



Launch Mission Execution Forecast



Mission: Atlas V Leo 5

Issued: 3 Apr 2026 / 0730L (1130Z)

Valid: 4 Apr 2026 / 0145 - 0215L (0545 - 0615Z)
5 Apr 2026 / 0124 - 0153L (0524 - 0553Z)

Forecast Discussion: High pressure will linger over the Western Atlantic through the weekend, bringing onshore, easterly flow to Central Florida through the period. Light showers could move over the Spaceport at times this weekend, with the best chance being in the late morning and early afternoon there is a small chance of Cumulus Cloud Rule violations for the primary and back-up launch opportunities.

Launch Day	Probability of Violating Weather Constraints ¹						
	10%	Primary Concerns: Cumulus Cloud Rule					
	Weather Conditions				Additional Risk Criteria ²		
	Weather/Visibility: None / 7 mi.	Clouds		Type	Coverage	Base (ft)	Tops (ft)
Temp/Humidity: 71°F / 90%	Cumulus	Scattered	2,000	8,000			
Ground Winds (230'): 120° 11 - 17 knots							

24-Hour Delay	Probability of Violating Weather Constraints						
	10%	Primary Concerns: Cumulus Cloud Rule					
	Weather Conditions				Additional Risk Criteria		
	Weather/Visibility: None / 7 mi.	Clouds		Type	Coverage	Base (ft)	Tops (ft)
Temp/Humidity: 71°F / 90%	Cumulus	Scattered	2,500	8,000			
Ground Winds (230'): 140° 8 – 13 knots							

Notes

- The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime during the launch window.
- 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