



# Launch Mission Execution Forecast

**Mission:** Falcon Heavy USSF-67

**Issued:** 13 Jan 2023 / 0830L (1330Z)

**Valid:** 14 Jan 2023 / 1755 – 1833L (2255 – 2333Z)



**Forecast Discussion:** A frontal boundary is moving through Central Florida at this time, bringing rain showers and gusty southerly winds. The front will push through the Spaceport by early afternoon as winds will become northwesterly and bring cold air into the region. On Saturday, expect mostly clear skies with gusty winds and temperatures in the 40s. The only weather concern for a Saturday evening launch is Liftoff Winds, which will diminish through the evening.

On Sunday, skies will remain mostly clear, and winds will drop off allowing morning temperatures to drop into the mid 30s. The primary weather concern for a Sunday evening launch attempt is the Cumulus Cloud Rule.

Probability of Violating Weather Constraints <sup>1</sup>																
<b>Launch Day</b>	<b>20%</b> <b>Primary Concerns:</b> Liftoff Winds															
	Weather Conditions															
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Additional Risk Criteria <sup>2</sup>																
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<b>24-Hour Delay</b>	<b>&lt;10%</b> <b>Primary Concerns:</b> Cumulus Cloud Rule															
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<b>Notes</b>	<ol style="list-style-type: none"> <li>1. The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime during the launch window.</li> <li>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.</li> </ol>															
	See <a href="https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf">https://www.patrick.spaceforce.mil/Portals/14/Weather/LaunchFAQ.pdf</a> for more information															
<b>Next Forecast Will Be Issued</b>	As Required															