NOAA and NOAA Partnership Stations Relative to the Storm

Tropical Storm ERIN QUICKLOOK, POSTED 06:00 CDT 08/16/2007

Storm Analysis

Observations as of 8/16/2007 500 AM CDT:

NOS water level at Freeport, TX is around 1.66 ft (0.51 m) above predicted.
Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

NOS water level at Rockport, TX is around 1.12 ft (0.34 m) above predicted.

NOS water level at Galveston Pier 21, TX is around 1.53 ft (0.47 m) above predicted.
Next high tide at 08/16/2007 Thurs 06:05 PM CDT.

NOS water level at Calcasieu Pass, LA is around 1.31 ft (0.40 m) above predicted.
Next high tide at 08/16/2007 Thurs 05:24 PM CDT.
NOS water level at Freshwater Canal Locks, LA is around 1.10 ft (0.34 m) above predicted.

NOS water level at Corpus Christi, TX is around 1.49 ft (0.45 m) above predicted.

NOS water level at Port Isabel, TX is around 1.10 ft (0.34 m) above predicted.

Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

AT 400 AM CDT...0900Z...THE TROPICAL STORM WARNING ALONG THE SOUTHERN TEXAS COAST FROM PORT MANSFIELD SOUTHWARD TO BROWNSVILLE HAS BEEN DISCONTINUED. A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THE TEXAS COAST FROM SAN LUIS PASS SOUTHWARD TO PORT MANSFIELD.

ERIN HAS BEEN MOVING ERRATICALLY TOWARD THE WEST-NORTHWEST NEAR 12 MPH...19 KM/HR...AND THIS MOTION IS EXPECTED TO CONTINUE OVER THE NEXT 24 HOURS. ON THIS TRACK...THE CENTER OF ERIN IS EXPECTED TO MOVE INLAND WITHIN THE WARNING AREA LATER TODAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 40 MPH...65 KM/HR...WITH HIGHER GUSTS. A LITTLE STRENGTHENING IS POSSIBLE PRIOR TO ERIN MAKING LANDFALL. ONCE INLAND...ERIN IS EXPECTED TO WEAKEN.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 85 MILES...140 KM FROM THE CENTER. A NOAA BUOY NORTH OF THE CENTER RECENTLY REPORTED A WIND GUST TO 45 MPH.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 1004 MB...29.65 INCHES.

TOTAL RAIN ACCUMULATIONS OF 3 TO 6 INCHES ARE EXPECTED ACROSS MUCH OF CENTRAL AND SOUTHERN TEXAS...WITH POSSIBLE ISOLATED MAXIMUM AMOUNTS OF 10 INCHES.

STORM SURGE OF 2 TO 3 FEET ABOVE NORMAL TIDE LEVELS MAY BE EXPERIENCED IN A FEW COASTAL LOCATIONS TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

ISOLATED TORNADOES ARE POSSIBLE ALONG THE MIDDLE TEXAS GULF COAST ON THURSDAY.

Water level and meterological plots are updated automatically. For more information, please see www.tidesandcurrents.com.

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.
Freeport, TX - Station Map

Last Observed Sample: 08/16/2007 04:54 (CDT)
Relative to MLLW: Observed: 2.74 ft. Predicted: 1.20 ft. Residual: 1.54 ft.
Historical Maximum Water Level: 09/11/1998, 4.15 ft. above MHHW

Rockport, TX - Station Map

Last Observed Sample: 08/16/2007 05:30 (CDT)
Relative to MLLW: Observed: 1.26 ft. Predicted: 0.15 ft. Residual: 1.11 ft.
Historical Maximum Water Level: 08/10/1980, 4.1 ft. above MHHW
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**Rockport, TX - Station Map**

**NOAA/NOS/C0-OPS**

**Air/Water Temperature Plot**

*From 08/14/2007 05:42 - 08/17/2007 05:42*

- Water Temperature: 87.3° F
- Air Temperature: 78.4° F

**Last Observed Sample:** 08/16/2007 05:30 (CDT)

**Wind Speed: 5 knots**
**Gusts: 7 knots**
**Direction: 342° T**

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**Rockport, TX - Station Map**

**NOAA/NOS/C0-OPS**

**Wind Speed/Gusts/Dir**

*From 08/14/2007 05:42 - 08/17/2007 05:42*

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**Rockport, TX - Station Map**

Barometric Pressure Plot

00/14/2007 05:42 - 00/17/2007 05:42

Barometric Pressure: 1006.2 mb

**Galveston Pier 21, TX - Station Map**

Preliminary 6 min. Water Level vs. Predicted Plot

00/14/2007 05:42 - 00/17/2007 05:42

Relative to MLLW: Observed: 2.41 ft. Predicted: 1.06 ft. Residual: 1.35 ft.

Historical Maximum Water Level: 09/08/1900, 12.11 ft. above MHHW
Galveston Pier 21, TX - Station Map

Last Observed Sample: 08/14/2007 05:42 (CDT)
Water Temperature: 90.0°F Air Temperature: n/a

Galveston Pier 21, TX - Station Map

Last Observed Sample: 08/16/2007 05:30 (CDT)
Barometric Pressure: 1009.6 mb
Calcasieu Pass, LA - Station Map

NOMA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
9769094 Calcasieu Pass, LA
from 08/14/2007 05:42 - 08/17/2007 05:42

Last Observed Sample: 08/16/2007 05:30 (CDT)
Relative to MLLW: Observed: 2.80 ft. Predicted: 1.85 ft. Residual: 0.95 ft.
Historical Maximum Water Level: n/a

Calcasieu Pass, LA - Station Map

NOMA/NOS/CO-OPS
Air/Water Temperature Plot
9769094 Calcasieu Pass, LA
from 08/14/2007 05:42 - 08/17/2007 05:42

Last Observed Sample: 08/16/2007 05:24 (CDT)
Water Temperature: n/a Air Temperature: 85.6° F
Wind Speed: 13 knots  Gusts: 15 knots  Direction: 126° T

Barometric Pressure: 1012.3 mb
Freshwater Canal Locks, LA - Station Map

Last Observed Sample: 08/16/2007 04:36 (CDT)
Historical Maximum Water Level: n/a

Port Isabel, TX - Station Map

Last Observed Sample: 08/16/2007 05:30 (CDT)
Relative to MLLW: Observed: 1.72 ft. Predicted: 0.92 ft. Residual: 0.80 ft.
Historical Maximum Water Level: 08/09/1980, 5.67 ft. above MHHW
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Port Isabel, TX - Station Map

NOAA/NOS/C0-OPS
Air/Water Temperature Plot
0779770 Port Isabel, TX
from 08/14/2007 05:42 - 08/17/2007 05:42

Last Observed Sample: 08/16/2007 05:30 (CDT)
Water Temperature: n/a Air Temperature: 77.9° F

Port Isabel, TX - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
0779770 Port Isabel, TX
from 08/14/2007 05:42 - 08/17/2007 05:42

Last Observed Sample: 08/16/2007 05:30 (CDT)
Wind Speed: 4 knots Gusts: 6 knots Direction: 268° T
Corpus Christi, TX - Station Map

Last Observed Sample: 08/16/2007 03:54 (CDT)

Relative to MLLW: Observed: 2.25 ft. Predicted: 0.98 ft. Residual: 1.27 ft.

Historical Maximum Water Level: 09/10/1998, 3.33 ft. above MHHW

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