




















SIMMONS AAF / FT BRAGG NORTH CAROLINA USA 5-DAY FORECAST

AS OF 0300 HRS LOCAL 15 AUG 22

		Mon 15 Aug 22		Tue 16 Aug 22		Wed 17 Aug 22		Thu 18 Aug 22		Fri 19 Aug 22		
FORECAST												
	12H PRECIP	0.25 in	0.75 in	0.25 in	0.00 in	0.00 in	0.00 in	0.00 in	0.25 in	0.25 in	0.25 in	
	TEMPS	LO: 72F/22C HI: 86F/30C		LO: 66F/18C HI: 81F/27C		LO: 66F/18C HI: 83F/28C		LO: 66F/18C HI: 79F/26C		LO: 67F/19C HI: 82F/27C		
		WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX 86F/30C	WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX 87F/30C	
	WINDS	VRB 6 KTS	 20G25 KTS	VRB 20G25 KTS	 10 KTS	 7 KTS	 7 KTS	 7 KTS	 7 KTS	 15G25 KTS	 7 KTS	 15G25 KTS
	X-WINDS	00/18 L&R: 0 KTS	00/18 L&R: 25 KTS	00/18 L&R: 0 KTS	00/18 L&R: 6 KTS	00/18 L&R: 3 KTS	00/18 L&R: 3 KTS	00/18 L&R: 3 KTS	00/18 L&R: 3 KTS	00/18 L&R: 25 KTS	00/18 L&R: 7 KTS	00/18 L&R: 9 KTS
	SKY/VIS/WX CONDITIONS	6 SM / 11000FT RAINSHOWERS MOSTLY CLOUDY	3 SM / 3000FT THUNDERSTORMS	3 SM / 3000FT THUNDERSTORMS MOSTLY CLOUDY	7 SM / 2000FT MOSTLY CLOUDY	7 SM / NO CIG PARTLY CLOUDY	7 SM / 6000FT MOSTLY CLOUDY	7 SM / 6000FT MOSTLY CLOUDY	7 SM / 6000FT MOSTLY CLOUDY	7 SM / 6000FT SCATTERED TSTMS MOSTLY CLOUDY	7 SM / 6000FT SCATTERED TSTMS MOSTLY CLOUDY	7 SM / 5000FT SCATTERED TSTMS MOSTLY CLOUDY
	DA / PA	MAX DA: +1533FT	MAX PA: +309FT	MAX DA: +1690FT	MAX PA: +328FT	MAX DA: +0FT	MAX PA: +0FT	MAX DA: +0FT	MAX PA: +0FT	MAX DA: +0FT	MAX PA: +0FT	MAX PA: +0FT
	SOLAR / LUNAR DATA (LOCAL)	BMNT: 05:37 SR: 06:36 MR: 22:33	EENT: 21:03 SS: 20:04 MS: 10:25	BMNT: 05:37 SR: 06:36 MR: 23:00	EENT: 21:02 SS: 20:03 MS: 11:29	BMNT: 05:38 SR: 06:37 MR: 23:29	EENT: 21:00 SS: 20:02 MS: 12:31	BMNT: 05:39 SR: 06:38 MR: **	EENT: 20:59 SS: 20:00 MS: 13:33	BMNT: 05:40 SR: 06:39 MR: 00:01	EENT: 20:58 SS: 19:59 MS: 14:33	
	ILLUM DATA	DARK PERIOD 1:30	MOON PERIOD 5:37 / 1:27	DARK PERIOD 1:58	MOON PERIOD 5:37 / 1:00	DARK PERIOD 2:29	MOON PERIOD 5:38 / 0:31	DARK PERIOD 3:01	MOON PERIOD 5:39	DARK PERIOD 0:01 / 3:02	MOON PERIOD 5:39	
	87%		79%		70%		60%		50%			

Fort Bragg 5-Day Forecast

(Valid 0400L 15 AUG 2022)

MONDAY: Mostly cloudy with rain showers throughout the day. Thunderstorms in the evening persisting into Tuesday morning. Max winds of 15mph gusting 25mph coming out of the southwest. Low temperature of 68F and a high temperature of 86F.

TUESDAY: : Expecting thunderstorms in the morning hours with mostly cloudy skies in the afternoon. Winds from the northeast up to 10mph. Low temperature of 66F and a high temperature of 81F.

WEDNESDAY: Mostly cloudy skies throughout the day, winds from the northeast at 5-10mph. Low temperature of 66F and a high of 83F.

THURSDAY: Mostly cloudy throughout the day with thunderstorms in the afternoon. Winds associated with storms gusting up to 20mph. Winds from the east at 5-10mph. Low temperature of 66F and a high of 79F.

FRIDAY: Mostly cloudy throughout the day with thunderstorms in the afternoon. Winds associated with storms gusting up to 20mph. Winds from the southeast at 5-10mph. Low temperature of 67F and a high of 82F.



FT BRAGG AUGUST CLIMO



	Rainfall	Limited Visibility	High Winds	Fog	Cloud Cover	Low Ceilings	Humidity	Lightning
Rotary Wing	Red	Red	Green	Red	Green	Green	Green	Yellow
ISR	Red	Red	Green	Red	Yellow	Yellow	Yellow	Yellow
Static Line	Red	Red	Green	Red	Green	Green	Green	Yellow
Trafficability	Yellow	Yellow	Green	Yellow	Green	Green	Green	Yellow

● FAVORABLE
 ● MARGINAL
 ● UNFAVORABLE




Weather effects represent worst case scenario due to inclement weather

Assessment: In August, temperatures can get into the triple digits causing heat index to adversely affect personnel and munitions. Low ceilings and visibility will impact Airborne and aviation operations and will be most common in the morning hours. Heavy rain and thunderstorm activity significantly affect rotary aircraft as well as airborne operations. Traffic ability will also be affected during periods of heavy rain presetting the threat of flooding and washouts. Surface temperature greater than 90F moderately degrades aircraft performance because it reduces its lift capability.

