11	47.0
12/29	2100	25	W - 282	48	4	NE - 61	23	19	90	0.00	11	47.1
12/29	2000	19	W - 261	32	8	S - 192	25	22	94	0.10	10	47.0
12/29	1900	19	W - 252	31	9	S - 200	25	22	96	0.06	10	46.5

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
12 29	1800	21	W - 254	35	12	S - 200	35	23	96	0.02	9	46.3
12 29	1700	24	SW - 243	34	15	SW - 210	30	23	97	0.09	9	46.2
12 29	1600	26	SW - 232	36	15	SW - 206	31	24	96	0.11	7	45.6
12 29	1500	28	SW - 230	46	12	S - 198	37	25	95	0.11	5	44.8
12 29	1400	29	SW - 229	41	13	S - 196	32	25	95	0.02	4	44.2
12 29	1300	37	SW - 231	48	17	S - 201	35	26	92	0.00	23	44.1
12 29	1200	33	SW - 231	46	18	S - 195	38	25	91	0.00	3	44.3
12 29	1100	31	SW - 231	41	19	SW - 204	42	24	92	0.00	2	44.6
12 29	1000	30	SW - 226	40	16	SW - 203	35	23	94	0.00	1	44.7