**Forecast Links Page**

The links below are all to weather maps similar to maps that Meteorologists use in the field to make their weather forecasts every day. All of these maps were used in the Weather Briefing at the beginning of the unit.

**Forecast Verification**

Use this page to verify your forecast from yesterday. These are hourly observations from a weather instrument at the Four Corners Regional Airport:

<http://www.wrh.noaa.gov/mesowest/getobext.php?sid=KFMN>

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**Main Forecast Maps -**

* Today's High - <https://graphical.weather.gov/images/newmexico/MaxT1_newmexico.png>
* Tomorrow's Low - <https://graphical.weather.gov/images/newmexico/MinT1_newmexico.png>
* 24 Hour Rainfall Total - <http://www.wpc.ncep.noaa.gov/qpf/fill_94qwbg.gif>
* 5pm Wind Speed and Direction - <https://graphical.weather.gov/images/newmexico/WindSpd4_newmexico.png>
* 5 pm Sky Conditions - <https://graphical.weather.gov/images/newmexico/Sky4_newmexico.png>

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Clear Skies | FEW Clouds | SCT (Scattered) Clouds | BKN (Broken) Clouds | OVC (Overcast) Clouds |
| 0-10% | 10% - 25% | 25% - 50% | 50% - 75% | 75% - 100% |

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**Upper Air Maps -** These maps can show were low pressure systems (think rain) and high pressure systems (think dry weather) are. The 850mb map also shows were moisture is (look for the green!):

* 250mb (34,000 feet) - <http://weather.rap.ucar.edu/upper/upaCNTR_250.gif>
* 500mb (18,000 feet) - <http://weather.rap.ucar.edu/upper/upaCNTR_500.gif>
* 850mb (5,000 feet) - <http://weather.rap.ucar.edu/upper/upaCNTR_850.gif>

**Weather Satellites -** The visible and infrared satellite show where clouds are, while the water vapor shows were moisture is in the upper atmosphere**:**

* Water Vapor - <http://www.ssd.noaa.gov/goes/west/weus/h5-loop-wv.html>
* Infrared Satellite - <http://www.ssd.noaa.gov/goes/west/weus/h5-loop-avn.html>
* Visible Satellite - <http://www.ssd.noaa.gov/goes/west/weus/h5-loop-vis.html>

**Radar Images -** Use these to see where showers and thunderstorms currently are**:**

* Southwest United States Radar - <https://radar.weather.gov/Conus/southrockies.php>

**Current Weather Maps -** These maps show the high and low pressure systems, fronts, and current observations**:**

* United States Surface Map - <http://www.wpc.ncep.noaa.gov/#page=sfc>
* Southwest United States Surface Map - <http://www.wpc.ncep.noaa.gov/sfc/namswsfcwbg.gif>

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**Outlook Forecast Maps -** These maps are from the Weather Prediction Center and Storm Prediction Center and show outlooks for flooding, rainfall, and thunderstorm outlooks.

* Excessive Rainfall/Flooding Threat Map - <http://www.wpc.ncep.noaa.gov/#page=ero>
* Rainfall Amount Forecast Map - <http://www.wpc.ncep.noaa.gov/#page=qpf>
* Strong/Severe Thunderstorm Map - <http://www.spc.noaa.gov/products/outlook/day1otlk.html>

**National Forecast Maps -** Forecast Maps showing locations of fronts, high/low pressure, and chances of precipitation**:**

* <http://www.wpc.ncep.noaa.gov/#page=ovw>