

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - June 25, 2007

**SYNOPTIC/MESOSCALE CONDITIONS:**

High pressure southeast, high pressure desert southwest. Weak circulation over north central Texas.

**LIFTING MECHANISM:**

Upper low; surface heating.

**DISCUSSION:**

MOSTLY SUNNY SKIES THROUGH THE AFTERNOON; SEVERAL CLOUDS DEVELOPED BEFORE 1PM OVER COKE AND RUNNELS COUNTIES. ONE CLOUD PULSING OVER STERLING COUNTY EVENTUALLY REACHED MARGINAL STATUS. CONVECTIVE TEMPERATURE AT MIDLAND WAS 89 AND DEL RIO WAS 80. TEMPERATURES WERE 84 AT SAN ANGELO AND SONORA AT 1PM. SEEDING COMENCED AFTER 2:00PM. PILOT FOUND AROUND 500-600 FT/MIN INFLOW. BASES WERE FOUND AROUND 6500 FT WITH A BASE TEMPERATURE OF 18-21°C.

**WATCHES/WARNINGS:**

None.

**SEEDED CELL ID'S:**

Small cloud: 1310.

**FLIGHT INFORMATION:**

TIME (z)	PLANE	FLARE LOCATION
1908	09P	331° @ 43nm (ST)
1912	09P	329° @ 38nm (ST)
1915	09P	332° @ 42nm (ST)
1920	09P	333° @ 43nm (ST)
1940	09P	Return to base

Seeding operations were conducted over Sterling (12) with good results. 12 flares were burned within one small cloud. An upper-level low over north Texas and surface heating helped to produce storms mainly north and east of the target area. This is the 7<sup>th</sup> day for seeding in June and 17th day for seeding during the season. In "FLARE LOCATION", ST is Sterling County.