



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-92

Issued: 7 Dec 2025 / 1845L (2345Z)

Valid: 8 Dec 2025 / 1614 – 2014L (2114 – 09/0114Z)



Forecast Discussion: The cold front currently situated across North-Central Florida will slowly push through the Florida Peninsula tonight and early Monday morning, reaching South Florida by midday. Clouds aloft will be present, but latest guidance indicates they will be well above -20C, so the Thick Cloud Layers Rule has been yanked from POV concerns and as a result, POV has dropped. Strong northerly winds behind the front will be present but the lack of convection should keep winds below threshold.

For the backup launch window Tuesday, high pressure will build across the Deep South, bringing dry conditions and mostly sunny skies to the Spaceport. Winds will still be breezy out of the north but there will be little concern for LCC violation.

Launch Day	Probability of Violating Weather Constraints ¹						
	10%		Primary Concerns: Liftoff Winds				
	Weather Conditions				Additional Risk Criteria ²		
	Weather/Visibility:	None / 7 mi.	Clouds			Upper-Level Wind Shear:	Low-Mod
		Type	Coverage	Base (ft)	Tops (ft)		
Temp/Humidity:	66°F / 85%	Cumulus	Scattered	2,500	4,000	Booster Recovery Weather:	Low-Mod
Liftoff Winds (200'):	350° 25 - 30 mph	Cirrus	Scattered	30,000	33,000	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.	Clouds			Upper-Level Wind Shear:	Low
		Type	Coverage	Base (ft)	Tops (ft)		
Temp/Humidity:	69°F / 60%	Cumulus	Scattered	2,500	4,000	Booster Recovery Weather:	Low-Mod
Liftoff Winds (200'):	010° 12 - 17 mph	Cirrus	Scattered	34,000	37,000	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					