

Figure155. Tidal Gauge Station Map, showing locations of stations used in model validation.

ADCIRC SL15 Tides
Comparison to 10 NOAA Stations in FL
Amplitude

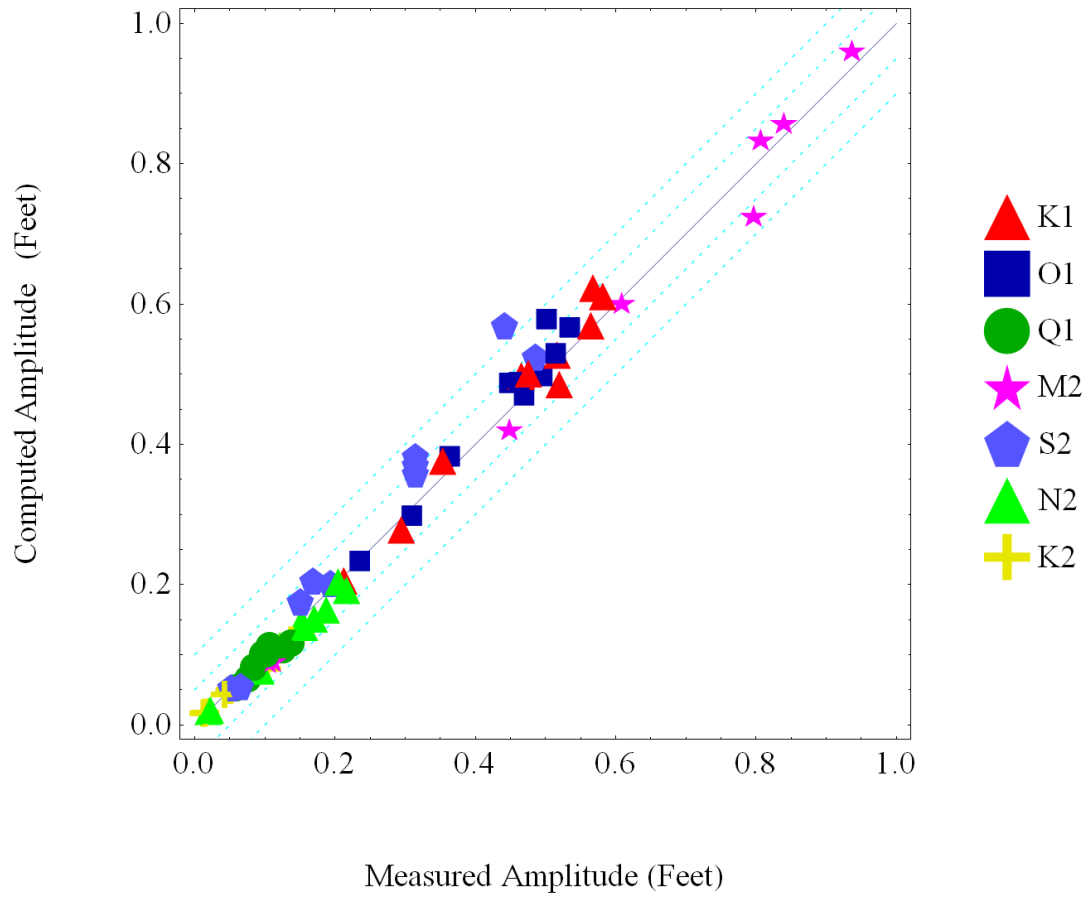


Figure 156: Scatter plot of the measured and observed amplitudes of the seven harmonic constituents at ten stations in Florida.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 10 NOAA Stations in FL
Phase

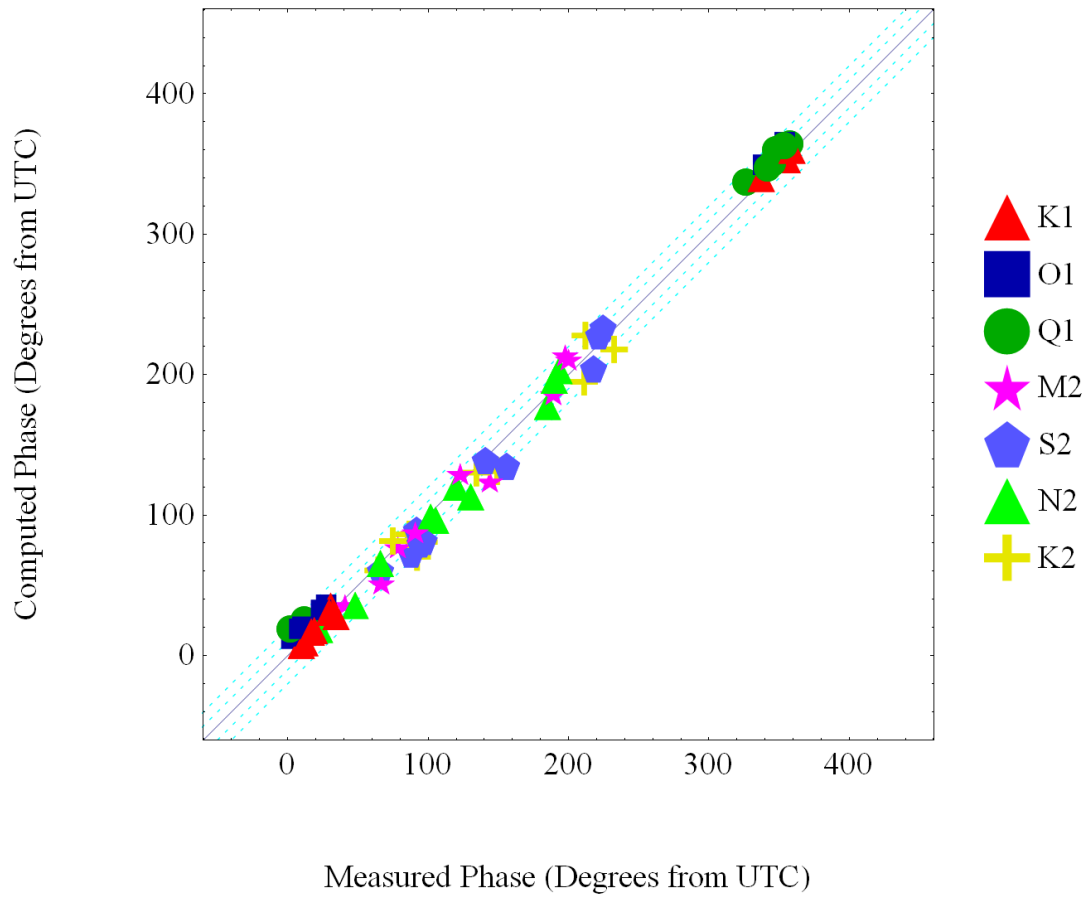


Figure 157: Scatter plot of the measured and computed phases for the seven harmonic constituents at ten stations in Florida.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

