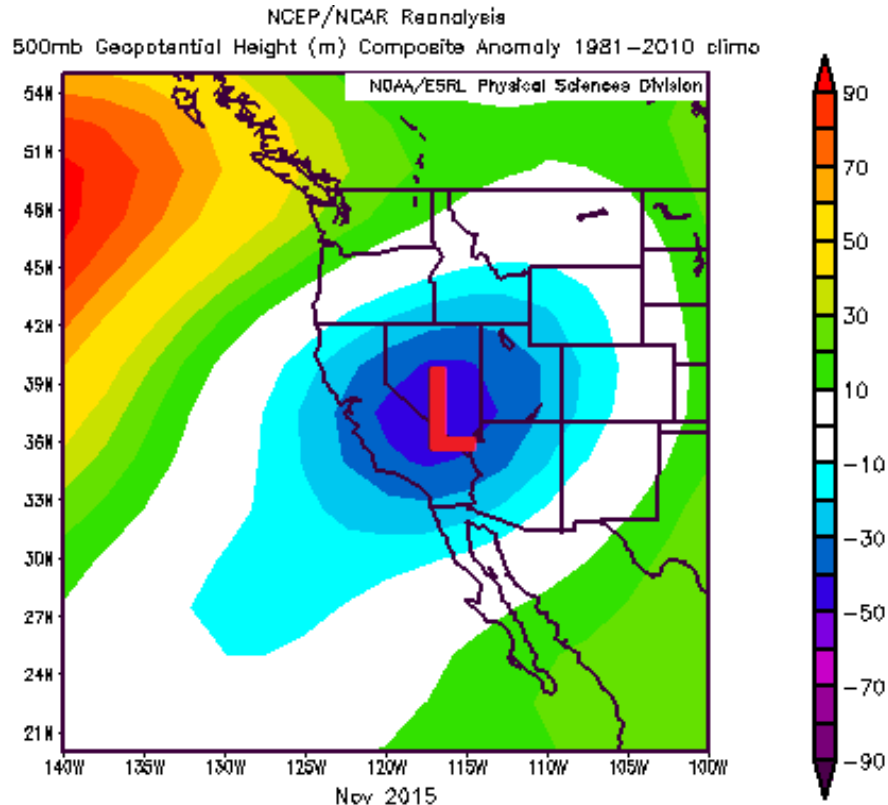


NNSS Climate Summary

November 2015



500 mb height anomalies for November 2015. Courtesy: NOAA/ESRL

A strong El Niño was present in the tropical Pacific and continued to influence the atmosphere during the month of November. The image above depicts a low pressure anomaly over the southwestern United States which resulted in well below average temperatures and light precipitation.

November started off warm with the highest temperatures of the month being recorded on the first and second. A significant pattern change occurred on the third and lasted until the 17th. During this time several systems moved across the NNSS bringing light precipitation and much cooler air. High pressure briefly warmed temperatures to above average levels from the 19th to the 24th but the month ended with a cold storm settling over the Southwest. Some light precipitation was recorded but the main impact was the cold temperatures. Nighttime lows were well below freezing at most locations while daytime highs at the warmest locations struggled to reach 50°F.

Drought information: The U.S. Drought Monitor has the NNSS classified D2 (Severe Drought)

El Niño update: A strong El Niño is present in the equatorial Pacific. Forecast models are predicting this event to continue through the winter of 2015-16.

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> |
|---------------------|---------------------|-------------|--------------------|-------------|----------------------------|
| Mercury | 74 | 2 | 30 | 28 | 0.12 |
| Desert Rock Airport | 76 | 1, 2 | 21 | 30 | 0.20 |
| Frenchman Flat | 76 | 1 | 13 | 30 | 0.17 |
| Rainier Mesa | 59 | 1 | 11 | 28 | 0.58 |
| Yucca Dry Lake | 73 | 1 | 15 | 30 | 0.07 |

Monthly highlights:

Highest temperature: 78°F at Gate 510 in Area 25 (M50)

Lowest temperature: 10°F at Schooner Crater (M29)

Highest precipitation: 0.80" at Schooner Crater (M29)

Lowest precipitation: 0.05" at Decon Underground Disposal (M43)

Hazardous Weather Notifications:

A Wind Advisory was issued for November 2nd from 0800 to 2200 PDT.

A Freeze Warning was issued for November 4-6 from 0200 to 1000 PST.

A Wind Advisory was issued for November 9th from 0800 to 2000 PST.

A Wind Advisory was issued for November 16th from 0700 to 2000 PST.

A Wind Advisory was issued for November 24th from 0800 to 2359 PST.

James Wood