



# Launch Mission Execution Forecast

**Mission:** Falcon 9 Starlink 6-100

**Issued:** 16 Jan 2026 / 1030L (1530Z)

**Valid:** 18 Jan 2026 / 1704 – 2104L (18/2204 – 19/0204Z)



**Forecast Discussion:** Cool, dry conditions expected today and tomorrow with rapidly increasing moisture overnight Saturday ahead of another quickly moving front that is expected to pass through the Space Coast on Sunday afternoon. Scattered showers and considerable cloudiness will lead to higher chances of violation for the Cumulus Cloud and Thick Cloud Rules as the front moves through the cape near the opening of the launch window. Behind the front skies will rapidly clear, so the only concern by the end of the window will be Liftoff Winds. For the backup day, high pressure builds back in once again, with no concerns for violations due to weather.

Probability of Violating Weather Constraints <sup>1</sup>																																									
<b>Launch Day</b>	<b>40→10%</b> Primary Concerns: Cumulus Cloud Rule, Thick Cloud Rule, Liftoff Winds																																								
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<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 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>	17 Jan 26																																								