



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-78

Issued: 19 Nov 2025 / 1115L (1615Z)

Valid: 20 Nov 2025 / 2201-21/0201L (21/0301 – 0701Z)



Forecast Discussion: High pressure across the region will create very favorable weather conditions across the Spaceport during the primary and backup launch opportunities. There are no concerns for an LLCC violation at this time.

Launch Day	Probability of Violating Weather Constraints ¹							
	<5%	Primary Concerns: None						
	Weather Conditions					Additional Risk Criteria ²		
	Weather/Visibility:	None / 7 mi.	Type	Coverage	Base (ft)	Tops (ft)	Upper-Level Wind Shear:	Low
	Temp/Humidity:	69°F / 87%	Cirrus	Few	30,000	32,000	Booster Recovery Weather:	Low
	Liftoff Winds (200’):	090° 5 - 10 mph					Solar Activity:	Low
24-Hour Delay	Probability of Violating Weather Constraints							
	<5%	Primary Concerns: None						
	Weather Conditions					Additional Risk Criteria		
	Weather/Visibility:	None / 7 mi.	Type	Coverage	Base (ft)	Tops (ft)	Upper-Level Wind Shear:	Low
	Temp/Humidity:	70°F / 90%	Cirrus	Few	28,000	30,000	Booster Recovery Weather:	Low
	Liftoff Winds (200’):	150° 7 - 12 mph					Solar Activity:	Low
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			As Required					