Spring & Summer Weather Hazards



OL-C, 18th Combat Wx Squadron

Overview

- What's New
- Hours of Operation
- Products
- Services
- Climatology
- Seasonal Patterns
- Seasonal Hazards

What's New

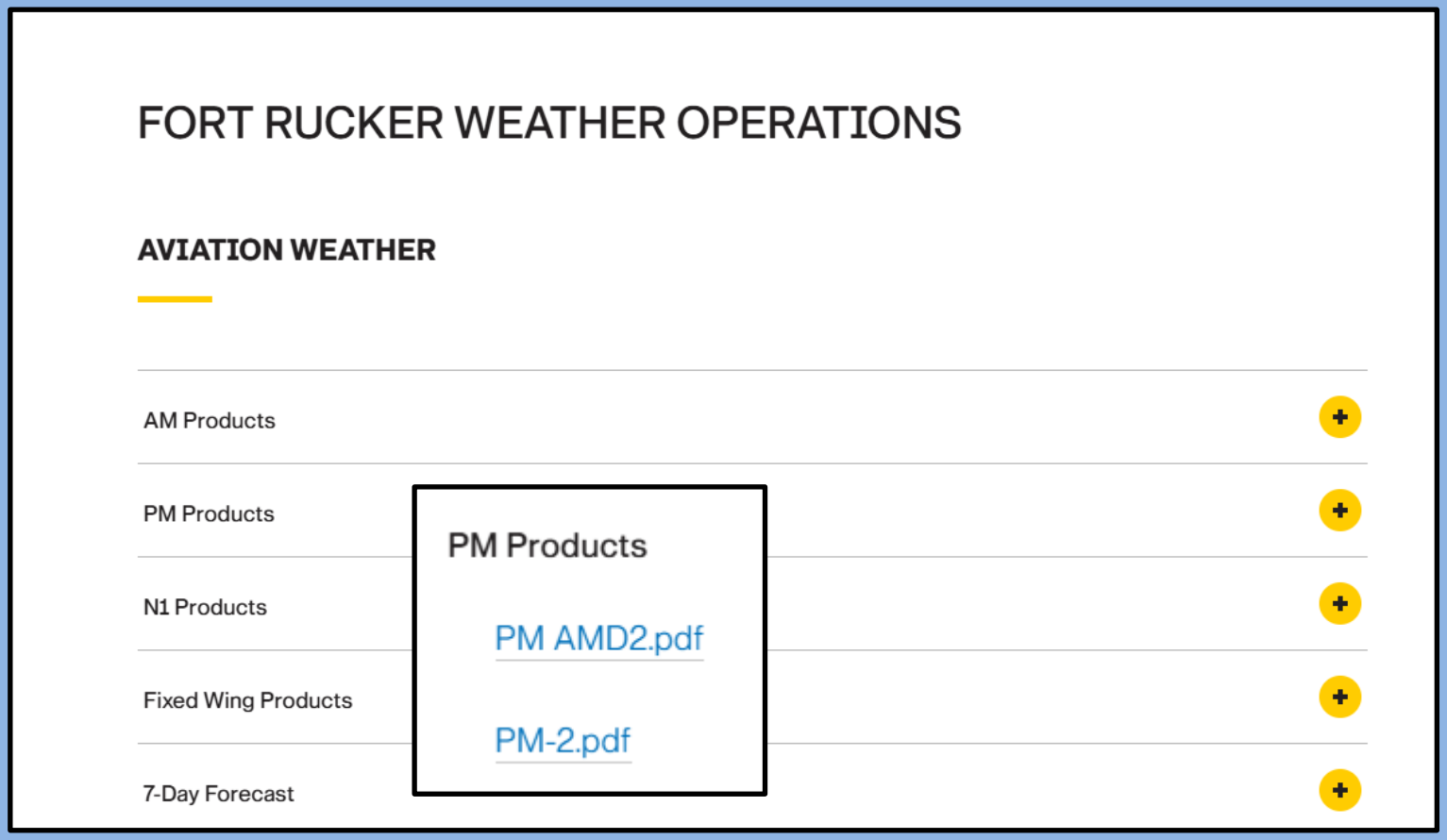
- Mass PM MEF Briefing via Teams
  - 1115L CDT, 1045L CST

https://usg01.safelinks.protection.office365.us/?url=https%3A%2F%2Fdod.teams.microsoft.us%2Fl%2Fmeetup-join%2F19%253adod%253a2d23de2e55bb4bf6a9898e6cdd9fe371%2540thread.tacv2%2F1749133296393%3Fcontext%3D%257b%2522Tid%2522%253a%2522fae6d70f-954b-4811-92b6-0530d6f84c43%2522%252c%2522Oid%2522%253a%25222be65db8-89eb-4ffb-a64f-77bc27ad0ea7%2522%257d&data=05%7C02%7Ccindy.l.howell.civ%40army.mil%7Ca5c33c61b6f34f5a42d808de1ae93f37%7Cfae6d70f954b481192b60530d6f84c43%7C0%7C0%7C638977786255398284%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=r2%2Fy6IdErpBQH5L1pVgyRpLWmmEmypZHhnbwEv6%2B9Ts%3D&reserved=0

What's New

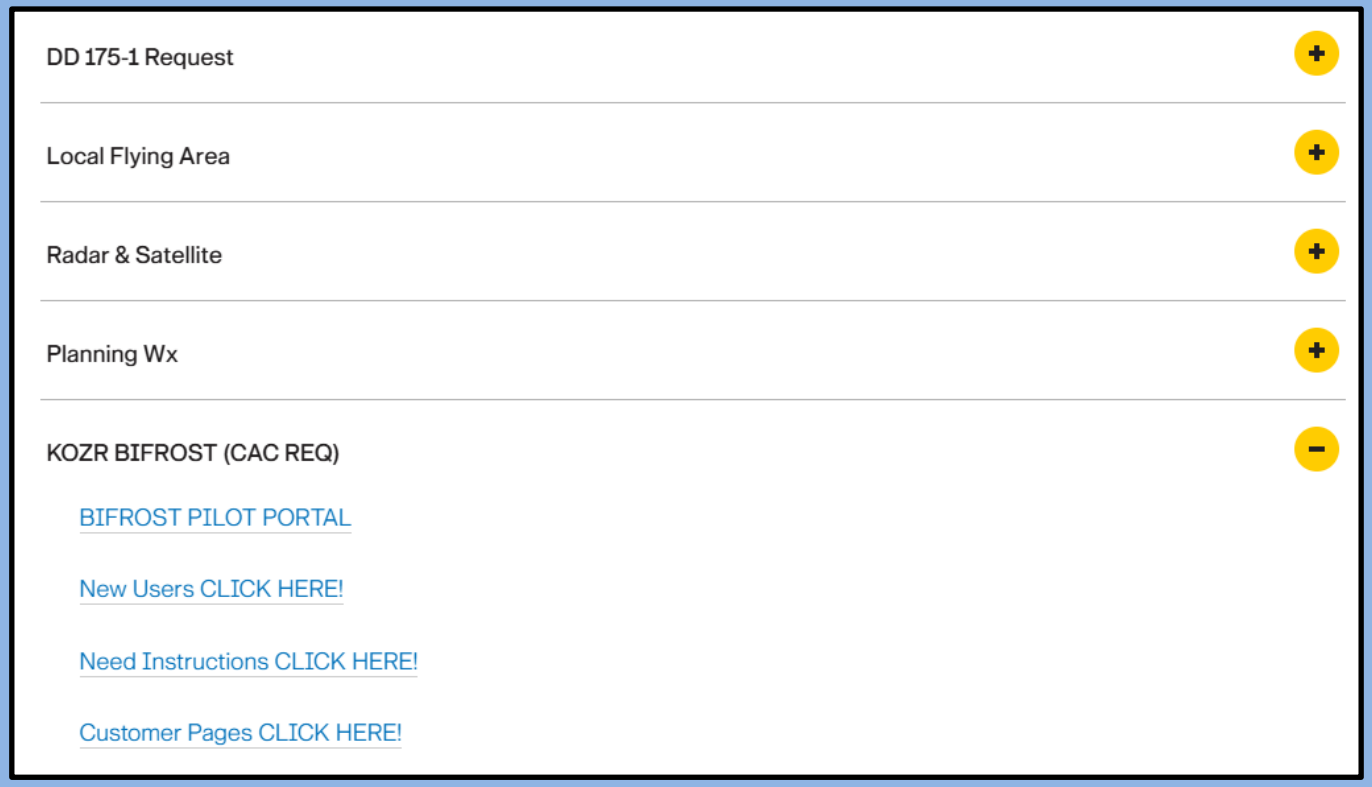
- Aviation Wx Webpage

https://www.army.mil/rucker#org-weather



What's New

- BIFROST
  - Log into BIFROST (https://bifrost.afweather.mil) and request account with mil email address



What's New

KHEY and 19AL Customers: https://bifrost.afweather.mil/ui/dashboard/62634e67-5291-4cad-a68c-fc5706d5a694

KLOR Customers: https://bifrost.afweather.mil/ui/dashboard/ac4ad6c3-f705-4323-bffe-93e963e9af40

KSXS Customers: https://bifrost.afweather.mil/ui/dashboard/81da7af1-033e-41c9-81e1-b470fe931b8a

KFHK Customers: https://bifrost.afweather.mil/ui/dashboard/42a1ac73-3834-4bf0-94c8-93a7cd81cb9b

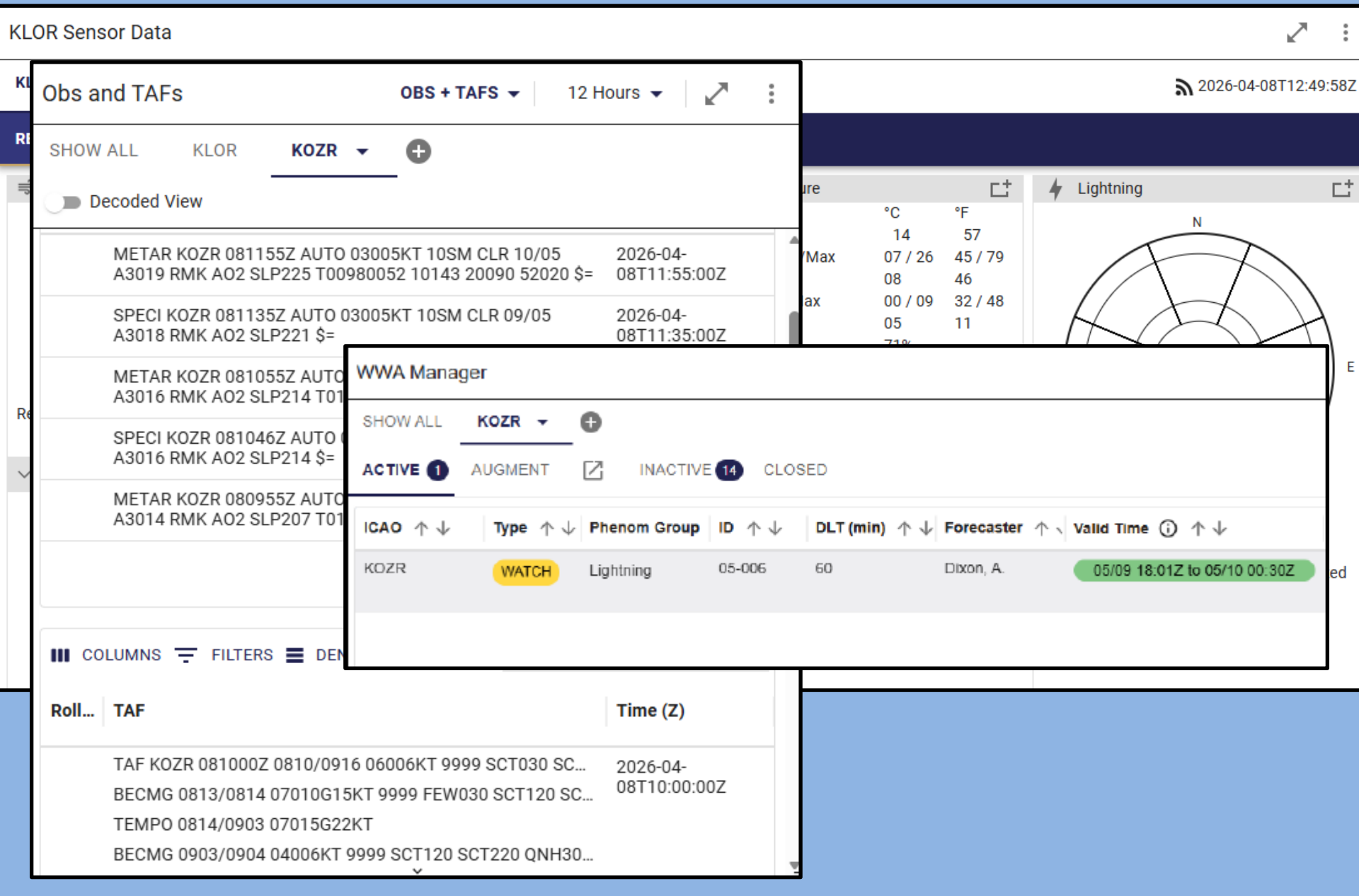
KOZR Customers: https://bifrost.afweather.mil/ui/dashboard/0cee3748-7470-44ff-959b-8544c4594196

Army Fixed Wing Customers: https://bifrost.afweather.mil/ui/dashboard/630f41b8-3d81-437f-8a66-a25150748658

