





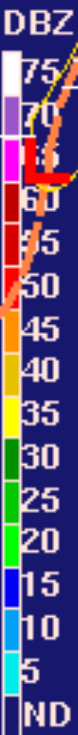
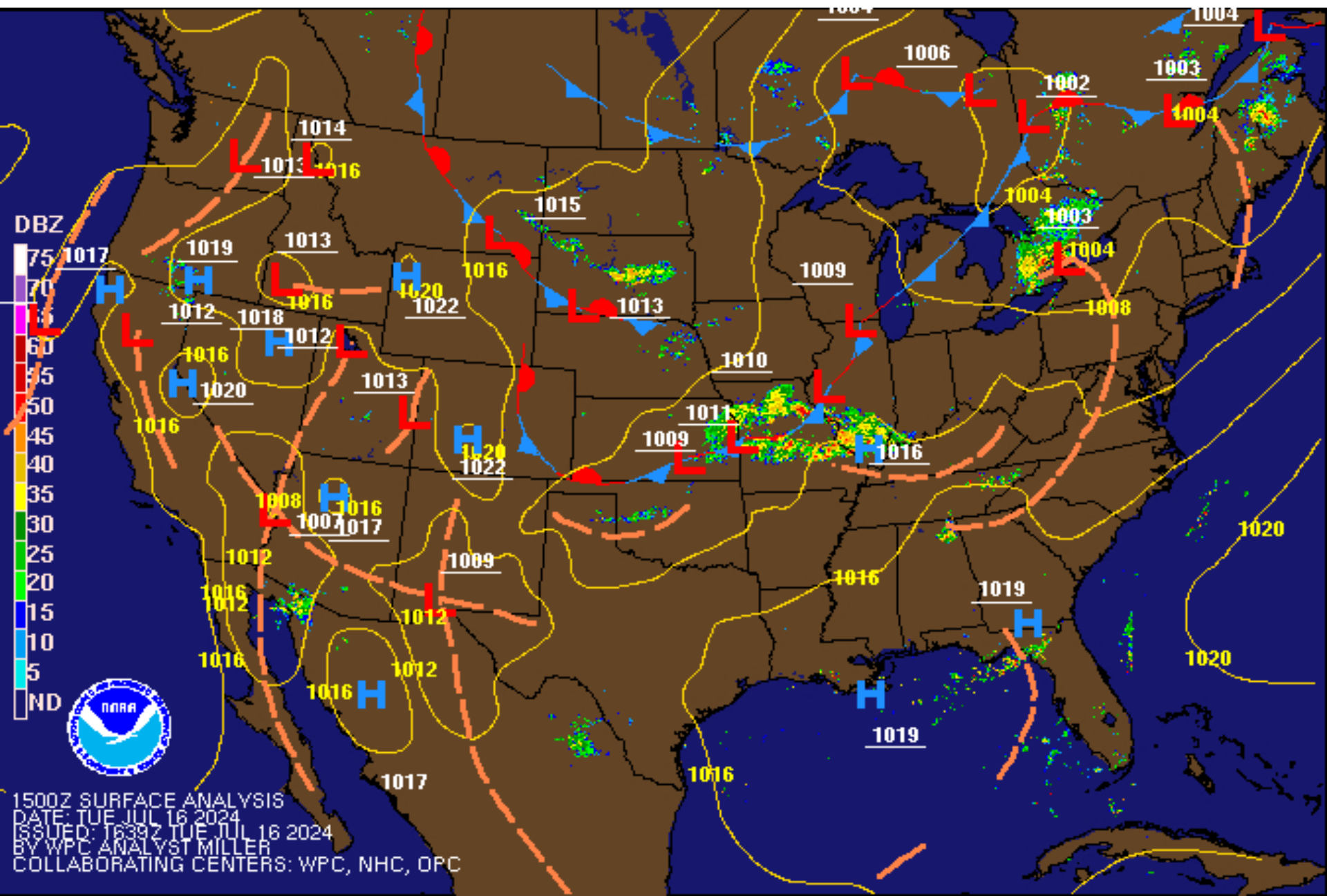


