



Launch Mission Execution Forecast



Mission: Falcon 9 Starlink 6-61

Issued: 22 Oct 2024 / 2030L (23/0030Z)

Valid: 23 Oct 2024 / 1747 – 2147L (2147 – 24/0147Z)

Forecast Discussion: Tomorrow, conditions will be very similar to the last few days with breezy winds and isolated coastal showers. By the evening, winds will shift more northerly as the remnants of Oscar push to the northeast. While any onshore moving showers that develop will likely remain low-topped due to very dry air in the mid-levels, there is a small risk of a flight through Cumulus Cloud Rule violation.

Launch conditions improve for the backup day Thursday as the ridge builds over the Florida peninsula, relaxing wind speeds and ushering in even drier air. Weather will be very favorable with a negligible risk of any weather violations.

Probability of Violating Weather Constraints ¹																					
Launch Day	15% Primary Concerns: Cumulus Cloud Rule																				
	Weather Conditions																				
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24-Hour Delay	<5% Primary Concerns: None																				
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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 Required																				