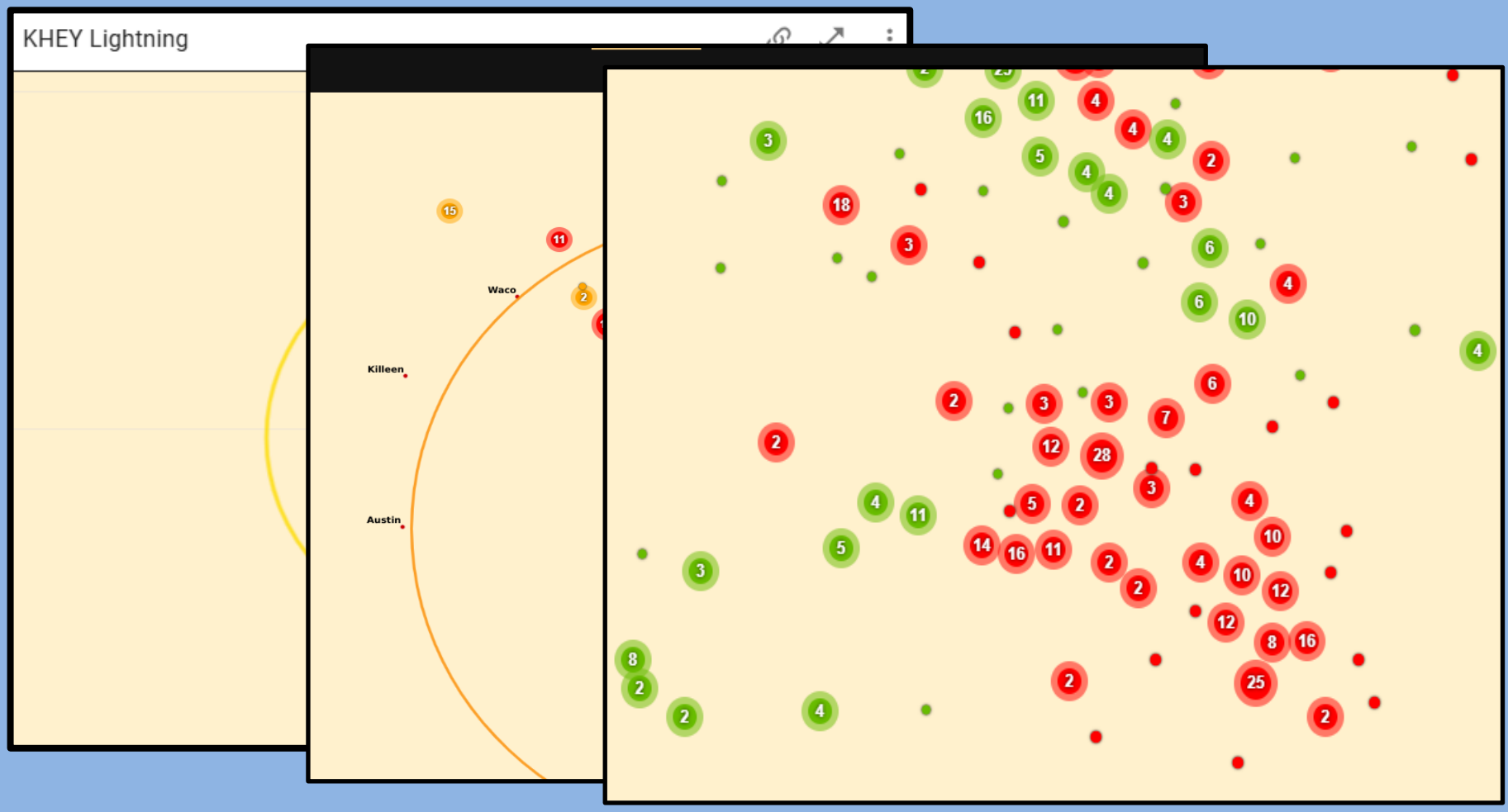
Stage Fields Lightning: https://bifrost.afweather.mil/ui/dashboard/717a4b3a-3627-449f-9ecf-2358f8d7ced9

Base Fields Lightning: https://bifrost.afweather.mil/ui/dashboard/a611b818-bfaa-4915-a53a-64745982f516

What's New


KLOR Sensor Data
2026-04-08T12:49:58Z
Obs and TAFs
OBS + TAFS
12 Hours
SHOW ALL
KLOR
KOZR
Decoded View
METAR KOZR 081155Z AUTO 03005KT 10SM CLR 10/05 A3019 RMK AO2 SLP225 T00980052 10143 20090 52020 $=
2026-04-08T11:55:00Z
SPECI KOZR 081135Z AUTO 03005KT 10SM CLR 09/05 A3018 RMK AO2 SLP221 $=
2026-04-08T11:35:00Z
METAR KOZR 081055Z AUTO
A3016 RMK AO2 SLP214 T01
SPECI KOZR 081046Z AUTO
A3016 RMK AO2 SLP214 $=
METAR KOZR 080955Z AUTO
A3014 RMK AO2 SLP207 T01
°C
°F
14
57
Max
07 / 26
45 / 79
08
46
ax
00 / 09
32 / 48
05
11
Lightning
N
WWA Manager
SHOW ALL
KOZR
ACTIVE 1
AUGMENT
INACTIVE 14
CLOSED
ICAO
Type
Phenom Group
ID
DLT (min)
Forecaster
Valid Time
KOZR
WATCH
Lightning
05-006
60
Dixon, A.
05/09 18:01Z to 05/10 00:30Z
COLUMNS
FILTERS
Roll...
TAF
Time (Z)
TAF KOZR 081000Z 0810/0916 06006KT 9999 SCT030 SC...
BECMG 0813/0814 07010G15KT 9999 FEW030 SCT120 SC...
TEMPO 0814/0903 07015G22KT
BECMG 0903/0904 04006KT 9999 SCT120 SCT220 QNH30...
2026-04-08T10:00:00Z

What's New



Red: Lightning strike 0-15 minutes old. Outdoor activities are not safe.

Green: Lighting strike 16-30 minutes old. Outdoor activities are safe.

What's New

KHEY - HANCHEY AHP - GALWEM 2025-04-09T06:00:00Z Extracted Model Run

Valid	0 hr Wed 09/06Z 09/00L	3 hr Wed 09/09Z 09/03L	6 hr Wed 09/12Z 09/06L	9 hr Wed 09/15Z 09/09L	12 hr Wed 09/18Z 09/12L	15 hr Wed 09/21Z 09/15L	18 hr Thu 10/00Z 09/18L	21 hr Thu 10/03Z 09/21L	24 hr Thu 10/06Z 10/00L	27 hr Thu 10/09Z 10/03L	30 hr Thu 10/12Z 10/06L	33 hr Thu 10/15Z 10/09L	36 hr Thu 10/18Z 10/12L	39 hr Thu 10/21Z 10/15L	42 hr Fri 11/00Z 10/18L	45 hr Fri 11/03Z 10/21L	48 hr Fri 11/06Z 11/00L
Temp °F	52°F	49°F	46°F	56°F	63°F	66°F	62°F	55°F	51°F	48°F	48°F	64°F	71°F	73°F	67°F	62°F	60°F
Temp °C	11°C	9°C	8°C	13°C	17°C	19°C	17°C	13°C	11°C	9°C	9°C	18°C	21°C	23°C	20°C	17°C	16°C
DP Temp °F	43	40	39	38	37	39	41	39	41	39	40	48	46	48	51	55	54
DP Temp °C	6	5	4	3	3	4	5	4	5	4	4	9	8	9	10	13	12
Humidity	73%	73%	75%	51%	39%	37%	46%	56%	67%	69%	74%	57%	41%	41%	55%	77%	81%
Wind Chill	52°F	49°F	46°F	56°F	63°F	66°F	62°F	55°F	51°F	48°F	48°F	64°F	71°F	73°F	67°F	62°F	60°F
Heat Index	52	49	46	56	63	66	62	55	51	48	48	64	77	77	67	62	60
FITS	62	58	56	63	69	72	69	63	60	57	57	74	78	80	77	74	72
Gen Wx	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon	Coming Soon
Cloud Coverage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	4	6
Lowest Ceiling															055		054
Winds (kts)	360/4 4	000/5 5	360/4 4	010/4 4	350/2 2	330/3 3	360/2 2	070/3 3	130/3 3	250/2 2	240/1 1	210/4 4	260/5 14	260/6 14	200/3 3	210/8 15	230/8 16
Cross Wind (kts)																	
1,000 ft MSL Winds	020/17	030/12	030/7	360/5	360/2	330/3	350/3	090/4	160/4	240/4	260/5	250/8	260/7	260/9	250/9	240/20	240/29
2,000 ft MSL Winds	360/14	360/13	350/10	360/7	360/2	330/3	350/3	080/3	170/3	270/6	290/7	280/8	260/7	270/10	260/11	240/16	250/26
3,000 ft MSL Winds	340/14	340/15	340/14	010/10	030/3	330/3	340/3	080/1	210/3	280/7	300/9	300/9	270/7	270/10	270/13	250/14	250/24
4,000 ft MSL Winds	320/14	320/15	340/13	010/9	020/3	340/3	330/2	140/1	210/4	260/6	280/8	300/10	280/7	270/11	270/15	260/14	260/24
5,000 ft MSL Winds	310/14	320/14	350/11	010/8	340/5	340/4	000/3	140/2	200/5	240/7	260/9	280/10	280/12	270/12	280/16	270/14	270/25
6,000 ft MSL Winds	320/13	330/12	350/11	350/8	330/8	340/7	000/4	290/1	230/4	250/8	270/9	270/11	280/18	290/15	280/17	280/15	270/27
Visibility	15	15	15	15	15	15	15	14	13	11	10	15	15	15	15	9	8
Precip																	
3 hr Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of TSTM		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Snow		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Frz Precip		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prob of Fog	0%	0%	0%	0	0	0	0	0	0%	0%	0%	0	0	0	0	0%	0%
ALSTG (in hg)	30.10	30.13	30.17	30.21	30.19	30.14	30.16	30.20	30.20	30.19	30.22	30.23	30.18	30.11	30.09	30.08	30.04
Press Alt (ft)	142	120	76	43	62	105	89	54	56	65	35	27	69	136	153	164	195
Density Alt (ft)	-163	-407	-620	-25	457	733	429	-76	-321	-500	-565	548	996	1227	916	623	511
Max Turb Blo 10K	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	LIGHT	LIGHT
Max Icg Blo 10K	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE
Trop Hgt (ft)	13875	13865	13871	13876	13865	13855	13874	13893	13880	13869	13874	13880	12049	13867	13864	13858	13829
Freezing Lvl (ft AGL)	10076	10006	10613	10770	11090	11291	11408	11470	11414	11196	11079	11564	11115	11216	10866	10817	10330

Hours of Operation

- Observing
  - 24/7 (automated)
- Forecasting @ KOZR
  - 01L Monday – 01L Tuesday, then 03L – 01L Tuesday thru Saturday (closed weekends and federal holidays)
- 26 OWS contact info
  - COMM 318-529-2651/2652/2653
  - DSN 331-2651/2652/2653

Specification/Amendment Criteria

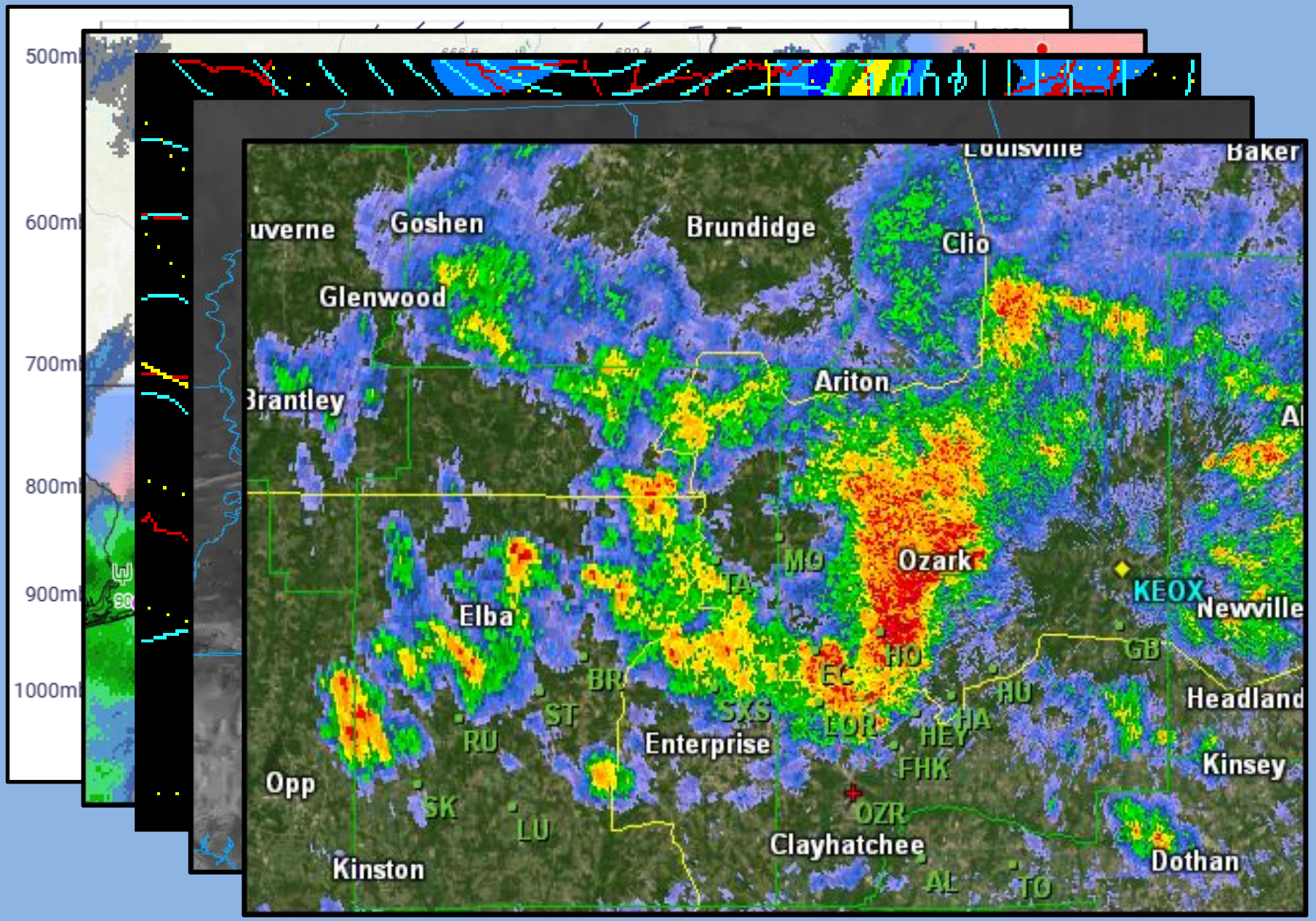
NWS TAF	AF TAF	MEF/-1/-2
≥ 3000 / 5	≥ 1500 / 3	≥ 1500 / 3
< 2000 / 3	< 1500 / 3	≥ 1000 / 3
< 1000 / 3	< 600 / 1 1/2	< 1000 / 3
< 600 / 2	< 200 / 1/2	< 800 / 2
< 200 / 1/2		< 700 / 2
		< 600 / 1 1/4
		< 500 / 1
		< 300 / 1/2
		< 200 / 1/4

