

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - March 8, 2010

SYNOPTIC/MESOSCALE CONDITIONS:

Low pressure moving across the Texas Panhandle. Cold front with strong dewpoint gradient crosses target area quickly.

LIFTING MECHANISM:

Cold front.

DISCUSSION:

CLOUDY EARLY MORNING; CLEARING JUST AHEAD OF THE FRONT ALLOWED FOR FLYABLE CONDITIONS; MARGINALLY SEEDABLE CLOUDS. NEW WEATHER MOD PILOT LAUNCHED 1035AM. TELEMTRY TROUBLESHOOTING SOLVED MID-MISSION. CONVECTIVE TEMPERATURE AT MIDLAND WAS 63 AND 70 AT DEL RIO. 11AM TEMPERATURES WERE 71 AT SAN ANGELO AND 65 AT MIDLAND. CLOUDS HAD AROUND 2-300 FT/MIN INFLOW. BASES WERE FOUND ~5-7 KFT; AT A TEMPERATURE OF 5-9°C.

WATCHES/WARNINGS:

NONE

SEEDED CELL ID'S:

510, 1077, 1123.

FLIGHT INFORMATION

TIME (z)	PLANE	FLARE LOCATION
1720	41P 195°	@ 25nm (SC)
1724	41P 195°	@ 28nm (SC)
1734	41P 189°	@ 28nm (SC)
1736	41P 186°	@ 28nm (SC)
1752	41P 193°	@ 46nm (SU)
1804	41P 189°	@ 45nm (SU)
1806	41P 191°	@ 49nm (SU)
1808	41P 190°	@ 48nm (SU)
1816	41P 170°	@ 36nm (SC)
1818	41P 162°	@ 32nm (SC)
1823	41P 142°	@ 27nm (SC)
1829	41P 162°	@ 31nm (SC)
1831	41P 153°	@ 32nm (SC)
1834	41P 148°	@ 32nm (SC)
1845	41P	Return to base

Seeding operations were conducted over Schleicher (10) and Sutton (8) Counties. 18 flares were burned within 3 small cells along a line. An upper level low, and cold front produced marginal thunderstorms in the morning. This is the first day for seeding in March and 1st day for seeding during the season. In "FLARE LOCATION", SC is Schleicher County and SU is Sutton County.