



Launch Mission Execution Forecast



Mission: Falcon 9 Starlink 8-6

Issued: 27 Aug 2024 / 1330L (1730Z)

Valid: 28 Aug 2024 / 0150 - 0550L (0550 - 0950Z)

Forecast Discussion: The western Atlantic ridge axis remains positioned north of the area extending into the southeast US. This synoptic pattern will yield a deep layer of weak onshore easterly winds throughout the column, which will aid in pushing late afternoon seabreeze activity well west of the spaceport. Additionally, while this pattern typically would garner nocturnal coastal showers moving onshore overnight and into the early morning, the relatively drier and more stable airmass in place will aid in inhibiting any significant development. Primary concern for the next several days would be any cumulus clouds that could potentially develop just offshore.

Probability of Violating Weather Constraints ¹																					
Launch Day	15% Primary Concerns: Cumulus Cloud Rule																				
	Weather Conditions																				
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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																				