



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 10-1

Issued: 6 Jun 2024 / 1200L (1600Z)

Valid: 7 Jun 2024 / 1858 – 2258L (2258 – 07/0258Z)



Forecast Discussion: A weak cold front is pushing into the panhandle today, increasing moisture and bringing greater instability across the peninsula. Steering level flow and upper-level winds will become more westerly, allowing showers and storms that develop with heating and seabreeze interaction to migrate back toward the coast by the late afternoon hours. The latest forecast models have increased coverage of showers and storms over the central to southern portions of the state for Friday, so showers and storms could linger well into the launch window. On Saturday, the front is expected to wash out as high pressure begins to build back in. This will result in slightly drier conditions, so any afternoon shower activity should diminish quickly after sunset. A stray shower over the coastal areas can't be ruled out, so the primary concern for the backup day is the Cumulus Cloud Rule.

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<p>Notes</p> <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 style="text-align: center;">See https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf for more information</p>																									
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