Storm Analysis

Water levels remain elevated from Atchafalaya Bay, Louisiana to south of the Texas & Mexico border, including Tampico Harbor, Mexico. ERIN’s landfall coincided with high tide at many stations, resulting in higher storm tides. Coastal water levels have been falling overall since ERIN has moved inland. Water levels in bays and associated waterways remain elevated and may include impacts from hydrological forces, including rainfall runoff. For more information, please see [http://www.srh.noaa.gov/hgx/hydrology.htm](http://www.srh.noaa.gov/hgx/hydrology.htm)

Water Level Observations as of 8/16/2007 11:00 AM CDT:

Eagle Point, TX ~ 1.91 ft (0.58 m) above predicted. Next high tide at 08/16/2007 Thurs 01:03 PM CDT.

Battleship Texas State Park, TX ~ 1.47 ft (0.44 m) above predicted.
Galveston Bay Entrance, TX ~ 1.07 ft (0.33 m) above predicted. Next high tide at 08/16/2007 Thurs 06:05 PM CDT.

Freeport, TX ~ 1.30 ft (0.40 m) above predicted. Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

Calcasieu Pass, LA ~ 0.81 ft (0.25 m) above predicted. Next high tide at 08/16/2007 Thurs 05:24 PM CDT.

Freshwater Canal Locks, LA ~ 0.96 ft (0.29 m) above predicted.

Corpus Christi, TX ~ 1.19 ft (0.45 m) above predicted.

Rockport, TX ~ 1.12 ft (0.36 m) above predicted.

Port Isabel, TX ~ 0.82 ft (0.25 m) above predicted. Next high tide at 08/16/2007 Thurs 06:21 PM CDT.

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

AS OF 1000 AM CDT THU AUG 16 2007...
ERIN EXPECTED TO PRODUCE HEAVY RAINS OVER PORTIONS OF TEXAS...

AT 1000 AM CDT THE CENTER OF TROPICAL DEPRESSION ERIN WAS LOCATED ABOUT 55MILES NORTH-NORTHWEST OF CORPUS CHRISTI TEXAS.

THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 15 MPH. ON THIS TRACK ERIN WILL CONTINUE TO MOVE FARTHER INLAND. ERIN IS EXPECTED TO DISSIPATE IN A DAY OR TWO.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH
ESTIMATED MINIMUM CENTRAL PRESSURE IS 1006 MB

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. ISOLATED TORNADOES ARE POSSIBLE NEAR THE MIDDLE TEXAS GULF COAST TODAY.

Water level and meteorological plots are updated automatically. For additional data, please see www.tidesandcurrents.noaa.gov. For more information on the Storm Quicklook product, please see www.tidesandcurrents.noaa.gov/quicklook.shtml

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.
Eagle Point, TX - Station Map

Last Observed Sample: 08/16/2007 11:12 (CDT)

Relative to MLLW: Observed: 2.73 ft. Predicted: 0.84 ft. Residual: 1.89 ft.

Historical Maximum Water Level: 09/10/1998, 3.58 ft. above MHHW

Eagle Point, TX - Station Map

Last Observed Sample: 08/16/2007 11:12 (CDT)

Barometric Pressure: 1011.9 mb
Tropical Depression ERIN QUICKLOOK, POSTED 11:00 CDT 08/16/2007

**Eagle Point, TX - Station Map**

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
Station 8771013 Eagle Point, TX
Last Observed Sample: 08/16/2007 11:12 (CDT)
Wind Speed: 18 knots Gusts: 23 knots Direction: 095° T

**Battleship Texas State Park, TX - Station Map**

NOAA/NOS/CO-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
Station 8776743 Battleship Texas State Park, TX
Last Observed Sample: 08/16/2007 08:54 (CDT)
Historical Maximum Water Level: n/a
Galveston Bay Entrance, North Jetty, TX - Station Map

Relative to MLLW: Observed: 1.93 ft. Predicted: 0.89 ft. Residual: 1.04 ft.
Historical Maximum Water Level: n/a

Wind Speed: 21 knots  Gusts: 24 knots  Direction: 101° T
**Galveston Bay Entrance, North Jetty, TX** - Station Map

Last Observed Sample: 08/16/2007 11:12 (CDT)

Barometric Pressure: 1011.2 mb

Relative to MLLW: Observed: 2.20 ft. Predicted: 0.90 ft. Residual: 1.30 ft.

Historical Maximum Water Level: 09/11/1998, 4.15 ft. above MHHW

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**Freeport, TX** - Station Map

Last Observed Sample: 08/16/2007 09:54 (CDT)

Relative to MLLW: Observed: 2.20 ft. Predicted: 0.90 ft. Residual: 1.30 ft.

Historical Maximum Water Level: 09/11/1998, 4.15 ft. above MHHW
Calcasieu Pass, LA - Station Map

Relative to MLLW: Observed: 1.64 ft. Predicted: 0.95 ft. Residual: 0.69 ft.
Historical Maximum Water Level: n/a

Freshwater Canal Locks, LA - Station Map

Relative to MLLW: Observed: 1.89 ft. Predicted: 0.93 ft. Residual: 0.96 ft.
Historical Maximum Water Level: n/a
Corpus Christi, TX - Station Map

Last Observed Sample: 08/16/2007 09:54 (CDT)
Relative to MLLW: Observed: 1.97 ft. Predicted: 0.78 ft. Residual: 1.19 ft.
Historical Maximum Water Level: 09/10/1998, 3.33 ft. above MHHW

Rockport, TX - Station Map

Last Observed Sample: 08/16/2007 11:12 (CDT)
Relative to MLLW: Observed: 1.38 ft. Predicted: 0.16 ft. Residual: 1.22 ft.
Historical Maximum Water Level: 08/10/1980, 4.1 ft. above MHHW
Tropical Depression ERIN QUICKLOOK, POSTED 11:00 CDT 08/16/2007

**Rockport, TX - Station Map**

Last Observed Sample: 08/16/2007 11:12 (CDT)
Wind Speed: 8 knots Gusts: 10 knots Direction: 179° T

Barometric Pressure: 1009.8 mb
Last Observed Sample: 08/16/2007 11:12 (CDT)
Barometric Pressure: 1009.8 mb
Port Isabel, TX - Station Map

Last Observed Sample: 08/16/2007 11:12 (CDT)
Relative to MLLW: Observed: 1.50 ft. Predicted: 0.68 ft. Residual: 0.82 ft.
Historical Maximum Water Level: 08/09/1980, 5.67 ft. above MHHW

Tropical Depression ERIN QUICKLOOK, POSTED 11:00 CDT 08/16/2007

Last Observed Sample: 08/16/2007 11:12 (CDT)
Wind Speed: 4 knots Gusts: 9 knots Direction: 244° T