



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Echostar 25  
**Issued:** 08-Mar-26 / 0730L (8/1130Z)  
**Valid:** 09-Mar-26 / 2304L – 10/0153L (10/0304 – 0553Z)  
 10-Mar-26 / 2304L – 11/0153L (11/0304 – 0553Z)

**Forecast Discussion:** The ridge axis that has brought onshore flow to central Florida for the past several days will settle in over Central Florida by Sunday. This will cause less pronounced southeasterly flow over the Cape and convective development along the east coast sea breeze to occur closer to the Spaceport. On Monday, slightly drier air will decrease the chance for afternoon showers. By the primary launch window, light southerly wind and a few cumulus clouds are all that is expected. Very similar, albeit drier, conditions are expected for the backup day.

Launch Day	Probability of Violating Weather Constraints <sup>1</sup>				
	<b>10%</b>	Primary Concerns: Cumulus Cloud Rule			
	Weather Conditions			Additional Risk Criteria <sup>2</sup>	
	<b>Weather/Visibility:</b> Mist / 5 mi <b>Temp/Humidity:</b> 70°F / 95% <b>Liftoff Winds (200'):</b> 170° 5 - 10 mph	<b>Clouds</b> Type: Cumulus Coverage: Few Base (ft): 3,000 Tops (ft): 7,000	<b>Booster Recovery Weather:</b> Low <b>Solar Activity:</b> Low		
24-Hour Delay	Probability of Violating Weather Constraints <sup>1</sup>				
	<b>5%</b>	Primary Concerns: Cumulus Cloud Rule			
	Weather Conditions			Additional Risk Criteria	
	<b>Weather/Visibility:</b> None / 7+ mi <b>Temp/Humidity:</b> 70°F / 95% <b>Liftoff Winds (200'):</b> 150° 8 - 12 mph	<b>Clouds</b> Type: Cumulus Coverage: Few Base (ft): 3,000 Tops (ft): 6,000	<b>Booster Recovery Weather:</b> Low <b>Solar Activity:</b> Low		
Notes	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 <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				
	<b>Next Forecast Will Be Issued</b>	AS REQUIRED			