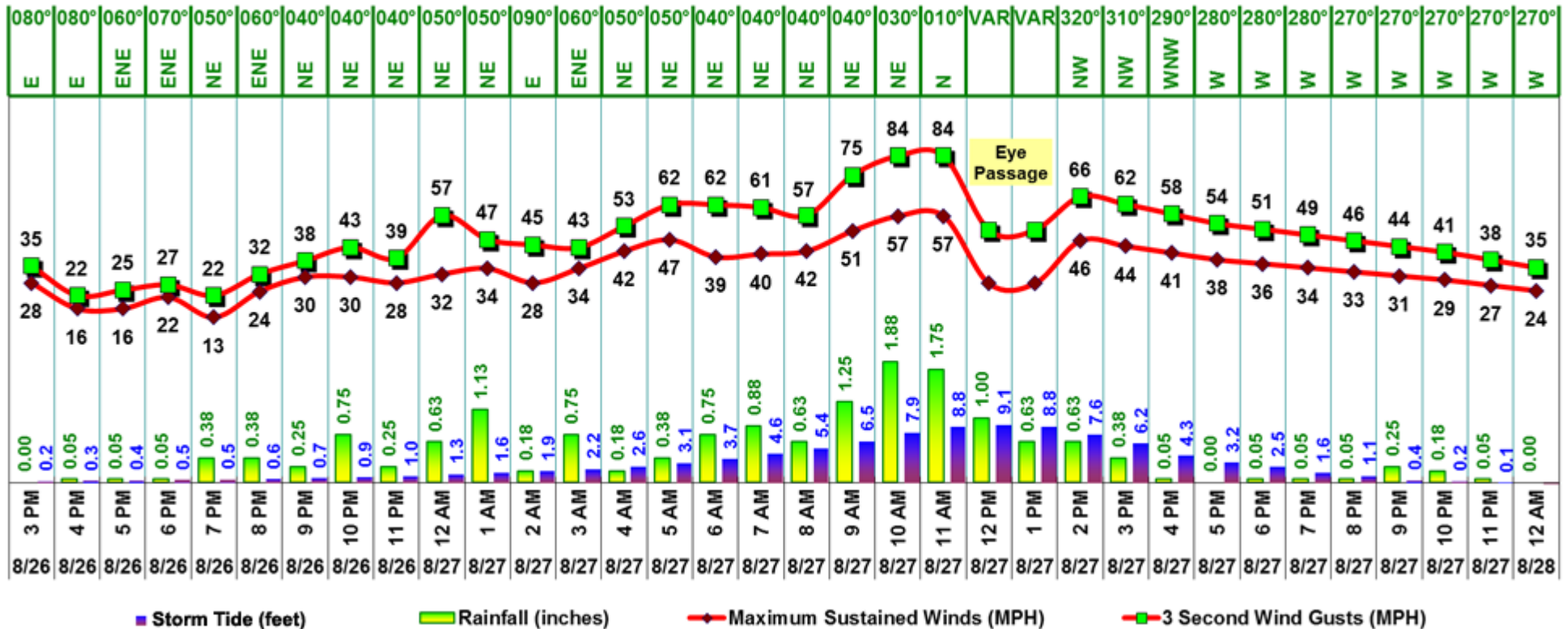


## SAMPLE HURRICANE ANALYSIS TIMELINE

Maximum Sustained Wind Speed, Wind Gusts,  
Wind Direction, Rainfall & Storm Tide

Wind Direction (degrees)



**1125 Water Street, Bayview, NC**  
Hurricane Irene - August 26-27, 2011

The storm tide estimates above represent the combined storm surge and local tide (not including waves) in feet above the North American Vertical Datum (NAVD). The maximum sustained wind speed represents the peak 1 minute speed and the wind gusts represent the 3 second speed, and are for the surface level (33 feet/10 meters above ground). The wind direction represents the direction from which the wind is blowing in reference to true north. The margins of error for this chart are ±8 mph for wind speeds, ±20 degrees for wind direction, ±0.5 foot for storm tide and ±20 percent for rainfall. The wind speeds represent the approximate maximums that occurred during the 60-minute period ending at the indicated time. Note that the eye of Hurricane Irene passed over the location between 11 AM and 1 PM EDT, during which time the wind diminished in speed and became variable in direction.