



# Launch Mission Execution Forecast



**Mission:** Falcon 9 Starlink 6-103

**Issued:** 3 Feb 2026 / 0900L (1400Z)

**Valid:** 5 Feb 2026 / 1620 – 2020L (2120 – 6/0120Z)

**Forecast Discussion:** High pressure over the peninsula will slowly move offshore later today and into tonight, allowing for continued dry conditions with lighter and more variable winds. The next cold front is expected to move through the area on Thursday, bringing isolated to scattered showers overnight Wednesday into Thursday morning, with dry and cool conditions returning behind the front. For the launch window, high pressure will build back in with gusty northwesterly winds being the only concern. Winds begin to subside as the surface ridge in the gulf builds eastward, so there are no concerns for violation on the backup day. Solar activity remains a watch item due to the ongoing solar flare increasing the probability of space environmental events through the weekend.

		Probability of Violating Weather Constraints <sup>1</sup>															
<b>Launch Day</b>	<b>15%</b>	Primary Concerns: Liftoff Winds															
	Weather Conditions			Additional Risk Criteria <sup>2</sup>													
	<b>Weather/Visibility:</b> None / 7 mi.	<table border="1"> <thead> <tr> <th colspan="4">Clouds</th> </tr> <tr> <th>Type</th> <th>Coverage</th> <th>Base (ft)</th> <th>Tops (ft)</th> </tr> </thead> <tbody> <tr> <td>Cumulus</td> <td>Scattered</td> <td>2,500</td> <td>4,000</td> </tr> </tbody> </table>			Clouds				Type	Coverage	Base (ft)	Tops (ft)	Cumulus	Scattered	2,500	4,000	<b>Upper-Level Wind Shear:</b> Low
	Clouds																
Type	Coverage	Base (ft)	Tops (ft)														
Cumulus	Scattered	2,500	4,000														
<b>Temp/Humidity:</b> 58°F / 55%				<b>Booster Recovery Weather:</b> Low-Mod													
<b>Liftoff Winds (200'):</b> 300° 20 - 28 mph				<b>Solar Activity:</b> Low-Mod													
		Probability of Violating Weather Constraints															
<b>24-Hour Delay</b>	<b>&lt;5%</b>	Primary Concerns: None															
	Weather Conditions			Additional Risk Criteria													
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	Clouds																
Type	Coverage	Base (ft)	Tops (ft)														
Cirrus	Few	20,000	25,000														
<b>Temp/Humidity:</b> 49°F / 80%				<b>Booster Recovery Weather:</b> Low													
<b>Liftoff Winds (200'):</b> 290° 14 - 22 mph				<b>Solar Activity:</b> Low-Mod													
<b>Notes</b>	1. The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring 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>	4 Feb 26															