

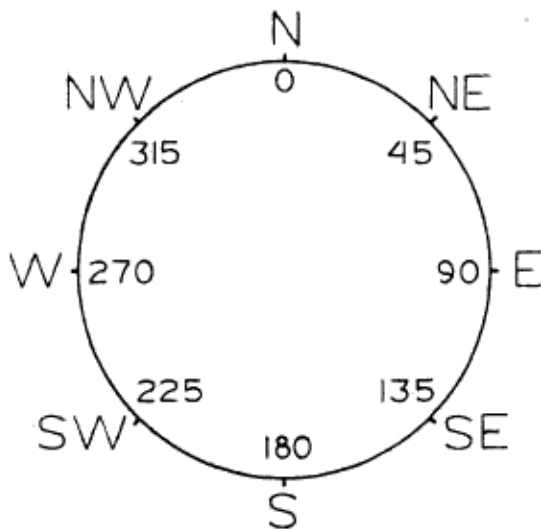
Forecast Wind Direction and Wind Speed for Every Hour of the Day

- 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 and click on it.
- To decode this information visit [Description of the GFS LAMP Alphanumeric Message](https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP_description.shtml).
(https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP_description.shtml)
- Make 2 copies, place one where everyone can see it. Place other copy in the instructional manual.

At the left is a column, 4th Line down is WDR It stands for Wind Direction. A complete time chart is available to all for all time zones in the United States. Go to ACTIVITIES, select time of DAY TABLES. Use it.




- This lists the forecasted WIND DIRECTION for each hour for the next 24 hours. Pretty simple.

This is how it is decoded: Please read below.



Compass Points

CODE FOR SURFACE WINDS

CODED MESSAGE	DECODING	PLOT	EXPLI
A. 2715	270° = West 15 = Knots		First two numbe tion: 27. A zero 270 = West, as s Last two numbe speed: 15 = 15 k
B. 0425	040° = N.E. 25 = Kts		
X. 0000	Calm winds no direction		

Code for Surface Winds

Forecasting Wind Speed

- 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>)
- Click on the state you wish to forecast the hourly Wind Speed.
- To decode this information visit [Description of the GFS LAMP Alphanumeric Message](https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP_description.shtml).You have already copied this.((https://www.nws.noaa.gov/mdl/gfslamp/docs/LAMP_description.shtml)
- The 4th line down on the left is WSP. This is the WIND SPEED for each hour of the day. This lists the forecasted WIND SPEED for each hour for the next 24 hours.
- Next line is WGS (Wind Gust Speed). If no significant wind gusts are expected, "NG" (No gusts) is indicated otherwise the speed of the forecast wind gusts are given in knots.