



Launch Mission Execution Forecast

Vehicle: Falcon 9 GPS III-2

Issued: 22 Dec 2018/1000 EST (1500 UTC)

Valid: 23 Dec 2018/0851 – 0917 EST (1351 – 1417 UTC)

Synoptic Discussion: A cool morning will warm into the 60s across Central Florida today with light northwesterly. On Sunday, the post-frontal high pressure will settle over Central Florida, bringing winds around to the north and keeping weather conditions pristine. Sunday morning low temperatures will drop into low 40s along the Space Coast, but light winds will allow temps to climb into the mid-60s by afternoon. The primary weather concern Sunday morning remains a very slight risk of violating Liftoff Wind limits. Maximum upper-level winds will be from the west at 85 knots near 40,000 feet.

Clouds

Cirrostratus

Coverage

Few

Bases (feet)

25,000

Tops (feet)

27,000

Weather: None

Surface Visibility: 7 Miles

Liftoff Winds (MPH): 350° @ 10-15 (200')

Temperature: 52°F

Solar Activity: Low

Pressure: 30.27 inHg

RH: 82%

Launch day probability of violating launch weather constraints:

<5%

Primary concern(s): Liftoff Winds

Sunrise: 23/0712 EST

Sunset: 23/1732 EST

Moonrise: 22/1745 EST

Moonset: 23/0757 EST

Illumination: 100%

Next forecast will be issued: As Required