



Launch Mission Execution Forecast



Mission: Falcon 9 Starlink 8-3

Issued: 8 August 2024 / 1430L (1830Z)

Valid: 9 Aug 2024 / 0813 – 1213L (1213 – 1613Z)

Forecast Discussion: No significant changes to today’s update. East Central Florida will transition back to a more typical summer pattern as Tropical Storm Debby departs to the north. Drier air will continue to filter into the region as the Atlantic ridge axis builds back in to the south, bringing southwesterly flow through the weekend. In this pattern, mornings are generally quiet with showers and storms developing along the east coast later in the afternoon. Thus, the probabilities of violation for both the primary and back up days are low at the opening of the window, and slightly increasing by the end of the 4-hour launch window near noon. The primary concern is the Cumulus Cloud Rule if an isolated shower is able to form towards the end of the window as the sea breeze develops.

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Launch Day	10 → 20% 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 Required																												