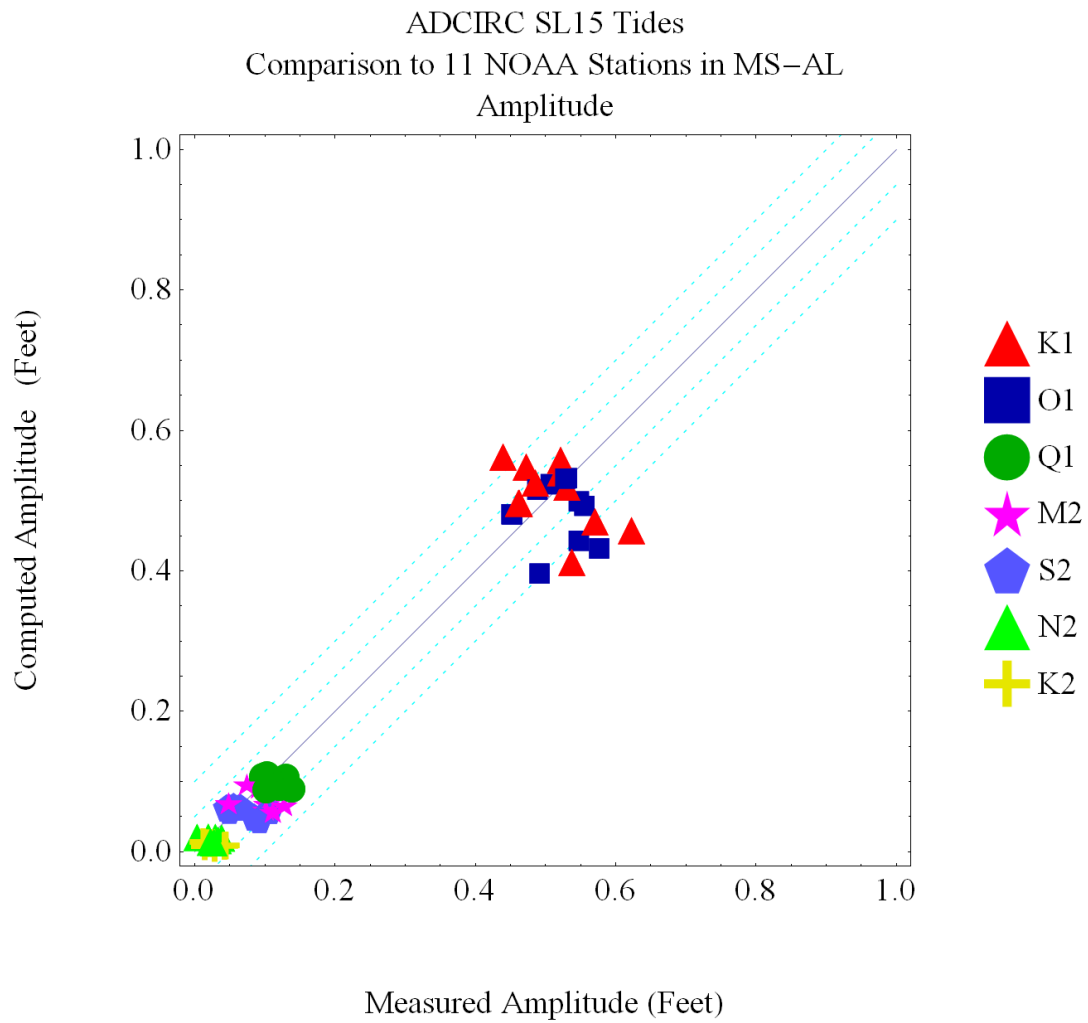


Figure 158: Scatter plot of the measured and observed amplitudes of the seven harmonic constituents at 11 stations in Mississippi and Alabama.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 11 NOAA Stations in MS-AL
Phase

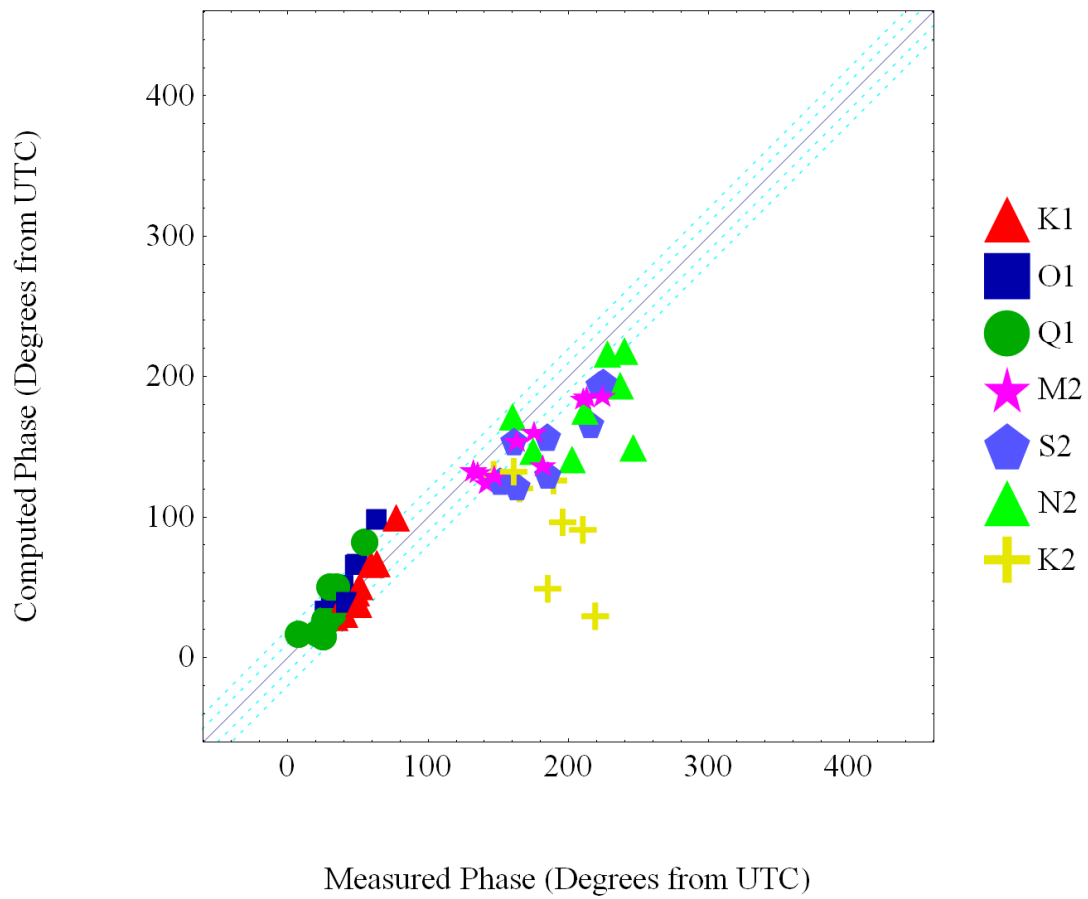


Figure 159: Scatter plot of the measured and computed phases for the seven harmonic constituents at 11 stations in Mississippi and Alabama.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 15 NOAA Stations in LA
Amplitude

