



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink g6-96

Issued: 7 January 2026 / 1000L (1500Z)

Valid: 8 January 2026 / 1329 – 1729L (1829 – 2229Z)



Forecast Discussion: A surface ridge of high pressure will remain just south of the area today before transitioning north into late week. Locally, light and variable winds today will become onshore tomorrow with continued light speeds. Moisture trapped near the surface may result in another round of late night and morning fog and clouds tonight into early Thursday, but otherwise dry and warm conditions will prevail over land. The pattern and depth of moisture may be sufficient to trigger a few showers across the Atlantic waters both Thursday and Friday, but these are likely to remain well offshore.

Launch Day		Probability of Violating Weather Constraints ¹				
Launch Day	<5%	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions			Additional Risk Criteria ²		
	Weather/Visibility: None / 7 mi.	Clouds			Upper-Level Wind Shear: Low	
	Temp/Humidity: 73°F / 65%	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather: Low
Liftoff Winds (200'): 120° 8 - 12 mph	Cumulus	Scattered	2,500	6,000	Solar Activity: Low	
	Cirrus	Scattered	30,000	35,000		
24-Hour Delay		Probability of Violating Weather Constraints				
24-Hour Delay	<5%	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions			Additional Risk Criteria		
	Weather/Visibility: None / 7 mi.	Clouds			Upper-Level Wind Shear: Low	
	Temp/Humidity: 75°F / 65%	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather: Low
Liftoff Winds (200'): 120° 10 - 15 mph	Cumulus	Scattered	2,500	6,000	Solar Activity: Low	
Notes	<ol style="list-style-type: none"> The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring any random time during the launch window. 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	As Required				