



# Launch Mission Execution Forecast

**Mission:** Falcon 9 OneWeb 2

**Issued:** 9 Jan 2023 / 0800L (1300Z)

**Valid:** 9 Jan 2023 / 2340 - 10 Jan 2023 0000L (0440-0500Z)



**Forecast Discussion:** High pressure is building back in and will anchor over the Gulf of Mexico for much of the week. Dry conditions and northerly winds are expected throughout the day today with winds shifting northwesterly tomorrow. Very little is expected in the way of cloud cover with the exception of some shallow cumulus off the coast. Little change for the backup window as conditions remain very favorable for launch!

<b>Launch Day</b>	Probability of Violating Weather Constraints <sup>1</sup>					
	<b>&lt;10%</b>	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions				Additional Risk Criteria <sup>2</sup>	
	<b>Weather/Visibility:</b> None / 7 mi.	<b>Clouds</b>			<b>Upper-Level Wind Shear:</b> Low	
	Type	Coverage	Base (ft)	Tops (ft)		
<b>Temp/Humidity:</b> 64°F / 68%	Cumulus	Few	3,000	5,000	<b>Solar Activity:</b> Low	
<b>Liftoff Winds (200'):</b> 360° 6 - 10 mph						

<b>24-Hour Delay</b>	Probability of Violating Weather Constraints					
	<b>&lt;10%</b>	Primary Concerns: Cumulus Cloud Rule				
	Weather Conditions				Additional Risk Criteria	
	<b>Weather/Visibility:</b> None / 7 mi.	<b>Clouds</b>			<b>Upper-Level Wind Shear:</b> Low	
	Type	Coverage	Base (ft)	Tops (ft)		
<b>Temp/Humidity:</b> 61°F / 75%	Cumulus	Few	3,000	5,000	<b>Solar Activity:</b> Low	
<b>Liftoff Winds (200'):</b> 290° 6 - 10 mph						

**Notes**

- The Probability of Violation (PoV) is the chance of a local safety or customer constraint violation occurring anytime 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

<b>Next Forecast Will Be Issued</b>	As Required
-------------------------------------	-------------