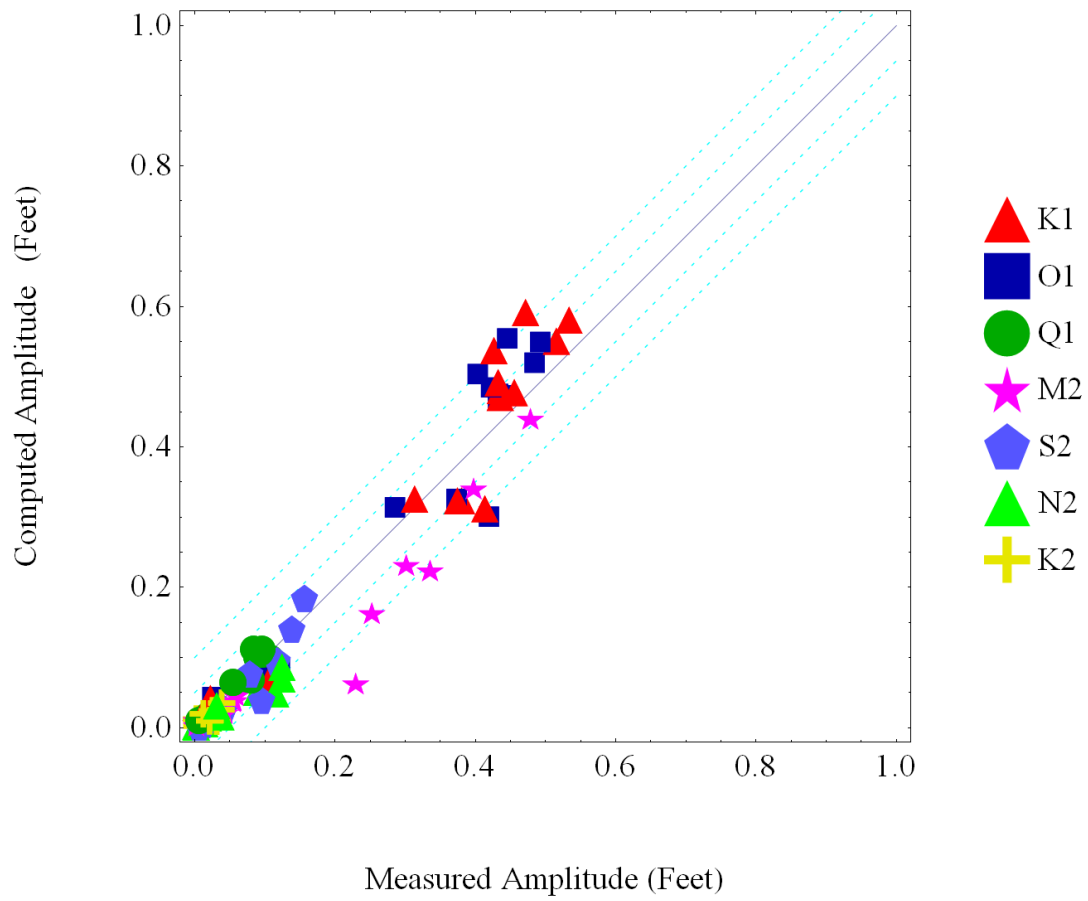


Figure 160: Scatter plot of the measured and observed amplitudes of the seven harmonic constituents at 15 stations in Louisiana.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 15 NOAA Stations in LA
Phase

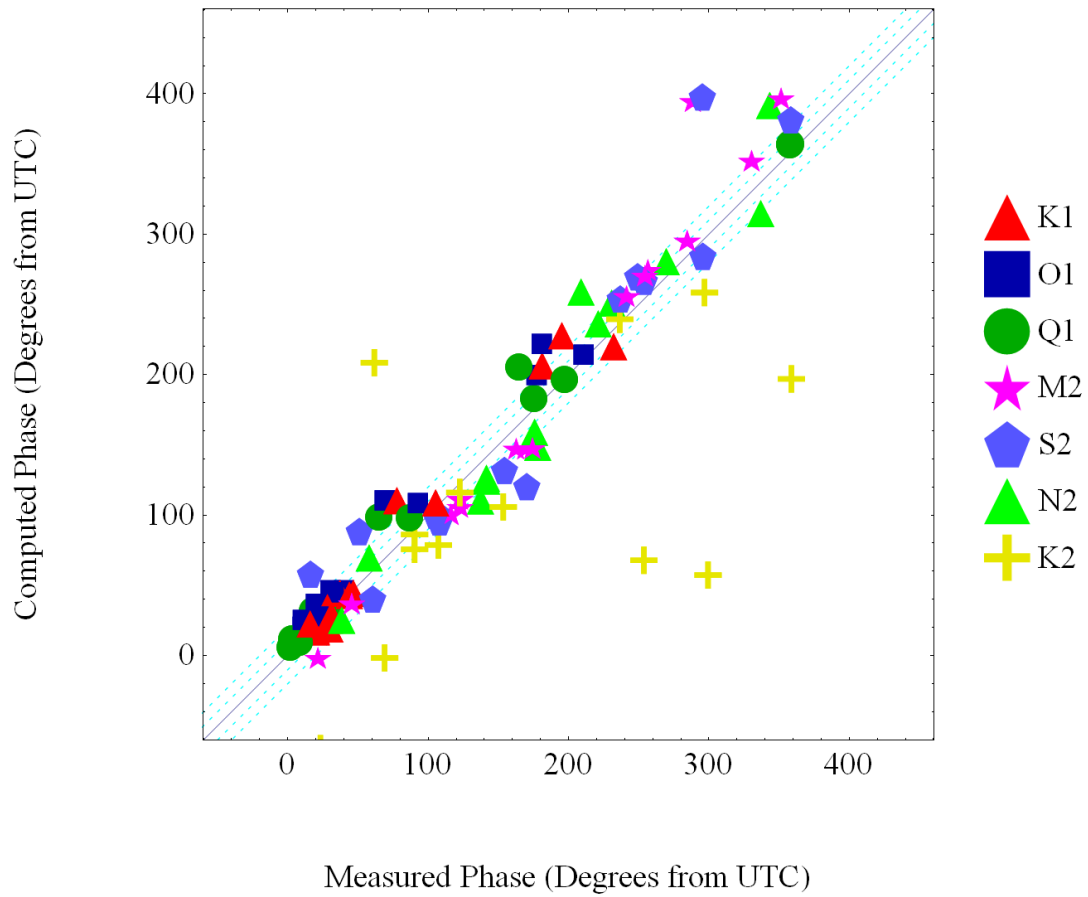


Figure 161: Scatter plot of the measured and computed phases for the seven harmonic constituents at 15 stations in Louisiana.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 4 NOAA Stations in TX
Amplitude

