



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-103

Issued: 2 Feb 2026 / 1230L (1730Z)

Valid: 4 Feb 2026 / 1646 – 2046L (2146 – 5/0146Z)



Forecast Discussion: Temperatures will gradually warm through tomorrow as high pressure builds in from the west. For the launch window Wednesday, a new cold front will approach out of the northwest, bringing a slight increase in cloud cover, winds, and rain chances, though POV will remain low overall. For the backup day, high pressure will build back in with gusty surface winds being the only concern. Solar Activity will continue to be in the moderate range through midweek due to an ongoing M and X-class flare event.

Launch Day		Probability of Violating Weather Constraints ¹					
Launch Day	15%	Primary Concerns: Cumulus Cloud Rule					
	Weather Conditions				Additional Risk Criteria ²		
	Weather/Visibility: Iso Showers / 7 mi.	Clouds		Upper-Level Wind Shear: Low			
		Type	Coverage	Base (ft)	Tops (ft)		
Temp/Humidity: 64°F / 80%	Cumulus	Scattered	2,500	9,000	Booster Recovery Weather: Low		
Liftoff Winds (200'): 200° 10 - 15 mph	Alto Cumulus	Scattered	10,000	15,000	Solar Activity: Mod		
24-Hour Delay		Probability of Violating Weather Constraints					
24-Hour Delay	5%	Primary Concerns: Liftoff Winds					
	Weather Conditions				Additional Risk Criteria		
	Weather/Visibility: None / 7 mi.	Clouds		Upper-Level Wind Shear: Low			
		Type	Coverage	Base (ft)	Tops (ft)		
Temp/Humidity: 56°F / 50%	Cumulus	Few	2,500	4,000	Booster Recovery Weather: Low-Mod		
Liftoff Winds (200'): 300° 18 - 27 mph					Solar Activity: Low-Mod		
Notes	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 https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html for more information						
Next Forecast Will Be Issued		3 Feb 26					