

WEST TEXAS WEATHER MODIFICATION ASSOCIATION - SAN ANGELO, TEXAS

SEEDING REPORT - March 24, 2010

**SYNOPTIC/MESOSCALE CONDITIONS:**

Low pressure center moving across North Texas and Oklahoma. Dryline moving through target area mid afternoon. Cold front behind Midland to Wichita Falls.

**LIFTING MECHANISM:**

Dryline.

**DISCUSSION:**

MOSTLY SUNNY MORNING AND AFTERNOON; CLOUDS BEGAN TO DEVELOP AROUND NOON NORTH OF SAN ANGELO. CLOUDS WERE NOT SEEDABLE THROUGH 2PM. AIRCRAFT LAUNCHED AT 245PM OR 1945Z ON NEW DEVELOPMENT OVER SCHEICHER. CONVECTIVE TEMPERATURE AT MIDLAND WAS 74 AND 65 AT DEL RIO. 2PM TEMPERATURES WERE 76 AT SAN ANGELO AND 77 AT BARNHART. CLOUDS HAD AROUND 3-900 FT/MIN INFLOW. BASES WERE FOUND ~7.5-9 KFT; AT A TEMPERATURE OF 2-6°C.

**WATCHES/WARNINGS:**

2020z - Severe Thunderstorm Watch

**SEEDED CELL ID'S:**

212, 224, 294.

**FLIGHT INFORMATION**

TIME (z)	PLANE	FLARE LOCATION			
2006	24P 170° @ 24nm (SC)		2116	24P 190° @ 61nm (SU)	
2008	24P 160° @ 22nm (SC)		2125	24P 187° @ 45nm (SU)	
2012	24P 152° @ 21nm (SC)		2130	24P 190° @ 40nm (SU)	
2025	24P 180° @ 34nm (SC)		2129	24P 152° @ 36nm (SC)	
2040	24P 200° @ 55nm (CR)		2135	24P 148° @ 36nm (SC)	
2042	24P 200° @ 59nm (CR)		2140	24P 165° @ 40nm (SC)	
2044	24P 200° @ 63nm (CR)		2145	24P 165° @ 43nm (SU)	
2051	24P 200° @ 67nm (CR)		2148	24P 165° @ 47nm (SU)	
2053	24P 197° @ 67nm (CR)		2151	24P 165° @ 52nm (SU)	
2059	24P 198° @ 63nm (CR)		2154	24P 164° @ 57nm (SU)	
2103	24P 190° @ 55nm (SU)		2203	24P 160° @ 53nm (SU)	
2111	24P 195° @ 55nm (SU)		2205	24P Return to base	

Seeding operations were conducted over Crockett (11), Schleicher (10), and Sutton (18) Counties. 39 flares were burned within 2 small cells and one large cell with good results. A dryline produced marginal thunderstorms during mid-afternoon. This is the second day for seeding in March and 2<sup>nd</sup> day for seeding during the season. In "FLARE LOCATION", CR is Crockett County, SC is Schleicher County, and SU is Sutton County.