

Fall & Winter Weather Hazards

Presented by:

OL-C, 18th Combat Wx Squadron

What's New

- New webpage:

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

AVIATION WEATHER

AM PRODUCTS



[AM AMD 2.pdf](#)

[AM-2.pdf](#)

The AM products are issued at 0445L and are valid from 0630-1300L (CST).

PM PRODUCTS



[PM.pdf](#)

[PM-2.pdf](#)

The PM products are issued at 1015L and are valid from 1300-1930L (CST).

What's New

- BIFROST has replaced JET
- Log into BIFROST (<https://bifrost.afweather.mil>) and request account with mil email address
- <https://bifrost.afweather.mil/ui/dashboard/0cee3748-7470-44ff-959b-8544c4594196>

What's New

SHOW ALL KHEY KOZR +

☐ Decoded View

COLUMNS FILTERS DENSITY

Search...

Report

Time

METAR KHEY 091855Z AUTO 09003KT 10SM CLR 21/M01 A3009 RMK AO2 SLP191 T02141006 \$=

2025-04-09T18:55:00Z

METAR KHEY 091755Z AUTO M 10SM CLR 21/02 A3010 RMK AO2 SLP194 T02090022 10209 20061 58013 \$=

2025-04-09T17:55:00Z

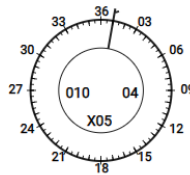
SPFCAL KHEY 091755Z AUTO M 10SM CLR 21/02 A3010 RMK AO2 SLP194 T02090022 10209 20061 58013 \$=

2025-04-09T17:55:00Z

KOZR KOZR FD18 RWY 18 KOZR F

REALTIME TRENDS

Winds



Reporting

▼

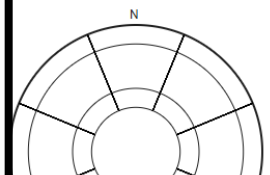
2-min

10-min

1 Hour

2025-08-25T16:21:54Z

+



Dynamic content up to: CUI ⓘ

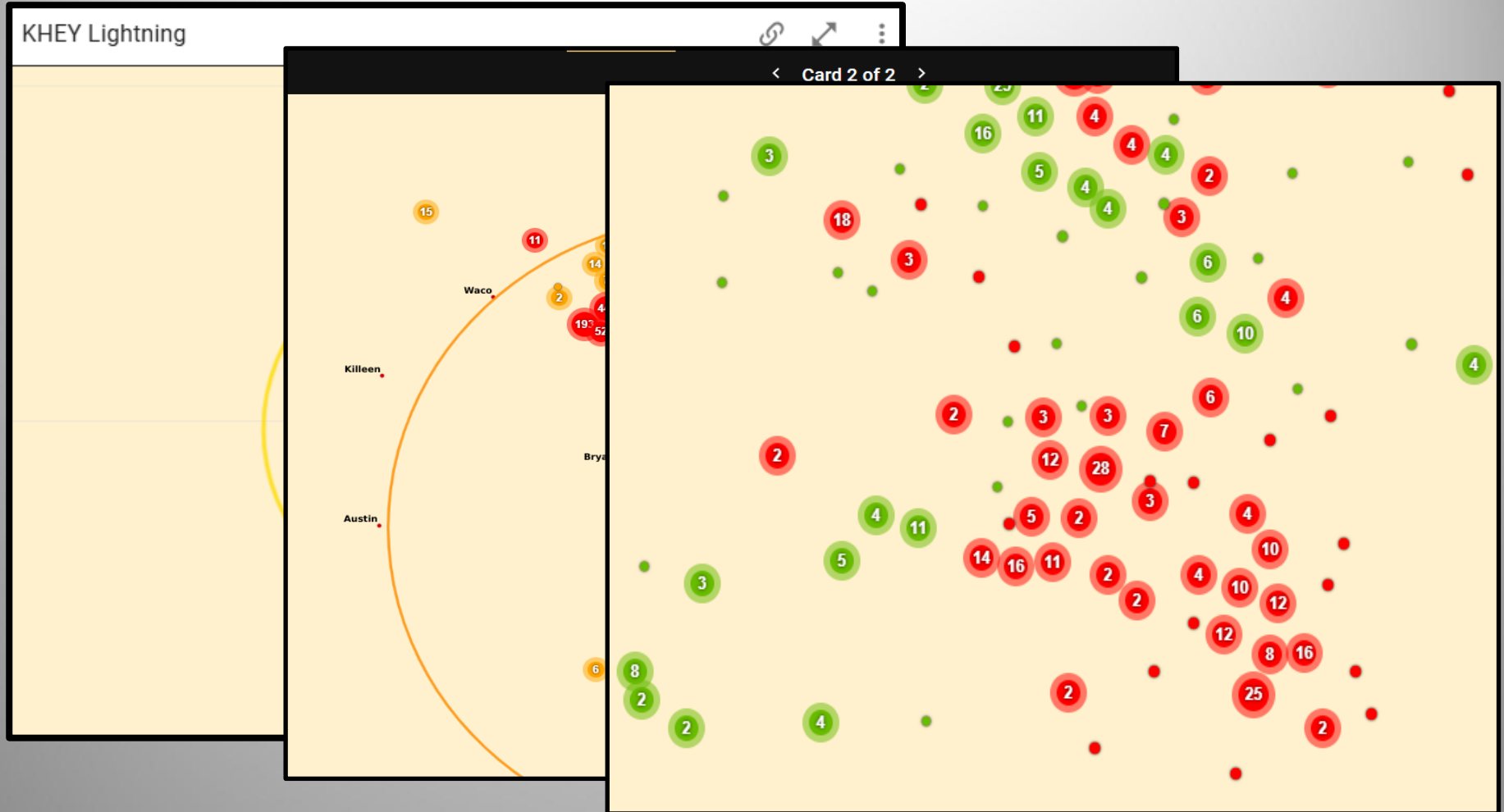
Site	Type	Phenom Group	ID	Forecaster	Valid Time ⓘ
KOZR	ADVISORY	Predominant LIFR (60NM)	01-024	Buchanan, A.	01/28 12:30Z to 01/28 15:00Z
KOZR	ADVISORY	Predominant LIFR (15NM)	01-025	Buchanan, A.	01/28 12:30Z to 01/28 15:00Z
KOZR	ADVISORY	MEF AMD 1	01-026	Buchanan, A.	01/28 12:30Z to 01/28 19:00Z
KOZR	ADVISORY	MEF AMD 2	01-027	Buchanan, A.	01/28 13:30Z to 01/28 19:00Z

