

September 2006 Operations Report

September 11, 2006 – Operations were conducted over Crockett County (14 flares) with good results. Recon over Reagan and Glasscock since clouds were short-lived and pilot could not reach them in time. 14 flares were burned within one cloud. Sufficient surface heating and a cold front were responsible for cloud development.

September 12, 2006 -- Seeding operations were conducted over Crockett (30), Irion (14), and Tom green (1) with good results. 45 flares were burned within 5 clouds. An upper level disturbance and sufficient heating developed a few clouds. This is the second day for seeding in September and 60th day for seeding during the season.

The month of August contained 10 days of operations

Date	Flares	Counties seeded
11	14	Crockett
12	45	Crockett, Irion, Tom Green
Total Flares: 59		

A rather abnormal September pattern provided few seedable events. Several frontal passages, both dry and wet occurred. The wet events brought most of the target area significant rainfall and Mathis Field reported just under a half inch below normal for annual precipitation.

Radar estimation of seeded areas in inches on the 11th and 12th of September are provided. These values are maximum values from within single cells in the general location listed.

2.3	W. Crockett	September 11
3.0	SW Crockett	September 11
4.7	S. Central Sutton	September 11
0.6	N. Tom Green (TG)	September 11
3.5	W. TG Panhandle/NE Reagan	September 11
3.1	Central Glasscock	September 11
5.5	South of Big Lake	September 12
2.9	W. Crockett Panhandle	September 12
1.9	N. Central Crockett	September 12
1.0	E. Irion	September 12

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 also provided.

.94	Grape Creek
.72	Eldorado
.24	McCamey
1.98	Barnhart
2.60	Mathis Field
3.89	Junction
3.17	Abilene
1.26	Midland
2.00	Sonora