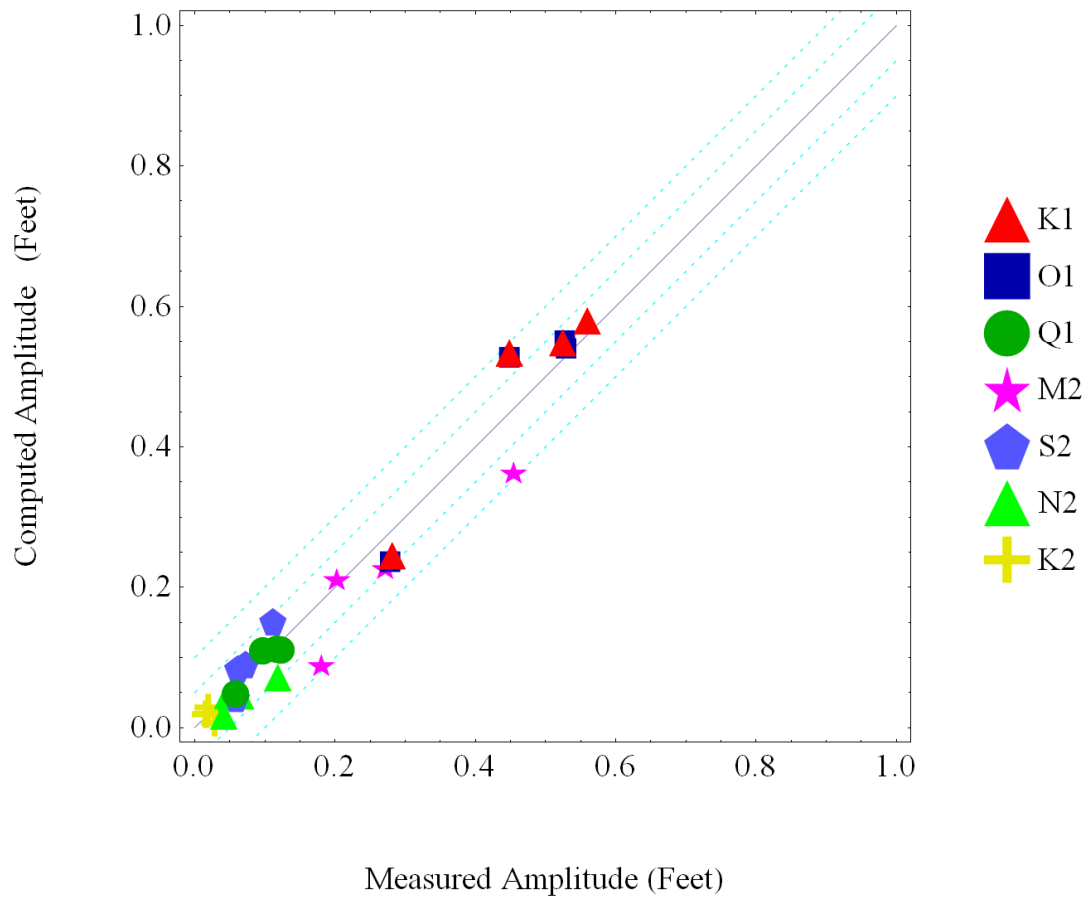


Figure 162: Scatter plot of the measured and observed amplitudes of the seven harmonic constituents at four stations in Texas.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

ADCIRC SL15 Tides
Comparison to 4 NOAA Stations in TX
Phase

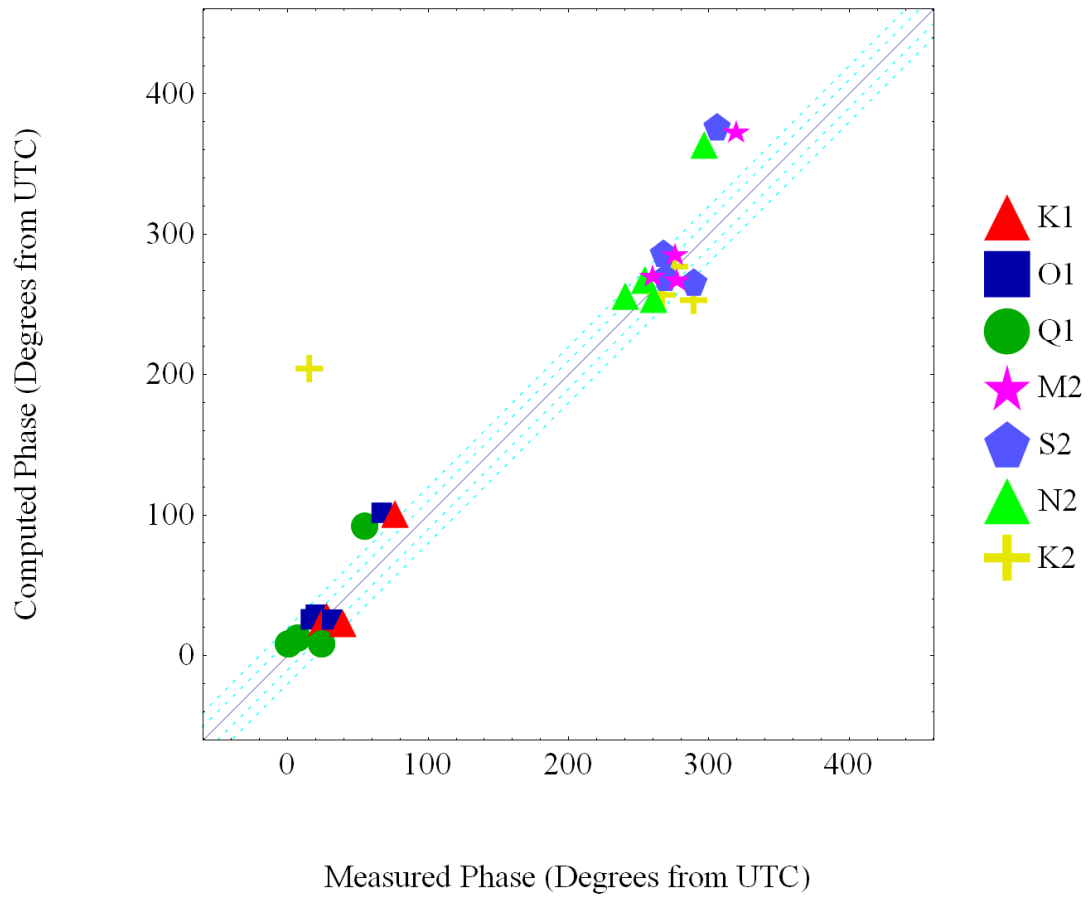


Figure 163: Scatter plot of the measured and computed phases for the seven harmonic constituents at four stations in Texas.

The one-to-one line is shown as a solid gray line, and the 0.05-foot and 0.10-foot error bands are shown in dashed blue lines.