- MAY BE AUTO
- LOOSE AMD RULES
- NON MIL

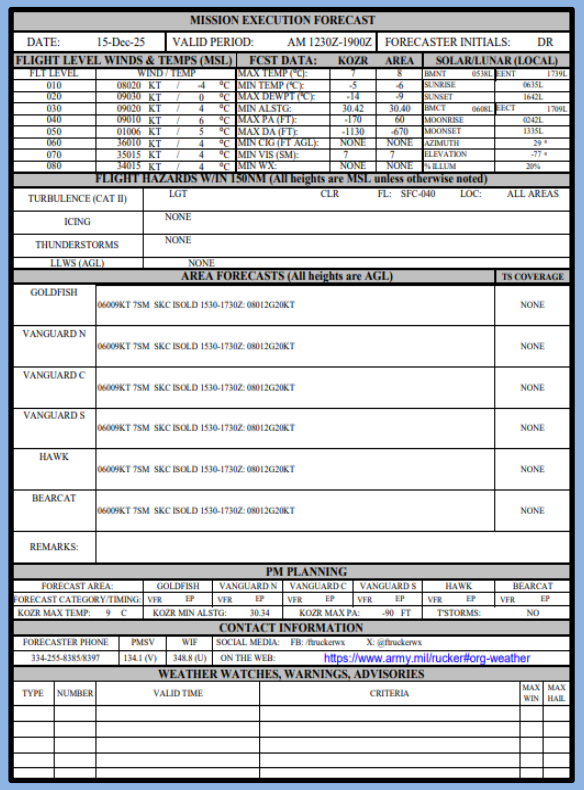
- MAY BE AUTO
- STRICT AMD RULES
- LOW PRIORITY

- STRICT AMD RULES
- HIGH PRIORITY
- TAILORED TO YOU

The Process


500mb
600mb
700mb
800mb
900mb
1000mb
Louisville
Baker
Goshen
Brundidge
Clio
Glenwood
Ariton
Elba
Ozark
KEOX
Newville
Headland
Enterprise
Kinsey
Opp
Clayhatchee
Dothan
Kinston

Products



MISSION EXECUTION FORECAST

DATE: 15-Dec-25 | VALID PERIOD: AM 1230Z-1900Z | FORECASTER INITIALS: DR

FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:	KOZR	AREA
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	7	8
010	08020 KT / -4 °C	MIN TEMP (°C):	-5	-6
020	09030 KT / 0 °C	MAX DEWPT (°C):	-14	-9
030	09020 KT / 4 °C	MIN ALSTG:	30.42	30.40
040	09010 KT / 6 °C	MAX PA (FT):	-170	60
050	01006 KT / 5 °C	MAX DA (FT):	-1130	-670
060	36010 KT / 4 °C	MIN CIG (FT AGL):	NONE	NONE
070	35015 KT / 4 °C	MIN VIS (SM):	7	7
080	34015 KT / 4 °C	MIN WX:	NONE	NONE

SOLAR/LUNAR (LOCAL)	
BMNT	0538L
SUNRISE	0635L
SUNSET	1642L
BMCT	0608L
MOONRISE	0242L
MOONSET	1335L
AZIMUTH	29 °
ELEVATION	-77 °
% ILLUM	20%

FLIGHT HAZARDS W/IN 150NM (All heights are MSL unless otherwise noted)

TURBULENCE (CAT II)	LGT	CLR	FL: SFC-040	LOC: ALL AREAS
ICING	NONE			
THUNDERSTORMS	NONE			
LLWS (AGL)	NONE			

AREA FORECASTS (All heights are AGL)

		TS COVERAGE
GOLDFISH	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
VANGUARD N	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
VANGUARD C	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
VANGUARD S	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
HAWK	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
BEARCAT	06009KT 7SM SKC ISOLD 1530-1730Z: 08012G20KT	NONE
REMARKS:		

PM PLANNING

FORECAST AREA:	GOLDFISH	VANGUARD N	VANGUARD C	VANGUARD S	HAWK	BEARCAT
FORECAST CATEGORY/TIMING:	VFR EP	VFR EP	VFR EP	VFR EP	VFR EP	VFR EP

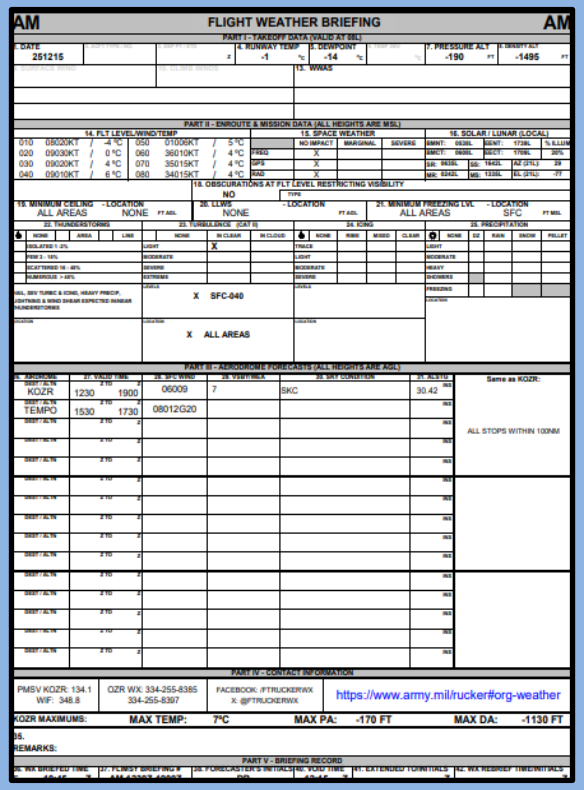
KOZR MAX TEMP: 9 C | KOZR MIN ALSTG: 30.34 | KOZR MAX PA: -90 FT | T'STORMS: NO

CONTACT INFORMATION

FORECASTER PHONE	PMSV	WIF	SOCIAL MEDIA:	FB: /ftruckerwx	X: @ftruckerwx
334-255-8385/8397	134.1 (V)	348.8 (U)	ON THE WEB:	https://www.army.mil/rucker#org-weather	

WEATHER WATCHES, WARNINGS, ADVISORIES

TYPE	NUMBER	VALID TIME	CRITERIA	MAX WIN	MAX HAIL



AM — FLIGHT WEATHER BRIEFING — AM

PART I - TAKEOFF DATA (VALID AT 08L)

3. DATE	4. RUNWAY TEMP	5. DEWPOINT	7. PRESSURE ALT	8. DENSITY ALT
251215	4 -1 °C	-14 °C	-190 FT	-1495 FT

13. WWAS

PART II - ENROUTE & MISSION DATA (ALL HEIGHTS ARE MSL)

14. FLT LEVEL/WIND/TEMP				15. SPACE WEATHER			16. SOLAR / LUNAR (LOCAL)	
010	08020KT / -4 °C	050	07036KT / 5 °C	NO IMPACT	MARGINAL	SEVERE	BMNT: 0538L	% ILLUM: 20%
020	09030KT / 0 °C	060	36010KT / 4 °C	FREQ	X		BMCT: 0608L	
030	09020KT / 4 °C	070	35015KT / 4 °C	GPS	X		SR: 0635L	SS: 1642L
040	09010KT / 6 °C	080	34015KT / 4 °C	RAD	X		MR: 0242L	MS: 1335L

17. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY			
NO	TYPE		

18. MINIMUM CEILING - LOCATION	20. LLWS - LOCATION	21. MINIMUM FREEZING LVL - LOCATION
ALL AREAS FT AGL	NONE FT AGL	SFC FT MSL

22. THUNDERSTORMS				23. TURBULENCE (CAT II)			24. ICING				25. PRECIPITATION				
NONE	AREA	LINE		NONE	IN CLOUD	IN CLEAR	NONE	RIME	MIXED	CLEAR	NONE	OZ	RAIN	SNOW	PELLET
ISOLATED 1 -9%				LIGHT		X	TRACE				LIGHT				
WIDE 3 - 10%				MODERATE			LIGHT				MODERATE				
SCATTERED 10 - 89%				SEVERE			MODERATE				HEAVY				
NUMEROUS > 90%				EXTREME			SEVERE				SHOWERS				
				LEVEL			LEVEL				FREEZING				
				X SFC-040											
LOCATION				LOCATION			LOCATION				LOCATION				
				X ALL AREAS											

PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)

25. AIRDROME / DEST / ALTN	27. VALID TIME	28. SFC WIND	29. VIS/WEA	30. SKY CONDITION	31. ALSTG	
KOZR	1230 - 1900	06009	7	SKC	30.42	Same as KOZR:
TEMPO	1530 - 1730	08012G20				ALL STOPS WITHIN 100NM

PART IV - CONTACT INFORMATION

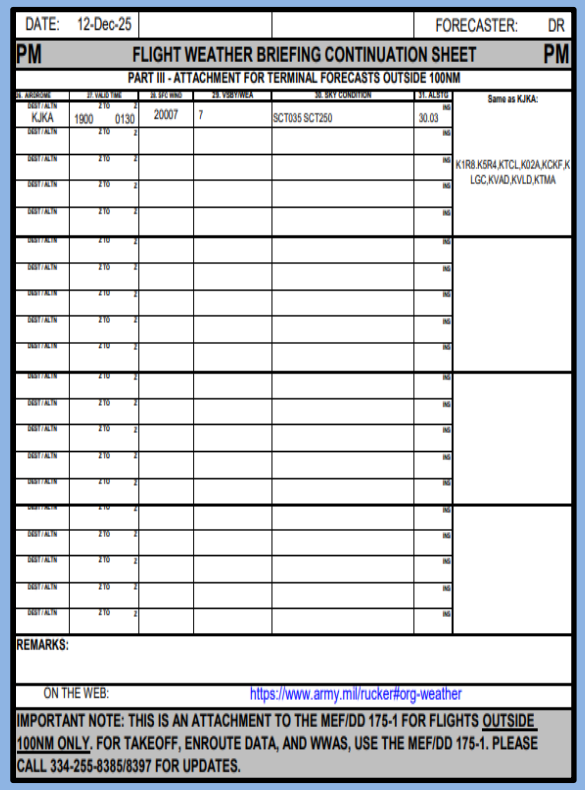
PMSV KOZR: 134.1 WIF: 348.8	OZR WX: 334-255-8385 334-255-8397	FACEBOOK: /FTRUCKERWX X: @FTRUCKERWX	https://www.army.mil/rucker#org-weather

KOZR MAXIMUMS: MAX TEMP: 7°C MAX PA: -170 FT MAX DA: -1130 FT

15. REMARKS:

PART V - BRIEFING RECORD

36. WX BRIEFED TIME	37. FLIGHT BRIEFING #	38. FORECASTER'S INITIALS	39. VOID TIME	41. EXTENDED TO/INITIALS	42. WX REBRIEF TIME/INITIALS
	AM 12307-12307	DR			



DATE: 12-Dec-25 | FORECASTER: DR

PM — FLIGHT WEATHER BRIEFING CONTINUATION SHEET — PM

PART III - ATTACHMENT FOR TERMINAL FORECASTS OUTSIDE 100NM

26. AIRDROME / DEST / ALTN	27. VALID TIME	28. SFC WIND	29. VIS/WEA	30. SKY CONDITION	31. ALSTG	
KJKA	1900 - 0130	20007	7	SCT035 SCT250	30.03	Same as KJKA:
						K1R8.K5R4.KTCL.K02A.KCKF.KLGC.KVAD.KVLD.KTMA

REMARKS:

ON THE WEB: https://www.army.mil/rucker#org-weather

IMPORTANT NOTE: THIS IS AN ATTACHMENT TO THE MEF/DD 175-1 FOR FLIGHTS OUTSIDE 100NM ONLY. FOR TAKEOFF, ENROUTE DATA, AND WWAS, USE THE MEF/DD 175-1. PLEASE CALL 334-255-8385/8397 FOR UPDATES.

