

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - July 8, 2010

**SYNOPTIC/MESOSCALE CONDITIONS:**

Weakened Shear Axis West Texas. Tropical Depression two streaming moisture into Texas from western Gulf near northern Mexico shores. Stationary frontal boundary northwestern Texas pushing Southward.

**LIFTING MECHANISM:**

Surface heating.

**DISCUSSION:**

MOSTLY CLOUDY MORNING AND AFTERNOON; MARGINALLY SEEDABLE CLOUDS DEVELOPING 1955Z. LAUNCH PLANE TO INVESTIGATE 2030Z. CONVECTIVE TEMPERATURE AT MIDLAND WAS 84 AND 85 AT DEL RIO. 3PM TEMPERATURES WERE 88 AT SAN ANGELO, 80 AT MIDLAND AND 88 AT SONORA. VERY MARGINAL CONDITIONS CONTINUED WITH SMALL AREAS OF WORKABLE BASES - LIMITED RESPONSE TO SEEDING. CLOUD HAD AROUND 500 FT/MIN INFLOW. BASES WERE FOUND ~4KFT; AT A TEMPERATURE OF 20°C.

**WATCHES/WARNINGS:**

Flood watch all West Texas.

**SEEDED CELL ID'S:**

6660.

**FLIGHT INFORMATION**

TIME (z)	PLANE	FLARE LOCATION
2125	30Y 189°	@ 30nm (SC)
2128	30Y 190°	@ 30nm (SC)
2130	30Y 191°	@ 31nm (SC)
2132	30Y 192°	@ 31nm (SC)
2134	30Y 191°	@ 32nm (SC)
2145	30Y	Return to base

Seeding operations were attempted over Schleicher (6) County. 6 flares were burned within 1 cloud. Shear axis and surface heating produced marginal showers. This is the third day for seeding in July and 19<sup>th</sup> day for seeding during the season. In "FLARE LOCATION", SC is Schleicher County.