



Launch Mission Execution Forecast

Mission: Falcon 9 Starlink 6-39

Issued: 23 Feb 2024 / 1100L (1600Z)

Valid: 24 Feb 2024 / 1659L – 2159L (2159 – 25/0159Z)



Forecast Discussion: A weak cold frontal boundary will make its way through the Space Coast today bringing brief passing showers during the late evening hours. Winds will shift northwesterly behind the front and remain gusty through midday on Saturday. Very little in the way of cloud cover is expected, so the only concern will be liftoff winds, which should diminish through the afternoon and into the launch window. On Sunday, high pressure builds over the peninsula with winds shifting northerly, so there is only a slight concern for onshore-moving cumulus clouds.

Probability of Violating Weather Constraints ¹																			
Launch Day	<5% Primary Concerns: Liftoff Winds																		
	Weather Conditions																		
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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 Needed																		