

## **SOUTHWEST TEXAS RAIN ENHANCEMENT ASSOCIATION**

### **Summary of Weather Modification Activity August 10 - 16, 2003**

#### **SUNDAY, AUGUST 10**

Some shower/thundershower activity made it into the county today, but too weak and embedded in rain for seeding.

#### **MONDAY, AUGUST 11**

Several thundershowers developed or moved into the county during the afternoon, and then again during the evening hours, but they were weak and short-lived. No seeding.

#### **TUESDAY, AUGUST 12**

A strong cell approached southwestern Uvalde Co. from the northwest. A flight was launched at 3:40am. Once the storm made it into the county border, it weakened rapidly and became unworkable. Later in the afternoon, a cell in central Uvalde Co. reorganized. A flight was launched at 4:00pm. A large area of inflow was encountered and seeding began at 4:25pm, which continued for about ten minutes. Later, new areas of growth were observed on radar before the cell exited the southeast county border.

#### **WEDNESDAY, AUGUST 13**

A cluster of cells approached the northern county border around 11:00am. While they were very weak to start with, they began intensifying after entering the county. A flight was launched towards this activity at 11:15am. By 11:45am, seeding began, and continued until approximately 12:30pm, at which time the leading edge of the cells had through Uvalde County.

#### **THURSDAY, AUGUST 14**

Only light rain showers over Uvalde Co. today. Thunderstorm activity developed west of the county, with northwestward movement. No seeding.

#### **FRIDAY, AUGUST 15**

No convective activity near Uvalde Co. today, as Tropical Storm Erika makes her approach to the southern Texas coast. No seeding.

#### **SATURDAY, AUGUST 16**

A few showers developed, but high pressure building into region prevented any strengthening. No seeding.

# Southwest Texas Rain Enhancement Association

## EAA Seeding Activity for Uvalde County

### August 10 - 16, 2003

Flight #	Date	Aircraft	Enter Uvalde (approximate)	Exit Uvalde	Total Time (hours)	Materials Used	Total Seeding Material	Purpose	Rated
S-47	8/12/2003	N7622Q	4:15 PM	5:00 PM	0.75	4 BIP Flares (40g)	160g Agl	Rain Enhancement	Good
S-48	8/13/2003	N7622Q	11:30 AM	12:45 PM	1.25	6 BIP Flares (40g) 6 BIP Flares (80g)	720g Agl	Rain Enhancement	Excellent
<b>TOTALS</b>					2	6 BIP Flares (80g) 10 BIP Flares (40g)	880g Agl		