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[STS-74](#) Launch Weather Forecast
Prepared Friday, Nov. 10, 1995 at 10:30 p.m.

Synoptics: Moist southeast winds will bring clouds and scattered showers. An approaching cold front is expected to pass through the area late Saturday or very early Sunday which has the potential to create low cloudiness and a chance of showers. At 7:56 a.m. on Saturday, Nov. 11 the forecast is:

Clouds: 2,500 scattered cumulus
4,500 scattered variable broken
25,000 broken cirrostratus

Visibility: 7 + miles

Wind- [Pad 39-A](#): SSE/7 knots, gusts to 12 knots

Temperature: 70 degrees

Precipitation: scattered showers within 20 miles

Other weather concerns: chance of ceiling below 6,000 feet, flight through precipitation and marginal weather at [overseas emergency sites](#)

Probability of tanking criteria violation: 0%
Probability of [weather criteria](#) violation precluding launch: 60%
24 hour delay: 40%

[Solid rocket booster recovery area](#) forecast:
Wind: S/18-24 knots Seas: 5 - 7 feet Water Temperature: 79 degrees

[TAL](#) site forecast:
A strong low pressure system just northwest of Spain is affecting all three TAL sites. All three sites have considerable cloudiness, showers, thunderstorms in the vicinity and strong winds peaking to 30 knots.

Sunrise Saturday: 6:42 a.m.
Sunset Saturday: 5:31 p.m.

Forecast developed by USAF Range Weather Operations Facility