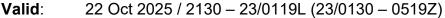


Launch Mission Execution Forecast

Mission: Falcon 9 SpainSat NG II

Issued: 21 Oct 2025 / 0830L (1230Z)





Forecast Discussion: The frontal boundary that moved through late yesterday has stalled across South Florida this morning with a very dry airmass to filtering into the Spaceport, especially above 5000 feet. Winds will be light enough to allow an east coast sea breeze to develop, but the threat of showers will remain very limited given the airmass. A reinforcing cool front moves through late on Wednesday, and with little in the way of additional moisture with it, conditions are expected to remain dry as it passes with little more than a wind shift. Any clouds are not expected to pose a LLCC concern for the primary launch window Wednesday evening.

Stronger onshore flow develops into the backup day on Thursday as the gradient tightens between the post frontal high moving through the eastern US and the boundary stalling across the Florida straits. Mid and upper levels remain very dry, but the increasing onshore component may help moisten lower levels for additional low topped cumulus development. Significant LLCC concerns remain low.

uevi									
	Probability of Violating Weather Constraints ¹								
aunch Day	<5% Primary Concerns: None								
	Weather Conditions							Additional Risk Criteria ²	
	Weather/Visil	bility:	None / 7 mi.	Туре	Clouds Coverage	Base (ft)	Tops (ft)	Upper-Level Wind Shear:	Low
Ľ	Temp/Humidi	ity:	76°F / 75%	Cumulus	Few	3,000	4,000	Booster Recovery Weather:	N/A
	Liftoff Winds	(200'):	040° 10 - 15 mph					Solar Activity:	Low
	Probability of Violating Weather Constraints								
			Prob	ability of \	/iolating W	eather	Constra	ints	
Jelay	5%	Prima	Prob ary Concerns: Cun	-		eather	Constra	ints	
	5%	Prima	ary Concerns: Cun	-	Rule	eather	Constra	ints Additional Risk Cri	iteria
	5% Weather/Visil		ary Concerns: Cun	nulus Cloud F	Rule		Tops (ft)		iteria
		bility:	ary Concerns: Cun Weathe	nulus Cloud F	Rule ns Clouds			Additional Risk Cri	
	Weather/Visil	bility:	weathe	nulus Cloud Fer Condition	Rule Clouds Coverage	Base (ft)	Tops (ft)	Additional Risk Cri	Low
Notes 24-Hour Delay	Weather/Visil Temp/Humidi Liftoff Winds 1. The Proba. 2. Additional	bility: ity: (200'): bility of V	Weather None / 7 mi. 74°F / 65% 040° 15 - 20 mph Violation (PoV) is the chareria, which are not include.	Type Cumulus Cirrus ace of a local safeed in the PoV, and	Clouds Coverage Few Scattered ety or customer cae mission-specific	Base (ft) 3,000 35,000 onstraint vice constraints	Tops (ft) 5,000 40,000 elation occurres that may no	Additional Risk Cri Upper-Level Wind Shear: Booster Recovery Weather:	Low N/A Low