



Launch Mission Execution Forecast



Mission: Falcon 9 Firefly Blue
 Ghost Launch
Issued: 14 Jan 2025 / 1115L (1615Z)
Valid: 15 Jan 2025 / 0106 – 0116L (0606 – 0616Z)
 16 Jan 2025 / 0104 – 0114L (0604 – 0614Z)

Forecast Discussion: Rain showers and overcast conditions will clear the Space Coast by early this afternoon. Wind speeds will decrease throughout the day today. By early Wednesday morning and the primary launch window, winds will be at 15-20mph with occasional gusts to 25mph. This will cause a small chance for liftoff winds and a Cumulus Cloud Rule violation.

For the backup day, mid-level cloud cover may cause Thick Cloud Layer violations as a band of moisture stretches across the northern Gulf of Mexico and may reach across the Space Coast on Thursday morning.

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