

SOUTHWEST TEXAS RAIN ENHANCEMENT ASSOCIATION

Summary of Weather Modification Activity September 14 - 20, 2003

Sunday, September 14: A strong line of thunderstorms was moving toward Uvalde County from the north/northwest and a aircraft was launched at 9:36 AM to begin seeding operations for rain enhancement in Uvalde County and entered the county at 9:48. 11 (40g) BIP flares were used. The line began to die as it slowly made its way southeastward and the aircraft left Uvalde county at 12:18 PM. No more seeding activities were conducted in Uvalde County.

Monday, September 15: Coastal trough in control of the weather. No showers or thunderstorms entered Uvalde County today. No seeding operations were conducted.

Tuesday, September 16: Coastal trough still in control of the weather. No shower or thunderstorm activity across Uvalde County today. No seeding operations were conducted.

Wednesday, September 17: Seedable storm cells existed across Uvalde county in the late afternoon and early evening but the visibility was very poor. No seeding operations were conducted in Uvalde County.

Thursday, September 18: Short waves moving across the region kicking off numerous shower and thunderstorm activity today. Cloud bases were very low to the ground and very embedded. No seeding operations were conducted.

Friday, September 19: Short wave moving across the region in conjunction with coastal trough brought showers across Uvalde County. Rain showers were off the stratiform variety and very weak. No seeding operations were conducted.

Saturday, September 20: Coastal trough and a shot wave moving across the area again brought light rain showers to the area. Showers were of the stratiform type again. No seeding operations were conducted

Southwest Texas Rain Enhancement Association

EAA Seeding Summary for September 14 - September 20, 2003

Flight #	Date	Aircraft	Enter Uvalde (approximate)	Exit Uvalde	Total Time (hours)	Materials Used	Total Seeding Material	Purpose	Rated
S-69	9/14/2003	N7622Q	9:48 AM	12:18 PM	2.5	11 BIP Flares (40g)	440g Agl	Rain Enhancement	Good
TOTALS					2.5	11 BIP Flares (40g)	440g Agl		