



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Starlink 10-44  
**Issued:** 28-Mar-26 / 1200L (1600Z)  
**Valid:** 29-Mar-26 / 1715L - 2115L (2115Z – 30/0115Z)  
 30-Mar-26 / 1715L - 2115L (2115Z – 01/0115Z)

**Forecast Discussion:** A cold front pushed through the area this morning and will stall out across southern Florida through the weekend. The highest chances for precipitation will be along the front itself, with coverage likely peaking tonight into tomorrow morning, alongside east-northeast gale conditions. For tomorrow, models show the boundary and highest rain coverage settling just to the south of the Spaceport. Even with the front's position, there will be enough low level moisture for isolated onshore-moving Atlantic showers during the primary window Sunday afternoon and evening. The elevated winds are expected to gradually decrease throughout the day tomorrow and will likely be close but just below liftoff constraints by the launch window.

Though winds continue to diminish Monday as the post-frontal high settles south and the gradient relaxes, the general pattern will remain the same but with slightly higher shower coverage and deeper moisture. Thus, the threat for onshore moving Atlantic showers will continue into the backup window Monday afternoon and evening.

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<b>Notes</b>	<ol style="list-style-type: none"> <li>The Probability of Violation (PoV) is the chance of a range or customer constraint violation occurring at any random time 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. See <b>Launch FAQ</b> <a href="https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html">https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html</a> for more information</li> </ol>																														
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