- VFR Flights w/in 60NM
- Area Forecast
- AM, PM, N1

- IFR Flights w/in 100NM
- Point Forecast
- AM, PM, N1

- IFR Flights w/in 150NM
- Point Forecast
- AM, PM only

Products

	CST	CDT
AM Issue	0445L	0500L
AM Valid	0630-1300L	0630-1300L
PM Issue	1015L	1045L
PM Valid	1300-1930L	1300-1930L
N1 Issue	1630L	1715L
N1 Valid	1930-0230L	1930-0230L

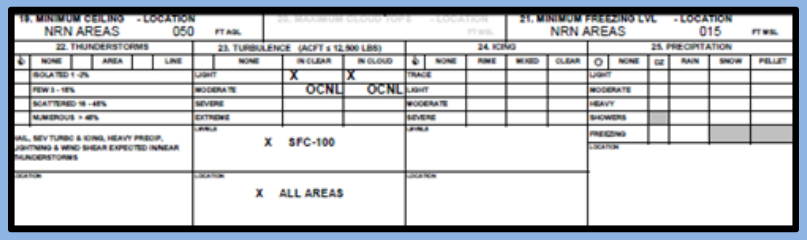
Keep In Mind……

FLIGHT HAZARDS WITHIN 150NM (All heights are MSL)						
TURBULENCE (Cat I)	LGT	OCNL MDT	CLR/CLD	FL: SFC-100	LOC:	ALL AREAS
ICING	NONE					
THUNDERSTORMS	NONE					
LOW LEVEL WIND SHEAR	NO					

Hazards are for 150NM

FLIGHT LEVEL WINDS & TEMPS (MSL)				
FLT LEVEL	WIND / TEMP			
010	26030 KT	/	13	°C
020	27030 KT	/	13	°C
030	27025 KT	/	12	°C
040	27025 KT	/	10	°C
050	26025 KT	/	8	°C
060	26025 KT	/	5	°C
070	27025 KT	/	3	°C
080	28025 KT	/	2	°C

FL winds/temps are for 150NM and mid point of period



TURBC/ICING <u>OUTSIDE</u> TS

REMARKS:	AMD 1: START THUNDERSTORMS AFTER 20Z FOR VG S, BEARCAT, GOLDFISH AND AFTER 22Z FOR HAWK, VG N

Read the Remarks

MEF Amendment vs Update

AMENDED @ 1635 Z	MISSION EXECUTION FORECAST	UPDATED @ 1845 Z
DATE: 8-May-18	VALID PERIOD: AM 1130Z-1800Z	FORECASTER INITIALS: AB

FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:	KOZR	AREA	SOLAR/LUNAR	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	29	30	BMNT / EENT	0454L / 2025L
010	02008 KT / 22 °C	MIN TEMP (°C):	14	13	SUNRISE	0552L
020	35006 KT / 20 °C	MAX DEWPT (°C):	15	17	SUNSET	1927L
030	34006 KT / 18 °C	MIN ALSTG:	29.99	29.99	BMCT / EECT	0526L / 1953L
040	32006 KT / 16 °C	MAX PA (FT):	240	440	MOONRISE	0148L
050	30006 KT / 13 °C	MAX DA (FT):	2090	2500	MOONSET	1252L
060	30006 KT / 9 °C	MIN CIG (FT AGL):	NONE	NONE	AZIMUTH	48.7 °
070	30005 KT / 7 °C	MIN VIS (SM):	7	7	ELEVATION	-65.3 °
080	30005 KT / 5 °C	MIN WX:	NONE	NONE	% ILLUM	46 %

FLIGHT HAZARDS W/IN 150NM (All heights are MSL)	
TURBULENCE (Cat I)	NONE
ICING	NONE
THUNDERSTORMS	NONE
LOW LEVEL WIND SHEAR	NONE

- Amendment is a change to the forecast
- Update is to add a WWA that is already forecast or to correct a typo

Products

- VCTS
  - Used to articulate TS risk
  - Better use of TEMPO TS
  - Does NOT mean predominant thunderstorms

TS Code	TS Risk	TS Coverage
VCTS	Low	ISOLD
TEMPO TS	Medium	FEW or greater
Predominant	High	FEW or greater

Products

Typical summer day:

GOLDFISH	18010KT 7SM VCTS FEW030 SCT080 ISOLD 2000-2200Z: VRB15G25KT 1/2SM TSRA OVC010 AFT 2200Z: 15010KT 5SM -SHRA SCT030 BKN080 AFT 2300Z: 12008KT 7SM SCT030 BKN080	FEW (11-25%)

DEST / ALTN	Z TO Z					INS
KOZR	1800 2200	18010	7	VCTS	FEW030 SCT080	29.99
DEST / ALTN TEMPO	Z TO Z 2000 2200	VRB15G25	1/2	TSRA	OVC010	INS
DEST / ALTN FROM	Z TO Z 2200 2300	15010	5	-SHRA	SCT030 BKN080	INS 29.97
DEST / ALTN FROM	Z TO Z 2300 0030	12008	7		SCT030 BKN080	INS 29.97
DEST / ALTN	Z TO Z					INS

Products

7-DAY OUTLOOK: 08 APR - 14 APR

	W			T			F			S			S	M	T
	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
Ceiling															
Visibility															
Surface Wind															
Turbulence															
Icing															
Thunderstorms															
UAS Winds															
High Temp	25			25			27			28			29	29	30
Low Temp	12			12			13			13			15	16	17

GO	MARGINAL	NO GO
1000	700	500
3 SM	2 SM	1 SM
< 20KTS	20 - 29KTS	≥ 30KTS
NONE	LGT (CAT II)	≥ MDT (CAT II)
NONE	4°/MOISTURE	0°/MOISTURE
< 30KTS	30 - 44KTS	≥ 45KTS
< 10KTS	10KTS	> 10KTS

Prepared by: Cindy L Howell

The streak of VFR weather continues! The only issue today will be gusty winds (G25kts). Same story for tomorrow. By Friday, winds abate, and we'll carry that thru the weekend and into early next week. Still no rain on the horizon.

Services

WWAS

MEF AMDS

SEVERE UPDATES



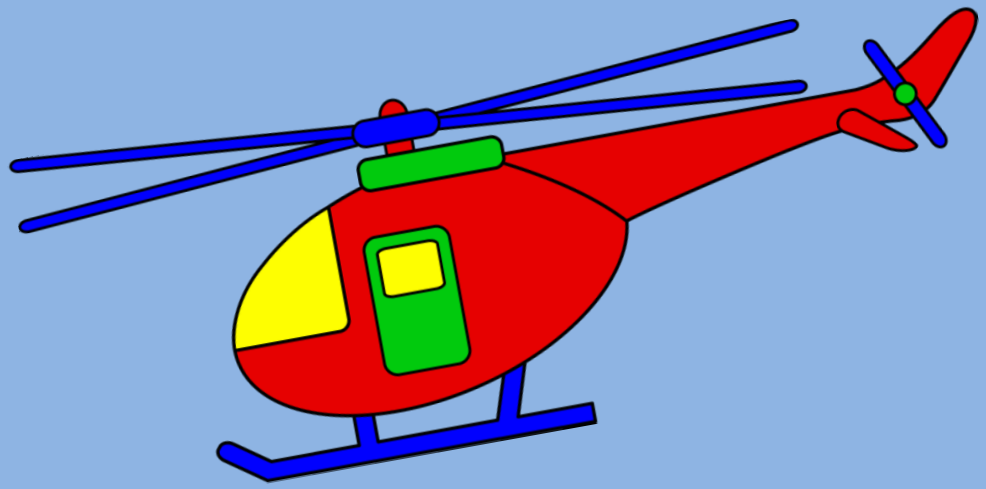




Services

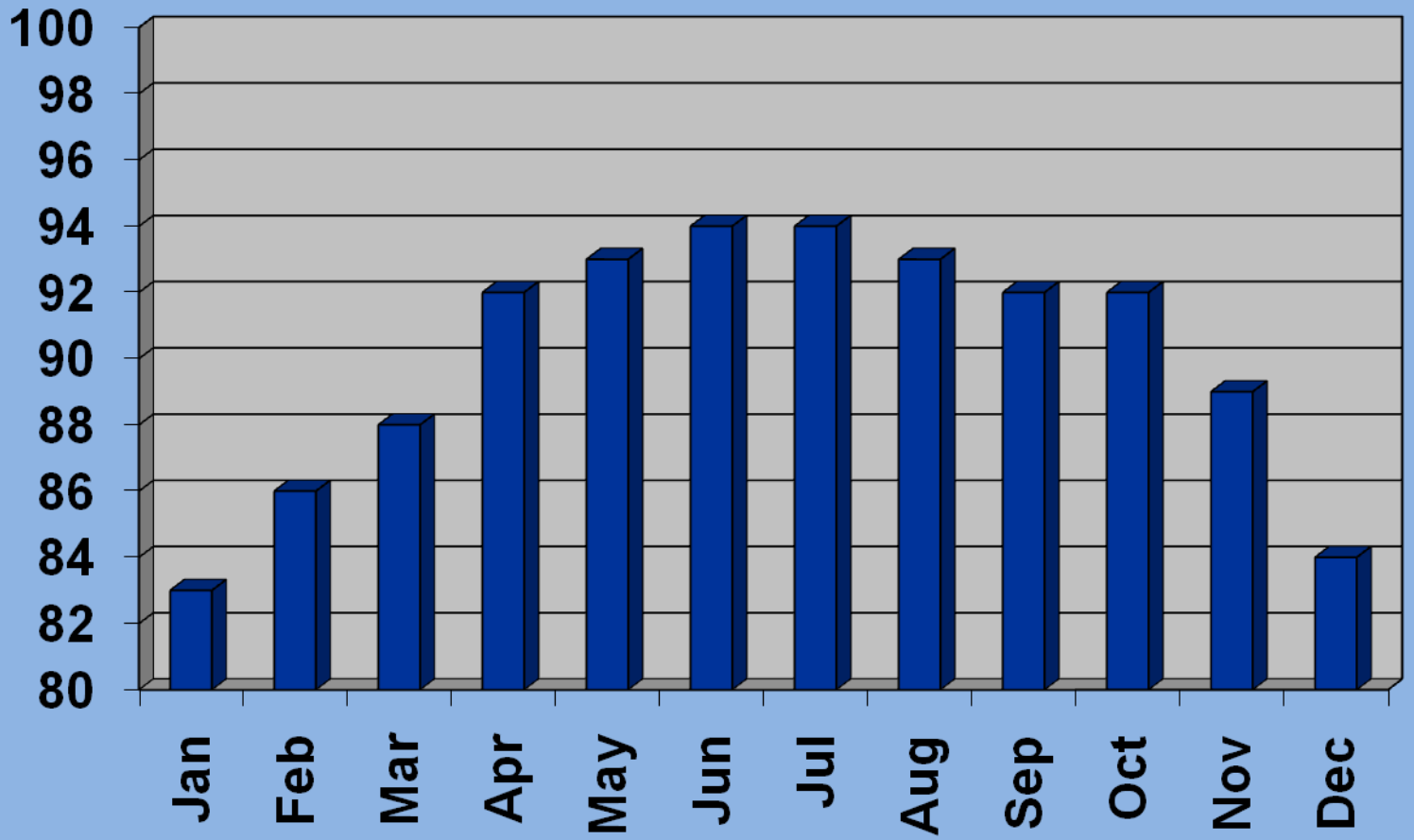
- PMSV
  - 134.1 (KOZR)
  - 243.35 (KLOR)
  - Live forecaster
- WIF
  - 348.8
  - Recorded loop
  - Detailed information about MEF AMDs
  - Hourly updates/void times

PIREPs

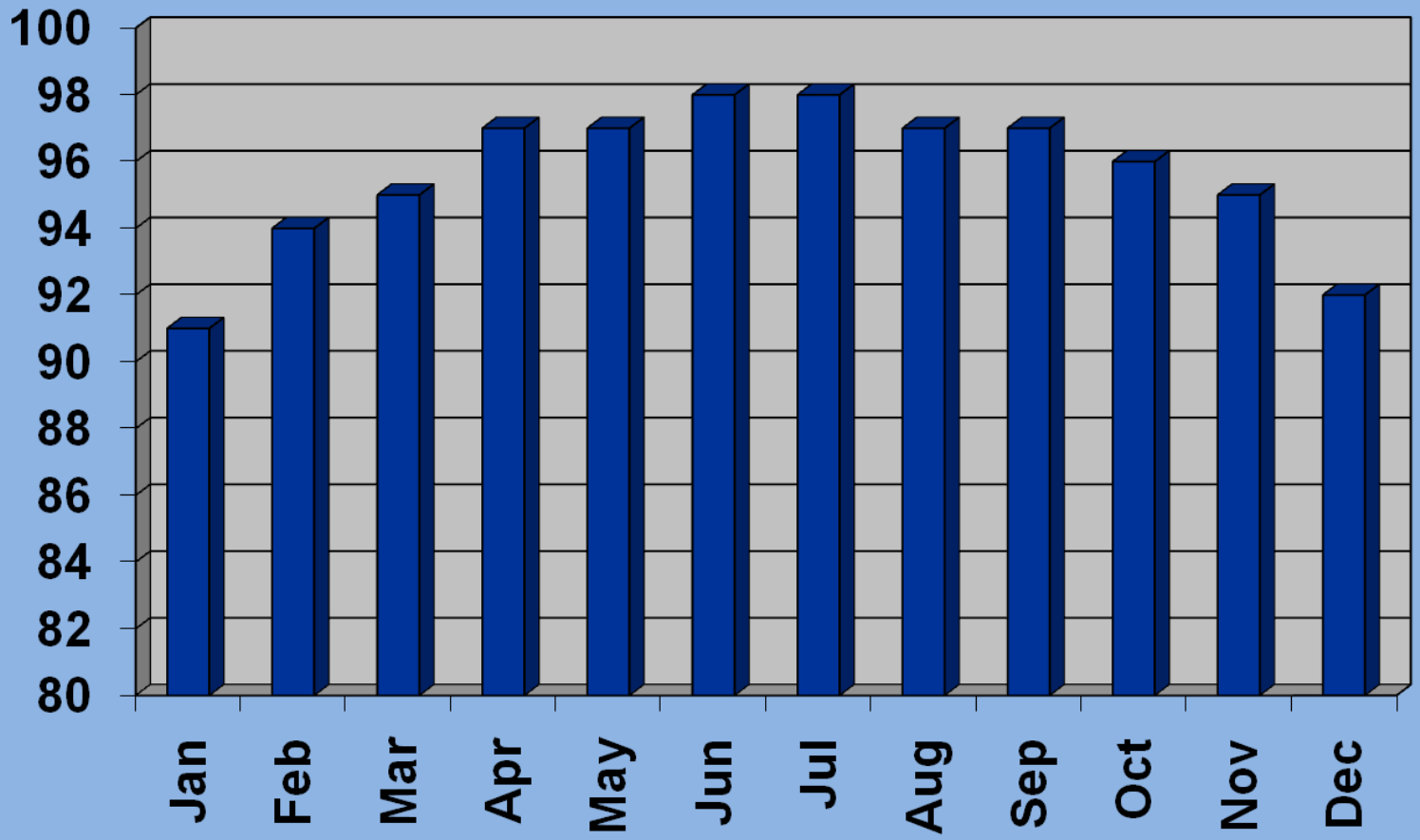


- Critical during poor wx
- Used to amend the MEF/-1
- Used to brief other aircrews
- PMSV Freq: 134.1

