

SOUTHWEST TEXAS RAIN ENHANCEMENT ASSOCIATION

Summary of Weather Modification Activity August 31 - September 6, 2003

Sunday, August 31: At 11:30 AM a line of organized storms was approaching Uvalde County. Aircraft launched at 12:00 noon to begin seeding operations. Aircraft found that the line was embedded and no inflow could be found. No seeding was done.

Monday, September 1: No seeding operations were done today

Tuesday, September 2: No seeding operations were done in Uvalde county. All activity was to the south.

Wednesday, September 3: A line of thunderstorms moved into Uvalde county from the east. Plane arrived in Uvalde County around 3:45PM and worked the line for roughly 15minutes until the cell moved out of Uvalde county.

Thursday, September 4: At 3:22 PM aircraft was launched to investigate a cell in northern Uvalde county. Area of inflow was found and it existed for roughly 20 minutes. Activity in Uvalde County dropped off considerably.

Friday, September 5: A line of storms moved into Uvalde and an aircraft was sent to investigate at 4:20. Found inflow and worked the cell for roughly 20 minutes until it moved out of Uvalde county.

Saturday, September 6: High pressure building into the region. No seeding done for today

Southwest Texas Rain Enhancement Association

EAA Seeding Summary for August 31 - September 6, 2003

Flight #	Date	Aircraft	Enter Uvalde (approximate)	Exit Uvalde (approximate)	Total Time (hours)	Materials Used	Total Seeding Material	Purpose	Rated
R-19	8/31/2003	98P	11:58 AM	12:40 PM	0.7	n/a	n/a	Recon	Activity responding to complex synoptic situation
S-60	9/3/2003	N7622Q	3:45 PM	4:00 PM	0.25	2 BIP Flares (40g)	80g Agl	Rain Enhancement	Very Good
S - 63	9/4/2003	6498P	3:35 PM	4:15 PM	0.66	1 BIP Flare (40g) 2 BIP Flares (80g)	200g Agl	Rain Enhancement	Very Good
S-65	9/5/2003	6498P	4:18 PM	4:40 PM	0.42	4 BIP Flares (40g) 2 BIP Flares (80g)	320g Agl	Rain Enhancement	Excellent
TOTALS					1.33 hrs	7 BIP Flares (40g) 4 BIP Flares (80g)	600g Agl		