



# Launch Mission Execution Forecast



**Mission:** Falcon 9 GlobalStar-FM15

**Issued:** 16 Jun 2022 / 0900L (1300Z)

**Valid:** 19 Jun 2022 / 0025 – 0035L (0425 – 0435Z)

**Forecast Discussion:** Low rain chances and above average temperatures are on tap once again for today and tomorrow, as a strong mid-level ridge persists over the southeastern US. On Saturday, a weak surface boundary will push into the deep south and linger across the Florida Peninsula through the weekend. Showers and thunderstorms will be back into the forecast for Saturday through Monday as a result. However, the late night timing of the primary and backup launch windows will do us some favors, as most of the thunderstorm activity should be over with, leaving nocturnal cloud cover in its wake. The primary concern for both the primary and backup windows will be the Cumulus Cloud Rule and Surface Electric Field Rules.

Probability of Violating Weather Constraints <sup>1</sup>																							
<b>Launch Day</b>	<b>30%</b> Primary Concerns: Cumulus Cloud Rule, Surface Electric Field Rule																						
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<b>Notes</b>	<ol style="list-style-type: none"> <li>The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime during the launch window.</li> <li>Additional Risk Criteria, which are not included in the PoV, are mission-specific constraints that may not include all phenomena within each risk factor.</li> </ol>																						
	See <a href="https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf">https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf</a> for more information																						
<b>Next Forecast Will Be Issued</b>	17 Jun 2022																						