Percent ≥ 1000/3



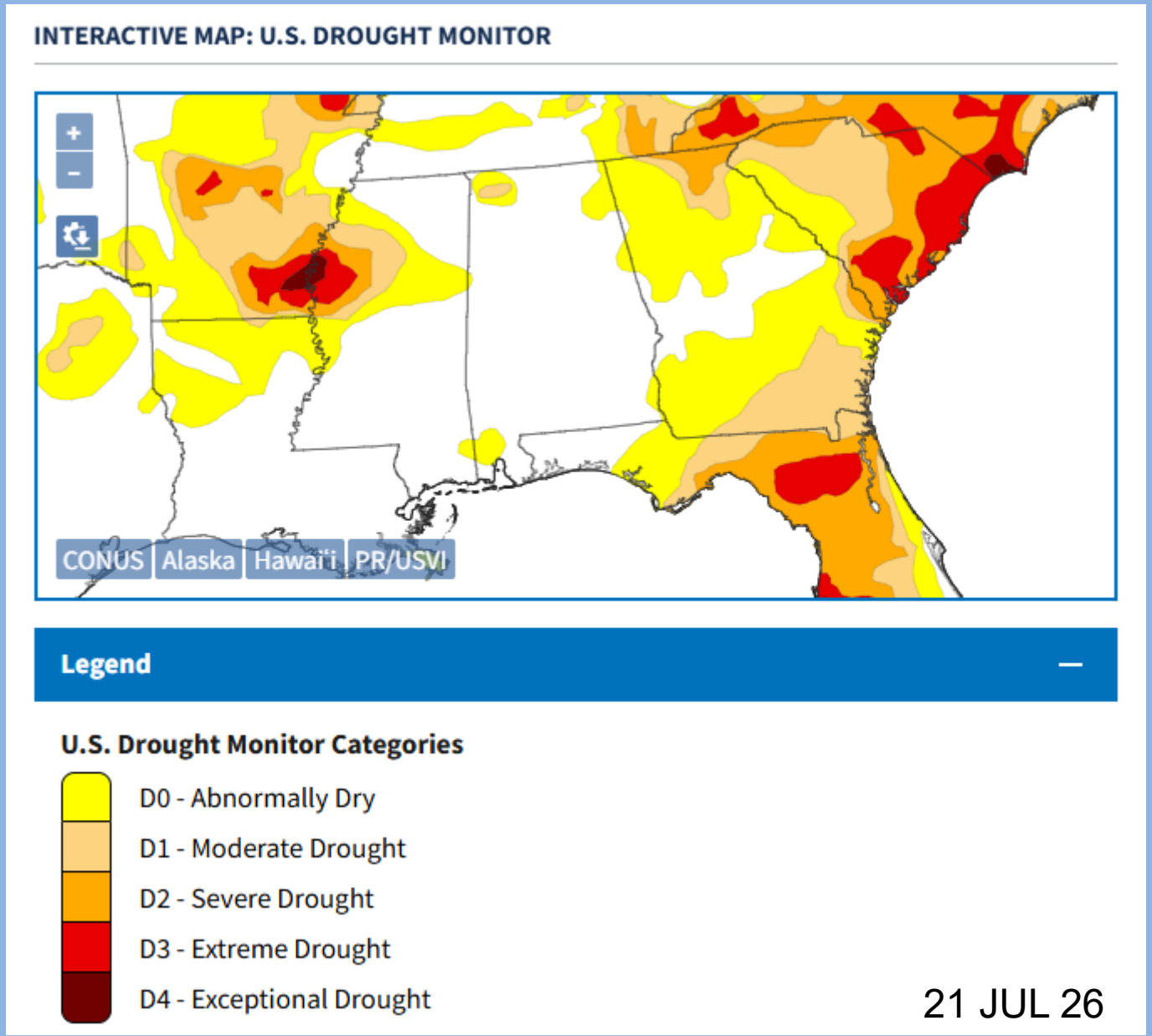
Percent ≥ 500/1



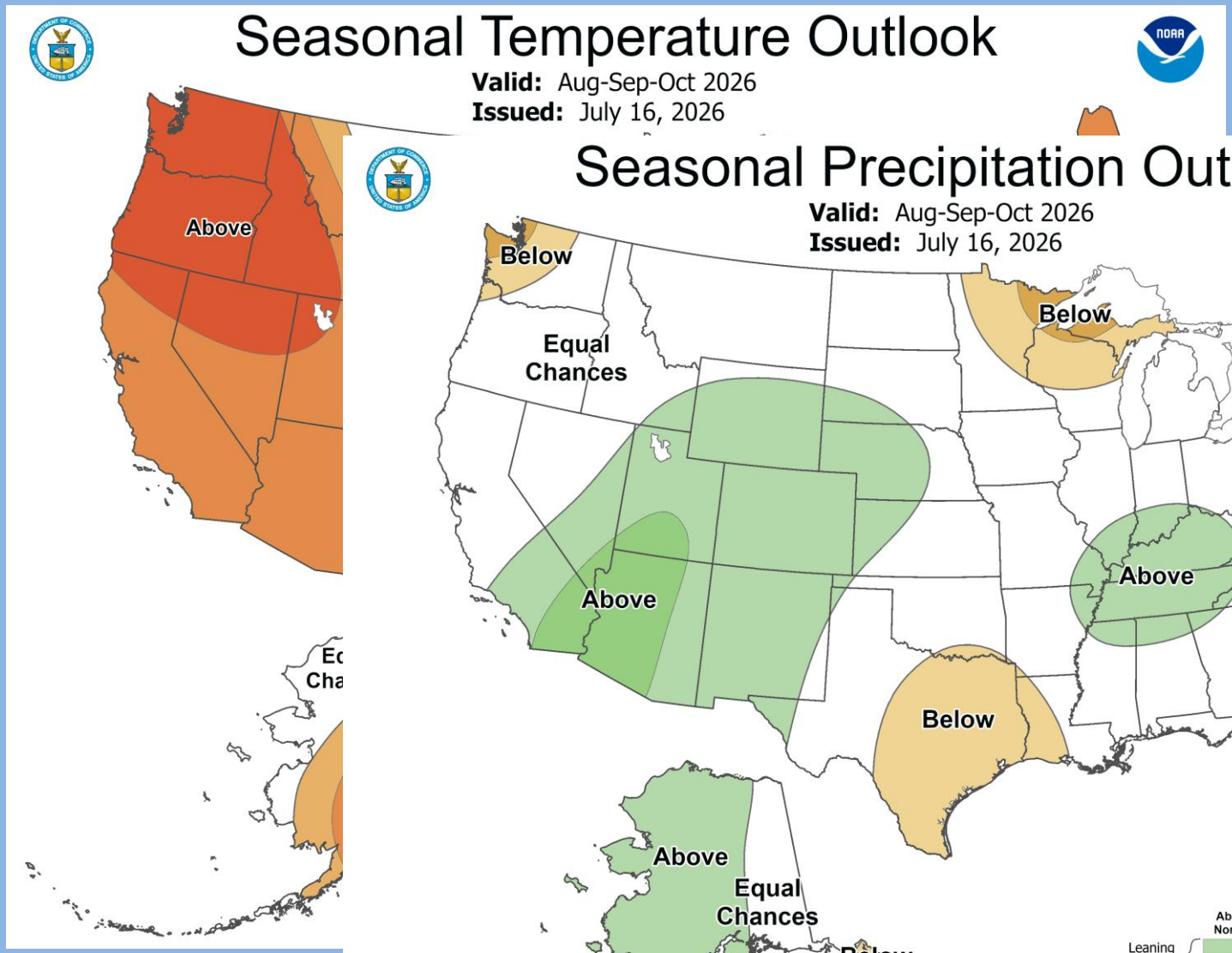
Climatology

	Max Temp	Min Temp	Direction	Speed	Precip
Jan	59	39	N	5	4.79
Feb	63	42	N	5	5.07
Mar	70	48	NW	5	5.62
Apr	78	55	NW	4	4.17
May	**84**	**63**	**NE-E**	**4**	**3.69**
Jun	**89**	**70**	**S-SW**	**4**	**4.85**
Jul	**90**	**72**	**SW**	**4**	**5.19**
Aug	**90**	**72**	**NE-E**	**3**	**4.43**
Sep	86	68	NE-E	3	3.97
Oct	78	56	NE-E	4	3.37
Nov	69	47	N	4	3.50
Dec	62	41	N	5	4.25

Drought Monitor



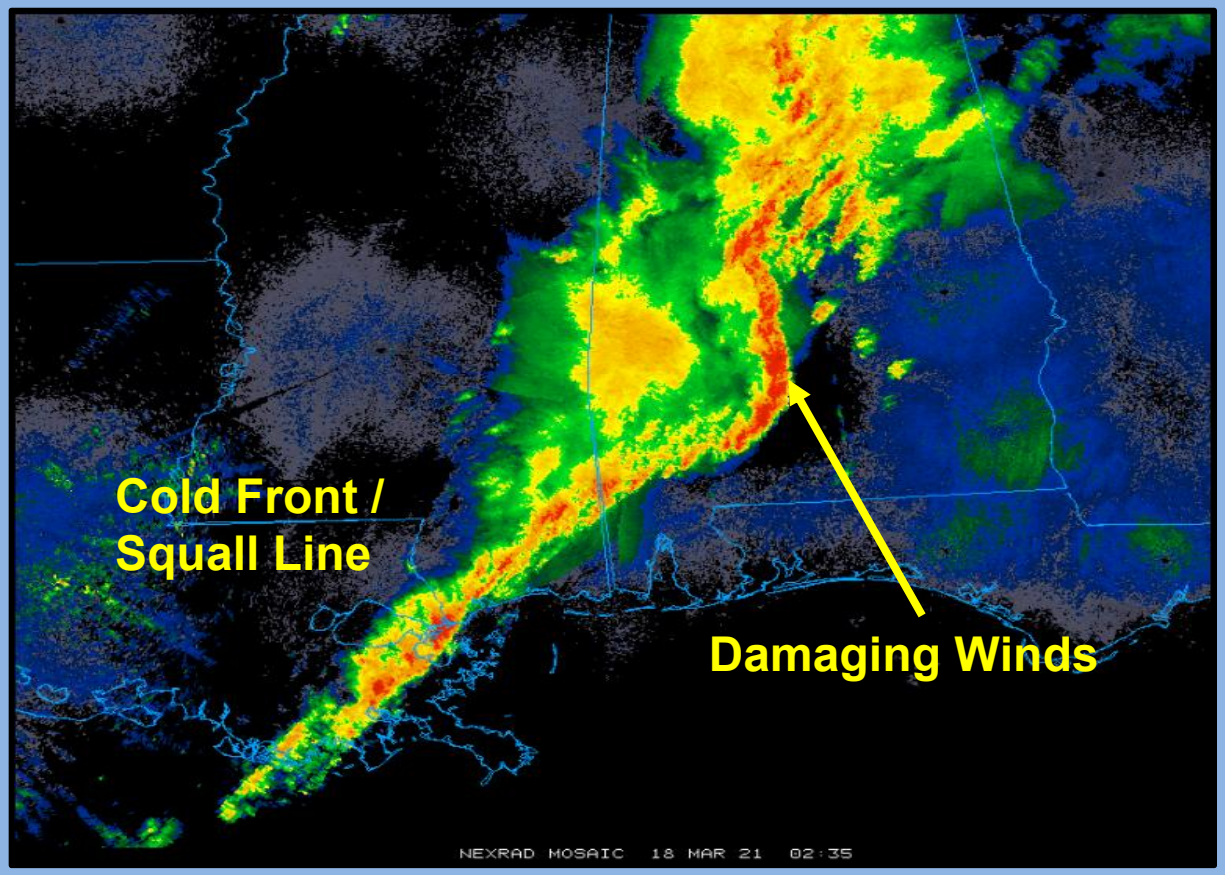
Temp/Precip Outlook A-S-O



Seasonal Weather

- Spring-Summer Patterns
- Spring-Summer Hazards
  - Thunderstorms
  - Turbulence
  - Tornadoes
  - Hurricanes

