

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - March 17, 2008

SYNOPTIC/MESOSCALE CONDITIONS:

Low pressure at Texas Panhandle; Dryline over western Target propagating eastward through the afternoon.

LIFTING MECHANISM:

Dryline; Sufficient surface heating.

DISCUSSION:

MOSTLY CLOUDY-BROKEN SKIES PREVAILED ACROSS SOUTHEASTERN TARGET AREA THROUGH THE AFTERNOON. CONVECTIVE TEMPERATURE AT WAS MIDLAND 79 AND DEL RIO 96. HIGH TEMPERATURES WERE 82 AT SAN ANGELO AND 76 AT MIDLAND. MIDLEVEL TO HIGH STRATUS WERE MAJORITY OVER THE TARGET THROUGHOUT THE DAY. PILOT WENT OUT FOR TEST FLIGHT AND RECON OF DRYLINE AT 5PM. DRYLINE HAD PASSED THROUGH SJT AND OZONA. 6:00, WEAK CLOUD DEVELOPED AT APEX OF CROCKETT/SUTTON/SCHLEICHER COUNTIES AND SEEDING COMMENCED AT 630. CLOUD HAD AROUND 500-1000 FT/MIN INFLOW. BASES WERE FOUND AT 7000 FT AT START THEN FELL DURING SEEDING; AT A TEMPERATURE OF 10-12°C.

WATCHES/WARNINGS:

Severe storm warning issued for storm at 7pm.

SEEDED CELL ID'S:

469

FLIGHT INFORMATION:

TIME (z)	PLANE	FLARE LOCATION
2328	09P	204° @ 49nm (CR)
2331	09P	202° @ 46nm (SU)
2333	09P	202° @ 43nm (SC)
2335	09P	198° @ 39nm (SC)
2342	09P	203° @ 44nm (SC)
2347	09P	202° @ 40nm (SC)
2349	09P	202° @ 37nm (SC)
2352	09P	200° @ 33nm (SC)
2353	09P	200° @ 31nm (SC)
2354	09P	200° @ 29nm (SC)
0002	09P	197° @ 24nm (SC)
0012	09P	198° @ 24nm (SC)
0014	09P	198° @ 21nm (SC)
0017	09P	Return to base

Seeding operations Started over the Corner of Crockett (2), Sutton (2), and Schleicher (23) with good results. 27 flares were burned within 1 cloud moving north-northeastward over western Schleicher County. A dryline moved across the western target area throughout the afternoon and produced one seedable cloud. This is the first day for seeding in March and 1st day for seeding during the season. In "FLARE LOCATION", CR is Crockett County, SC is Schleicher County, and SU is Sutton County.