

March 2008 Operations Report

March 17, 2008 - Seeding operations Started over the Corner of Crockett (2), Sutton (2), and Schleicher (23) with good results. 27 flares were burned within 1 cloud moving north-northeastward over western Schleicher County. A dryline moved across the western target area throughout the afternoon and produced one seedable cloud. This is the first day for seeding in March and 1st day for seeding during the season.

The month of March contained 1 day of operations

Date	Flares	Counties seeded
17	27	Crockett, Schleicher, Sutton
Total Flares: 27		

The general weather pattern early this spring has limited the suitable conditions for seeding of clouds due to largely zonal flow across the western Continental United States. However, target area has received heavy rainfall from mainly one system middle of the month and a select other couple days. Mathis Field recorded 4.64 (2nd highest monthly) inches of rain giving a departure from monthly normal at 3.65 above and 2.34 inches above normal for 2008. Abilene also received a 4th highest monthly rainfall of 4.06 inches. The eastern portion of the target area received the most generous amounts of rain; mainly from around Sterling City to Barnhart to Ozona eastward.

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.

2.27	Grape Creek
2.67	Eldorado
0.03	McCamey
2.04	Barnhart
4.64	Mathis Field *Record*
1.62	Junction
4.06	Abilene *Record*
0.37	Midland
3.23	Sonora
0.33	Big Spring
1.39	Ozona
4.05	Mertzon

WTWMA March 2008 Evaluation Report

One large cloud (# 463) was seeded and identified by TITAN on March 17th.

One aircraft was launched for the operation and 27 flares were used on 33 % of the storm volume. The rest of the storm appeared to be seedable but only one pilot was available.

Perfect timing (100 % of the seeding material went into the storm at the right time) for an estimated excellent dose of about 85 ice-nuclei per liter.

Estimated increase: 49 900 ac-f

Per County:

Tom Green ~ 22 700 ac-f

Schleicher ~ 22 700 ac-f

Crockett ~ 2 250 ac-f

Sutton ~ 2 250 ac-f

The performance was evaluated as very good.

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