



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Starlink 10-24

**Issued:** 13-Apr-26 / 1000L (1400Z)

**Valid:** 14-Apr-26 / 0213 – 0613L (0613 – 1013Z)  
15-Apr-26 / 0151 – 0551L (0551 – 0951Z)

**Forecast Discussion:** No significant changes to today’s update, as weather is expected to be very favorable for both the primary and backup launch windows. Warm and dry conditions will kick off the start of the week as high pressure ridging remains in control to our north and east. Winds will gradually weaken today into tonight but remain onshore. The only small concern for the primary launch window early Tuesday morning will be for thick clouds from upper-level cirrus clouds, but most models keep these clouds too cold to be a significant LLCC threat. For Tuesday, the weather pattern remains largely the same but drying aloft will take out any thick cloud concern.

<b>Launch Day</b>	<b>Probability of Violating Weather Constraints<sup>1</sup></b>					
	<b>5%</b>	<b>Primary Concerns:</b> Thick Cloud Layers Rule				
	<b>Weather Conditions</b>				<b>Additional Risk Criteria<sup>2</sup></b>	
	<b>Weather/Visibility:</b> None / 7+ mi	<b>Clouds</b>			<b>Booster Recovery Weather:</b> Low	
<b>Temp/Humidity:</b> 71°F / 80%	Type	Coverage	Base (ft)	Tops (ft)	<b>Solar Activity:</b> Low	
<b>Liftoff Winds (200’):</b> 110° 10 - 15 mph	Stratocumulus	Scattered	2,500	4,000		
	Cirrus	Scattered	30,000	35,000		
<b>24-Hour Delay</b>	<b>Probability of Violating Weather Constraints<sup>1</sup></b>					
	<b>5%</b>	<b>Primary Concerns:</b> Cumulus Cloud Rule				
	<b>Weather Conditions</b>				<b>Additional Risk Criteria</b>	
	<b>Weather/Visibility:</b> None / 7+ mi	<b>Clouds</b>			<b>Booster Recovery Weather:</b> Low	
<b>Temp/Humidity:</b> 70°F / 80%	Type	Coverage	Base (ft)	Tops (ft)	<b>Solar Activity:</b> Low	
<b>Liftoff Winds (200’):</b> 120° 10 - 15 mph	Cumulus	Scattered	2,500	4,000		
<b>Notes</b>	1. The Probability of Violation (PoV) is the chance of a range or customer constraint violation occurring at any random time during the launch window.					
	2. 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					
<b>Next Forecast Will Be Issued</b>		As Required				