

April 2017 Operations Report

The month of April contained 0 days of operations.

Date	Flares	Counties seeded
TOTAL	0	

April 2017 produced nothing as far as seedable activity goes. Rainfall was present however, as overnight cold front moved through the area. Heavy rainfall was reported across the region on April 2nd as a cold front moved across the area and again on the 13th. Overall, average rainfall was over 1.8” for the area with some areas receiving over 2”. As far as day time activity, nothing was recorded during operational hours leaving April 2017 the first April on record to produce no operational days. What exactly this means for the rest of the season is unknown. However, long range models to continue to hint at wetter conditions for the second half of May into June. Last year, a record start to the season was short lived as conditions became unfavorable for the rest of the season. Hopefully the opposite is true this year.

Monthly rainfall for the three major reporting stations were variable. San Angelo was within 0.05” of average with 1.46” reported. Meanwhile, Abilene reported more rainfall than San Angelo but was 1.62” below average for the month. Midland, who had plenty of dryline activity, reported 2.51” of rainfall for the month which is 1.86” above normal. San Angelo and Abilene, year-to-date, remain below normal. Abilene’s total of 5.14” is now 0.62” below normal. Meanwhile, San Angelo’s total of 4.42” is now 0.78” below normal. For Midland, the month of April helped push their annual total to 4.83”, which is 2.31” above normal so far this year.

Temperatures began to level out some at Abilene at 65.4°F for the month. This is within 1° of normal, which is occurring for the first time this year. However, San Angelo remains very warm as the average monthly temperature was 68.2°F, 2.2°F above average. For the year, San Angelo’s average temperature of 60.2°F is above normal by 4.9°. This, according to data dating back to 1950, is the second warmest 1st quarter (2000 had an average temperature of 60.2°F). Midland, despite the abundance of rainfall, was also above normal for the month with an average temperature of 67.8°F (+3.6°F).

Monthly rain gauge measurements from nearest locations inside and out of the target area recorded either by the National Weather Service, Texas Tech University, Mesowest as well as CoCoRaHS.

April 2017 (Normal's of X" from Midland to X" in San Angelo)

Crockett County		Reagan County		Tom Green	
Ozona 32SW	2.90	Big Lake (TTU)	1.47	Wall	1.61
Ozona 20.9SSW	2.49	Big Lake (NWS)	1.48	San Angelo 7NW	1.83
Ozona 19.6S	2.81	Cope Ranch	2.45	Knickerbocker	3.28
Ozona 15SSW	1.10	Sterling County		Carlsbad	1.06
Ozona Airport	0.66	Sterling City (MES)	2.23	Miles 6.5SSE	1.85
Irion County		Sterling City (TTU)	2.16	San Angelo (NWS)	1.46
Mertzon (TTU)	1.65	Sterling City 0.7NW	1.97	Out of Target Area	
Mertzon (S)	2.04	Sutton County		Junction (Kimble)	0.80
Barnhart	0.88	Sonora Average	1.75	Midland (Midland)	2.51
Schleicher County		Sonora Airport	1.58	Abilene (Taylor)	1.34
Eldorado 0.2	1.29	AREA AVERAGE		St. Lawrence (Glasscock)	2.38
Eldorado 22.6ENE	2.39	1.85		Lees (Glasscock)	-

Year to Date (Normal's of X" from Midland to X" in San Angelo)

Crockett County		Reagan County		Tom Green	
Ozona 32SW	6.53	Big Lake (TTU)	5.30	Wall	5.42
Ozona 20.9SSW	6.47	Big Lake (NWS)	5.60	San Angelo 7NW	5.67
Ozona 19.6S	6.62	Cope Ranch	6.48	Knickerbocker	6.77
Ozona 15SSW	5.46	Sterling County		Carlsbad	5.99
Ozona Airport	2.91	Sterling City (MES)	6.82	Miles 6.5SSE	6.33
Irion County		Sterling City (TTU)	6.64	San Angelo (NWS)	4.42
Mertzon (TTU)	5.81	Sterling City 0.7NW	6.19	Out of Target Area	
Mertzon (S)	5.89	Sutton County		Junction (Kimble)	4.62
Barnhart	5.19	Sonora Average	6.04	Midland (Midland)	4.83
Schleicher County		Sonora Airport	5.60	Abilene (Taylor)	5.14
Eldorado 0.2	5.10	AREA AVERAGE		St. Lawrence (Glasscock)	6.10
Eldorado 22.6ENE	4.63	5.75		Lees (Glasscock)	-