



Launch Mission Execution Forecast

Mission: Atlas V KA-08

Issued: 01-Jul-26 / 0800L (1200Z)

Valid: 02-Jul-26 / 0024 – 0053L (0424 – 0453Z)



Forecast Discussion: A weak frontal boundary is sandwiched between the subtropical ridge axis to the south and a weak high over the southeastern United States. This boundary is expected to increase the chance of a shower or thunderstorm in the early afternoon, but these storms should push inland through the late afternoon hours. By the launch window, any central Florida thunderstorm activity should largely be over. The boundary, if stalled near the Spaceport, would slightly increase the possibility of a storm so there is a small possibility of a Cumulus Cloud Rule violation.

The back-up launch opportunity is several days after the primary window. With low confidence in an extended forecast, a detailed forecast for the backup window is not included. As of now, the subtropical ridge looks to be slightly north of the Cape by the backup day. With this pattern for this time of year, there is likely to be a small risk of an LLCC violation in the late evening if the backup window were needed.

Launch Day	Probability of Violating Weather Constraints ¹					
	15%	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions					Additional Risk Criteria ²
	Weather/Visibility:	None / 7+ mi	Type	Coverage	Base (ft)	Tops (ft)
	Temp/Humidity:	80°F / 85%	Cumulus	Scattered	2,000	8,000
Notes	Ground Winds (230'):	070° 7 - 13 knots	Cirrus	Few	30,000	32,000
	Solar Activity: Low					
1. The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime during the launch window. 2. Additional Risk Criteria, which are not included in the PoV, are mission-specific constraints that may not include all phenomena within each risk factor. See https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf for more information.						
Next Forecast Will Be Issued		AS REQUIRED				