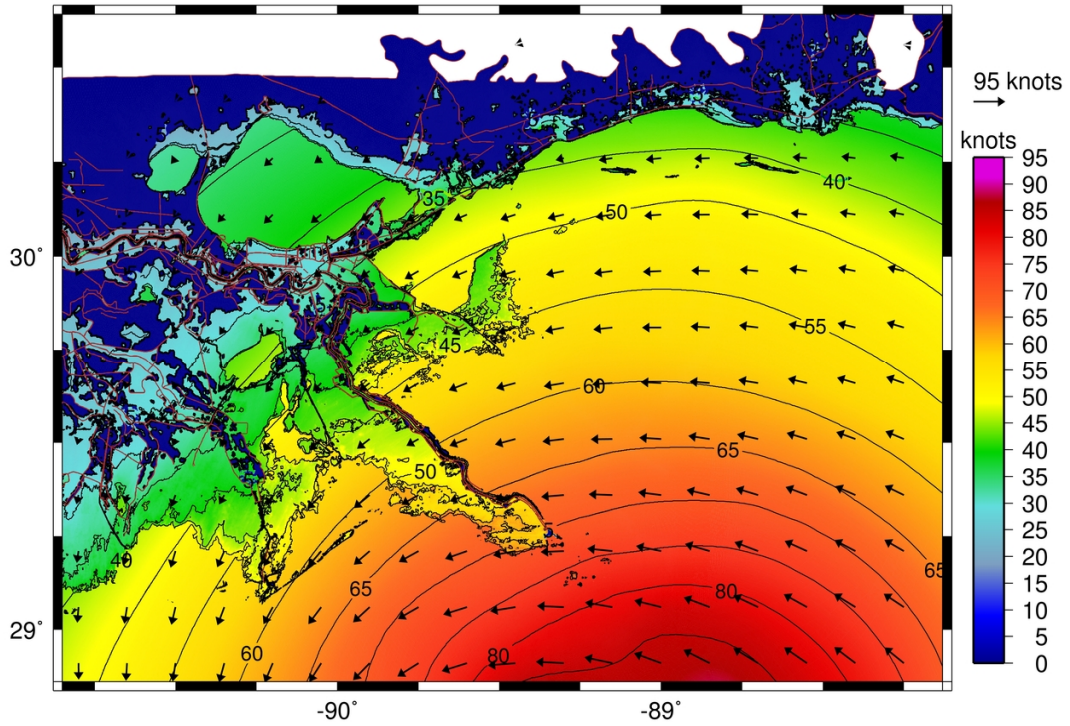


Figure 164: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 7:00 UTC on August 29, 2005, for Southeastern Louisiana.

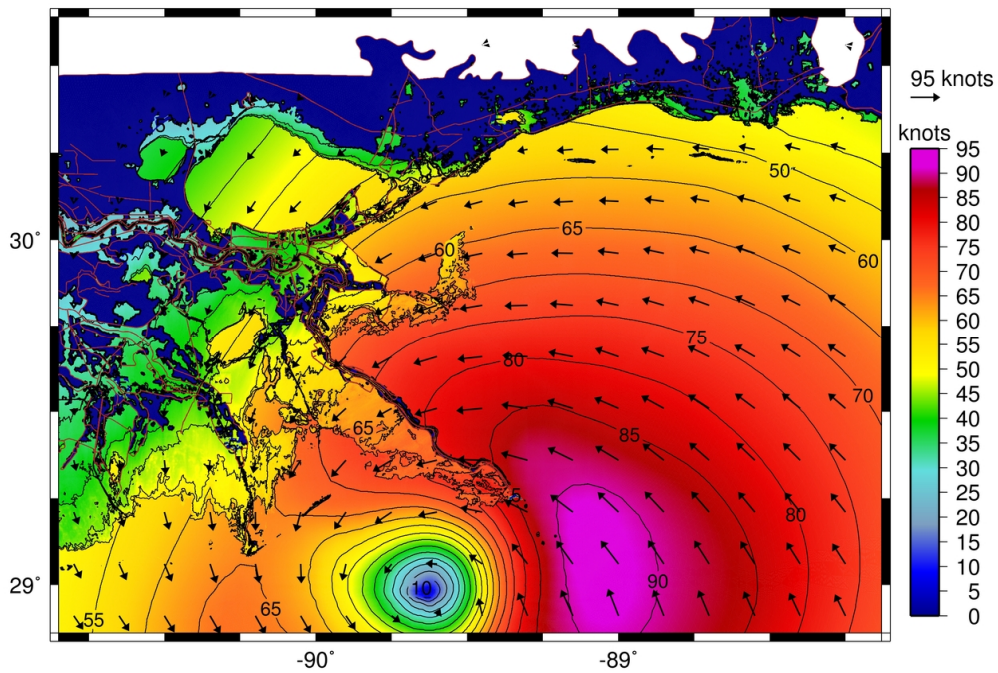


Figure 165: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 10:00 UTC on August 29, 2005, for Southeastern Louisiana.

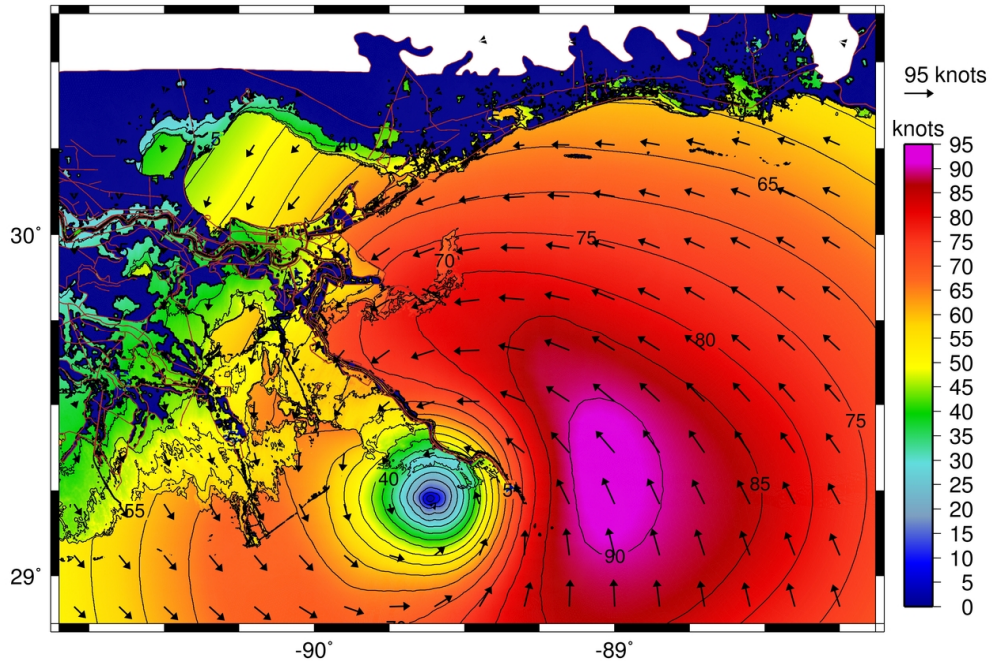


Figure 166: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 11:00 UTC on August 29, 2005, for Southeastern Louisiana.