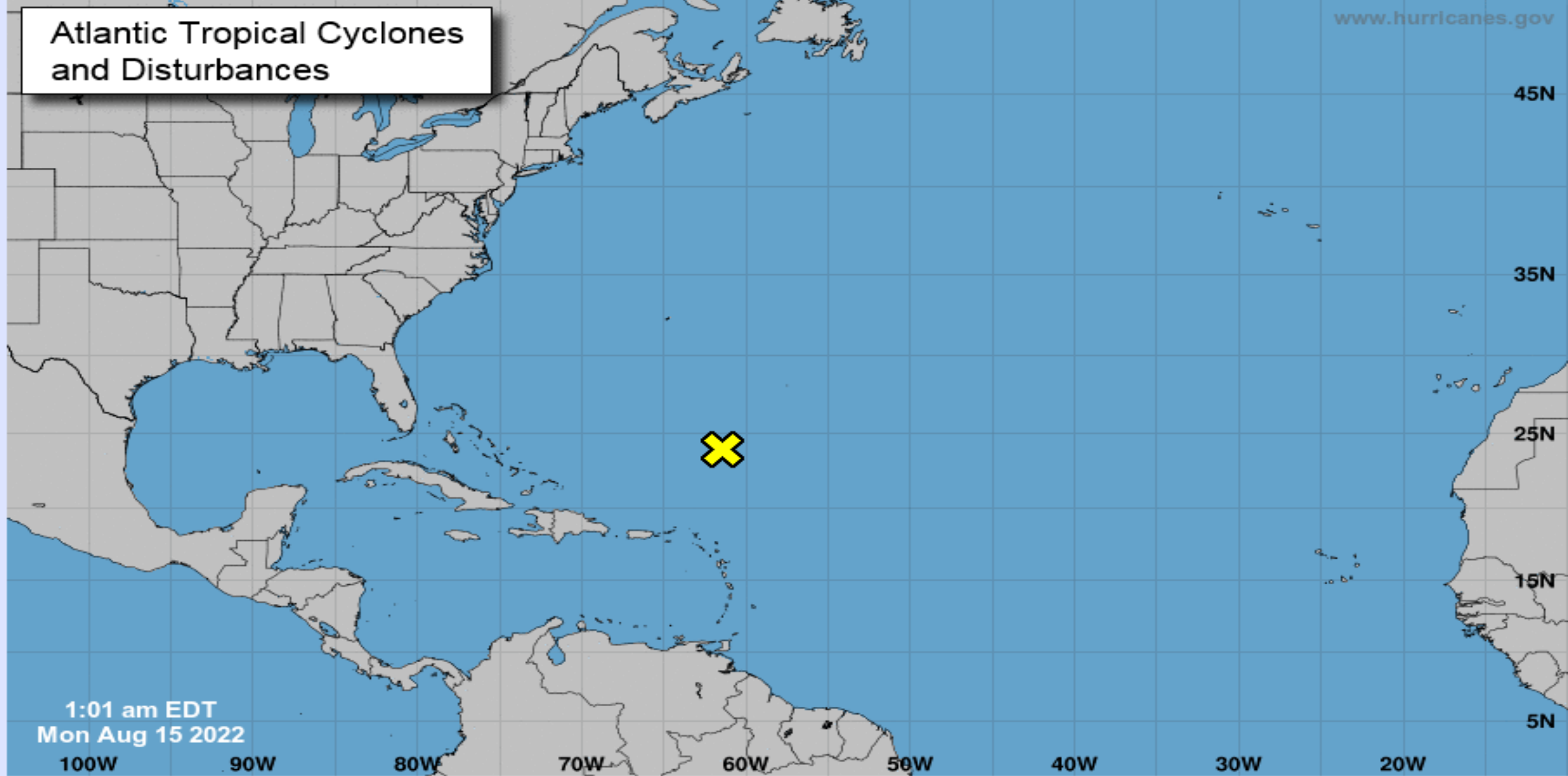
	<u>0000-1200L</u>	<u>1200L-0000L</u>
Ceiling/Vis < 1500'/3mi	21%	06%
Ceiling/Vis < 1000'/2mi	19%	05%
Winds		
Direction (from)	240	240
Speed (kts)	04	06

<u>Temp (Deg F)</u>	
Extreme high	107
Avg high	89
Avg low	72
Extreme low	52
Dewpoint	71
RH	94%

	<u>Solar/Lunar</u>		
	<u>1 Aug</u>	<u>15 Aug</u>	<u>31 Aug</u>
Sunrise	0625L	0635L	0646L
Sunset	2017L	2003L	1944L
Moonrise	0050L	1401L	NONE
Moonsset	1447L	NONE	1431L
Illum	41%	54%	49%

	15 days per month
	08 days per month
	17 days per month

Atlantic Tropical Cyclones and Disturbances



1:01 am EDT
Mon Aug 15 2022

Current Disturbances and Two-Day Cyclone Formation Chance: **X** < 40% **X** 40-60% **X** > 60%

Tropical or Sub-Tropical Cyclone: **○** Depression **○** Storm **○** Hurricane

⊗ Post-Tropical Cyclone or Remnants