



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-9

Issued: 8 August 2023 / 0830L (1230Z)

Valid: 10 August 2023 / 2141 – 11/0123L (11/0141-0523Z)



Forecast Discussion: Hot and humid conditions with daily afternoon and evening thunderstorms continue across Central Florida. The thunderstorms will favor the Atlantic side of Florida as the subtropical ridge axis remains south of the Space Coast. Luckily, the launch window extends past the typical life span of the convection, creating good chances weather will clear by the end of the window. The primary launch weather concerns for Thursday evening are the Anvil and Cumulus Cloud Rules associated with the day's storms, which will diminish through the window.

On Friday, long range models suggest the subtropical ridge axis will begin to shift northward, slightly decreasing the storm coverage near the Spaceport. The primary launch weather concerns remain the Anvil and Cumulus Cloud Rules.

Probability of Violating Weather Constraints ¹																													
Launch Day	50→20% Primary Concerns: Anvil Cloud Rule, 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	9 August 2023																												