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What's New



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

Green: Lightning 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/Forecasting (KOZR)
 - 01L Monday – 01L Saturday, excluding federal holidays
- Contact 26 OWS for after-hours support
 - DSN 331-2651/2652/2653
 - COMM 318-529-2651/2652/2653

OWS Vs Local Wx

26 OWS

- After hours support
- LTG for Point Sites

Local Wx

- MEF/-1/-2
- Forecast/Observed Watches
- Forecast/Observed Warnings
- Forecast/Observed Advisories
- TAF
- Transient Aircraft

Specification/Amendment Criteria

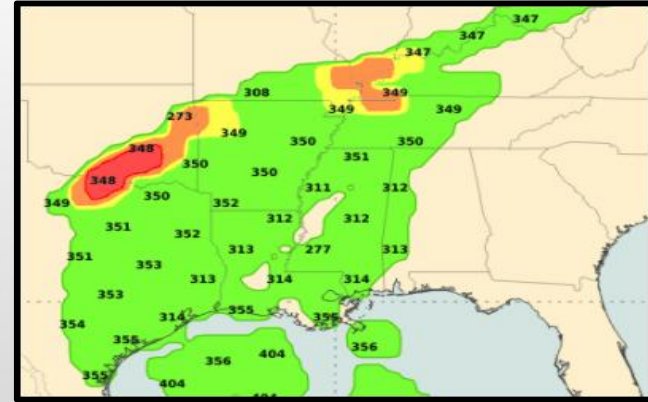
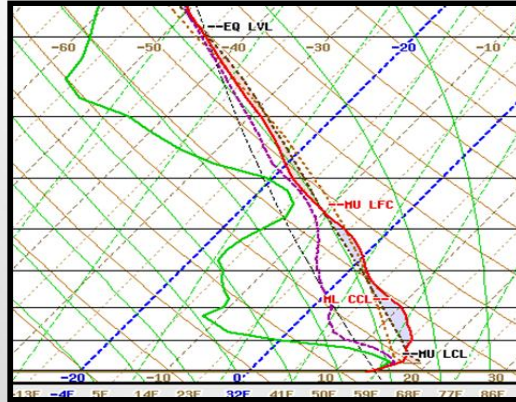
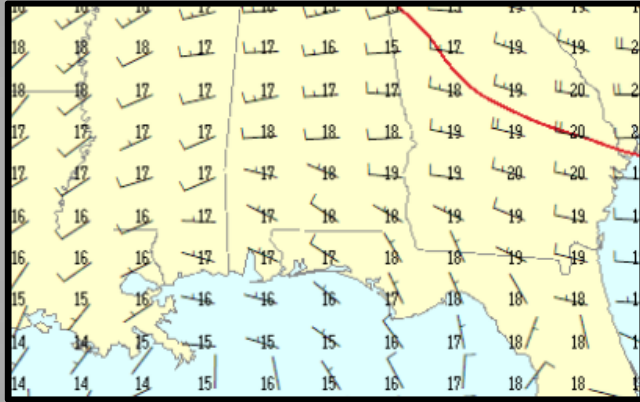
NWS TAF	AF TAF	MEF/-1/-2
$\geq 3000 / 5$	$\geq 1500 / 3$	$\geq 1500 / 3$
$< 2000 / 3$	$< 1500 / 3$	$\geq 1000 / 3$
$< 1000 / 3$	$< 600 / 1 \frac{1}{2}$	$< 1000 / 3$
$< 600 / 2$	$< 200 / 1/2$	$< 800 / 2$
$< 200 / 1/2$		$< 700 / 2$
		$< 600 / 1 \frac{1}{4}$
		$< 500 / 1$
		$< 300 / 1/2$
		$< 200 / 1/4$

- May be AUTO
- No AMD rules
- Non-mil

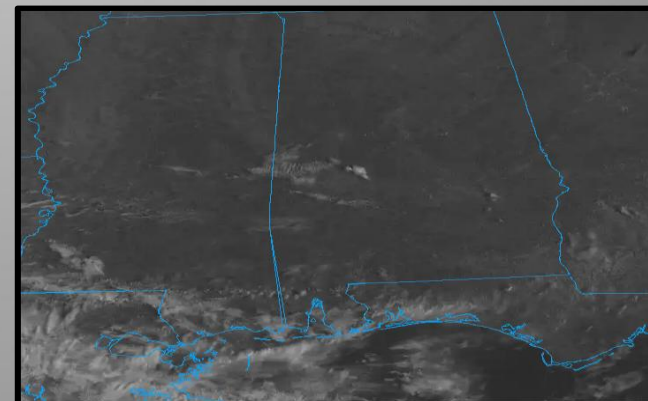
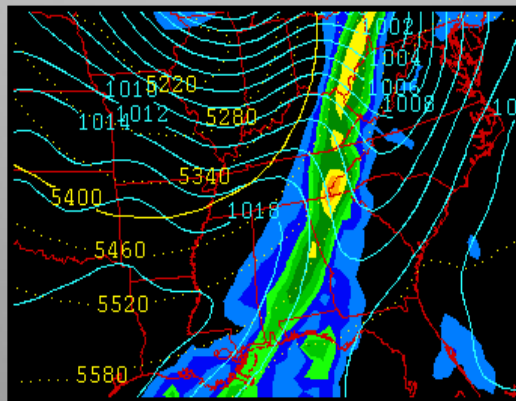
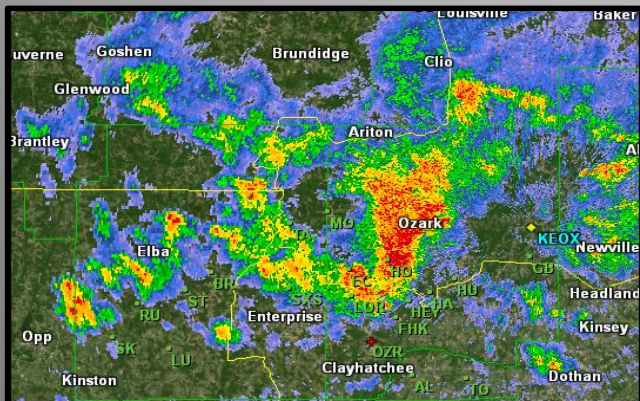
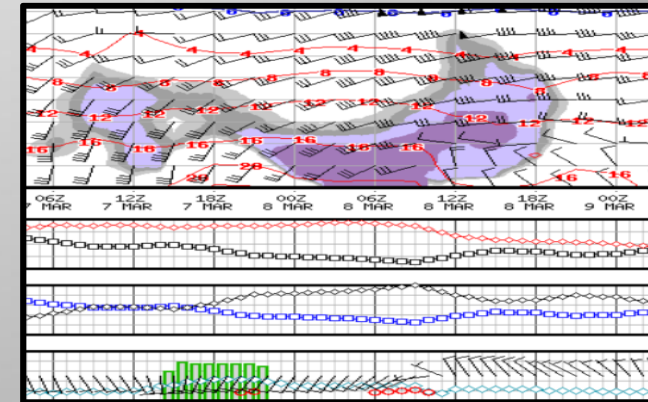
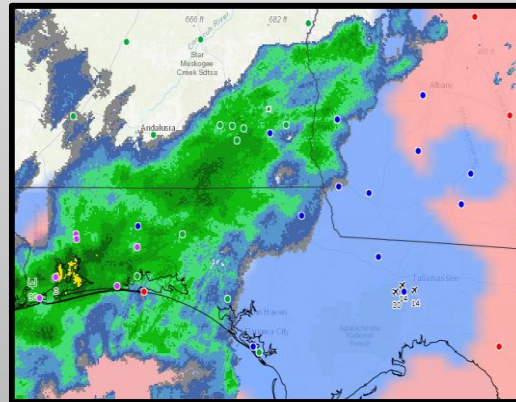
- May be AUTO
- Strict AMD rules
- Low priority

