

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - June 30, 2008

SYNOPTIC/MESOSCALE CONDITIONS:

Low pressure over Quebec with a front stationary into southwest Texas. Ridge Mexico/Texas to western Canada.

LIFTING MECHANISM:

Stationary front; sufficient surface heating.

DISCUSSION:

MOSTLY CLOUDY SKIES WERE PRESENT THROUGHOUT THE TARGET AREA DURING THE AFTERNOON; MARGINAL CLOUDS OVER SOUTH CENTRAL SUTTON. CONVECTIVE TEMPERATURE AT MIDLAND WAS 76 AND 82 AT DEL RIO. 5PM TEMPERATURES WERE 76 AT SAN ANGELO AND 75 AT SONORA. SENT FIRST PILOT TO SEED AT 445PM BUT SONORA RAINED ON PRIOR TO LAUNCH. SECOND PILOT SENT UP AT 555. CLOUDS HAD AROUND 500-7000 FT/MIN INFLOW. BASES WERE FOUND LOW ~4.5-5.5 KFT; AT A TEMPERATURE OF 18-20°C.

WATCHES/WARNINGS:

None.

SEEDED CELL ID'S:

5384, 5548.

FLIGHT INFORMATION

TIME (z)	PLANE	FLARE LOCATION
2310	41P 189°	@ 32nm (SC)
2316	41P 197°	@ 38nm (SC)
2325	41P 204°	@ 39nm (SC)
2327	41P 207°	@ 41nm (SC)
2340	41P 215°	@ 37nm (SC)
2343	41P 210°	@ 34nm (SC)
2321	41P 224°	@ 29nm (SC)
2325	41P 222°	@ 27nm (SC)
2335	41P	Return to Base

Seeding operations were conducted over Schleicher County (9). 9 flares were burned within 2 clouds which merge into one cloud. A stationary front and sufficient surface heating produced thunderstorms over the southern target. This is the seventh day for seeding in June and 14th day for seeding during the season. In "FLARE LOCATION", SC is Schleicher County.