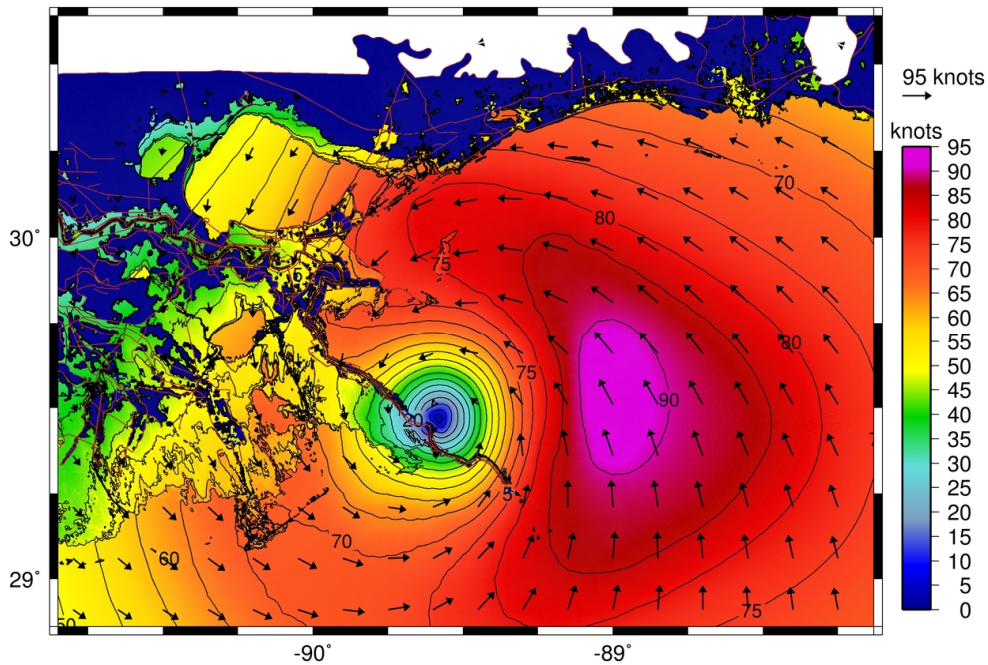


Figure 167: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 12:00 UTC on August 29, 2005, for Southeastern Louisiana.

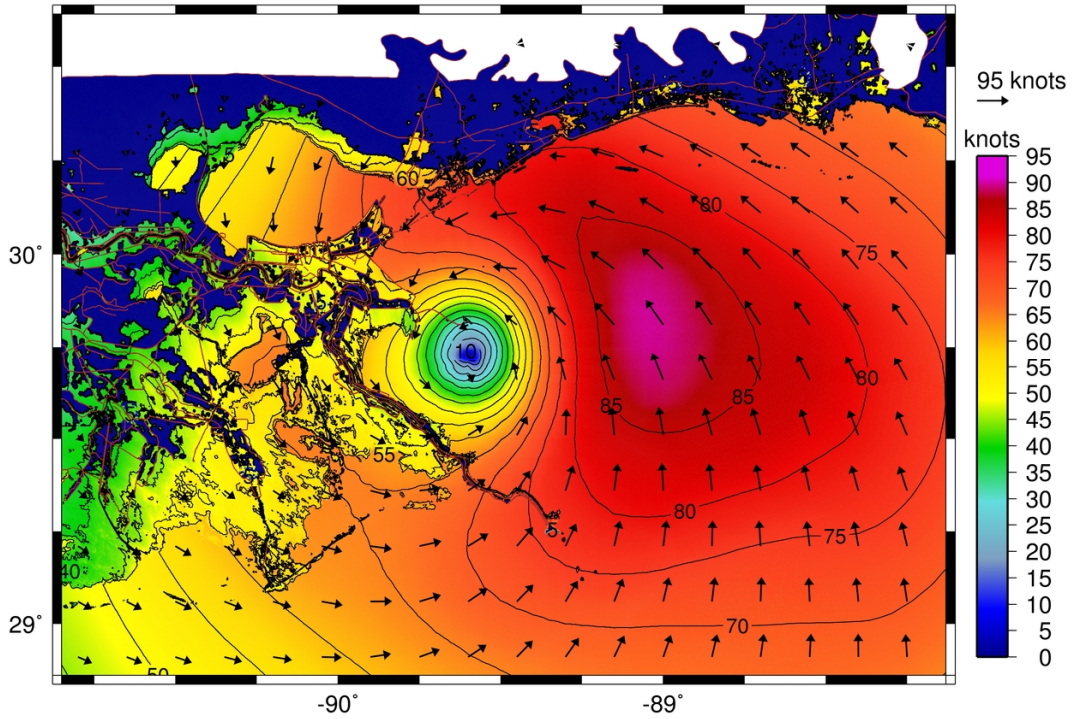


Figure 168: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 13:00 UTC on August 29, 2005, for Southeastern Louisiana.

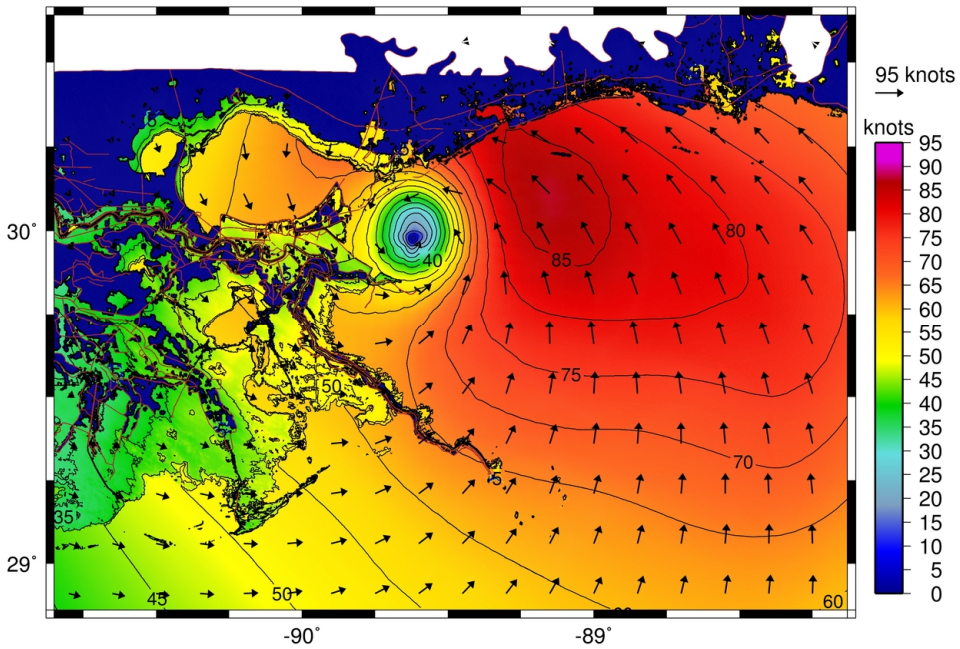


Figure 169: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 14:00 UTC on August 29, 2005, for Southeastern Louisiana.

