

## Weather products available online

Useful web pages (all links are available on the 6700 Weather Links web page)

- Class web page – observation, guidance, NAM, and GFS archives
- NCAR Real-time Weather Data – satellite images, surface maps, radar, model forecast maps  
<http://www.rap.ucar.edu/weather/>
- NCEP Models – model forecast maps  
<http://mag.ncep.noaa.gov/>
- Forecast Model Animator – good for comparison of different model forecast maps  
<http://justin.wiscwx.com/>
- National Weather Service web pages  
<http://www.weather.gov/>
  - Forecast products
  - Observed weather
  - Climatology
  - Verification
- University of Wyoming Weather Web – soundings, model forecast maps  
<http://weather.uwyo.edu/>
- Plymouth State Weather Center – time series of surface observations (meteograms), soundings, good archived data  
<http://vortex.plymouth.edu/>

## Products of interest for weather forecasting

- Observational products
  - Surface data – maps, time series, meteograms
  - Upper air maps
    - What levels are of interest for forecasting?
    - What can we learn from each upper air map?
  - Soundings
  - Satellite images
  - Radar
- NWP products
  - Model forecast maps
    - Which maps are of interest for forecasting?
  - Model output statistics (MOS)
    - Reading MOS products
- National Weather Service (NWS) products
  - Zone forecast
  - Grid forecast
    - Reading the grid forecast
  - Forecast discussion