

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - June 28, 2010

SYNOPTIC/MESOSCALE CONDITIONS:

MCV - midlevel disturbance moving eastward through central Texas. Cold front draped across West Texas. Ridge over Nevada to Saskatchewan. Low Arizona/New Mexico.

LIFTING MECHANISM:

Cold front.

DISCUSSION:

MOSTLY CLOUDY MORNING AND PARTLY SUNNY AFTERNOON; THUNDERSTORMS DEVELOPING ALONG A COLD FRONT OVER SOUTHERN TARGET ~ 18Z. PILOT LAUNCHED 1835Z. CONVECTIVE TEMPERATURE AT MIDLAND WAS 85 AND 82 AT DEL RIO. 1PM TEMPERATURES WERE 81 AT SAN ANGELO AND SONORA. CLOUDS CONTAINED WEAK INFLOW WITH MOSTLY CLOUDY CONDITIONS. CLOUDS HAD AROUND 300-500 FT/MIN INFLOW. BASES WERE FOUND ~5-6KFT; AT A TEMPERATURE OF 17-20°C.

WATCHES/WARNINGS:

Flash Flood Watch West Texas.

SEEDED CELL ID'S:

3828, 3834, 3998.

FLIGHT INFORMATION

TIME (z)	PLANE	FLARE LOCATION			
1847	41P 175° @ 33nm	(SC)	1930	41P 181° @ 55nm	(SU)
1849	41P 175° @ 33nm	(SC)	1936	41P 180° @ 50nm	(SU)
1857	41P 180° @ 41nm	(SU)	1941	41P 170° @ 46nm	(SU)
1901	41P 185° @ 43nm	(SU)	1945	41P 165° @ 45nm	(SU)
1908	41P 195° @ 51nm	(SU)	1953	41P 160° @ 35nm	(SC)
1910	41P 195° @ 56nm	(SU)	2003	41P 161° @ 46nm	(SU)
1913	41P 196° @ 61nm	(CR)	2011	41P 170° @ 50nm	(SU)
1917	41P 196° @ 68nm	(CR)	2015	41P 171° @ 53nm	(SU)
1922	41P 200° @ 69nm	(CR)	2050	41P Return to base	
1927	41P 200° @ 59nm	(CR)			

Seeding operations were conducted Crockett (8) County, Schleicher (6) County, and Sutton (22) County. 36 flares were burned within 3 clouds. A cold front aided to develop seedable clouds. This is the eighth day for seeding in June and 14th day for seeding during the season. In "FLARE LOCATION", CR is Crockett County, SC is Schleicher County, SU is Sutton County.