- Strict AMD rules
- High priority
- Tailored to YOU

The Process



KOZR	FT.RUCKER	GFS LAMP	1430 UTC	3/03/2022
UTC	15 16 17 18 19 20 21 22 23 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15			
TMP	62 67 72 75 77 79 80 79 76 70 67 63 61 59 57 55 53 52 50 49 48 47 52 59 66			
DPT	41 41 40 39 38 38 38 40 41 43 44 45 45 45 46 45 45 44 43 43 43 45 47 48			
WDR	33 33 26 24 26 26 26 26 26 27 28 29 29 31 33 34 35 35 36 01 02 03 04 06			
WSP	03 03 03 03 04 04 05 04 03 03 02 01 01 02 01 02 02 02 02 03 03 04 05			
WGS	NG NG			
PPO	0 0			
PCO	N N			
P01	0 0			
PC1	N N			
P06	0 0			
LP1	0 0			
LC1	N N			
CP1	0 0			
CC1	N N			
POZ	0 0			
POS	0 0			
TYP	R R			
CLD	SC SC SC FW FW BK SC BK SC BK SC FW FW FW CL CL CL CL FW FW CL FW			
CTG	8 8			
CCG	8 8			
VTS	7 7			
CVS	7 7			
OBV	N N			



Products

MISSION EXECUTION FORECAST													
DATE:		23-Jun-25		VALID PERIOD:		PM 1800Z-0030Z		FORECASTER INITIALS:				AD	
FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:		KOZR		AREA		SOLAR/LUNAR (LOCAL)					
FLY LEVEL		WIND / TEMP		MAX TEMP (C)		35		36		BMT		0638L EST 2011L	
010		09010 KT / 29 °C		MIN TEMP (C)		29		27		SUNRISE		0546L	
020		09010 KT / 26 °C		MAX DEWPT (C)		21		23		SUNSET		1901L	
030		09010 KT / 23 °C		MIN ALSTG		30.10		30.06		BMT		0912L ECT 2014L	
040		09015 KT / 20 °C		MAX PA (FT)		140		370		MOONRISE		0111L	
050		09015 KT / 18 °C		MAX DA (FT)		2900		3330		MOONSET		1236L	
060		08015 KT / 16 °C		MIN CIG (FT) AGL		NONE		030		AZIMUTH		328 °	
070		08010 KT / 15 °C		MIN VIS (SM)		7		2		ELEVATION		-23 °	
080		08010 KT / 13 °C		MIN WC		NONE		TSRA		ILLUM		%	
FLIGHT HAZARDS W/in 150NM (All heights are MSL, unless otherwise noted)													
TURBULENCE (CAT II)		NONE											
ICING		NONE											
THUNDERSTORMS		AREA		ISOLATED		MT:		420		LOC:		ALL AREAS	
LLWS (AGL)		NONE		AREA		FEW		MT:		450		LOC:	
												S & W AREAS	
AREA FORECASTS (All heights are AGL)												TS COVERAGE	
GOLDFISH		07008KT 7SM SCT040 AFT 1930Z: 07008KT 7SM VCTS SCT040										ISOLATED (1-10%)	
VANGUARD N		07008KT 7SM SCT040 AFT 1930Z: 07008KT 7SM VCTS SCT040										ISOLATED (1-10%)	
VANGUARD C		07008KT 7SM VCTS SCT040 ISOLD 2000-2300Z: VRB20G28KT 2SM TSRA SCT015 BKN030										FEW (11-25%)	
VANGUARD S		07008KT 7SM VCTS SCT040 ISOLD 2000-2300Z: VRB20G28KT 2SM TSRA SCT015 BKN030										FEW (11-25%)	
HAWK		07008KT 7SM SCT040 AFT 1930Z: 07008KT 7SM VCTS SCT040										ISOLATED (1-10%)	
BEARCAT		07008KT 7SM VCTS SCT040 ISOLD 2000-2300Z: VRB20G28KT 2SM TSRA SCT015 BKN030										FEW (11-25%)	
REMARKS:													
NI PLANNING													
FORECAST AREA:		GOLDFISH		VANGUARD N		VANGUARD C		VANGUARD S		HAWK		BEARCAT	
FORECAST CATEGORY/TIMING:		VFR ENT PD		VFR ENT PD		VFR ENT PD		VFR ENT PD		VFR ENT PD		VFR ENT PD	
KOZR MAX TEMP:		29 °C		KOZR MIN ALSTG:		30.10		KOZR MAX PA:		140 FT		T'STORMS: NO	
CONTACT INFORMATION													
FORECASTER PHONE:		PM5V		WIF		SOCIAL MEDIA:		FB: @novovetx X: @flavorvetx					
334-255-8385/8397		134.1 (V)		348.8 (U)		ON THE WEB:		https://accweather.tradoc.army.mil/PRODUCT%20DROP/PM-PDF					
WEATHER WATCHES, WARNINGS, ADVISORIES													
TYPE		NUMBER		VALID TIME		CRITERIA		MAX WIN		MAX HAIL			
WATCH		36-419		1930 Z TH 0830 Z		LIGHTNING POTENTIAL W/in 15NM							

