

April 2007 Operations Report

April 17, 2007 – Seeding operations were conducted over Sterling (4) and Tom Green (2) with fair results. 6 flares were burned within 2 clouds that moved very quickly along a rapidly moving dryline from a low over the southern Texas Panhandle.

April 24, 2007 – Seeding operations were conducted over Schleicher (19) and Sutton (16) with good results. 10 flares were burned within 2 small clouds and 25 flares were burned in one large cloud that developed along a cold front moving over the target area throughout the day.

April 29, 2007 – Seeding operations were conducted over Irion (12), Reagan (12), Sterling (2), and Tom Green (7) with good results. 33 flares were burned within 7 small clouds. An upper low over far West Texas promoted multiple thunderstorms.

April 30, 2007 - Seeding operations were conducted over Irion (4), Schleicher (6), Sterling (1), Sutton (3), and Tom Green (3) with good results. 18 flares were burned within 4 small clouds. An upper low over southern Texas panhandle promoted several thunderstorms, mainly north and east of the target area. This is the fourth day for seeding in April and 5th day for seeding during the season.

The month of April contained 4 day of operations

Date	Flares	Counties seeded
17	6	Sterling, Tom Green
24	35	Schleicher, Sutton
29	33	Glasscock, Irion, Reagan, Sterling, Tom Green
30	18	Irion, Schleicher, Sutton, Sterling, Tom Green
Total Flares: 92		

The general weather pattern has allowed for above normal precipitation over the majority of the target area again this month. Several upper level lows have migrated across west Texas or southern Plains, squeezing Pacific Moisture out over the Region. Mathis field was 1.06 inches above normal for April and 4.34 inches above for the year. Midland is surprising wet this year also with .90 inches above in April and 2.87 inches above normal for the year.

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

1.41 Grape Creek
1.42 Eldorado
3.38 McCamey
0.65 Barnhart
2.66 Mathis Field
3.15 Junction
2.14 Abilene
1.63 Midland
1.46 Sonora
1.82 Big Spring