

## Forecasting Maximum and Minimum Temperatures for Tomorrow

- Visit the [National Weather Service's MOS Text Bulletins](https://www.weather.gov/mdl/mos_getbull) ([https://www.weather.gov/mdl/mos\\_getbull](https://www.weather.gov/mdl/mos_getbull))
- Print 2 copies of this and hang one where all can see it. Place other in instructional manual.
- Go to Bulletin Builder...Select "latest"
- Under Operational Products, GFS MOS, check Extended (MEX)
- Next, under Select Stations to View, chose Select by List
- When you select this option a list of U.S. States appear below. Select a state. I'll pick N.Y.
- When you select a state (NY) a list of cities in N.Y. appear.
- Select one or many. I CHECKED ALBANY (ALB) & POUGHKEEPSIE (POU)
- Go to the bottom of the list and click on GO TO SUBMIT.
- That brings you to the top where you started. Click VIEW BULLETINS
- The two cities I selected in N.Y. Will appear where it says selected stations.
- To decode the message visit [The Meteorological Development Laboratory](https://vlab.noaa.gov/web/mdl/mex-card)
- (<https://vlab.noaa.gov/web/mdl/mex-card>)
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- Select MEX Card, a sample message and decoding is given.

Here is the secret. Write down the Maximum and Minimum temperatures forecast and compare the actual Maximum and Minimum temperatures you record at your location. You may have to add or subtract a few degrees. Have the youngsters study this. After a short time, they will know how much to add or subtract. Also, see if it works the same on a cloudy night, or during a windy day or if the ground is covered with snow. Don't give the youngsters the answers let them find out by trial and error. That is the fun. Some sharp youngsters will learn

right away. Let them help the other youngsters. One only really knows something when one can actually teach it.