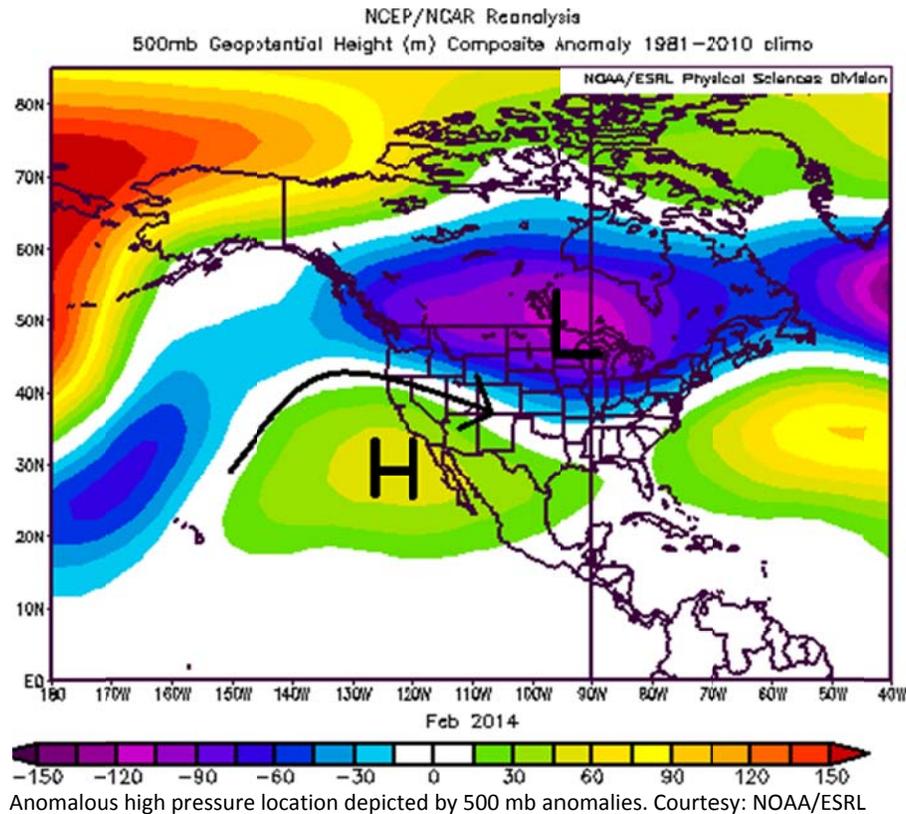


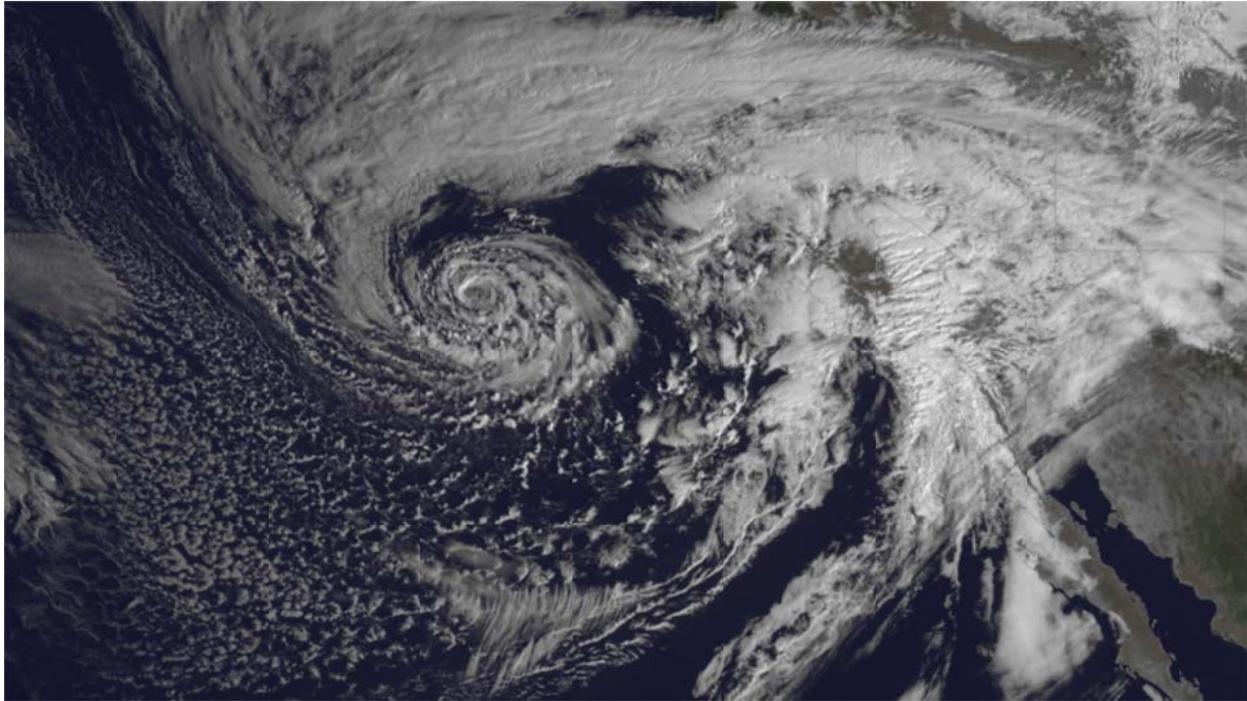
# February 2014 Climate Summary



The pattern shift at the end of January that brought much needed rainfall to northern California and Nevada continued into the first week of February. The persistent area of high pressure that had kept the area “warm” and dry for most of the winter was suppressed to the south allowing several systems to have an impact on our weather. Much cooler air overspread the area through the 7<sup>th</sup> with temperatures falling to below average levels.

Conditions returned to those observed during December and January as high pressure once again expanded northward along the west coast during the middle of the month. It remained in place for several weeks deflecting Pacific systems well to the north. The NNS observed mostly sunny skies with relatively warm temperatures during this time. Afternoon highs peaked on the 16<sup>th</sup> with the lower elevations reaching the mid 70’s. A brief pattern shift on the 19<sup>th</sup> allowed a cold front to traverse the area. Gusty winds associated with the front prompted the first hazardous weather advisory since the beginning of December.

February ended on an active note as a strong Pacific jet stream undercut the high. The 27<sup>th</sup> and 28<sup>th</sup> observed the first significant systems since November to impact the area. The first on the 27<sup>th</sup> had limited moisture so only some light showers were observed. It did bring windy conditions with some sites experiencing gusts above 40 mph. The second and stronger Pacific system approached the coast on the morning of the 28<sup>th</sup>. Widespread precipitation was observed with several sites recording over an inch. Meda 14 in Mid Valley received the most with 1.76 inches of rain. Due to the warm nature of these systems, snow was observed only at the highest elevations.



Strong area of low pressure located off the California coast on Feb 28<sup>th</sup>.

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)	72	16	30	02	0.55
Desert Rock Airport	76	16	24	04	0.42
Meda 05 (W5B)	76	16	12	02	0.66
Meda 40 (Rainer Mesa)	60	13	11	01	0.93
Meda 43 (Yucca Dry Lake)	71	13	16	02	0.77

**Hazardous Weather Notifications:**

A Wind Advisory was issued on February 19<sup>th</sup> from 0730 to 2200.

A Wind Advisory was issued on February 27<sup>th</sup> from 0800 to 2000.

James Wood