



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Starlink g6-96

**Issued:** 8 January 2026 / 1000L (1500Z)

**Valid:** 9 January 2026 / 1303 – 1703L (1803 – 2203Z)

**Forecast Discussion:** The axis of a surface ridge will remain sprawled just south of the area today, transitioning slowly northward tomorrow. Deeper onshore flow will develop in response, peaking Friday although winds will remain relatively light. While morning fog and low clouds should be less extensive compared to recent days, additional low-level moisture will be imported into the area, resulting in increased coverage of Atlantic showers over the next couple of days. A few of these may be more successful in pushing onto the coast, especially on Saturday. However, the extent of any onshore-moving showers is still expected to be rather limited and transient.

Launch Day		Probability of Violating Weather Constraints <sup>1</sup>					
		<b>5%</b>	Primary Concerns: Cumulus Cloud Rule				
Launch Day		Weather Conditions			Additional Risk Criteria <sup>2</sup>		
		<b>Weather/Visibility:</b> None / 7 mi.	<b>Clouds</b>			<b>Upper-Level Wind Shear:</b> Low	
			Type	Coverage	Base (ft)	Tops (ft)	
		<b>Temp/Humidity:</b> 79°F / 65%	Cumulus	Scattered	2,500	6,000	<b>Booster Recovery Weather:</b> Low
<b>Liftoff Winds (200'):</b> 120° 10 - 15 mph	Cirrus	Scattered	30,000	35,000	<b>Solar Activity:</b> Low		
24-Hour Delay		Probability of Violating Weather Constraints					
		<b>10%</b>	Primary Concerns: Cumulus Cloud Rule				
24-Hour Delay		Weather Conditions			Additional Risk Criteria		
		<b>Weather/Visibility:</b> None / 7 mi.	<b>Clouds</b>			<b>Upper-Level Wind Shear:</b> Low	
			Type	Coverage	Base (ft)	Tops (ft)	
		<b>Temp/Humidity:</b> 79°F / 65%	Cumulus	Scattered	2,500	9,000	<b>Booster Recovery Weather:</b> Low
<b>Liftoff Winds (200'):</b> 150° 10 - 15 mph					<b>Solar Activity:</b> Low		
Notes	<ol style="list-style-type: none"> <li>The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring 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>						
	<b>Next Forecast Will Be Issued</b>	As Required					