



Eastern Range Operations Forecast

Op Number: XXXXX

Issued: 19 Nov 04 / 1300Z

Valid: Launch Window

Note: Forecasts available on the 45th Weather Squadron web site at: <https://www.patrick.af.mil/45OG/45WS/>

Vehicle/Payload: Delta II / Swift

Location: SLC 17A

Launch Weather Officer:

Synoptic Discussion:

No changes in forecast reasoning. Surface high pressure will gradually weaken and move eastward. Winds will respond by becoming more S-SE. Otherwise, benign conditions expected. **Main concerns will be the very slight chance for cumulus clouds and precipitation, both of which are flight through rules.**

<u>Clouds</u>	<u>Coverage</u>	<u>Bases (feet)</u>	<u>Tops (feet)</u>
SCT030	2/8	3,000	5,000
SCT250	2/8	25,000	27,000

Visibility: 10 miles

Wind: 150 / 8 G 12 KTS

Pressure: 30.18 IN HG

Temperature: 76-78 F

RH: 50%

Weather: Partly Cloudy

Overall probability of violating weather constraints: <10%

Primary concern(s): Cumulus Cloud Rule, Flight through Precipitation

Overall probability of violating weather constraints for 24 hour delay: <10%

Primary concern(s): same

Overall probability of violating weather constraints for 48 hour delay: N/A

Primary concern(s):

Sunrise: 20 Nov 04 / 0649 EST

21 Nov 04 / 0650 EST

Moonrise/ 20 Nov 04 / 1403 EST / 66%

(% illum): 21 Nov 04 / 1433 EST / 75%

Sunset: 20 Nov 04 / 1727 EST

21 Nov 04 / 1727 EST

Moonset: 21 Nov 04 / 0155 EST

22 Nov 04 / 0253 EST

Next forecast will be issued: 20 Nov 04