

May 2008 Operations Report

May 13, 2008 - Seeding operations were conducted over Schleicher County (14) with fair results. 14 flares were burned within 4 clouds. A dryline and sufficient surface heating produced several marginal clouds.

May 14, 2008 - Seeding operations were conducted over Irion County (35), Reagan County (1), Sterling County (10), and Tom Green County (11), excellent results. 57 flares were burned within 5 clouds. An upper level low and sufficient surface heating produced several thunderstorms within the region.

May 17, 2008 - Seeding operations were conducted over Irion County (2) and Reagan County (1) with fair results. 3 flares were burned within 2 clouds. An upper level low and sufficient surface heating produced rain showers and a few marginal thunderstorms across the region.

May 24, 2008 - Seeding operations were conducted over Glasscock County (4) and Sterling County (17) with fair results. 21 flares were burned within 6 clouds. A weak frontal boundary produced strong thunderstorms north of the target and marginal thunderstorms in the northern target. This is the fourth day for seeding in May and 7th day for seeding during the season.

The month of May contained 4 days of operations

Date	Flares	Counties seeded
13	14	Schleicher
14	57	Irion, Reagan, Sterling, Tom Green
17	3	Irion, Reagan
24	21	Glasscock, Sterling
Total Flares: 95		

The general weather pattern for May began with a ridge over Texas and westerly flow aloft. A closed upper low pushed across the region during the first full week in May without seedable conditions. A deep trough into Mexico middle of the month produced closed low which shifted across West Texas and allowed for 2 days of seedable conditions. This trough lingered allowing for another closed low to develop over northern Mexico. The low retrograded over the west coast then back over the Desert Southwest 3rd quarter of the month allowing for sporadic and limited seedable conditions. A ridge over the southeast pushed westward during the last week prohibiting seedable conditions while several trough moved across the northern Rockies and north-central Plains. San Angelo Mathis Field fell below normal for the year this month after only 1.01 inches of rain. Midland International continues to be well below normal with a departure for the year -2.95. Abilene faired best over the region in May with heavy rain on the 28th yielding over an inch.

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 other mesonet Sites are provided.

0.21	Eldorado	0.18	Midland	1.13	Knickerbocker
0.07	McCamey	0.88	Sonora	1.10	Big Lake
0.60	Barnhart	0.05	Big Spring		
1.01	Mathis Field	0.14	Ozona		
0.42	Junction	0.75	Mertzon		
2.40	Abilene	0.23	Garden City		