



Launch Mission Execution Forecast

Mission: Falcon 9 Astranis MicroGEO

Issued: 28 Dec 2024 / 0700L (1200Z)

Valid: 29 Dec 2024 / 0000 – 0223L (29/0500 – 0723Z)



Forecast Discussion: Surface high pressure will continue to push off the Northeast coast today. Although isolated showers are possible near the Spaceport today, conditions should improve overnight during the primary launch window. A cold front will approach from the northwest on Sunday, helping to increase moisture across the region. While the main line of showers and thunderstorms is expected to clear the area before the backup launch window opens, scattered showers are expected just ahead of the front which could affect the backup launch window.

Probability of Violating Weather Constraints ¹																									
Launch Day	15% Primary Concerns: Cumulus Cloud Rule																								
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Notes	<ol style="list-style-type: none"> The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring any random time 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 Needed																								