

Monday October 28, 2019 Issued 9:00 am

**Cautionary Notes/Highlights:** Winds weaken today as the weekend's trough quickly exits the region. Another trough will dig south over the Great Basin on Tuesday and enhance north winds again with more of NE'erly pressure gradient.

## SHORT TERM FORECAST

TODAY	6HrMax		Wind	Wind	Wind	Max	Min	Synopsis:
	KBDI	FFWI6	Spd	Gust	Dir	Temp	RH	
Happy Camp	360	8	3	12	NE-E	65	13%	Winds weaken today and temperatures warm up a few degrees. A dry air mass remains in place.
Weed	493	13	5	15	SE→N	59	15%	
Mt. Shasta	559	18	7	16	NW-NE	58	16%	
Dunsmuir	531	14	5	13	N-NE	63	12%	
Snowbrush	436	8	3	9	NW-NE	55	16%	

TONIGHT			Wind	Wind	Wind	Min	Min	Synopsis:
			Spd	Gust	Dir	Temp	RH	
Happy Camp	--	--	2	6	E-NE	25-29	55%	North winds may remain somewhat active through the Mt Shasta area as a trough of low pressure begins to dive south out of Canada.
Mt. Shasta Area	--	--	6	14	N-NE	22-32	40%	

Tuesday			Wind	Wind	Wind	Max	Min	Synopsis:
	KBDI	FFWI6	Spd	Gust	Dir	Temp	RH	
Happy Camp	363	32	14	32	NE-E	56	10%	The trough diving south out of Canada will retrograde back into the Great Basin. This could enhance winds with more of NE'erly gradient. If this is the case winds could be periodically windy at places favored by NE'erly flow (i.e. Happy Camp, Weed & Dunsmuir).
Weed	495	35	15	31	NE-NW	50	10%	
Mt. Shasta	560	23	9	23	NE-NW	48	13%	
Dunsmuir	533	24	9	30	NE-NW	54	9%	
Snowbrush	439	17	7	22	NE-NW	45	15%	

Tuesday Night			Wind	Wind	Wind	Min	Min	Synopsis:
			Spd	Gust	Dir	Temp	RH	
Happy Camp	--	--	4	11	E-NE	23-27	35%	Winds should begin to weaken, but could remain breezy at times in some areas around Mt. Shasta or Dunsmuir.
Mt. Shasta Area	--	--	9	20	N-NE	22-29	30%	

Wednesday			Wind	Wind	Wind	Max	Min	Synopsis:
	KBDI	FFWI6	Spd	Gust	Dir	Temp	RH	
Happy Camp	366	17	6	15	NE-E	63	10%	The general wind pattern turns more easterly, which may cause winds to vary between NE and SE around Mt Shasta. Otherwise, winds should lighter and temperatures should warm up several degrees.
Weed	497	23	8	18	NE-SE	56	8%	
Mt. Shasta	562	23	8	19	NE-SE	56	9%	
Dunsmuir	535	18	6	16	NE-N	61	7%	
Snowbrush	442	11	4	14	NE-SE	52	11%	

7 Day	Happy Camp		Weed		Mt. Shasta		Dunsmuir		Snowbrush	
	KBDI	FFWI6	KBDI	FFWI6	KBDI	FFWI6	KBDI	FFWI6	KBDI	FFWI6
TODAY	360	8	493	13	559	18	531	14	436	14
Tuesday	363	32	495	35	560	23	533	24	439	17
Wednesday	366	17	497	23	562	23	535	18	442	11
Thursday	370	8	499				19			
Friday	373	8	501				13			
Saturday	376	8	504				10			
Sunday	379	7	506				9			
AVG KBDI					AVG FFWI6					

## HAPPY CAMP/SEIAD VALLEY EXTENDED FORECAST

Day	Avg KBDI	Max FFWI6	Wind Spd	Wind Gust	Wind Dir	Max Temp	Min RH
Thursday	370	8	3	10	E	66	12%
Friday	373	8	3	9	NE-E	71	20%
Saturday	376	8	3	9	E→W	73	20%
Sunday	379	7	3	9	E→W	75	30%

### Extended Forecast Synopsis:

A broad ridge of high pressure shifts a little further inland on Thursday and appears to linger around through the weekend. This should continue to deflect storm activity to the north for the time being and keep warm, dry and relatively calm conditions in place.

## MT. SHASTA AREA EXTENDED FORECAST

Day	Avg KBDI	Max FFWI6	Wind Spd	Wind Gust	Wind Dir	Max Temp	Min RH
Thursday	499	19	7	17	NE-NW	61	12%
Friday	501	13	5	13	NE-NW	68	18%
Saturday	504	10	4	13	Var	70	18%
Sunday	506	9	4	13	Var	70	27%

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## PacifiCorp Weather Station Network Daily Meteorological Summary Sunday, October 27, 2019

	Temperature				Rain		RH	Dew Pt	Fire Indices		WIND			Fuels	
	Max °F	Time occur	Min °F	Time occur	Today in	Seasonal in			6HrMax FFWI	KBDI	Avg mph	Gust mph	Gust Dir	Max Temp	Avg Moisture
Dunsmuir	53.4	15:27	31.9	01:01	0.00	2.40	21	17.1	11	529	4.8	27.1	NNW	66.3	6.7
Lake Siskiyou	51.6	16:27	25.8	00:58	0.00	1.61	22	16.7	4	557	1.3	18.4	WSW	-	-
Snowbrush	45.9	15:43	21.9	07:01	0.00	2.51	25	12.9	4	434	1.7	12.2	W	65.5	8.4
Pollard Flat	59.0	16:20	42.2	00:00	0.00	2.35	16	16.7	26	530	7.7	33.2	NNE	67.8	4.9
North Mt Shasta City	48.3	16:46	24.9	00:59	0.00	1.91	22	14.0	14	524	5.3	22.4	WNW	-	-
SW Weed	50.7	16:17	24.2	00:25	0.00	2.91	21	15.2	9	415	5.0	20.0	NW	73.6	6.6
West Weed	48.4	16:09	27.7	06:49	0.00	3.01	21	15.3	5	430	1.8	15.2	N	-	-
North Weed	52.2	15:20	25.0	00:17	0.00	1.77	17	14.4	25	491	11.7	30.9	N	-	-
Seiad	59.5	16:14	32.8	00:59	0.00	3.60	18	23.2	5	334	2.6	26.7	SW	80.4	8.2
Happy Camp	60.5	16:05	33.1	00:55	0.00	3.34	15	19.8	22	357	8.2	31.9	NNE	-	-

\*Please email forecaster@westernwx.com by noon on Fridays to request weekend forecasting