April 2015 Rainfall for the Rio Grande Valley

Hebbronville 3.63
Falfurrias 6.15
3.86 6.7
Sarita
Zapata 5.04
Armstrong 6.87
4.57
3.59
2.25
Port Mansfield
Falcon Dam
Raymondville
4.74 4.89
Rio Grande City
3.73
Harlingen
4.59
McAllen
1.16
1.73
Brownsville

Rainfall (Inches)

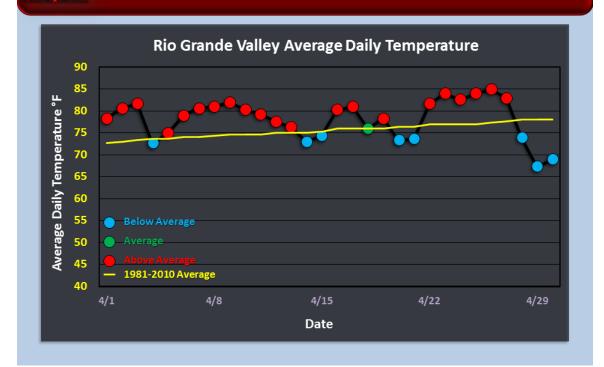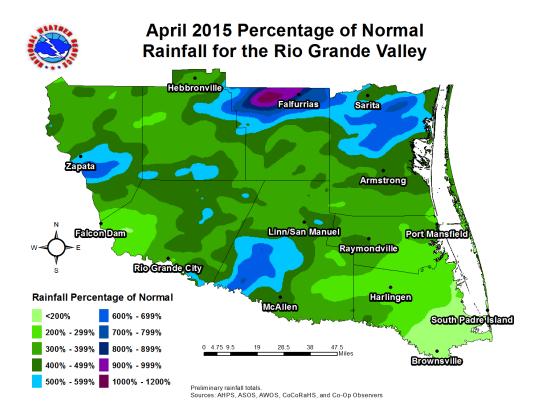|	
<0.10"	5.00" - 6.99"
0.10" - 0.50"	7.00" - 8.99"
0.51" - 0.99"	9.00" - 10.99"
1.00" - 1.99"	11.00" - 12.99"
2.00" - 2.99"	13.00" - 15.00"
3.00" - 4.99"	

0 4.75 9.5 19 28.5 38 47.5 Miles

Preliminary rainfall totals.
Sources: AHPS, ASOS, AWOS, CoCoRaHS, and Co-Op Observers
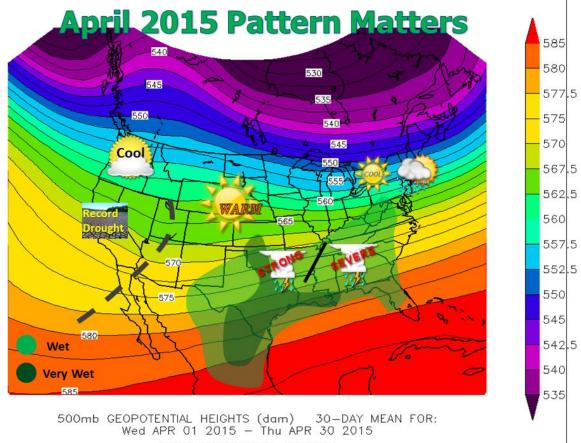
April 2015: Warm and Sticky

Rio Grande Valley Average Daily Temperature

- ● Below Average
- ● Average
- ● Above Average
- ── 1981-2010 Average

Average Daily Temperature °F

Date

April Showers…

…Bring More Than Rain

Damaging Storms, Summer Like Humidity, Bad Air Dominate Month across RGV

April 2015 Percentage of Normal Rainfall for the Rio Grande Valley

Rainfall Percentage of Normal
- <200%
- 200% - 299%
- 300% - 399%
- 400% - 499%
- 500% - 599%
- 600% - 699%
- 700% - 799%
- 800% - 899%
- 900% - 999%
- 1000% - 1200%

Preliminary rainfall totals.
Sources: AHPS, ASOS, AWOS, CoCoRaHS, and Co-Op Observers

The Lowdown, in Brief

- April 2015 was among the wettest all-time across the Rio Grande Valley. Quick stats:
  - McAllen/Miller: 4.59", 3rd wettest all time (since 1961; #1, 5.90 in 1992)
  - McAllen/Cooperative: 5.08", 4th wettest all-time (since 1942; #1, 10.58 in 1954)
  - Harlingen/Cooperative: 3.70", 14th wettest all-time (since 1912; #1, 17.15 in 1991)
  - Rio Grande City: 4.88", 3rd wettest all-time (since 1893; #1, 5.97 in 1968)
  - Port Mansfield, 2.25", 16th wettest all-time (since 1958; #1, 7.64 in 1976)
  - Falcon Dam, 1.99", 17th wettest all-time (since 1963; #1, 4.96 in 1997)
- Percentage of "normal" (based on 1981-2010 data) ranged from 200 to more than 1000%! (above)
- The combination of March and April ranked among the *top ten wettest* in all areas (data coming soon)
- Temperatures were on pace for a top ten finish until a late month cold front swept away the summer-like soupiness; final rankings generally ranged from 15th to 20th warmest
- Minimum temperatures made the difference: Values averaged in the top five or ten, driven by persistent southerly flow of tropical moisture
- That same southerly flow brought pollution from smoke and dust emanating from agricultural burning in Mexico and Central America. On April 26th, just prior to the front that erased the bad air, AQI rose into the "Unhealthy" range, among the worst seen in the Valley in years
- Dangerous Thunderstorms and Flooding Rains were an (expected) visitor to the region as upper level energy overrode the unusually steamy surface air. Read more about these events:
  - April Thunderstorms Bring Flooding and Hail, 10th through 17th
  - Microburst Levels Colonias north of Weslaco and Donna, April 24th

Check back the week of May 4th for an update, tables, and additional statistics and graphics.