



Launch Mission Execution Forecast

Mission: SLS Artemis II

Issued: 30-Mar-26 / 0800L (1200Z)

Valid: 01-Apr-26 / 1824 – 2024L (2224 – 02/0024Z)



Forecast Discussion: The front that passed through the area over the weekend remains stalled across South Florida and will gradually disintegrate over the next several days. Consequently, plentiful low-level moisture residing near and south of this boundary will continue to seep into the area as onshore flow remains robust, yielding the threat for intermittent showers. This activity is likely to be further enhanced with the daily afternoon passage of the seabreeze, where an isolated thunderstorm may also form. The bulk of organized shower activity should then retreat to the west side of the Florida peninsula each evening, with lingering showers also across the Atlantic. Thus, the main weather concerns for launch opportunities this week are the extent of showers and their associated clouds as well as continued breezy onshore winds.

		Probability of Violating Weather Constraints ¹				
Launch Day	20%	Primary Concerns: Cumulus Cloud Rule , Ground Winds				
	Weather Conditions				Additional Risk Criteria ²	
	Weather/Visibility:	Isol Showers / 7+ mi	Clouds			Solar Activity: Low
			Type	Coverage	Base (ft)	
Temp/Humidity:	75°F / 75%	Cumulus	Scattered	3,000	13,000	
Ground Winds (132'):	110° 15 - 20 knots	Cirrus	Scattered	20,000	24,000	
		Probability of Violating Weather Constraints				
48-Hour Delay	25%	Primary Concerns: Cumulus Cloud Rule , Ground Winds				
	Weather Conditions				Additional Risk Criteria	
	Weather/Visibility:	Isol Showers / 7+ mi	Clouds			Solar Activity: Low
			Type	Coverage	Base (ft)	
Temp/Humidity:	74°F / 80%	Cumulus	Scattered	3,000	15,000	
Ground Winds (132'):	110° 17 - 22 knots	Cirrostratus	Scattered	20,000	24,000	
Notes	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		31 March 2026				