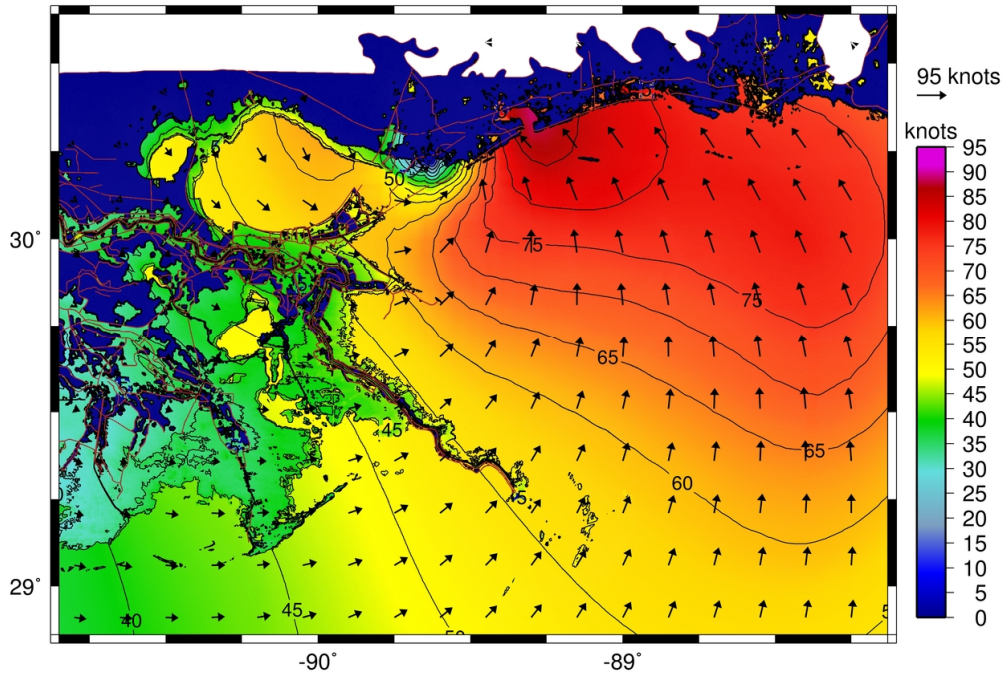


Figure 170: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 15:00 UTC on August 29, 2005, for Southeastern Louisiana.

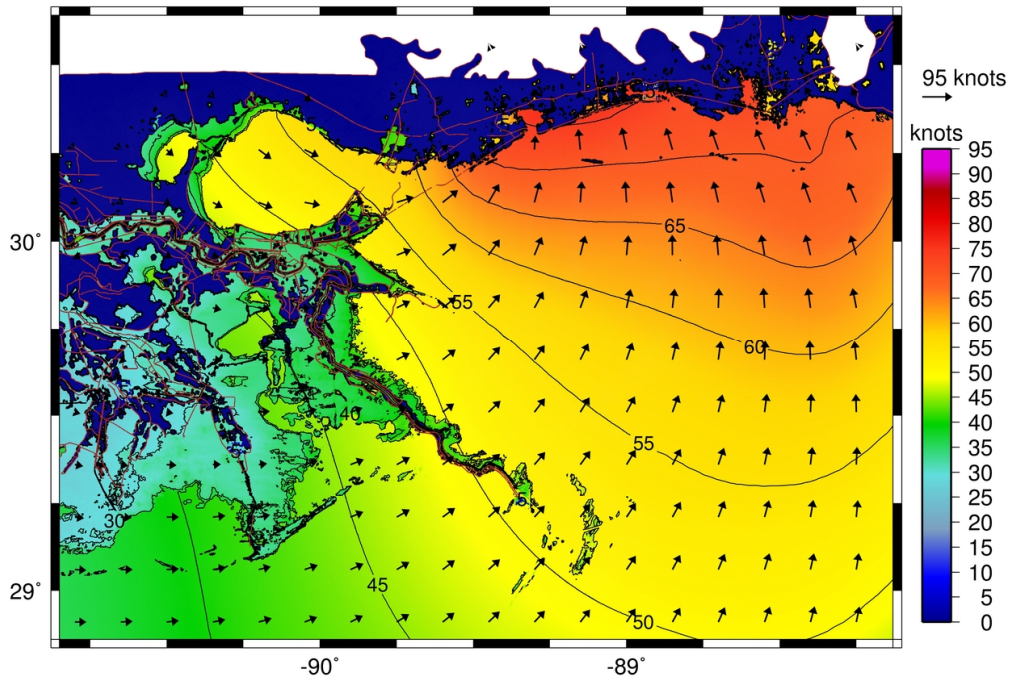


Figure 171: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 16:00 UTC on August 29, 2005, for Southeastern Louisiana.

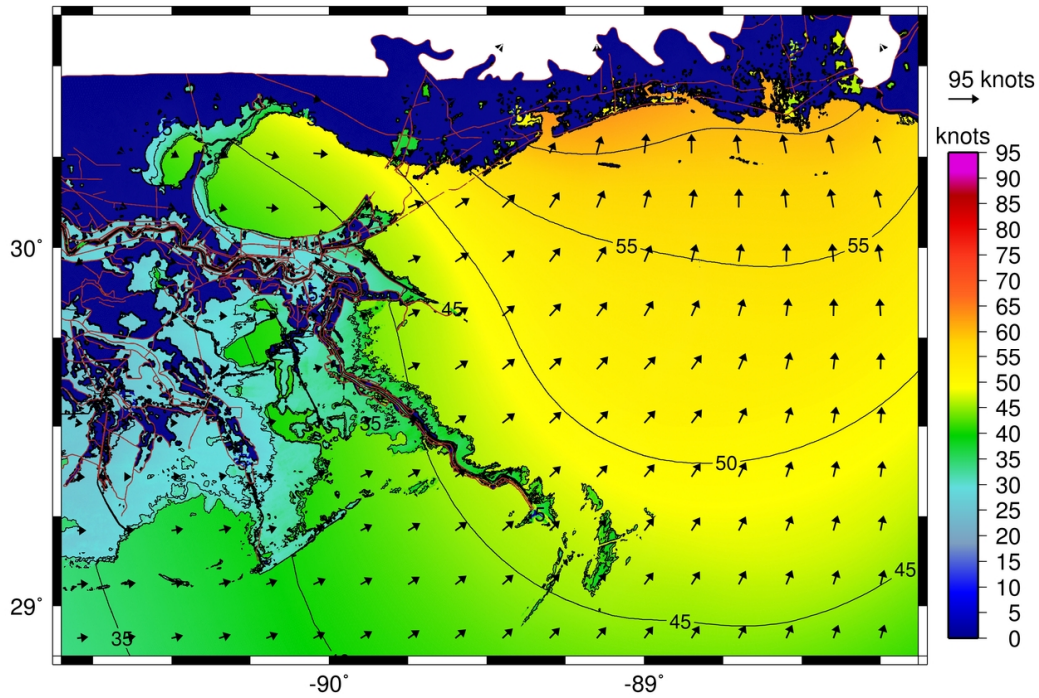


Figure 172: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 17:00 UTC on August 29, 2005, for Southeastern Louisiana.

