

April 2010 Operations Report

April passed without operations.

The month of April contained 0 days of operations

Date	Flares	Counties seeded
Total Flares: 000		

The general weather pattern for April began with a potent high amplitude trough over the Rockies and northern Mexico pushing through Texas on the first Friday of the month. A cold front associated with the system brought early morning non-seedable thunderstorms to West Texas. A potent trough brought very good rains to West Texas between the 14th and 16th of the month. Temperatures throughout the month remained on the cool side for the most part but began to rise into the mid-upper 80s during the last week with the exception of a cold front on the 27th. While the month passed without seedable conditions, rainfall during the middle of the month maintained an above average precipitation pattern. A squall line, moved from west of the target on the evening of the 23rd to east of the target into the morning of the 24th dropped around a quarter of an inch across the region. El Niño persists late winter through early spring. El Niño based predictions for above average rainfall late winter through early spring and below normal temperatures have been reasonably correct.

April rainfall occurred mainly during one event across the region. Totals at San Angelo, Midland, and Abilene rose above the monthly normal for the month. San Angelo received 2.65 inches and was 1.05 inches above normal. Abilene received 1.87 inches and was .20 inches above normal. Midland received 2.03 inches in April and was 1.30 inches above normal. All three sites pushed further above normal for annual precipitation. San Angelo recorded 8.70 inches, Abilene 8.96, and Midland 6.12. Respectively, each site was above normal by 4.11, 3.78, and 3.86 inches for the year.

Monthly rain gauge measurements from nearest locations inside and out of the target area recorded either by the National Weather Service, Weatherbug Sites, Wunderground or Mesowest sites are provided.

<u>NWS</u>	2.56	Cox Ranch	1.79	Iraan	
2.65	Mathis Field	2.80	Ozona	2.69	Vancourt
1.87	Abilene	2.63	Iraan		
3.51	Junction	1.50	Sterling City		
2.03	Midland			<u>Wunderground</u>	
3.36	Big Spring			2.64	Sterling City
		<u>CocoRahs</u>		0.49	Mertzson
		2.28	Eldorado	<u>Other</u>	
<u>Utah Mesonet</u>		2.38	Knickerbocker	2.91	San Angelo (7NW)
2.40	Barnhart	4.48	Garden City	2.69	St. Lawrence
N/A	Sonora	1.13	Ozona (15mi SSW)	3.06	Mertzson