

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
5 8	1900	-28	W - 259	-28	0	SW - 239	9	46	66	0.01	0	67.5
5 8	1800	-28	W - 259	-28	0	NE - 23	5	49	48	0.00	0	67.7
5 8	1700	-28	W - 259	-28	0	S - 174	9	51	52	0.00	0	67.5
5 8	1600	-28	W - 259	-28	2	W - 253	34	48	52	0.03	0	67.7
5 8	1500	-28	W - 259	-28	1	NW - 293	11	54	34	0.00	0	67.9
5 8	1400	-28	W - 259	-28	2	NW - 321	16	52	43	0.00	0	68.5
5 8	1300	-28	W - 259	-28	1	E - 109	11	52	42	0.00	0	68.7
5 8	1200	-28	W - 258	-28	1	W - 255	13	53	40	0.00	0	69.0
5 8	1100	-29	W - 258	-28	0	W - 282	10	52	40	0.00	0	69.2
5 8	1000	-29	W - 258	-29	0	W - 282	5	50	40	0.00	0	69.2
5 8	900	-29	W - 258	-29	1	SW - 240	15	47	44	0.00	0	69.3
5 8	800	-29	W - 258	-29	6	SW - 212	17	40	69	0.00	0	69.4
5 8	700	-29	W - 258	-29	10	SW - 221	20	38	67	0.00	0	69.5
5 8	600	-29	W - 258	-29	8	SW - 217	19	37	72	0.00	0	69.5
5 8	500	-29	W - 258	-29	8	SW - 230	19	38	73	0.00	0	69.5
5 8	400	-29	W - 258	-29	7	SW - 231	16	38	70	0.00	0	69.5
5 8	300	-29	W - 258	-29	11	SW - 225	18	38	71	0.00	0	69.6

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
5 8	200	-29	W - 258	-29	8	SW - 214	18	38	70	0.00	0	69.6
5 8	100	-29	W - 258	-29	6	SW - 215	20	38	70	0.00	0	69.7
5 7	2400	-29	W - 258	-29	9	SW - 217	17	38	69	0.00	0	69.6
5 7	2300	-29	W - 258	-29	5	SW - 214	15	38	68	0.00	0	69.7
5 7	2200	-29	W - 258	-29	5	SW - 210	15	38	70	0.00	0	69.7
5 7	2100	-29	W - 258	-29	3	SW - 205	14	39	71	0.00	0	69.7
5 7	2000	-29	W - 258	-29	8	SW - 213	19	41	67	0.00	0	69.6
5 7	1900	-29	W - 258	-28	4	SW - 237	15	43	61	0.00	0	69.6
5 7	1800	-28	W - 258	-28	7	SW - 226	20	47	55	0.00	0	69.7
5 7	1700	-28	W - 258	-28	5	SW - 215	19	50	53	0.00	0	69.8
5 7	1600	-28	W - 258	-28	4	S - 197	18	51	45	0.00	0	70.3
5 7	1500	-28	W - 258	-28	1	NE - 49	11	47	51	0.00	0	70.7
5 7	1400	-28	W - 258	-28	1	NE - 42	11	48	57	0.00	0	70.9
5 7	1300	-29	W - 258	-28	2	SE - 138	14	49	54	0.00	0	71.5
5 7	1200	-29	W - 258	-29	2	S - 164	14	48	57	0.00	0	71.8
5 7	1100	-29	W - 258	-29	2	S - 194	11	49	53	0.00	0	72.1
5 7	1000	-29	W - 258	-29	2	S - 176	12	48	71	0.00	0	72.0
5 7	900	-29	W - 258	-29	3	S - 189	11	47	62	0.00	0	71.9
5 7	800	-29	W - 258	-29	3	S - 196	12	37	73	0.00	0	72.2
5 7	700	-29	W - 258	-29	5	SW - 214	14	32	91	0.00	0	71.7
5 7	600	-29	W - 258	-29	7	SW - 221	16	31	95	0.00	0	71.8
5 7	500	-29	W - 258	-29	11	SW - 225	16	31	94	0.00	0	72.0
5 7	400	-29	W - 258	-29	10	SW - 235	17	32	94	0.00	0	72.0
5 7	300	-29	W - 258	-29	8	SW - 237	20	31	94	0.00	0	72.2
5 7	200	-29	W - 258	-29	2	W - 281	13	31	94	0.00	0	72.4

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
5 7	100	-29	W - 258	-29	0	S - 188	8	30	97	0.00	0	72.3
5 6	2400	-29	W - 258	-29	0	S - 181	8	31	97	0.00	0	72.6
5 6	2300	-29	W - 258	-29	1	S - 189	10	31	96	0.00	0	72.5
5 6	2200	-29	W - 258	-29	0	SE - 136	5	31	98	0.00	0	72.5
5 6	2100	-29	W - 258	-29	0	SE - 133	1	33	96	0.00	0	72.6
5 6	2000	-29	W - 258	-29	0	E - 99	1	34	94	0.00	0	72.8
5 6	1900	-29	W - 258	-29	0	E - 87	4	35	96	0.00	0	73.0
5 6	1800	-29	W - 258	-29	0	E - 95	2	36	90	0.00	0	73.2
5 6	1700	-29	W - 258	-29	0	E - 75	3	35	90	0.00	0	73.6
5 6	1600	-29	W - 258	-29	0	E - 74	4	35	89	0.00	0	73.8
5 6	1500	-29	W - 258	-29	0	E - 73	5	34	90	0.00	0	74.1
5 6	1400	-29	W - 258	-29	0	E - 91	6	33	91	0.00	0	74.5
5 6	1300	-29	W - 258	-29	1	E - 82	8	32	93	0.00	0	74.9
5 6	1200	-29	W - 258	-29	2	E - 74	6	31	95	0.00	0	75.0
5 6	1100	-29	W - 258	-29	0	NE - 67	7	28	93	0.00	0	75.2
5 6	1000	-29	W - 258	-29	0	E - 70	4	27	96	0.00	0	75.2
5 6	900	-29	W - 258	-29	0	E - 94	4	25	96	0.00	0	75.4
5 6	800	-29	W - 258	-29	1	E - 94	5	22	97	0.00	1	75.5
5 6	700	-29	W - 258	-29	0	E - 87	4	20	96	0.00	1	75.7
5 6	600	-29	W - 258	-29	1	E - 79	6	20	96	0.00	1	75.8
5 6	500	-29	W - 258	-29	0	E - 77	5	21	96	0.00	1	75.9
5 6	400	-29	W - 258	-29	1	NE - 54	5	21	97	0.00	1	76.0
5 6	300	-29	W - 258	-29	2	NE - 46	8	21	97	0.00	1	76.1
5 6	200	-29	W - 258	-29	2	NE - 52	11	21	97	0.00	1	76.3
5 6	100	-29	W - 258	-29	5	NE - 56	15	21	97	0.00	1	76.4
5 5	2400	-29	W - 258	-29	6	NE - 37	15	21	97	0.00	2	76.9
5 5	2300	-29	W - 258	-29	7	NE - 32	20	21	97	0.01	2	77.1
5 5	2200	-29	W - 258	-29	8	NE - 24	22	20	97	0.00	2	77.3
5 5	2100	-29	W - 258	-29	10	N - 11	25	20	96	0.01	2	77.0
5 5	2000	-29	W - 258	-29	11	N - 7	22	20	97	0.00	3	76.0