Spring Patterns

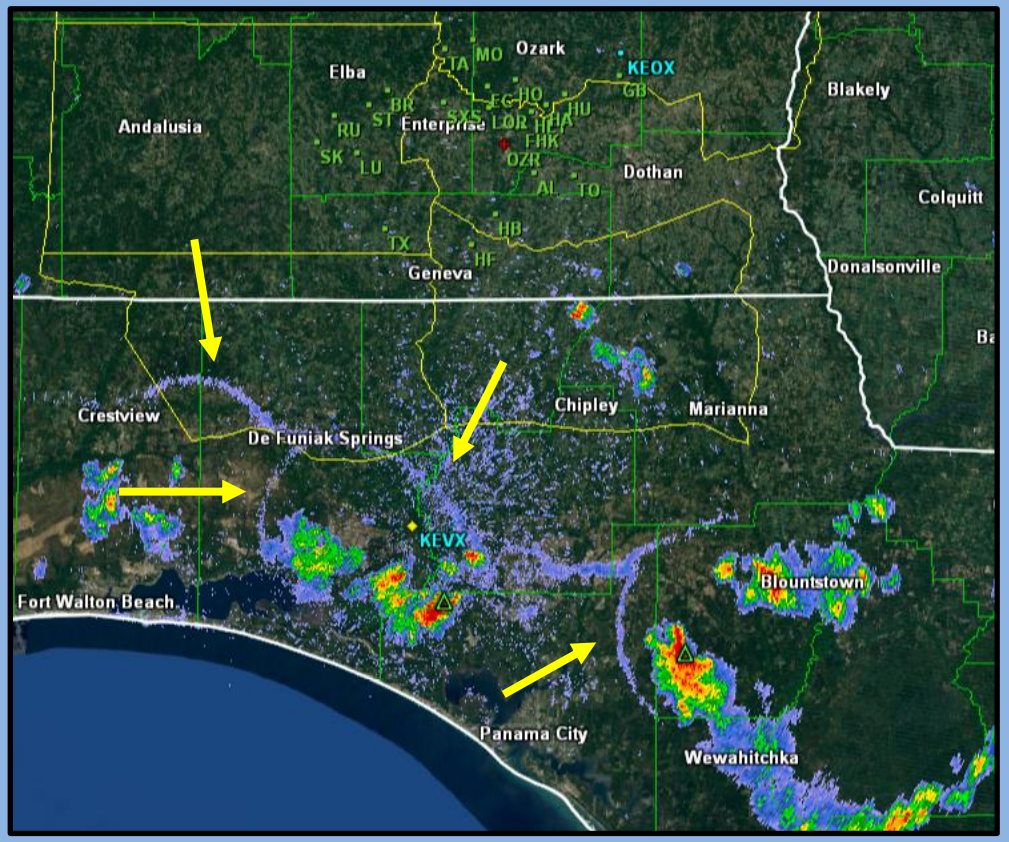


Summer Patterns



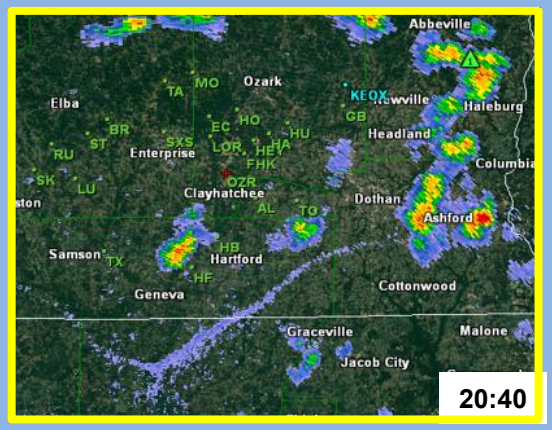


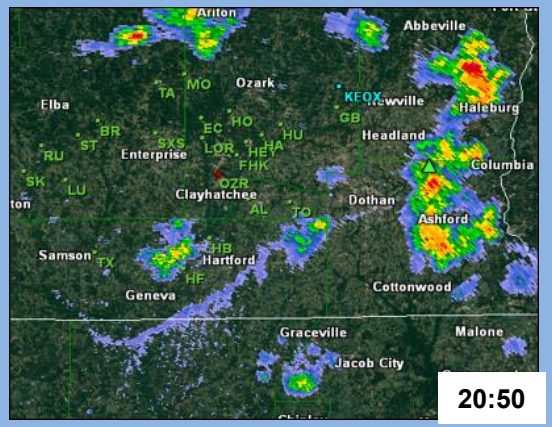
Interactions: Outflow Boundary

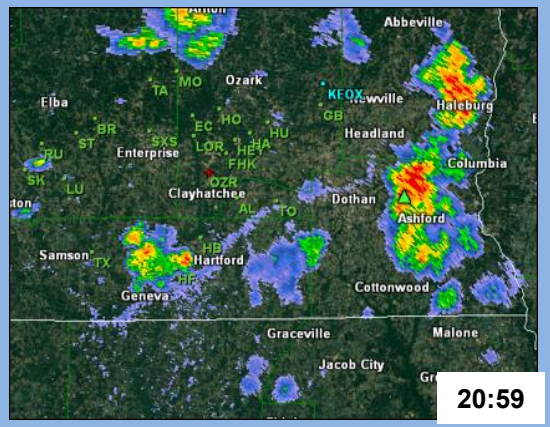


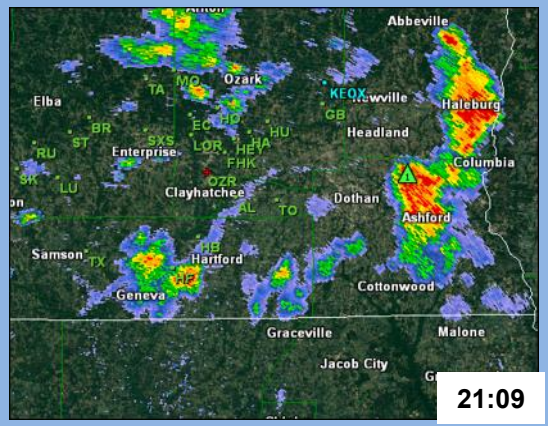
- Dissipating stage of TS
- Focal point for new TS development
- Gusty winds, wind shift, LLWS
- Most Wx Apps, websites filter

