

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - August 31, 2008

SYNOPTIC/MESOSCALE CONDITIONS:

Remnant low (Julio) northern Mexico slightly west from recent days. High pressure Great Lakes to Deep South. Hurricane Gustav central Gulf pushing toward central Louisiana providing subsidence west-central Texas.

LIFTING MECHANISM:

Surface heating.

DISCUSSION:

MOSTLY SUNNY SKIES EARLY AFTERNOON; MARGINAL CLOUDS SHOWING SIGNS OF DEVELOPING AROUND 1230PM. CALLED FOR PILOT AT 1PM; LAUNCHED AT 210PM. MEANWHILE, CLOUDS BUBBLED MOSTLY BELOW MARGINALLY SEEDABLE CONDITIONS. SUBSIDENCE EVIDENTLY FROM HURRICANE GUSTAV INHIBITED THUNDERSTORMS FROM DEVELOPING OVER WEST-CENTRAL TEXAS. CONVECTIVE TEMPERATURE AT MIDLAND WAS 79 AND 81 AT DEL RIO. 1PM TEMPERATURES WERE 85 AT SAN ANGELO AND 81 AT MIDLAND. CLOUDS HAD AROUND 500-600 FT/MIN INFLOW. BASES WERE FOUND ~5.5KFT; AT A TEMPERATURE OF 18°C.

WATCHES/WARNINGS:

None

SEEDED CELL ID'S:

No track.

FLIGHT INFORMATION

TIME (z)	PLANE	FLARE LOCATION
1948	41P 312°	@ 50nm (ST)
1954	41P 314°	@ 53nm (ST)
2010	41P	Return to base

Seeding operations were attempted over Sterling (2) County. 2 flares were burned within 1 cloud. Surface heating produced showers over the northern target. This is the fifteenth day for seeding in August and 36th day for seeding during the season. In "FLARE LOCATION", ST is Sterling County.