



Launch Mission Execution Forecast



Mission: Falcon 9 Starlink 6-77

Issued: 2 Nov 2024 / 0830L (1230Z)

Valid: 3 Nov 2024 / 1657 – 2057L (2157 – 4/0157Z)

Forecast Discussion: High pressure over the southeastern states will continue to dominate the weather pattern through the weekend and into early next week. Onshore flow will be breezy through Sunday but should remain below liftoff constraints for the launch window. Coastal showers are expected throughout the day today with drying overnight, but some isolated low-topped showers will linger through tomorrow. The primary concerns for both days will be Liftoff Winds and the Cumulus Cloud Rule. For recovery, latest model forecasts have improved for the primary day, with deteriorating conditions for the backup window.

Probability of Violating Weather Constraints ¹																							
Launch Day	10% Primary Concerns: Liftoff Winds, Cumulus Clouds 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																						