



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-27

Issued: 6 Nov 2023 / 0900L (1400Z)

Valid: 7 Nov 2023 / 2300 – 8/0300L (8/0400 – 0800Z)



Forecast Discussion: High pressure remains anchored across Central Florida today, providing light winds and lots of sunshine. Little weather changes are expected for Tuesday and Wednesday evening launch attempts. The primary launch weather concern for both attempts will be a slight risk of a Cumulus Cloud Rule violation.

Launch Day	Probability of Violating Weather Constraints ¹					
	<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: 70°F / 87%	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather: Low	
Liftoff Winds (200'): 050° 5 - 10 mph	Cumulus	Few	3,000	5,000	Solar Activity: Low	
24-Hour Delay	Probability of Violating Weather Constraints					
	5%	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions				Additional Risk Criteria	
	Weather/Visibility: None / 7 mi.	Clouds			Upper-Level Wind Shear: Low	
Temp/Humidity: 72°F / 82%	Type	Coverage	Base (ft)	Tops (ft)	Booster Recovery Weather: Low	
Liftoff Winds (200'): 130° 7 - 12 mph	Cumulus	Few	3,000	8,000	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 https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf for more information					
Next Forecast Will Be Issued		As Needed				