PM FLIGHT WEATHER BRIEFING PM											
T. DATE		250623		T. HORIZON TEMP		T. DEWPOINT		T. PRESSURE ALT		T. VISIBILITY ALT	
		34 °C		21 °C		90		2605			
PART I - TAKEOFF DATA (Valid to 141)											
PART II - ENROUTE & MISSION DATA (All heights are MSL)											
14. FLY LEVEL WIND/TEMP				16. SPACE WEATHER				18. SOLAR/LUNAR (LOCAL)			
010 09010KT / 29 °C 050 09015KT / 18 °C				NO IMPACT MINOR/MOD SEVERE				BMT 0638L ECT 2011L			
020 09010KT / 26 °C 060 08015KT / 16 °C				FREQ X				BMT 0638L ECT 2011L			
030 09010KT / 23 °C 070 08015KT / 15 °C				COP				BMT 0638L ECT 2011L			
040 09015KT / 20 °C 080 08010KT / 13 °C				RAD				BMT 0638L ECT 2011L			
14. OBSERVATIONS AT FLY LEVEL RESTRICTING VISIBILITY											
YES											
16. MINIMUM CEILING - LOCATION											
ISOLD W/in TS 030											
20. TURBULENCE (CAT II)											
NONE											
22. Icing											
NONE											
24. Clouds											
NONE											
26. Precipitation											
NONE											
28. Visibility											
NONE											
30. Wind											
NONE											
32. Barometric											
NONE											
34. Humidity											
NONE											
36. Dewpoint											
NONE											
38. Pressure											
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40. Altitude											
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42. Time											
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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

- Dissemination
 - Web page
 - Post to X & Facebook
 - Email to Ops Section and Mx Section

Keep In Mind.....

FLIGHT HAZARDS W/IN 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**

19. MINIMUM CEILINGS - LOCATION					20. MINIMUM CEILINGS - LOCATION					21. MINIMUM FREEZING LVL - LOCATION				
NRN AREAS					NRN AREAS					NRN AREAS				
050					015					015				
PT AGL					PT AGL					PT AGL				
22. THUNDERSTORMS					23. TURBULENCE (ACFT < 12,500 LBS)					24. WIND				
25. PRECIPITATION					26. WIND					27. WIND				
28. WIND					29. WIND					30. WIND				
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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:		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

How Do I Know If The MEF was AMD/UPD?

AMENDED @ 1415 Z		MISSION EXECUTION FORECAST		UPDATED @ 1615 Z	
DATE: 31-Jan-17		VALID PERIOD: AM 1230Z-1900Z		FORECASTER INITIALS: CH	
FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA:		SOLAR/LUNAR	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C)	KOZR	AREA	BMNT
010	26030 KT / 13 °C	16	18	6	0541L
020	27030 KT / 13 °C	7	6	12	0636L
030	27025 KT / 12 °C	10	12	12	1717L
040	27025 KT / 10 °C	30.09	30.07	12	1812L
050	27025 KT / 8 °C	150	360	12	0856L
060	26025 KT / 5 °C	410	980	12	2108L
070	27025 KT / 3 °C	NONE	NONE	12	267.5 °
080	28025 KT / 2 °C	7	7	12	1.2 °
		NONE	NONE	12	13 %

AM		AMENDED @ 1415 Z		FLIGHT WEATHER BRIEFING		UPDATED @ 1615 Z		AM	
PART I - TAKEOFF DATA (VALID AT 08L)									
1. DATE	2. ACFT TYPE / NO.	3. DEPART / FTD	4. RUNWAY TEMP	5. DEWPOINT	6. TEMP DEV	7. PRESSURE ALI	8. DENSITY ALI		
170131		z	7 °c	4 °c	°c	100 FT		FT	
9. SURFACE WIND		10. CLIMB WINDS		13. WWAS					

BEARCAT	25009KT 7SM BKN010 ISOLD 1530-1900Z: 26015G25KT 1/2SM TSRA OVC008		ISOLATED (1-10%)
AMD 1 @ 1415 Z			
REMARKS:	AMD 1: GOLDFISH NOW VFR. UPDATED TO ADD LIGHTNING WATCH.		



