



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-103

Issued: 15 Feb 2026 / 0930L (1430Z)

Valid: 16 Feb 2026 / 0000 – 0400L (0500 – 0900Z)



Forecast Discussion: Showers brushing the Spaceport this morning will diminish into midday as winds veer out ahead of the low pressure system moving into the Deep South. As the low slides eastwards to move off the Georgia coast late tonight, south-southwest winds will increase during the day, even outside of any precipitation. Models have come into better agreement with the timing of a band of pre-frontal showers and storms, currently moving through the Florida Panhandle, reaching the Spaceport just before the opening of the primary window. Showers and storms are expected to linger for a few hours into the window before sliding south of the area. While this activity loses intensity as it arrives, strong wind gusts will still be possible. The primary concerns will be the Cumulus Cloud Rule, Surface Electric Fields Rule, and Anvil Cloud Rules, though additional thunderstorm-related rules are likely.

The main cold front will move through the first half of Monday as its parent low moves up the eastern seaboard. High pressure will slide across the southeastern US quickly behind it, bringing a weak, reinforcing boundary through the Spaceport late Monday evening. This looks to be a mostly dry affair, though there is a signal for enhanced Atlantic cumulus or a few low-topped showers reaching the coast as winds above the surface turn onshore. While the overall threat of violations with this activity looks low for the backup window late Monday night, there has been a modest increase in low level moisture in the models that warrants raising the threat from previous forecasts.

| Probability of Violating Weather Constraints ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------------|-----------------------|-----------|-------------------------|---------------------------|-----|-----|--|--|------|----------|-----------|-----------|-------------------------|--|-----|----------------|------------|---------|--------|-------|--------|---------------------------|--|-----|-----------------------|------------------|--------------|----------|--------|--------|-----------------|--|-----|
| Launch Day | 80% Primary Concerns: Cumulus Cloud Rule, Surface Electric Fields Rule, Anvil Cloud Rules | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Weather Conditions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Additional Risk Criteria ² | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24-Hour Delay | Probability of Violating Weather Constraints | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10% Primary Concerns: Cumulus Cloud Rule | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Additional Risk Criteria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Launch FAQ https://45thweathersquadron.nebula.spaceforce.mil/pages/launchForecastSupport.html for more information | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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