Hurricane DOLLY QuickLook
Posted: 23:00 CDT 07/22/2008

As of 07/22/2008 23:00 CDT, water levels along the Gulf Coast are rising and range between 1.0 to 2.0 feet above predicted. Barometric pressure continues to fall.

The next QuickLook will be issued at 05:00 CDT on July 23, 2008.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/23/2008 at 07:25 CDT.

Corpus Christi, TX: Next predicted high tide is 1.12 ft (0.34 m) on 07/23/2008 at 07:15 CDT.

USCG Freeport, TX: Next predicted high tide is 1.28 ft (0.39 m) on 07/23/2008 at 07:30 CDT.
Galveston Pleasure pier, TX: Next predicted high tide is 1.50 ft (0.46 m) on 07/23/2008 at 06:59 CDT.

Sabine Pass North: Next predicted high tide is 1.30 ft (0.40 m) on 07/23/2008 at 07:14 CDT.

Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/23/2008 at 06:18 CDT.

Cypremort Point, LA: Next predicted high tide is 1.20 ft (0.37 m) on 07/23/2008 at 10:03 CDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CMM

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE DOLLY ADVISORY NUMBER 11

...DOLLY A LITTLE STRONGER...MOVING A LITTLE SLOWER...

A HURRICANE WARNING REMAINS IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO CORPUS CHRISTI AND FOR THE NORTHEASTERN COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM NORTH OF CORPUS CHRISTI TO SAN LUIS PASS.

AT 1000 PM CDT THE CENTER OF HURRICANE DOLLY WAS LOCATED NEAR LATITUDE 25.1 NORTH, LONGITUDE 96.0 WEST OR ABOUT 110 MILES EAST-SOUTHEAST OF BROWNSVILLE TEXAS.

DOLLY IS MOVING TOWARD THE NORTHWEST NEAR 9 MPH. A FURTHER REDUCTION IN FORWARD SPEED IS EXPECTED ON WEDNESDAY. ON THE FORECAST TRACK, THE CENTER OF DOLLY WILL BE ALONG THE COAST NEAR THE TEXAS/MEXICO BORDER AROUND MIDDAY WEDNESDAY.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. DOLLY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME ADDITIONAL STRENGTHENING IS EXPECTED PRIOR TO LANDFALL.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES. TROPICAL STORM FORCE WINDS SHOULD BEGIN TO REACH THE COASTLINE WITHIN THE NEXT FEW HOURS.

MINIMUM CENTRAL PRESSURE ESTIMATED FROM AIRCRAFT RECONNAISSANCE DATA IS
DOLLY IS EXPECTED TO PRODUCE TOTAL RAIN ACCUMULATIONS OF 6 TO 10 INCHES WITH ISOLATED AMOUNTS OF 15 INCHES OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS.

COASTAL STORM SURGE FLOODING OF 4 TO 6 FEET ABOVE NORMAL TIDE LEVELS, ALONG WITH LARGE AND DANGEROUS BATTERING WAVES, CAN BE EXPECTED NEAR AND TO THE NORTH OF WHERE THE CENTER MAKES LANDFALL.

FORECASTER FRANKLIN

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.
Last Observed Sample: 07/22/2008 22:30 (CDT)
Relative to MLLW: Observed: 1.91 ft. Predicted: 0.44 ft. Residual: 1.47 ft.
Historical Maximum Water Level: 08/09/1980, 5.67 ft. above MHHW

Water Temperature: 82.6° F Air Temperature: 82.0° F
Port Isabel, TX - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
07/20/2008 - 07/23/2008

Last Observed Sample: 07/22/2008 22:30 (CDT)
Barometric Pressure: 1006.9 mb

Corpus Christi, TX - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
07/20/2008 - 07/23/2008

Relative to MLLW: Observed: 2.11 ft. Predicted: 0.36 ft. Residual: 1.75 ft.
Historical Maximum Water Level: 09/10/1998, 3.33 ft. above MHHW
Corpus Christi, TX - Station Map

Last Observed Sample: 07/22/2008 22:30 (CDT)
Water Temperature: 85.6° F Air Temperature: 82.9° F

Wind Speed: 20 knots Gusts: 22 knots Direction: 062° T
**Corpus Christi, TX - Station Map**

Last Observed Sample: 07/22/2008 22:30 (CDT)

Barometric Pressure: 1008.9 mb

**USCG Freeport, TX - Station Map**

Last Observed Sample: 07/22/2008 22:30 (CDT)

Relative to MLLW: Observed: 2.06 ft. Predicted: 0.54 ft. Residual: 1.52 ft.