■ MEF AMD Advisory

- WIF
- ATIS
- JET

■ Social Media

- Facebook
- X

■ Flashing sign outside WX

■ Top of MEF/-1

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

FIXED WING FLIMSY																		
DATE: 13-Jan-26		VALID TIME:		1200Z-0000Z		FORECASTER INITIALS: DR												
PART I - TAKEOFF DATA																		
TEMP (°C)		DEW POINT (°C)		ALSTG		PRESSURE ALT												
12Z	-01	12Z	-02	12Z	30.26	12Z	89											
15Z	06	15Z	00	15Z	30.25	15Z	98											
18Z	14	18Z	-03	18Z	30.21	18Z	135											
21Z	15	21Z	-04	21Z	30.14	21Z	199											
PART II - ENROUTE & MISSION DATA (ALL HEIGHTS ARE MSL)																		
WESTERN ROUTE					EASTERN ROUTE													
FL	12Z	15Z	18Z	21Z	FL	12Z	15Z	18Z	21Z									
100	29025/04	28015/04	27015/03	27020/03	100	27020/03	27020/04	27020/03	26020/03									
120	29025/00	29020/00	27020/-01	27020/-02	120	27025/-01	28025/00	27025/00	27025/00									
140	29025/-04	28025/-04	27020/-04	26020/-06	140	27030/-04	28030/-04	28030/-04	28030/-04									
160	28030/-09	27025/-08	26020/-08	26025/-10	160	27030/-08	28030/-08	27030/-08	27030/-08									
180	28030/-13	28025/-12	26020/-12	25025/-14	180	28030/-13	28030/-12	28030/-12	27030/-12									
18. OBSERVATIONS AT FLT LEVEL					19. MINIMUM CEILING AND LOCATION					21. MINIMUM FREEZING LEVEL AND LOCATION								
NO TYPE					025 FT AGL ISOLD EAST RTE					115 FT MSL ENRTE								
22. THUNDERSTORMS					23. TURBULENCE (CAT III)					24. ICING								
X	NONE	AREA	LINE	X	NONE	IN CLEAR	IN CLOUD	X	NONE	RIME	WING	CLAR	X	NONE	CC	RAIN	SNOW	PILLET
	ISOLATED 1-2%				LIGHT				TRACE					LIGHT				
	FEW 3-15%				MODERATE				LIGHT					MODERATE				
	SCATTERED 16-40%				SEVERE				MODERATE					HEAVY				
	NUMEROUS > 40%				EXTREME				SEVERE					SHOWERS				
HAIL, SEV TURB & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED AROUND THUNDERSTORMS					FOUR					FOUR								
LOCATION					LOCATION					LOCATION								
PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)																		
28. AIRPORT	27. VALID TIME	28. SFC WIND	28. VSBY/MEA	30. SKY CONDITION	31. ALSTG													
DEST/ALTN KBFM	1200 0000	VRB06	7	0CT150 BKN220	30.08	KHSA												
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN KGNV	1200 0000	36009	7	0CT030 BKN050 BKN250	30.06	KVQQ,KSGJ												
DEST/ALTN TEMPO	1200 1430		6	SHRA 0CT025 BKN030 OVC100	INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
DEST/ALTN	210 2				INS													
PART IV - CONTACT INFORMATION																		
PMDV: 134.1 (VHF)		PHONE: 334-355-8385/8397		FACEBOOK: /FTRUCKERWIX X: @FTRUCKERWIX		https://www.army.mil/rucker#org-weather												
35. REMARKS:																		
PART V - BRIEFING RECORD																		
38. WX BRIEFED TIME	THIS PRODUCT IS FOR FIXED WING CUSTOMERS ONLY. YOU MUST CALL 255-8385 OR 255-8397 FOR AN UPDATE/VOID TIME TO CONSTITUTE A LEGAL FLIGHT WEATHER BRIEFING.																	
1200Z Z																		
FLIMSY (FIXED WING ONLY)																		

Products

FLIGHT WEATHER BRIEFING											
PART I - TAKEOFF DATA											
1. DATE (YYYYMMDD) 20251001	2. ACFT TYPE / NO. BE20 PAT166	3. DEP PT / ETD KOZR /1200 z	4. RUNWAY TEMP 18 °C	5. DEWPOINT 17 °C	6. TEMP DEV °C	7. PRESSURE ALT 265 ft	8. DENSITY ALT ft				
9. SURFACE WIND 03008	10. CLIMB WIND		11. WWAS			12. RCR SEE OPS					
13. REMARKS / TAKEOFF ALTN FCST 7SM FEW025 SCT060 SCT110											
PART II - ENROUTE & MISSION DATA											
14. FLT LEVEL/WIND/TEMP						15. SPACE WEATHER			16. SOLAR / LUNAR		
FL 200: 31020V-09 KOZR - N AL						NO IMPACT			DMNT 0543L All Times Local		
FL 200: 03020V-11 N AL - KHUF						FREQ X			SR 0640L MR 0733L		
FL 190: 03020V-08 KHUF - S AL						GPS X			SS 1650L NS 1735L		
FL 190: 31015V-06 S AL - KOZR						RAD X			DEMT 1747L ILLUM 2%		
17. CLOUDS AT FLT LEVEL						18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY					
YES ☐ NO ☒ IN AND OUT						NO TYPE					
19. MINIMUM CEILING - LOCATION ISOLD AL - TN 110 FT AGL						20. MAXIMUM CLOUD TOPS - LOCATION ISOLD AL - TN 140 FT MSL			21. MINIMUM FREEZING LVL - LOCATION ENROUTE 140 FT MSL		
22. THUNDERSTORMS				23. TURBULENCE				24. ICING			
CHART: FCSTR				CHART: FCSTR				CHART: FCSTR			
NONE AREA LINE				NONE IN CLEAR IN CLOUD				NONE RIME MIXED CLEAR			
ISOLATED 1-2%				LIGHT X X				TRACE			
FEW 3 - 10%				MODERATE				LIGHT			
SCATTERED 16 - 40%				SEVERE				MODERATE			
NUMEROUS > 40%				EXTREME				SEVERE			
HAIL, SEV TURB & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN NEAR THUNDERSTORMS				LEVEL X 120-180				LEVEL			
LOCATION				LOCATION X AL - TN				LOCATION			
25. PRECIPITATION											
NONE DZ RAIN SNOW PELLET											
FREEZING LOCATION											
PART III - AERODROME FORECASTS											
26. AERODROME	27. VALID TIME	28. SFC WIND	29. VISBY/VIS	30. SKY CONDITION			31. ALSTG	HWY TEMP	PRES ALT		
DEST/ALTN KHUF	1430 1530 z	07008	7	SCT220			30.12 °C	21 °C	406 ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN KOZR	1730 1830 z	03008	7	SCT060 SCT110			29.98 °C	27 °C	247 ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
DEST/ALTN	z TO z						°C	°C	ft		
PART IV - COMMENTS/REMARKS											
32. BRIEFED RSC/RCR	YES	X	NOT AVAILABLE	33. PMSV V- 134.1 (METRO) U- 348.8 (WIF)			34. ATTACHMENTS		YES	X	NO
35. REMARKS:											
CALL KOZR FOR UPDATE: DSN 558-8385 C334-255-8385. https://www.army.mil/rucker#org-weather YOUR SERVICING OWS IS: 26 OWS DSN 331-2651/2652 C318-529-2651/2652.											
PART V - BRIEFING RECORD											
36. WX BRIEFED TIME		37. FLMJSY BRIEFING #		38. FORECASTER'S INITIALS		39. NAME OF PERSON RECEIVING BRIEFING					
E 10:00 z				AD		ANDERSEN					
40. VOID TIME		41. EXTENDED T/INITIALS		42. WX REBRIEF TIME/INITIALS		43. WX DEBRIEF TIME/INITIALS					
E 11:30 z											

Products

7-DAY OUTLOOK: 09 DEC - 15 DEC

	M			T			W			T			F	S	S
	AM	PM	N1	AM	PM	N1	AM	PM	N1	AM	PM	N1			
Ceiling	Green	Yellow	Red	Red	Yellow	Red	Red	Green	Green	Green	Green	Green	Green	Green	Green
Visibility	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Surface Wind	Yellow	Yellow	Green	Yellow	Yellow	Green	Red	Red	Green	Green	Green	Green	Green	Green	Green
Turbulence	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Icing	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
Thunderstorms	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
High Temp	22			24			14			13			15	17	19
Low Temp	17			8			1			1			5	7	8

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

Prepared by: Cindy L Howell

Lots of colors on the board this morning! A few light showers have already moved into the area, and more are on the way. Cigs are mainly VFR for now, but by 21Z or so, cigs will drop, and showers continue. The N1 will be a wash with IFR cigs and more rain. Tomorrow will probably be the worst day of the week. I think IFR cigs stick around all day, and rain will be heavy at times. Surface winds will be gusty once again. Rain should finally exit by mid-day Wednesday, but winds will be stiff behind the front, gusting up to 30kts. Cigs should improve as the day progresses. The rest of the week looks A-OK, but another front moves in this weekend.