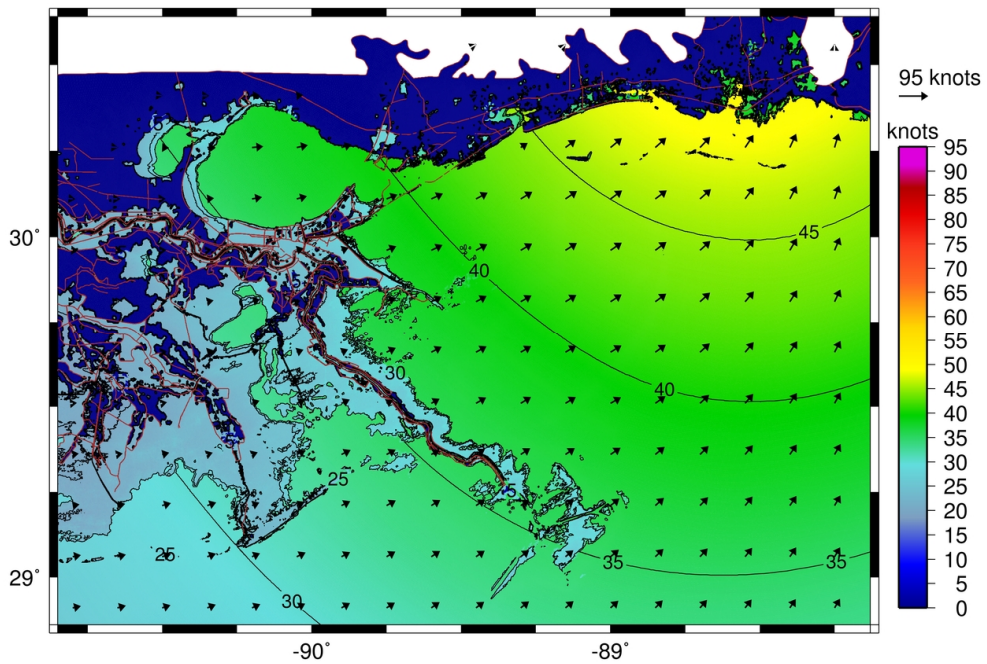


Figure 173: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 20:00 UTC on August 29, 2005, for Southeastern Louisiana.

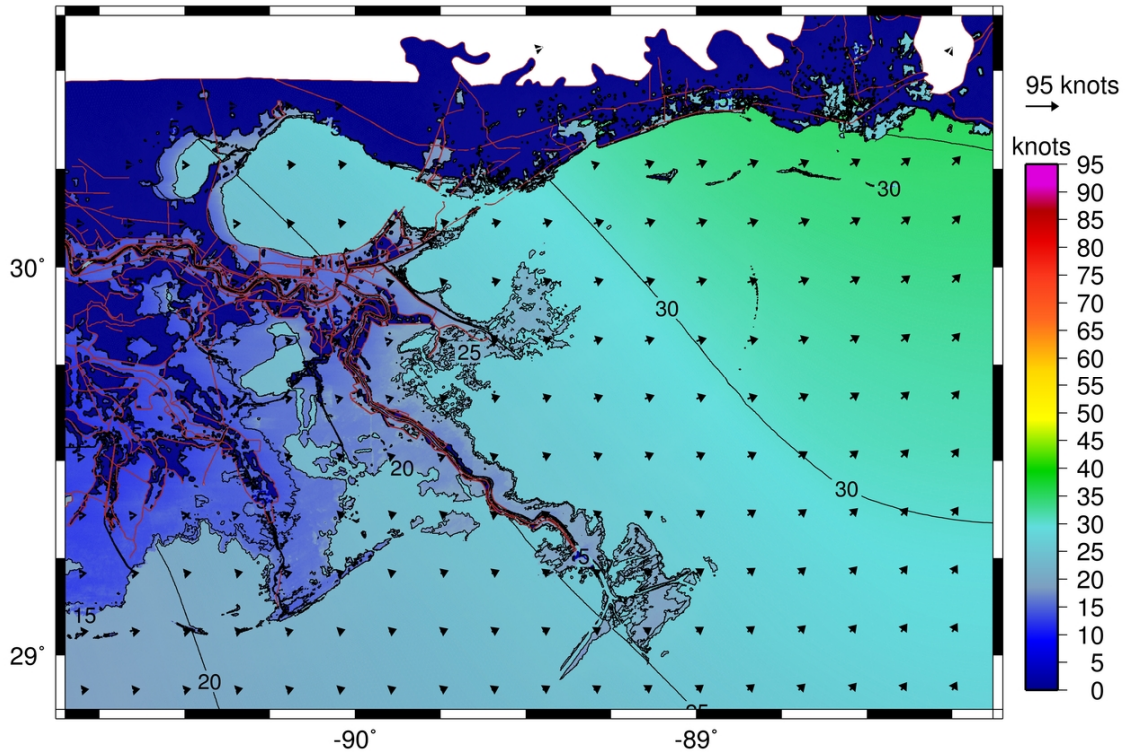


Figure 174: ADCIRC contour maps of the wind speed (in knots) and wind vectors (in knots) for Hurricane Katrina at 23:00 UTC on August 29, 2005, for Southeastern Louisiana.

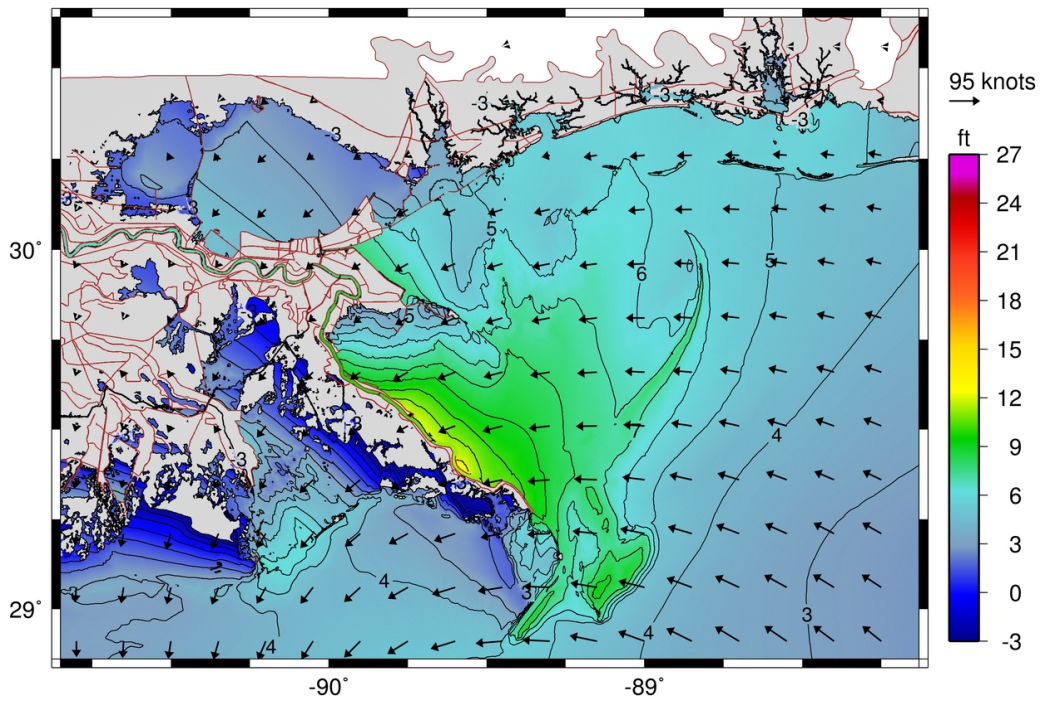


Figure 175: ADCIRC elevation contours (in feet) and wind vectors (in knots) for Hurricane Katrina at 7:00 UTC on August 29, 2005, for Southeastern Louisiana.