



Launch Mission Execution Forecast



Mission: Falcon 9 PACE

Issued: 7 Feb 2024 / 0100L (0600Z)

Valid: 8 Feb 2024 / 0125 – 0136L (0625 – 0636Z)

Forecast Discussion: After a very windy day on Tuesday, the Space Coast will finally get some relief from the high winds on Wednesday as a north-to-south oriented area of high pressure slides into the southeastern US. Winds will decrease and veer from the north to the northeast as the day progresses. While a few low topped coastal showers can't be ruled out in the evening/overnight hours, dry mid-level air will cap off any significant vertical development. High pressure will remain in control and similar conditions will persist through the remainder of the week. For both the primary launch window early Thursday morning and backup window early Friday morning, weather looks very favorable with the only concern being the very low risk of a Cumulus Cloud Rule violation.

Probability of Violating Weather Constraints ¹																								
Launch Day	5% Primary Concerns: Cumulus Cloud Rule																							
	Weather Conditions																							
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Notes	<ol style="list-style-type: none"> 1. The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring any random time during the launch window. 2. 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																							