Posted Daily!

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

Services



Services

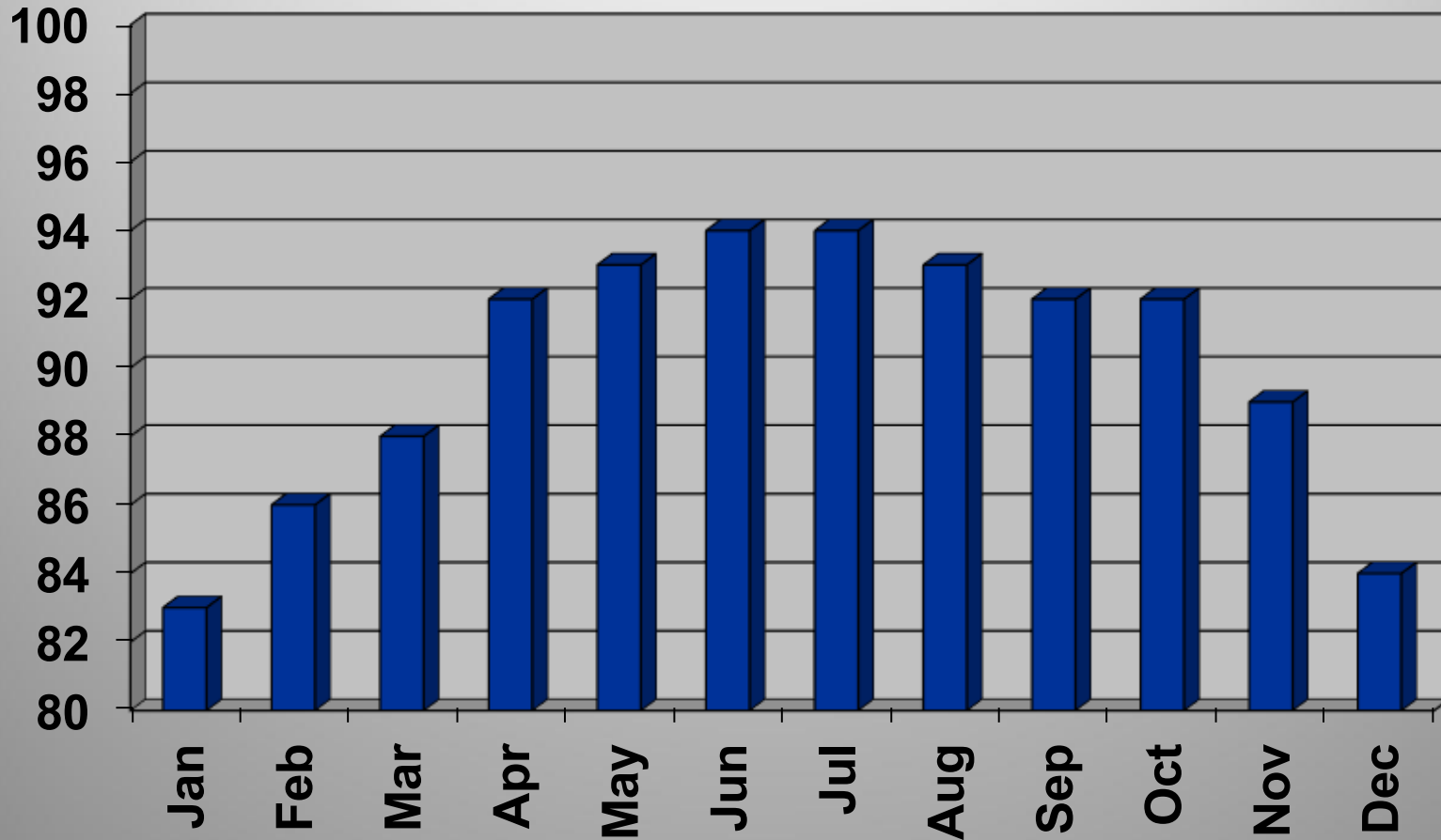
- PMSV
 - 134.1 (KOZR)
 - Live forecaster
- WIF
 - 348.8
 - Recorded loop
 - Detailed information about MEF AMDs
 - Hourly updates/void times

