



Launch Mission Execution Forecast

Mission: Atlas V SBIRS GEO-5
Issued: 17 May 2021 / 0600L (1000Z)
Valid: 17 May 2021 / DURING WINDOW



Forecast Discussion: A high pressure ridge over the mid-Atlantic states will keep breezy onshore flow over Florida through the week. For Launch Day today, expect winds from the east-northeast at 12-16 kts and scattered cumulus clouds moving onshore. Any isolated light rain showers offshore should dissipate as they move onshore. Therefore, the POV is 10% for the Cumulus Cloud Rule. For the backup day Tuesday, the pressure gradient tightens again, increasing winds to 15-20 kts with scattered cumulus clouds and an isolated shower possible. The POV for the backup day is 20% for the Cumulus Cloud Rule.

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<p><i>Note: The Probability of Violation (POV) is the chance that a Lightning Launch Commit Criteria (LLCC) or certain user constraints (surface winds, precipitation, and temperatures, etc.) will be violated during the launch window. It does not take into account upper-level wind shear and solar activity.</i></p>																										
Next Forecast Will Be Issued	As required																									