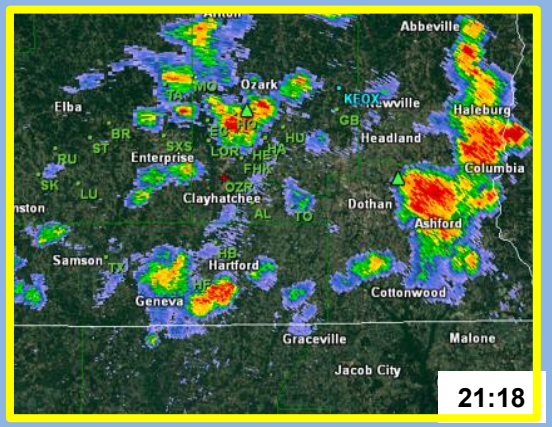
Interactions: Outflow + Merging Cells



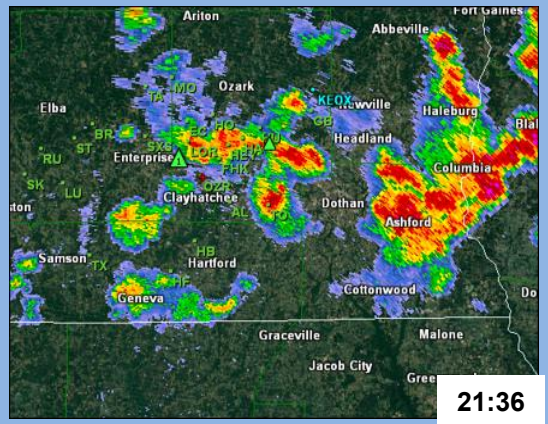


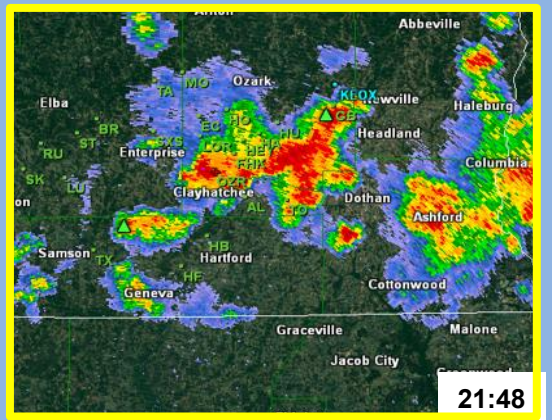






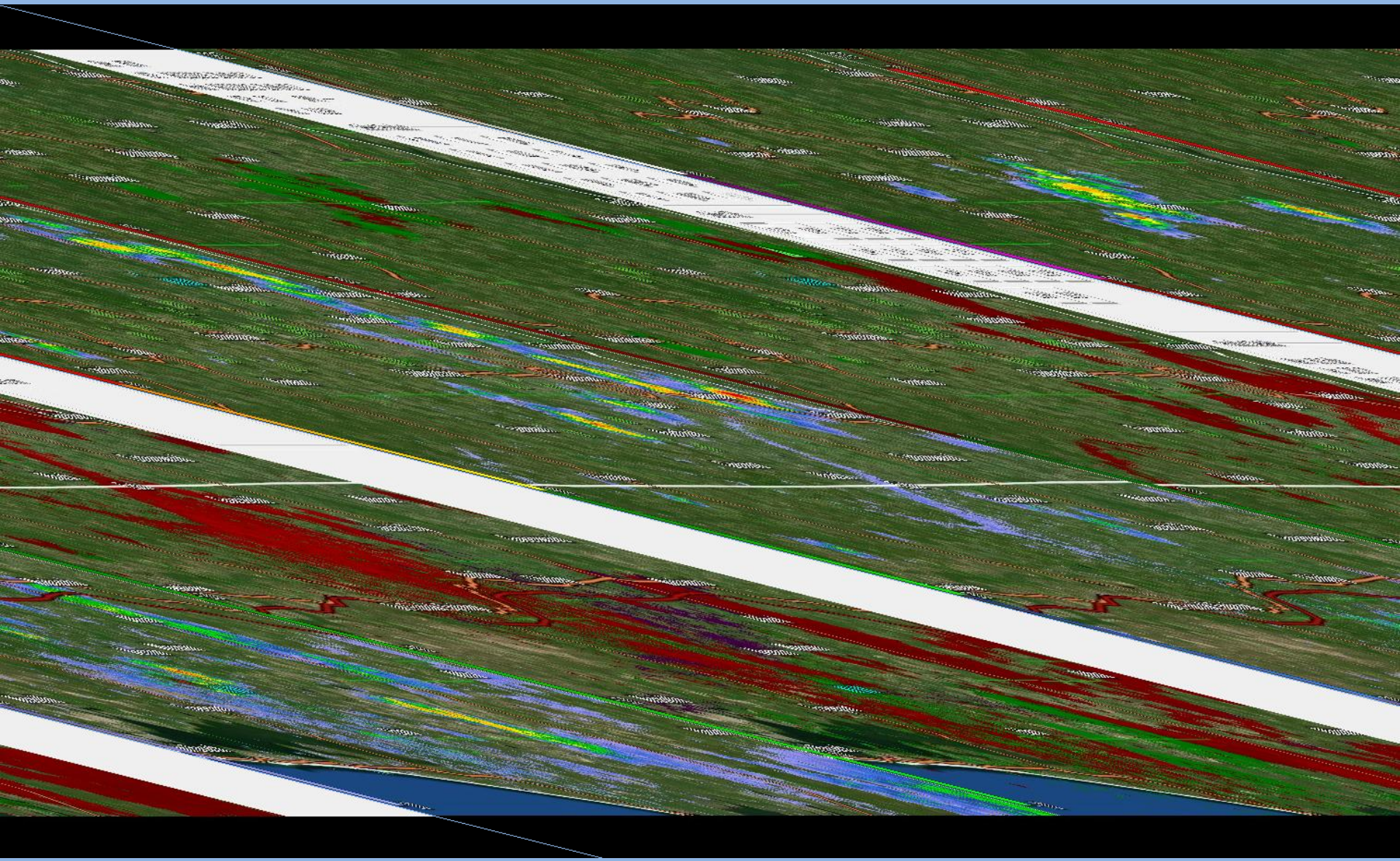




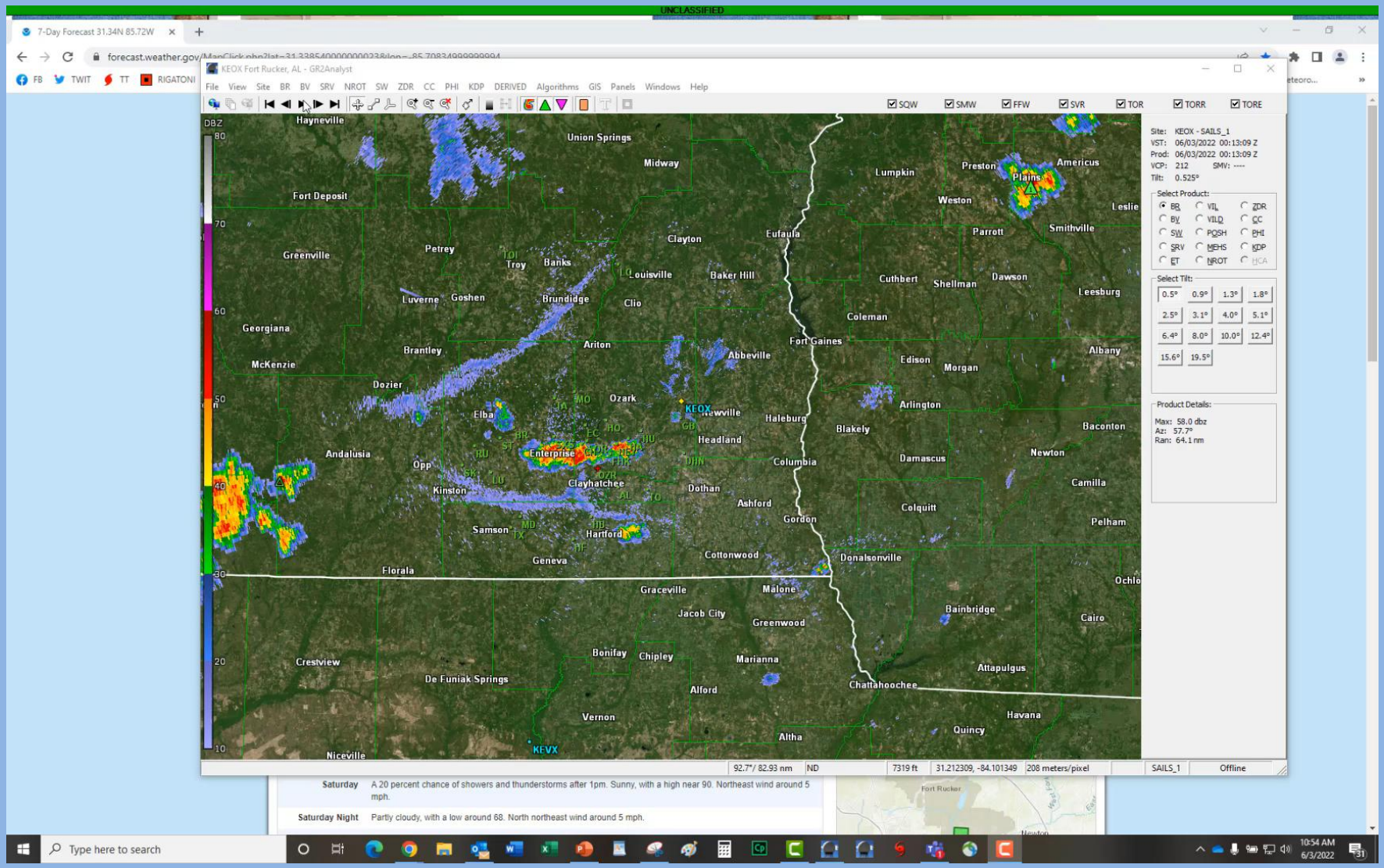


KLOR - 44KTS
KOZR - 59KTS

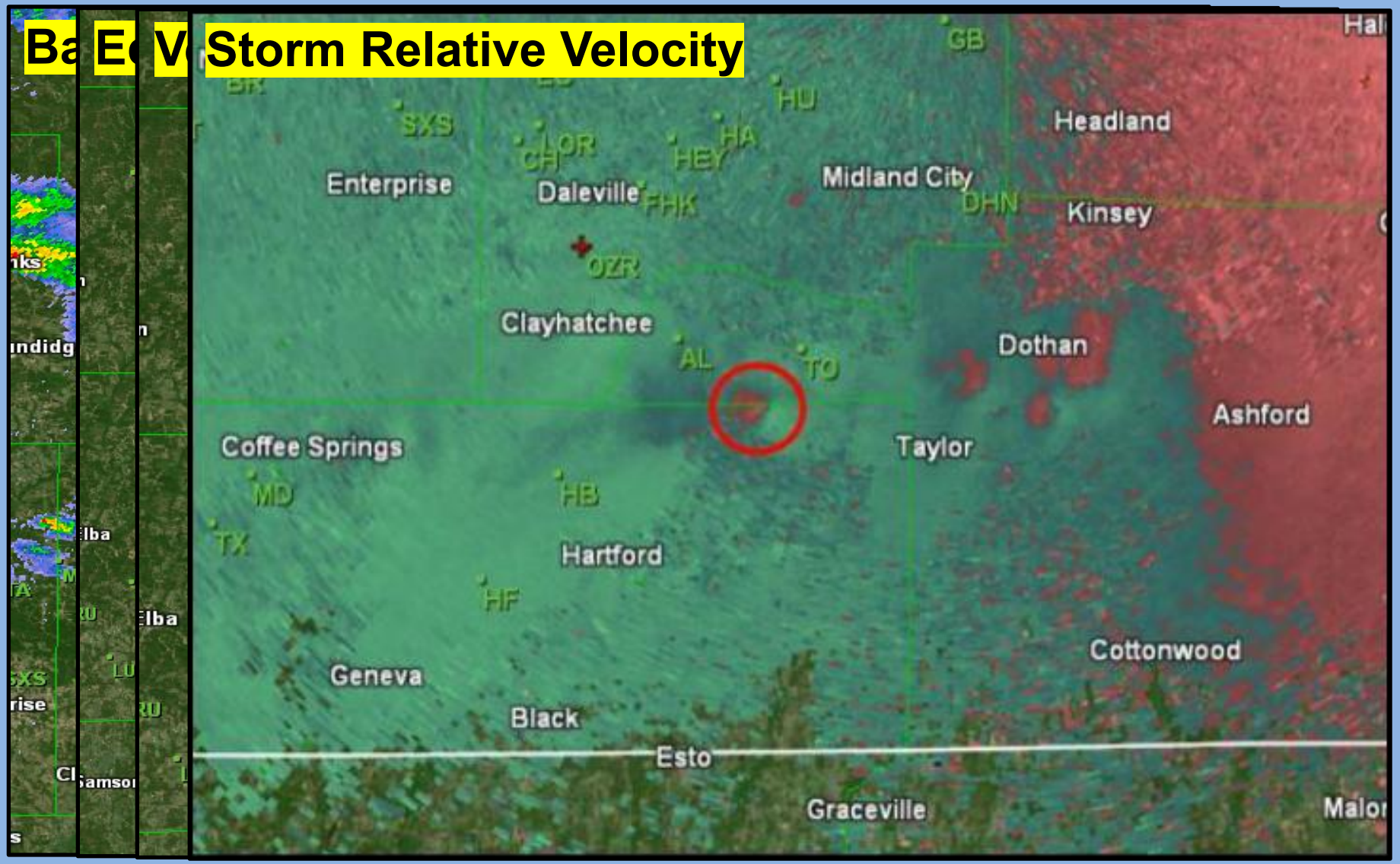
Interactions: Outflow + Merging Cells



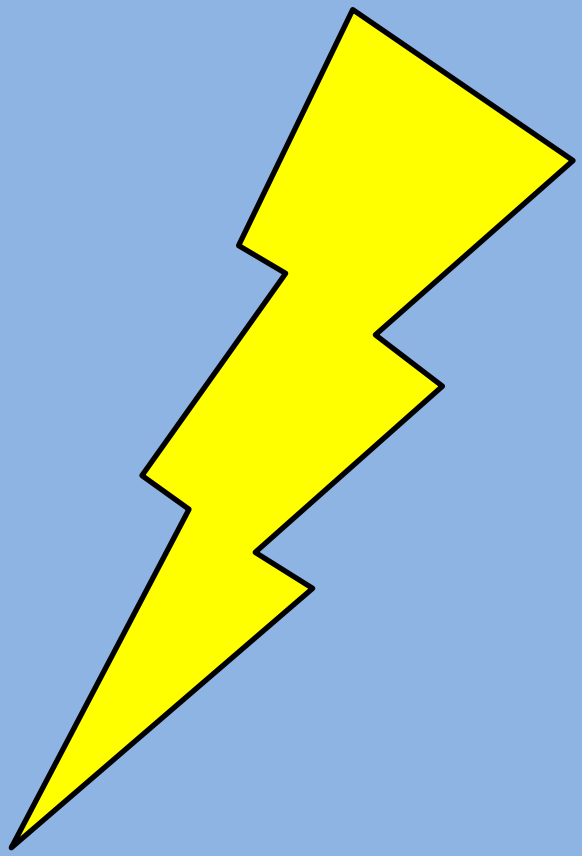
Thunderstorm Interactions



Radar 101


Storm Relative Velocity
Headland
Enterprise
Daleville
Midland City
Kinsey
Clayhatchee
Dothan
Ashford
Coffee Springs
Taylor
Hartford
Cottonwood
Geneva
Black
Esto
Graceville

