



# Launch Mission Execution Forecast

**Mission:** Falcon 9 Starlink 6-97

**Issued:** 11 Jan 2026 / 0800L (1300Z)

**Valid:** 12 Jan 2026 / 1242 – 1642L (1742 – 2142Z)



**Forecast Discussion:** A cold front will approach from the northwest today and push southeast across the region this afternoon. Isolated showers may develop near the front, with dry conditions returning by the evening. Winds will strengthen behind the frontal passage, with strongest winds expected this evening and overnight. High pressure will build in early next week, however onshore flow and a boundary along the coast may generate coastal showers Monday and Tuesday, with some possibly moving onshore. This will increase the risk of a Cumulus Cloud Rule violation during the primary and back up launch opportunities. Additionally, mid-level clouds moving across the region could increase the risk of a Thick Cloud Layers Rule violation during the back-up opportunity, mainly towards the end of the launch window. Seas at the recovery location will be elevated on Monday from the passage of the cold front, then begin lowering on Tuesday.

Launch Day	Probability of Violating Weather Constraints <sup>1</sup>					
	<b>15%</b>	Primary Concerns: Cumulus Cloud Rule				
	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	
<b>Temp/Humidity:</b> 66°F / 68%	Type	Coverage	Base (ft)	Tops (ft)	<b>Booster Recovery Weather:</b> Low-Mod	
<b>Liftoff Winds (200'):</b> 030° 15 - 20 mph	Cumulus	Scattered	2,500	10,000	<b>Solar Activity:</b> Low	
	Cirrus	Scattered	30,000	32,000		

  

24-Hour Delay	Probability of Violating Weather Constraints					
	<b>10→30%</b>	Primary Concerns: Cumulus Cloud Rule, Thick Cloud Layers Rule				
	Weather Conditions				Additional Risk Criteria	
	<b>Weather/Visibility:</b> None / 7 mi.	<b>Clouds</b>			<b>Upper-Level Wind Shear:</b> Low	
<b>Temp/Humidity:</b> 67°F / 70%	Type	Coverage	Base (ft)	Tops (ft)	<b>Booster Recovery Weather:</b> Low	
<b>Liftoff Winds (200'):</b> 020° 10 - 15 mph	Cumulus	Scattered	2,500	11,000	<b>Solar Activity:</b> Low	
	Altostratus	Scattered	15,000	20,000		

  

Notes

**Next Forecast Will Be Issued** As Required