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STS-71 Launch Weather Forecast for Tuesday, June 27, 1995
Prepared Monday, June 26, 1995

Synopsis: Upper altitude high pressure off western Cuba is expected to build northward or northeastward. Surface high pressure also appears to be developing off the east coast of Florida. If these trends continue this will generally decrease the amount of clouds and thunderstorms. However, the onset of the afternoon seabreeze will continue to generate thunderstorms late in the day. At this time the forecast conditions on Tuesday between 3:32 and 3:42 p.m. are:

Clouds: 3,000 scattered cumulus (30% sky coverage)
25,000 broken cirrus (70% sky coverage)

Visibility: 7+ miles

Wind-Pad 39-A: E/7 knots gusting to 12 knots

Temperature: 83 degrees

Dewpoint: 72 degrees

Humidity: 70%

Precipitation: showers and thunderstorms
Other Weather: thunderstorm anvil or debris clouds

Probability of tanking criteria violation: 10%

Probability of launch criteria violation: 70 %
24 hour delay: 70 %
48 hour delay: 70 %

KSC 24-hour Weather Data:
Today's minimum temperature: 72 degrees
Yesterday's maximum temperature: 88 degrees
Lowest relative humidity: 68%
Peak wind speed/direction: 47 mph/SW at 3:46 p.m.
Precipitation as of 7 a.m.: 2.39 inches
Total precipitation for the month: 5.87 inches

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