

# Forecast the Precipitation Type for Every Hour of the Day

- Visit the [Gfs-Lamp Text by State](https://www.nws.noaa.gov/mdl/gfslamp/statebull.shtml) site.  
(<https://www.nws.noaa.gov/mdl/gfslamp/statebull.shtml>)
- Next select the state for which you want to forecast the hourly **precipitation type**. Select a city within the state.
- To decode this information visit [Description of the GFS LAMP Alphanumeric Message](#). YOU HAVE ALREADY DOWNLOADED THIS.
- ([https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP\\_description.shtml](https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP_description.shtml))
- The 16TH line DOWN ON THE LEFT is TYPE. This is the Type of Precipitation expected for each hour of the day. This lists the forecasted Precipitation type for each hour for the next 24 hours.

This is how it is decoded:

- **S** = Pure snow or snow grains
- **Z** = Freezing rain/drizzle, ice pellets or anything mixed with freezing precipitation
- **R** = Pure rain or rain mixed with snow
- **X** = Forecast is missing for this hour