Historical Maximum Water Level: n/a
USCG Freeport, TX - Station Map

Barometric Pressure Plot
S772447 USCG Freeport, TX

Barometric Pressure: 1012.1 mb

Galveston Pleasure Pier, TX - Station Map

Preliminary 6 min. Water Level vs. Predicted Plot
S771510 Galveston Pleasure Pier, TX

Relative to MLLW: Observed: 2.38 ft. Predicted: 0.71 ft. Residual: 1.67 ft.
Historical Maximum Water Level: 09/11/1961, 7.16 ft. above MHHW
Galveston Pleasure Pier, TX - Station Map

NOAA/NOS/C0-DPS
Air/Water Temperature Plot
Station: 8771510 Galveston Pleasure Pier, TX
from 07/20/2008 22:00 - 07/23/2008 22:00

Last Observed Sample: 07/22/2008 22:36 (CDT)
Water Temperature: 89.2° F Air Temperature: 83.9° F

Galveston Pleasure Pier, TX - Station Map

NOAA/NOS/C0-DPS
Wind Speed/Gusts/Dir Plot
Station: 8771510 Galveston Pleasure Pier, TX
from 07/20/2008 22:00 - 07/23/2008 22:00

Last Observed Sample: 07/22/2008 22:36 (CDT)
Wind Speed: 12 knots Gusts: 18 knots Direction: 100° T
Galveston Pleasure Pier, TX - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
8771510 Galveston Pleasure Pier, TX

- Barometric Pressure: 1011.5 mb
- Last Observed Sample: 07/22/2008 22:36 (CDT)

Sabine Pass North, TX - Station Map

NOAA/NOS/C0-OPS
Preliminary 6 min. Water Level vs. Predicted Plot
8770576 Sabine Pass North, TX

- Relative to MLLW: Observed: 2.19 ft. Predicted: 0.73 ft. Residual: 1.46 ft.
Sabine Pass North, TX - Station Map

NOAA/NOS/C0-OPS
Air/Water Temperature Plot

Last Observed Sample: 07/22/2008 22:30 (CDT)
Water Temperature: 91.6° F Air Temperature: 83.5° F

Sabine Pass North, TX - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir

Last Observed Sample: 07/22/2008 22:30 (CDT)
Wind Speed: 21 knots Gusts: 26 knots Direction: 130° T

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Sabine Pass North, TX - Station Map

Barometric Pressure Plot
8770570 Sabine Pass North, TX

Barometric Pressure: 1014.4 mb

Last Observed Sample: 07/22/2008 22:30 (CDT)

Calcasieu Pass, LA - Station Map

Preliminary 6 min. Water Level vs. Predicted Plot
8768094 Calcasieu Pass, LA

Relative to MLLW: Observed: 2.68 ft. Predicted: 0.93 ft. Residual: 1.75 ft.
Historical Maximum Water Level: n/a
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Calcasieu Pass, LA - Station Map

NOAA/NOS/C0-OPS
Wind Speed/Gusts/Dir
9769094 Calcasieu Pass, LA

Last Observed Sample: 07/22/2008 22:30 (CDT)
Wind Speed: 19 knots  Gusts: 21 knots  Direction: 124° T

Calcasieu Pass, LA - Station Map

NOAA/NOS/C0-OPS
Barometric Pressure Plot
9769094 Calcasieu Pass, LA

Last Observed Sample: 07/22/2008 22:30 (CDT)
Barometric Pressure: 1014.6 mb
Cypremort Point, LA - Station Map

Last Observed Sample: 07/22/2008 21:48 (CDT)

Relative to MLLW: Observed: 2.73 ft. Predicted: 1.09 ft. Residual: 1.64 ft.

Historical Maximum Water Level: n/a