

# Weitz Information 2005

## General:

June 2002: 12.78"      Departure from Normal: 2.77"

July 2002: 12.47"      Departure from Normal: 5.77"

Two-Month Total: 25.25"

Total from June 12- July 7: 14.71"

*-No Tropical Storms or Hurricanes were reported impacting the area during those two months.*

## Rankings:

June 2002: 11<sup>th</sup> wettest on record (1912-2004, data missing from 1930-1939)

19.60"-1947

14.85"-1954

14.65"-1959 (possible influence from Hurricane #3)

20.87"-1966 (possible influence from Hurricane Alma)

19.97"-1967

16.23"-1982 (possible influence from remains of Hurricane Alberto)

24.37"-1992

16.09"-1995 (possible influence from Hurricane Allison)

17.23"-1996 (possible influence from Tropical Storm Arthur)

19.19"-1999

July 2002: 5<sup>th</sup> wettest on record (1912-2004, data missing from 1930-1939)

13.12"-1926

12.91"-1929

13.65"-1947

14.02"-1985 (possible influence from Hurricane Bob)

June-July 2002: 4<sup>th</sup> wettest on record (1912-2004, data missing from 1930-1939)

33.25"-1947

30.31"-1966

26.54"-1992

## **Explanation of NCEP surface charts**

*-All events are separate; there is no one event, but a few small separate events that caused the rainfall.*

### June 12-14: (4.28")

- A persistent/stationary trof was in the South Florida area; it could have been a tropical wave, but was not classified on the maps.
- On the 15<sup>th</sup>, the trof interacts with an approaching cold front and pulls up stationary in Central Florida.

### June 19-23: (4.81")

- A trof approaches from the East on the 19<sup>th</sup> and becomes a tropical wave by the 21<sup>st</sup>. It passes over South Florida and is in the Gulf of Mexico by the 23<sup>rd</sup>.

### June 30-July 1: (2.74")

- Tropical Wave approached the area from Cuba.

### July 5-8: (3.28")

- Tropical Wave south of Cuba; this could have influenced rain in the area, but it's probably too far south.
- Summer-time convection? Sea-breeze storms?