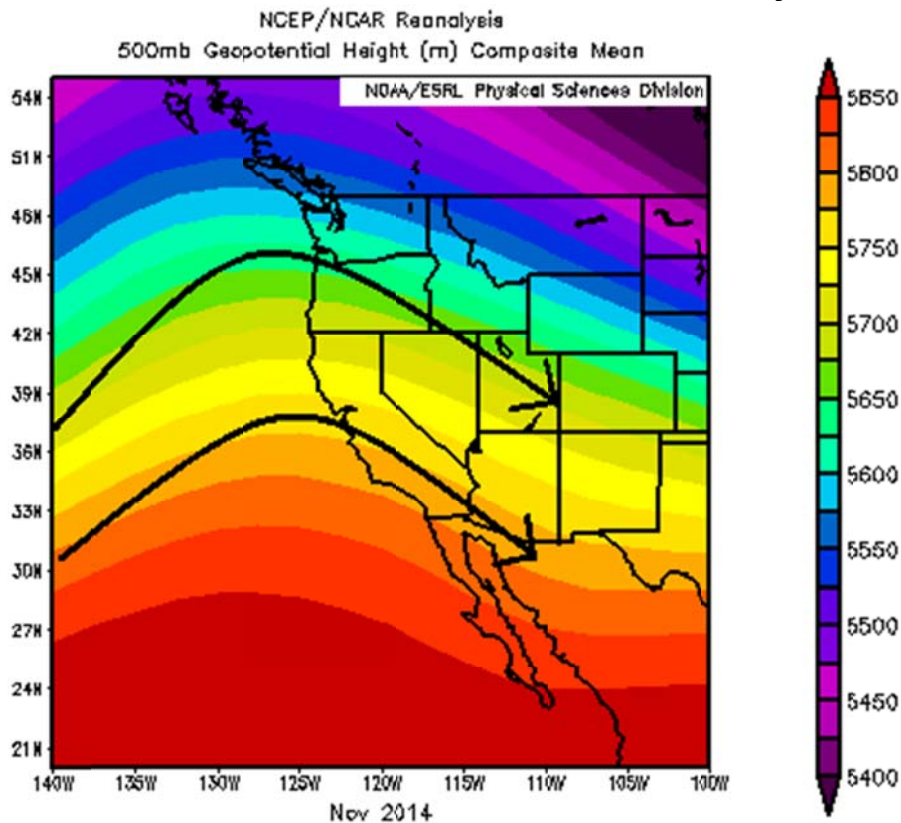


November 2014 Climate Summary



Average location of November ridge depicted by 500 mb heights. Courtesy: NOAA/ESRL

November is the last month of meteorological fall and usually a time when much cooler temperatures are observed on the NNSS. However, this was not the case in November 2014. The “warm” and dry conditions that were observed in October persisted well into the month as high pressure remained over the West. There were a few exceptions when weather systems brought more “fall-like weather” to our area.

November started with the only widespread precipitation event of the month. On the first and second, Schooner Crater in the far northwest corner of the site recorded 0.47” of precipitation. This proved to be the highest monthly total for the site. Once this system departed the area, high pressure built over the West and produced well above seasonal average temperatures through the 10th. Many locations recorded their highest reading on the afternoon of the 8th when several locations exceeded 80 degrees.

A strong cold front passed through the NNSS on the evening of the 14th. It was accompanied by gusty northerly winds and much cooler temperatures. This led to a cool morning on the 16th when light winds and dry air combined to produce the first widespread freeze of the season. High pressure built over the West once again and persisted through the end of the month. There was an increase in clouds and wind at end the month as a series of Pacific systems passed to the north of the area.

A fairly common occurrence at the NNSS during this time of year is the large diurnal temperature range on the dry lakes. On the 29th, Meda 5 in Area 5 observed a morning low of 16 degrees and an afternoon high of 71 - a 55 degree temperature range!

Below is data for some select locations.

<u>Station</u>	<u>Highest (°F)</u>	<u>Date</u>	<u>Lowest (°F)</u>	<u>Date</u>	<u>Precipitation (in.)</u>
Meda 23 (Mercury)	79	08	32	16	M
Desert Rock Airport	81	06	28	25	M
Meda 05 (W5B)	81	08	15	28	0.03
Meda 40 (Rainier Mesa)	63	07	13	16	0.20
Meda 43 (Yucca Dry Lake)	80	08	17	25	0.01

M = missing data

Hazardous Weather Notifications:

No Hazardous Weather Notifications were issued.

James Wood