PIREPs

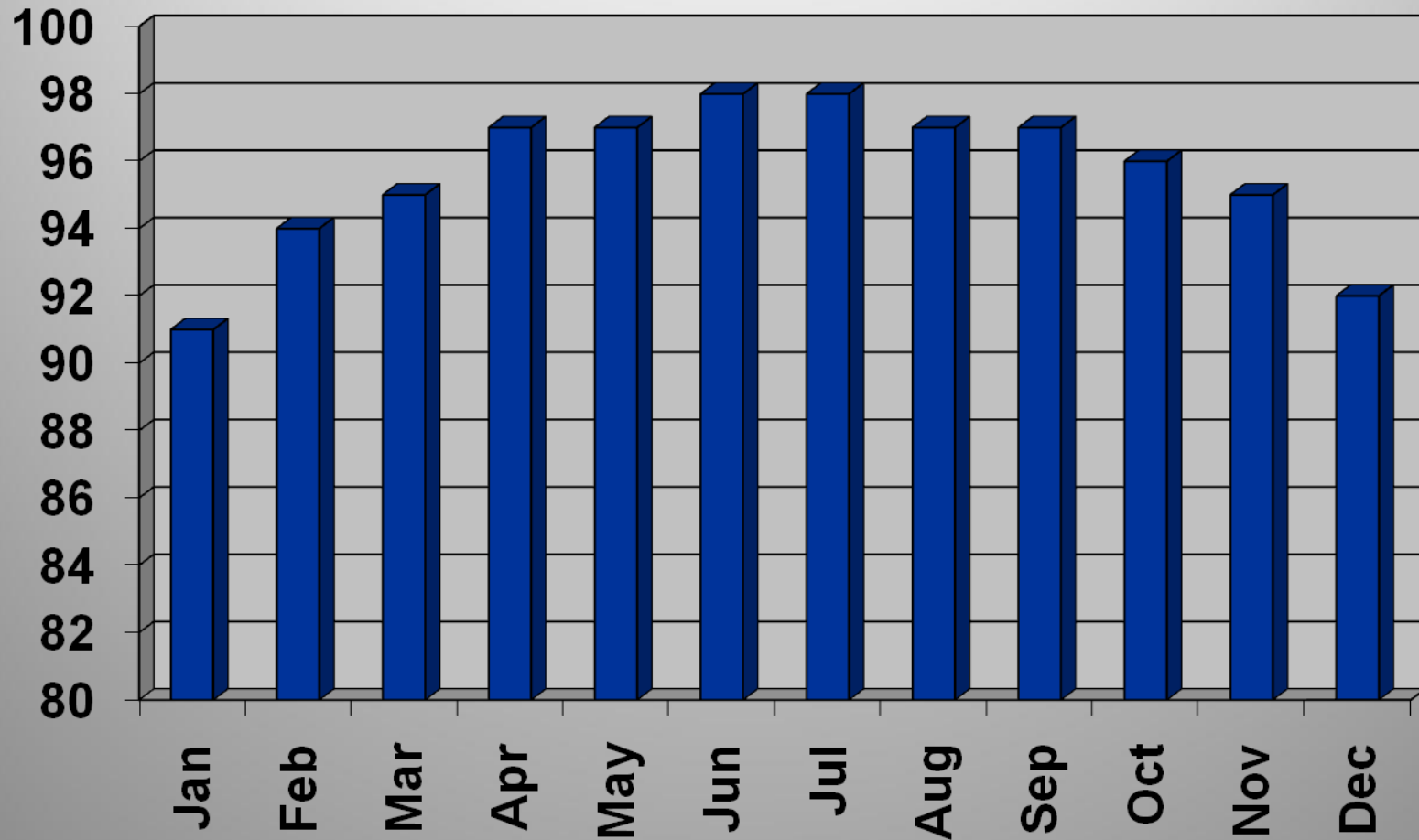


- Large LFA/few obs
- Critical during wx
- May be used to amend the MEF/-1
- PMSV Freq: 134.1

Percent $\geq 1000/3$



Percent $\geq 500/1$



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

Looking Ahead J-F-M

Seasonal Temperature Outlook

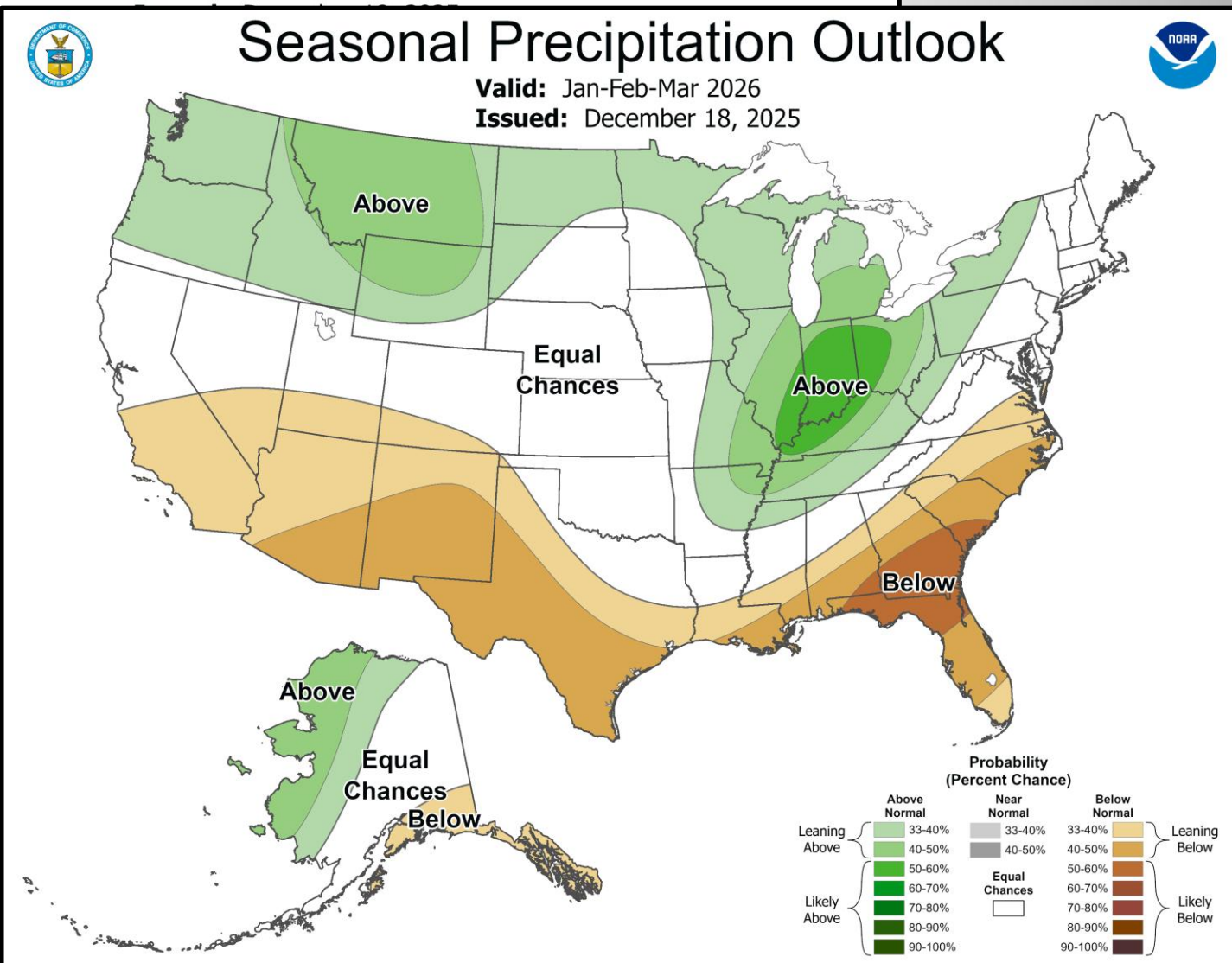
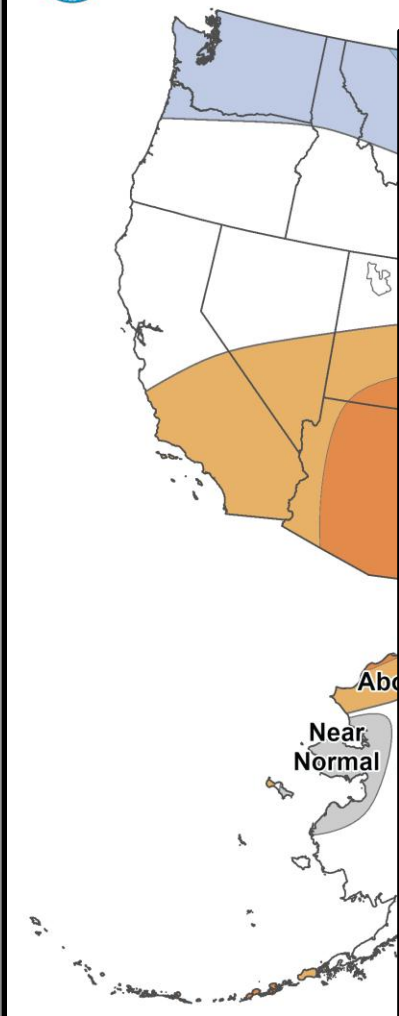
Valid: Jan-Feb-Mar 2026



