

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - June 1, 2010

SYNOPTIC/MESOSCALE CONDITIONS:

Low-pressure lee of Colorado Rockies with trough along western target.

LIFTING MECHANISM:

Sufficient surface heating.

DISCUSSION:

MOSTLY SUNNY MORNING AND AFTERNOON; CONVECTION NOT EXPECTED TODAY BUT ONE CLOUD POPPED UP OVER SCHLEICHER COUNTY WITH ONLY 20-MIN LIFETIME. PILOT LAUNCHED TO FIND REMNANT CLOUDS WITH INFLOW; ATTEMPTED SEEDING BUT CLOUD NEVER RETURNED. CONVECTIVE TEMPERATURE AT MIDLAND WAS 92 AND 89 AT DEL RIO. 6PM TEMPERATURES WERE 96 AT SAN ANGELO AND 91 AT SONORA. CLOUDS LATER DEVELOPED OVER STERLING COUNTY AT DARK. CLOUDS HAD AROUND 300-500 FT/MIN INFLOW. BASES WERE FOUND ~8.5KFT; AT A TEMPERATURE OF 12-14°C.

WATCHES/WARNINGS:

None.

SEEDED CELL ID'S:

N/A

FLIGHT INFORMATION

TIME (z) PLANE FLARE LOCATION

2340	24P 188° @ 33nm (SC)
2341	24P 187° @ 36nm (SC)
2350	24P Return to base

Seeding operations were attempted over Schleicher (5) County. 5 flares were burned within 1 breathing cloud. Sufficient surface heating developed one marginal cloud. This is the first day for seeding in June and 7th day for seeding during the season. In "FLARE LOCATION", SC is Schleicher County.