



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Starlink 10-35  
**Issued:** 07-Jun-26 / 1045L (1530Z)  
**Valid:** 08-Jun-26 / 0607 - 1007L (1007 - 1407Z)  
 09-Jun-26 / 0545 - 0945L (0945 - 1345Z)

**Forecast Discussion:** High pressure at the surface and aloft and abundant dry air will keep quiet conditions across the Spaceport to end the weekend. The pattern changes early in the week as the upper ridge breaks over the Florida Peninsula, with a passing upper-level disturbance bringing more upper-level moisture. This will lead to a thickening of the mid and upper-level cloud deck across the primary window early Monday morning, with the threat for associated Thick Cloud Layers Rule violations also seeing a modest increase with time across the window.

The weakening and eastward shift of the ridge continues into the backup day on Tuesday, with a steady increase in moisture at all levels. There are some model discrepancies in how quickly moisture returns by Tuesday morning, but there is agreement for enough to see the return of at least an isolated onshore moving Atlantic shower threat in addition to the mid and high clouds. The threat for showers is expected to increase across the window with daytime heating and a prevailing onshore flow powered east coast sea breeze.

Launch Day		Probability of Violating Weather Constraints <sup>1</sup>							
		<b>10% → 25%</b>		Primary Concerns: Thick Cloud Layers Rule					
		Weather Conditions				Additional Risk Criteria <sup>2</sup>			
		Weather/Visibility:	None / 7+ mi	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather:	Low
		Temp/Humidity:	78°F / 85%	Cumulus	Scattered	2,000	8,000	Solar Activity:	Low
		Liftoff Winds (200'):	160° 5 mph	Cirrostratus	Broken	21,000	30,000		
24-Hour Delay		Probability of Violating Weather Constraints <sup>1</sup>							
		<b>25% → 60%</b>		Primary Concerns: Thick Cloud Layers Rule , Cumulus Cloud Rule					
		Weather Conditions				Additional Risk Criteria			
		Weather/Visibility:	Isol Showers / 7+ mi	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather:	Low
		Temp/Humidity:	80°F / 85%	Cumulus	Broken	2,500	14,000	Solar Activity:	Low
		Liftoff Winds (200'):	110° 5 - 10 mph	Cirrostratus	Broken	18,000	30,000		
Notes		<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 Launch FAQ <a href="https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html">https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html</a> for more information</li> </ol>							
Next Forecast Will Be Issued		As Needed							