Thunderstorms



MICROBURSTS

HEAVY PRECIP

SVR ICING

SVR TURBC

LLWS

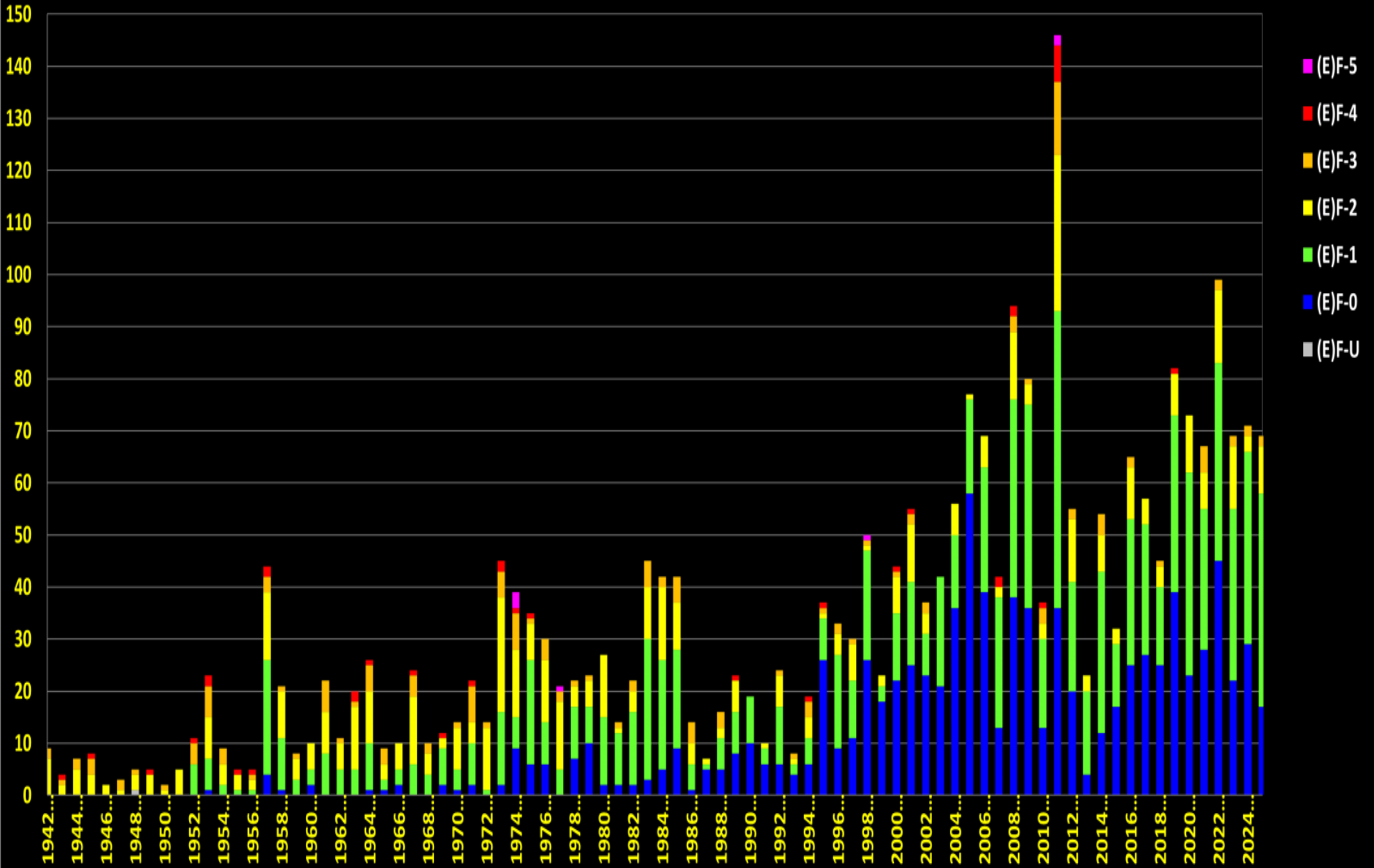
HAIL

LIGHTNING

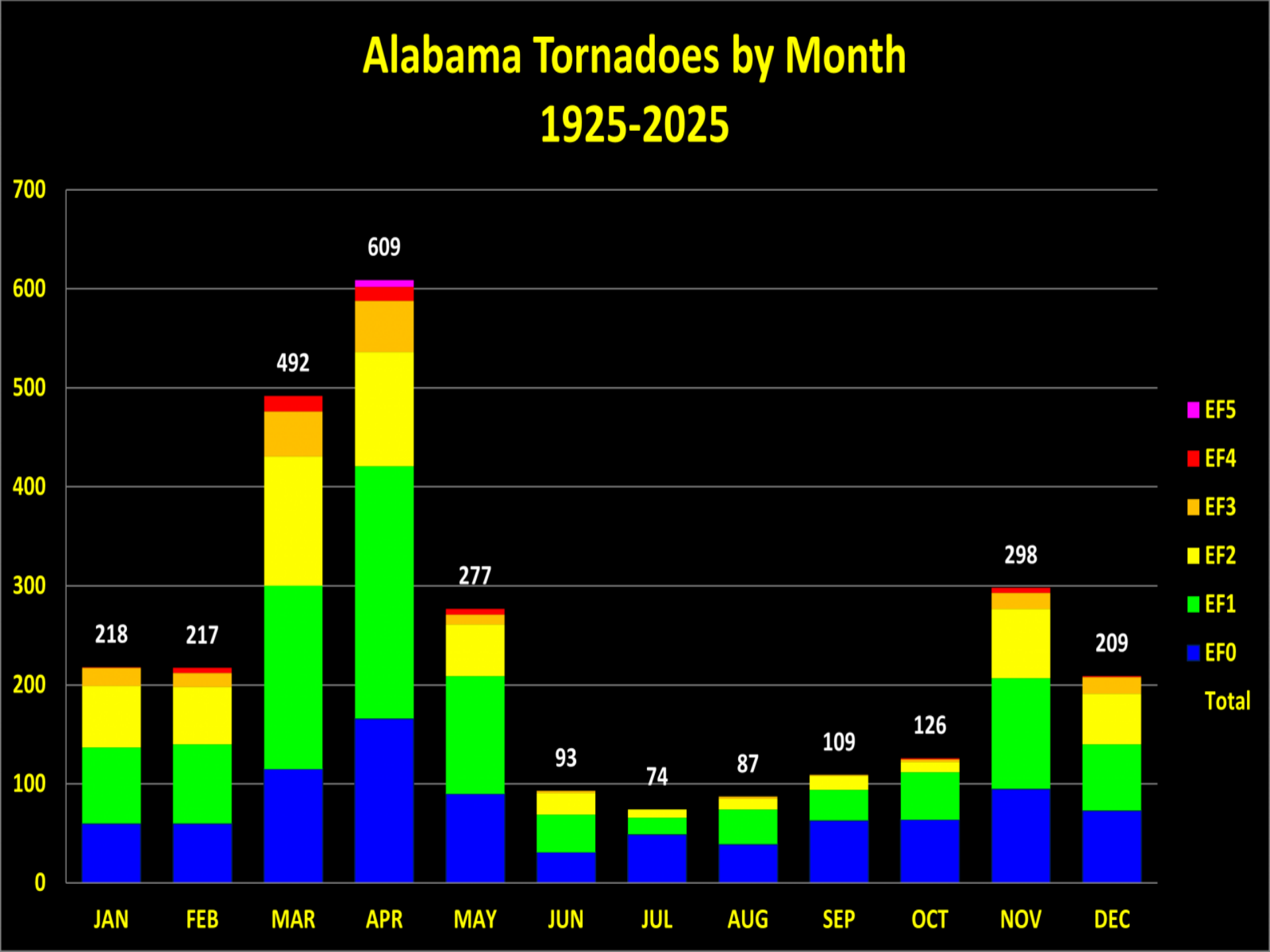
Turbulence

- Thermal turbulence in lowest levels of atmosphere

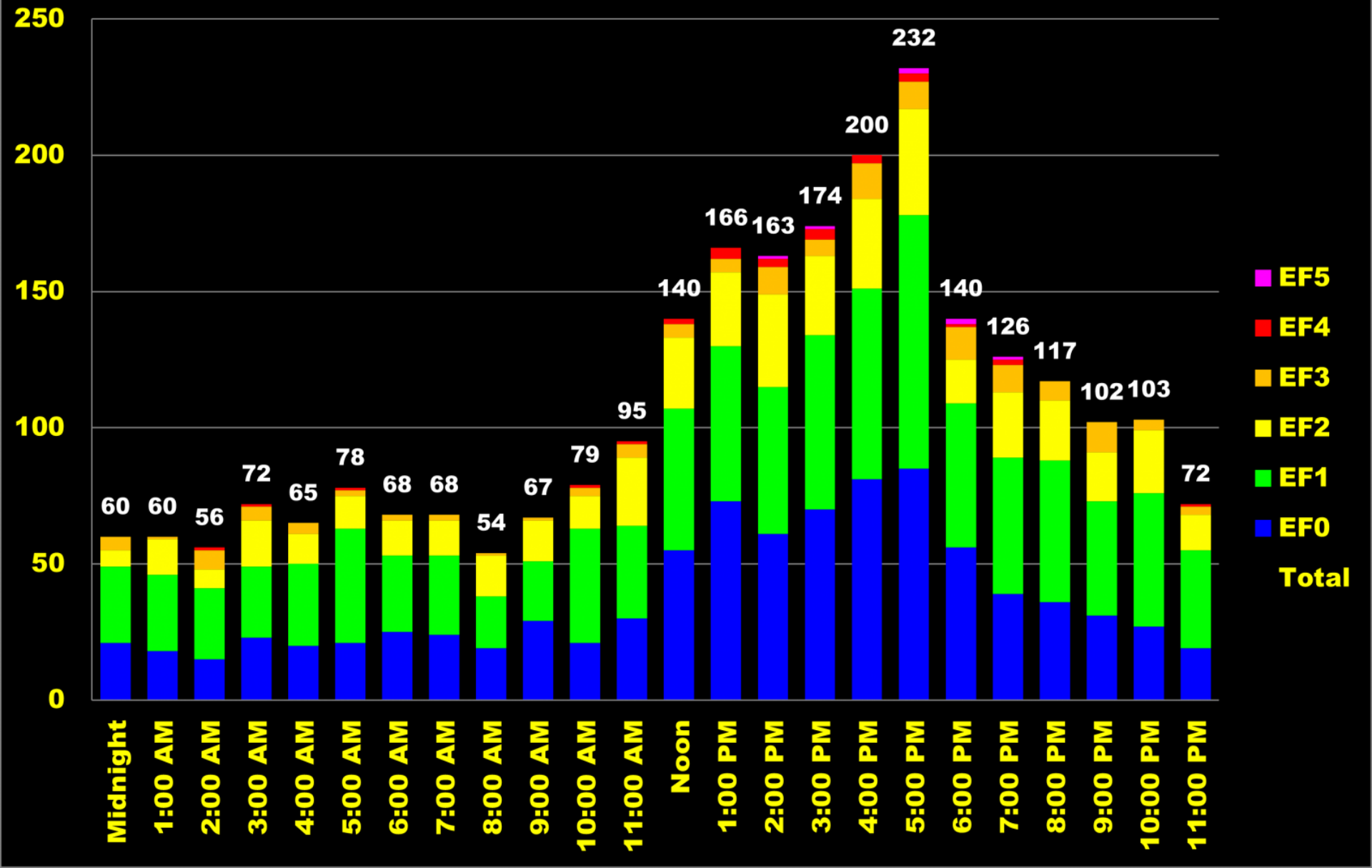
Alabama Tornadoes by Year
1942-2025



Alabama Tornadoes by Month
1925-2025



Alabama Tornadoes by Hour
1925-2025



Hurricanes

- 01 June - 30 November
- The official storm track and intensity provided to DoD by the National Hurricane Center
  - We **cannot** and **will not** deviate
  - Tailor to Ft Rucker

Hurricanes

KOZR	Thu			Fri			Sat			Sun			Mon	Tue	Wed
Forecast	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
CIG	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
TS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
TURBC	R	R	R	R	R	R	G	G	R	R	A	A	A	R	R
VIS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
WINDS	A	R	A	A	A	A	A	R	A	A	A	A	A	G	A

North	Thu			Fri			Sat			Sun			Mon	Tue	Wed
Forecast	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
CIG	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
TS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
TURBC	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
VIS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
WINDS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

East	Thu			Fri			Sat			Sun			Mon	Tue	Wed
Forecast	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
CIG	G	G	G	G	A	G	G	G	G	G	G	G	G	G	G
TS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
TURBC	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
VIS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
WINDS	A	R	A	A	A	R	A	A	A	A	A	A	A	A	A

West	Thu			Fri			Sat			Sun			Mon	Tue	Wed
Forecast	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
CIG	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
TS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
TURBC	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
VIS	G	G	G	G	G	R	G	G	G	G	G	G	G	G	G
WINDS	A	R	A	A	A	A	A	A	A	A	A	A	A	A	A

CIG 1000'	CIG ISOLD IFR	CIGS PREDOM IFR
VIS 3SM	VIS ISOLD IFR	VIS PREDOM IFR
WINDS < 20KTS	WINDS 20-29KTS	WINDS >= 30KTS
TURBC NONE		TURBC MDT
TS NONE		TS MDT/SVR

TROPICAL STORM CINDY 1045L

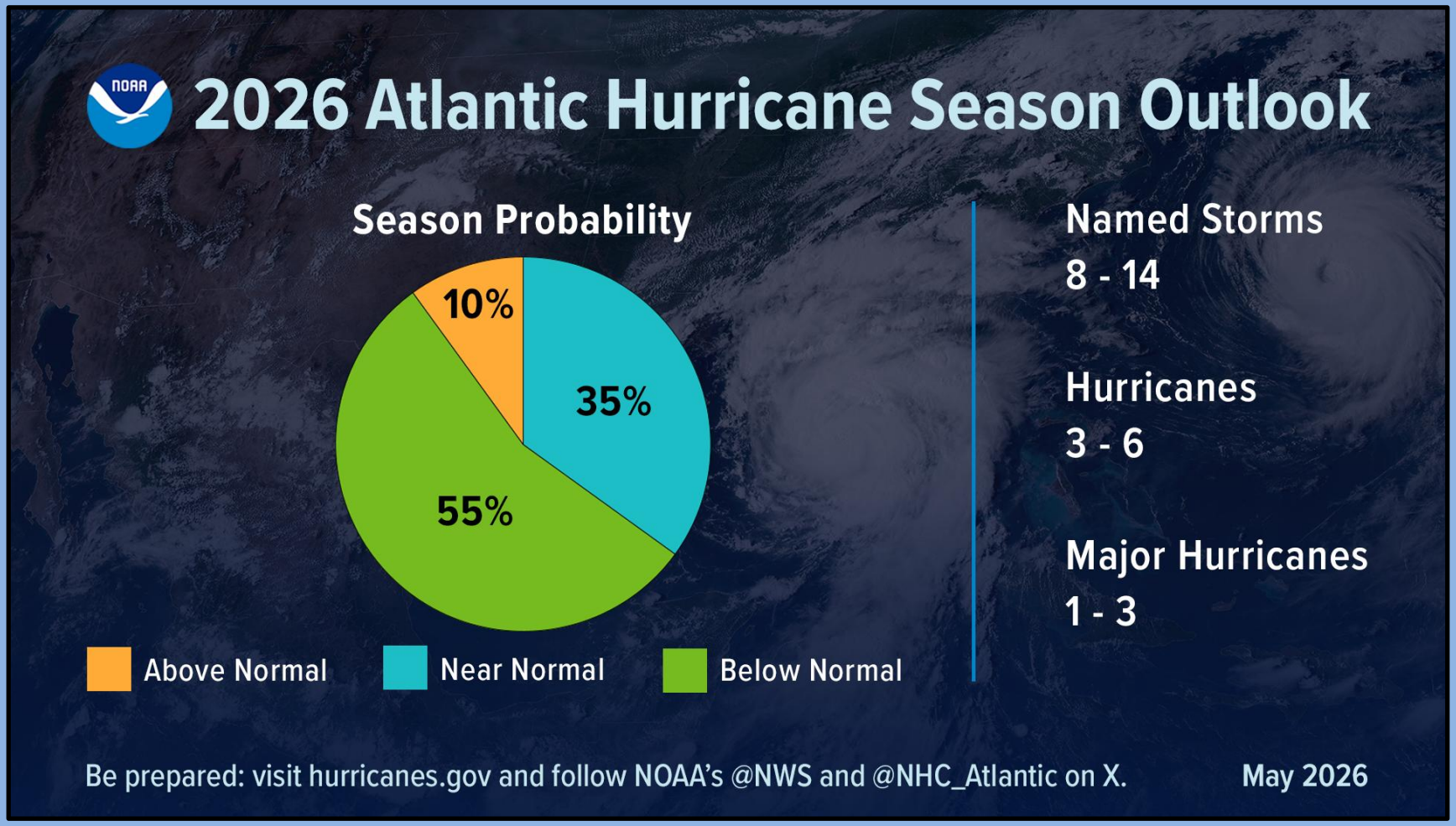
A	A	A	A
WIND	TORNADOES	RAIN	OVERALL

WINDS < 30KTS RAIN < 2" TORNADOES NO	WINDS 30-44KTS RAIN 2-4"	WINDS > 50KTS RAIN > 4" TORNADOES YES

IMPACTS TO INSTALLATION / AIRCRAFT (96 HRS)	
THE STORM WILL IMPACT FT RUCKER:	SUNDAY MORNING - MONDAY AFTERNOON
IMPACTS TO FT RUCKER:	DAMAGING WINDS, HEAVY RAIN/FLOODING, TORNADOES
ONSET/DURATION OF ≥ 34 KT WINDS:	WEDNESDAY @ 13L - THURSDAY - 10L
ONSET/DURATION OF ≥ 50 KT WINDS:	WEDNESDAY @ 16L - THURSDAY - 04L
ONSET/DURATION OF ≥ 64 KT WINDS:	WEDNESDAY @ 22L - THURSDAY - 01L
MAX WINDS EXPECTED:	75KTS WITH GUSTS TO 125KTS
TIME OF MAX WINDS:	WEDNESDAY @ 23L
ONSET OF PRECIPITATION:	WEDNESDAY MORNING
TOTAL RAINFALL EXPECTED:	6 - 8 INCHES
CLOSEST POINT OF APPROACH:	15 MILES

Tropical Overview | 5-Day Cone | Model Track | Model Intesnsity

Hurricanes


2026 Atlantic Hurricane Season Outlook
Season Probability
10%
35%
55%
Above Normal
Near Normal
Below Normal
Named Storms
8 - 14
Hurricanes
3 - 6
Major Hurricanes
1 - 3
Be prepared: visit hurricanes.gov and follow NOAA's @NWS and @NHC_Atlantic on X.
May 2026

Weather Happens.....

Are **YOU** prepared?

Contact Us

- https://home.army.mil/rucker/index.php/weather
- “Like” us on Facebook (ftruckerwx)
- “Follow” us on X and IG (ftruckerwx)
- 134.1 (PMSV) or 348.8 (WIF)
- cindy.l.howell.civ@army.mil (5-8142)
- amanda.l.dixon14.civ@army.mil (5-8272)
- fortruckerweather@army.mil (5-8385/8397)