



Launch Mission Execution Forecast



Mission: Falcon Heavy Viasat 3F3
Issued: 26-Apr-26 / 0900L (1300Z)
Valid: 27-Apr-26 / 1014 – 1159L (1414 – 1559Z)
 28-Apr-26 / 1010 – 1155L (1410 – 1555Z)

Forecast Discussion: A Carolina Low is expected to push a weak back door cold front through central Florida early Monday morning. With the primary window opening around the time the sea breeze will develop, the position of that frontal boundary will determine if clouds are enhanced over the Spaceport. The most likely impact for the primary window will be the Cumulus Cloud and Surface Electric Fields Rules. By the backup day, onshore flow associated with high pressure to the north should bring generally favorable conditions and the primary concern will be brief periods of flight-through Cumulus Cloud Rule violations.

Probability of Violating Weather Constraints ¹																																								
Launch Day	30% Primary Concerns: Cumulus Cloud Rule , Surface Electric Fields Rule																																							
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Notes	<ol style="list-style-type: none"> The Probability of Violation (PoV) is the chance of a range or customer constraint violation occurring at 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 																																							
	Next Forecast Will Be Issued AS REQUIRED																																							