**WEST TEXAS WEATHER MODIFICATION ASSOCIATION – SAN ANGELO, TEXAS**

**SEEDING REPORT – June 25, 2010**

**SYNOPTIC/MESOSCALE CONDITIONS:**
Ridge over Texas. Weakness over central Texas. Small MCV over north-central Target.

**LIFTING MECHANISM:**
Upper low, sufficient surface heating.

**DISCUSSION:**
MOSTLY SUNNY; CUMULUS NOT AS NUMEROUS AS DAY PRIOR. CLOUD WITH TRACK DEVELOPED OVER STERLING COUNTY AROUND 1240PM; CALLED PILOT. LAUNCHED AIRCRAFT ONE AT 1810Z AND SECOND PILOT 1900Z. CONVECTIVE TEMPERATURE AT MIDLAND WAS 90 AND 87 AT DEL RIO. 1PM TEMPERATURES WERE 87 AT SAN ANGELO AND 93 AT MIDLAND. 3PM TEMPERATURES WERE 80 AT SAN ANGELO AND 88 AT MIDLAND. CLOUDS HAD AROUND 300-800 FT/MIN INFLOW. BASES WERE FOUND ~8-10.2KFT; AT A TEMPERATURE OF 10-13°C.

**WATCHES/WARNINGS:**
NONE.

**SEEDED CELL ID'S:**
2, 5, 114, 115, 118, 131, 295, 365, 439, 469, 709, 832, 847, 862, 864, 1007, 1055, 1277, 1316, 1352, 1441, 1566, 1757.

**FLIGHT INFORMATION**

| TIME (z) | PLANE | FLARE LOCATION |
|---|---|---|
| 1831 | 30Y | 290° @ 36nm (ST) |
| 1838 | 30Y | 290° @ 37nm (ST) |
| 1841 | 30Y | 290° @ 42nm (ST) |
| 1845 | 30Y | 285° @ 44nm (ST) |
| 1849 | 30Y | 295° @ 37nm (ST) |
| 1905 | 30Y | 310° @ 54nm (GL) |
| 1912 | 30Y | 300° @ 56nm (GL) |
| 1916 | 30Y | 295° @ 58nm (GL) |
| 1921 | 30Y | 305° @ 56nm (GL) |
| 1924 | 30Y | 310° @ 57nm (GL) |
| 1938 | 30Y | 295° @ 40nm (ST) |
| 1946 | 30Y | 290° @ 33nm (ST) |
| 1954 | 30Y | 285° @ 35nm (ST) |
| 2000 | 30Y | 285° @ 40nm (ST) |
| 2003 | 30Y | 280° @ 43nm (ST) |
| 2008 | 30Y | 280° @ 51nm (GL) |
| 2020 | 30Y | 280° @ 57nm (GL) |
| 2023 | 30Y | 280° @ 53nm (GL) |
| 2026 | 30Y | 280° @ 47nm (GL) |
| 2031 | 30Y | 281° @ 53nm (GL) |
| 2036 | 30Y | 281° @ 62nm (GL) |
| 2038 | 30Y | 281° @ 66nm (GL) |
| 2046 | 30Y | 282° @ 69nm (GL) |
| 2048 | 30Y | 282° @ 66nm (GL) |
| 2127 | 30Y | 314° @ 17nm (TG) |
| 2130 | 30Y | 330° @ 15nm (TG) |
| 2132 | 30Y | 337° @ 17nm (TG) |
| 2134 | 30Y | 340° @ 19nm (TG) |
| 2136 | 30Y | 335° @ 16nm (TG) |
| 2140 | 30Y | 305° @ 15nm (TG) |
| 2143 | 30Y | 305° @ 15nm (TG) |
| 2147 | 30Y | 280° @ 13nm (TG) |
| 2150 | 30Y | 276° @ 14nm (IR) |
| 2155 | 30Y | Return to base |
| 1910 | 24P | 257° @ 23nm (IR) |
| 1914 | 24P | 264° @ 24nm (IR) |
| 1919 | 24P | 264° @ 28nm (IR) |
| 1930 | 24P | 294° @ 29nm (ST) |
| 1951 | 24P | 278° @ 17nm (IR) |
| 1953 | 24P | 279° @ 17nm (TG) |
| 1955 | 24P | 278° @ 17nm (TG) |
| 2019 | 24P | 297° @ 22nm (TG) |
| 2023 | 24P | 299° @ 20nm (TG) |
| 2026 | 24P | 294° @ 16nm (TG) |
| 2028 | 24P | 297° @ 16nm (IR) |
| 2030 | 24P | 293° @ 17nm (IR) |
| 2052 | 24P | 266° @ 42nm (RE) |
| 2120 | 24P | 273° @ 68nm (RE) |
| 2127 | 24P | 266° @ 68nm (RE) |
| 2135 | 24P | 273° @ 65nm (RE) |
| 2141 | 24P | 272° @ 64nm (RE) |
| 2143 | 24P | 275° @ 68nm (RE) |
| 2248 | 24P | 240° @ 18nm (IR) |

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|---|---|---|---|
| 2250 | 24P 240° @ 17nm (IR) | 2227 | 41P 253° @ 05nm (TG) |
| 2255 | 24P 230° @ 18nm (IR) | 2229 | 41P 270° @ 08nm (TG) |
| 2259 | 24P 243° @ 13nm (TG) | 2231 | 41P 266° @ 07nm (TG) |
| 2325 | 24P Return to base | 2234 | 41P 235° @ 07nm (TG) |
| | | 2238 | 41P 193° @ 02nm (TG) |
| 2140 | 41P 275° @ 11nm (IR) | 2245 | 41P 257° @ 02nm (TG) |
| 2142 | 41P 266° @ 11nm (IR) | 2311 | 41P 161° @ 34nm (SC) |
| 2152 | 41P 266° @ 24nm (IR) | 2313 | 41P 159° @ 38nm (SC) |
| 2203 | 41P 257° @ 15nm (IR) | 2315 | 41P 158° @ 42nm (SU) |
| 2206 | 41P 255° @ 10nm (TG) | 2319 | 41P 158° @ 49nm (SU) |
| 2208 | 41P 249° @ 07nm (TG) | 2321 | 41P 158° @ 52nm (SU) |
| 2209 | 41P 259° @ 07nm (TG) | 2342 | 41P 222° @ 28nm (SC) |
| 2211 | 41P 255° @ 08nm (TG) | 2344 | 41P 231° @ 27nm (SC) |
| 2217 | 41P 176° @ 01nm (TG) | 2347 | 41P 240° @ 25nm (IR) |
| 2219 | 41P 353° @ 01nm (TG) | 2351 | 41P 229° @ 27nm (IR) |
| 2224 | 41P 206° @ 06nm (TG) | 0000 | 41P Return to base |

Seeding operations were conducted over Glasscock (29), Irion (32), Reagan (12), Schleicher (7), Sterling (23), Sutton (3), and Tom Green (50) Counties. 129 flares were burned within 1 very large track cloud with more than 22 additional cells. An upper low over central Texas and sufficient surface heating allowed for very good cloud seeding. This is the fifth day for seeding in June and 11$^{th}$ day for seeding during the season. In “**FLARE LOCATION**”, GL is Glasscock County, IR is Irion County, RE is Reagan County, SC is Schleicher County, ST is Sterling County, SU is Sutton County, and TG is Tom Green County.