



Launch Mission Execution Forecast

Mission: Falcon 9 NASA Crew-12

Issued: 11 Feb 2026 / 0830L (1330Z)

Valid: 13 Feb 2026 / 0506 - 0526L (1006 - 1026Z)



Forecast Discussion: The launch site forecast is generally favorable for Friday morning's window, but ascent corridor conditions will be a watch item. After another dry day today, a weak cold front will approach from the north tomorrow, slightly increasing moisture and shower chances in the afternoon. By Friday morning, the front is expected to wash out and stall over East Central Florida. While most of the precipitation is expected to remain offshore, there is a low chance of isolated showers along the coast. This introduces a Cumulus Cloud Rule and Flight Through Precipitation risk for Friday morning's attempt. The other concern is elevated wind speeds along certain points of the ascent corridor due to several areas of low pressure in the Atlantic.

Over the weekend, a low will develop over the central US and eventually drag a cold front into the Southeast. On Sunday morning, south/southeasterly flow ahead of the front will bring isolated coastal showers as well as a low Thick Cloud concern due to cirrostratus streaming in from the west. The front is expected to move through the area on Sunday night or early Monday morning, but there is high uncertainty in the exact timing of its passage. Ascent corridor conditions will also deteriorate Sunday into Monday as the low moves into the Atlantic.

Launch Day	Probability of Violating Weather Constraints ¹						
	15%	Primary Concerns: Cumulus Cloud Rule, Flight Through Precipitation					
	Weather Conditions			Additional Risk Criteria ²			
Weather:	Isold Showers/Mist	Clouds			Pad Escape Winds:	Low	
		Type	Coverage	Base (ft)	Tops (ft)		
Visibility:	5 miles	Cumulus	Scattered	3,000	10,000	Ascent Corridor Weather:	Moderate
Temp/Humidity:	59°F / 95%					Booster Recovery Weather:	Low
Liftoff Winds (200'):	030° 7 - 12 mph					Solar Activity:	Low
48-Hour Delay	Probability of Violating Weather Constraints						
	20%	Primary Concerns: Cumulus Cloud Rule, Thick Cloud Layers Rule, Flight Through Precipitation					
	Weather Conditions			Additional Risk Criteria			
Weather:	Isold Showers	Clouds			Pad Escape Winds:	Low	
		Type	Coverage	Base (ft)	Tops (ft)		
Visibility:	7 miles	Cumulus	Scattered	3,000	10,000	Ascent Corridor Weather:	Moderate
Temp/Humidity:	63°F / 95%	Cirrostratus	Broken	25,000	30,000	Booster Recovery Weather:	Low
Liftoff Winds (200'):	170° 12 - 17 mph					Solar Activity:	Low
72-Hour Delay	Probability of Violating Weather Constraints						
	30%	Primary Concerns: Cumulus Cloud Rule, Flight Through Precipitation, Liftoff Winds					
	Weather Conditions			Additional Risk Criteria			
Weather:	Sct Showers	Clouds			Pad Escape Winds:	Low	
		Type	Coverage	Base (ft)	Tops (ft)		
Visibility:	7 miles	Cumulus	Scattered	3,000	12,000	Ascent Corridor Weather:	High
Temp/Humidity:	63°F / 95%					Booster Recovery Weather:	Low-Mod
Liftoff Winds (200'):	240° 18 - 26 mph					Solar Activity:	Low
Note	<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. <p>See Launch FAQ https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html for more information</p>						

Next Forecast Will Be Issued 12 Feb 2026