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STS-73 Launch Weather Forecast
Prepared on Wednesday, October 11, 1995

Synopsis: Onshore wind from the Atlantic Ocean will create the possibility of morning showers. Hurricane Roxanne located in the Gulf of Mexico will increase the local wind conditions. At the opening of the launch window at 9:46 a.m. on Saturday the forecast is:

Clouds: 2,500 scattered cumulus (40% sky coverage)
10,000 scattered altocumulus (30% sky coverage)
25,000 broken cirrostratus (60% sky coverage)

Visibility: 7 miles

Wind- [Pad 39-B](#): SE/15 knots, gusts to 26 knots

Temperature: 83 degrees

Dewpoint: 75 degrees

Humidity: 77%

Precipitation: scattered showers

Other weather concerns: windy

Probability of tanking criteria violation: 10%
Probability of [weather criteria violation](#) precluding launch: 40%
24 hour delay: 40%

[Solid rocket booster recovery area](#) forecast:
Wind: SE/15-27 knots Seas: 7-10 feet Water temperature: 74 degrees

24-hour Weather Data
[Shuttle Landing Facility](#)

Today's minimum temperature: 75 degrees
Yesterday's maximum temperature: 83 degrees
Lowest relative humidity: 77%
Peak wind speed/direction: 15 mph/SE
Precipitation: 1.48 inches
Total precipitation for the month: 4.43 inches
Barometric pressure at 7 a.m.: 29.96 inches

Sunrise Saturday: 7:23 a.m.
Sunset Saturday: 6:54 p.m.

Forecast developed by USAF Range Weather Operations Facility