



Launch Mission Execution Forecast



Mission: Falcon 9 Starlink 6-22

Issued: 12 Oct 2023 / 1230L (1630Z)

Valid: 13 Oct 2023 / 1829 – 2230L (13/2229 – 14/0230Z)

Forecast Discussion: A low pressure area is located between Florida and Bermuda, with a boundary stretching across North Florida. As the low strengthens, it will pull the boundary south into Central Florida, bringing showers and storms with periods of heavy rainfall and very strong wind gusts. The activity is expected to become more limited overnight and through the day Friday before the boundary finally pushes south of the area. The primary launch weather concerns Friday evening are lingering cumulus and thick cloud layers that should clear through the window.

Saturday will be significantly drier, limiting the threat of clouds and showers, though liftoff winds will be from the most unfavorable direction.

Probability of Violating Weather Constraints ¹																													
Launch Day	40→20% Primary Concerns: Cumulus Cloud Rule, Thick Cloud Layers 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																												