



Launch Mission Execution Forecast

Mission: Atlas V STP-3

Issued: 1 Dec 2021 / 0800L (1300Z)

Valid: 5 Dec 2021 / 0404 – 0604L (0904 – 1104Z)



Forecast Discussion: High pressure at the surface will build into central Florida from the Gulf of Mexico Florida late Thursday and remain over the area through late Saturday. This will keep us dry for MLP Roll day Friday with light winds and near average temperatures. The surface high retreats into the Atlantic Ocean slightly Sunday into Monday, bringing light winds from the southeast and a slight chance for isolated low topped showers near the coast. Therefore, the primary concerns for both launch day and backup day are the Cumulus Cloud Rule.

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Launch Day	20% Primary Concerns: Cumulus Cloud Rule																								
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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.

Next Forecast Will Be Issued 2 Dec 2021