

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 25	1600	17	NW - 306	27	3	S - 195	14	42	58	0.00	0	84.4
3 25	1500	14	NW - 326	25	5	SW - 205	15	44	58	0.00	0	84.6
3 25	1400	14	NW - 334	21	7	S - 189	17	42	61	0.00	0	85.2
3 25	1300	13	N - 0	23	2	W - 278	11	42	54	0.00	0	85.5
3 25	1200	10	E - 104	23	0	NE - 32	11	41	62	0.00	0	85.6
3 25	1100	11	SE - 114	23	0	NE - 25	8	37	62	0.00	0	85.7
3 25	1000	14	SE - 134	29	2	N - 10	21	34	71	0.00	0	85.8
3 25	900	15	SE - 129	30	2	SE - 120	12	30	82	0.00	0	85.9
3 25	800	14	SE - 153	32	1	E - 105	10	29	87	0.00	0	85.9
3 25	700	17	SE - 153	32	2	E - 82	13	30	87	0.00	0	86.0
3 25	600	14	SE - 131	32	1	NE - 60	16	30	87	0.00	0	86.0
3 25	500	20	SE - 150	42	3	SE - 136	19	30	86	0.00	0	86.1
3 25	400	21	SE - 126	40	7	S - 182	23	30	86	0.00	0	86.1
3 25	300	17	E - 109	33	3	E - 89	15	30	85	0.00	0	86.2
3 25	200	20	E - 89	33	3	E - 81	23	30	82	0.00	0	86.3
3 25	100	19	E - 97	42	2	E - 102	12	30	82	0.00	0	86.4
3 24	2400	18	SE - 116	39	3	E - 92	17	31	83	0.00	0	86.4
3 24	2300	17	SE - 130	37	2	E - 95	13	30	82	0.00	0	86.5

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
3 24	2200	15	SE - 123	32	2	E - 83	15	30	81	0.00	0	86.5
3 24	2100	14	SE - 124	31	3	E - 74	17	31	81	0.00	0	86.6
3 24	2000	22	E - 80	42	4	SE - 114	17	32	78	0.00	0	86.6
3 24	1900	19	E - 82	39	4	SE - 146	23	33	80	0.00	0	86.6
3 24	1800	19	NE - 66	35	3	SE - 114	17	34	77	0.01	0	86.8
3 24	1700	24	N - 12	39	3	E - 76	20	36	77	0.00	0	86.9
3 24	1600	22	N - 345	40	6	S - 181	25	38	70	0.00	0	87.2