ISSUED: 7/16/2024

<p>This forecast is valid for Wallops Flight Facility Operations</p> <p>This forecast is updated no later than 1600L, Monday-Friday</p> <p>Please contact the Weather Forecast Office at ext. 1325 with questions</p>	Wednesday		Thursday		Friday		
	AM	PM	AM	PM	AM	PM	
							
	Mostly clear to partly cloudy and humid. Hot, humid, and slightly breezy by late morning.	Partly cloudy, hot, and humid with a good chance of showers and t'storms, especially late.	Mostly cloudy with a chance of showers and t'storms. Humid.	Mostly to partly cloudy with a chance of showers and t'storms.	Partly cloudy to mostly clear and less humid.	Mostly sunny to partly cloudy and less humid.	
Chance of Precipitation	Green		Orange		Green		
<p>Tomorrow's Sunrise/Sunset: 0553L/2022L</p> <p>Moonrise/Moonset: 1722L/0153L</p>	<p>Low: 79F</p> <p>SW 6-11 kts →</p> <p>SW 9-14 G22 kts</p>	<p>High: 92F</p> <p>SW 11-16 G23 kts →</p> <p>S 14-19 G24 kts</p>	<p>Low: 75F</p> <p>SW 7-12 kts →</p> <p>NW 6-11 kts</p>	<p>High: 86F</p> <p>NW 6-11 kts →</p> <p>SE 5-10 kts</p>	<p>Low: 70F</p> <p>N 4-8 kts →</p> <p>NE 7-12 G17 kts</p>	<p>High: 84F</p> <p>NE 8-13 G18 kts →</p> <p>E 5-10 kts</p>	
High Tides and Moon Phase	0441L&1718L Visible 84%		0533L & 1808L Visible 91%		0624L & 1858L Visible 96%		
Category	Constraint	7/17/24		7/18/24		7/19/24	
Lightning	Within 10 miles of WFF	Green	Orange	Yellow	Orange	Green	Green
Ceiling/Vis	< 500' and/or < 1 mile	Green	Yellow	Yellow	Yellow	Green	Green
High Winds	≥ 25kt	Green	Yellow	Green	Green	Green	Green
Heavy Rain	Causes localized flooding	Green	Green	Green	Green	Green	Green
Flooding	High Wind, Surf, Tide	Green	Green	Green	Green	Green	Green
Snow & Ice	Hazardous to Ops	Green	Green	Green	Green	Green	Green
Extreme Heat	Heat Index ≥ 100F	Red	Red	Green	Green	Green	Green
Extreme Cold	Wind Chill ≤ 10F	Green	Green	Green	Green	Green	Green
<p>GREEN: 0-15% Likely YELLOW: 16-40% Likely ORANGE: 41-70% Likely RED: 71-100% Likely</p>							



1500Z SURFACE ANALYSIS
DATE: TUE JUL 16 2024
ISSUED: 1639Z TUE JUL 16 2024
BY WPC ANALYST MILLER
COLLABORATING CENTERS: WPC, NHC, OPC

Space Weather Outlook

ISSUED: 7/16/2024



Storm Type	24 Hour Observed Max	7/17/24 Forecast	7/18/24 Forecast
Geomagnetic Storms	None	None	None
Solar Radiation Storms	None	15% chance of \geq S1	15% chance of \geq S1
Radio Blackouts	R3	65 % chance of R1-R2 15% chance of R3-R5	65 % chance of R1-R2 15 % chance of R3-R5

Space Weather Scales

Storm Type	Minor	Moderate	Strong	Severe	Extreme
Geomagnetic Storms	G1	G2	G3	G4	G5
Solar Radiation Storms	S1	S2	S3	S4	S5
Radio Blackouts	R1	R2	R3	R4	R5

For more detailed information about the space weather scales referenced above, please visit the website below.

<http://www.swpc.noaa.gov/sites/default/files/images/NOAAscales.pdf>