Seasonal Precipitation Outlook

Valid: Jan-Feb-Mar 2026

Issued: December 18, 2025



Seasonal Weather Hazards

- Fall-Winter
 - Increased IFR
 - Turbulence / Low Level Wind Shear (LLWS)
 - Icing
 - Thunderstorms
 - Tornadoes
 - Hurricanes

Turbulence & LLWS

- Turbulence
 - Forecast is for 150NM
 - For CAT II aircraft
- LLWS
 - Forecast is for 150NM

Icing

- Icing
 - Forecast is for 150NM
 - MEF/-1 forecasts STRUCTURAL icing only

Icing

Visible Moisture + Temps $\leq 0^{\circ}\text{C}$ = Structural Icing

Visible Moisture + Temps $> 0^{\circ}\text{C}$ = Non-Structural Icing

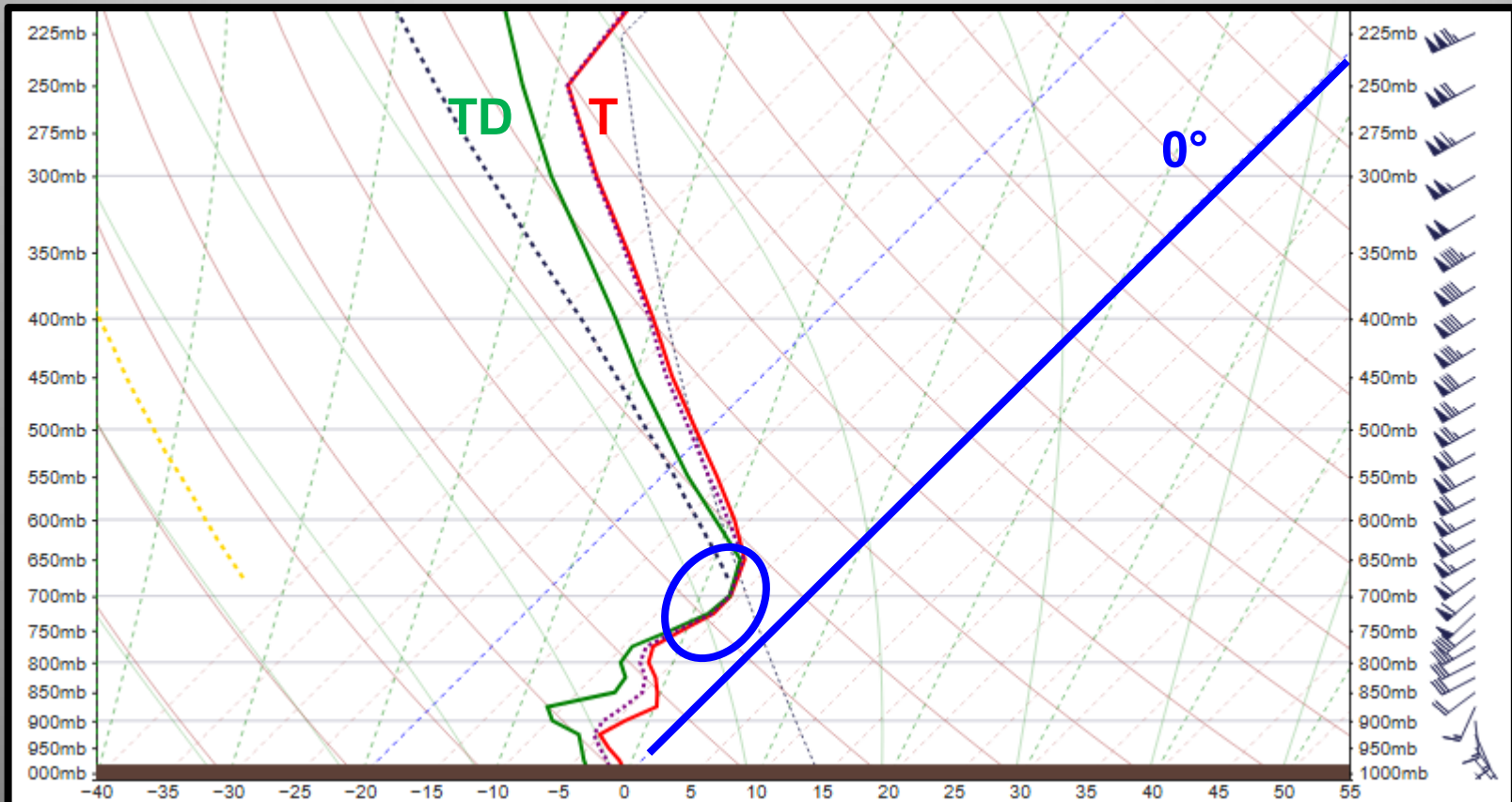
14. FLT LEVEL/WIND/TEMP					
010	12015KT	/	4 °C	050	18025KT / -3 °C
020	12015KT	/	4 °C	060	18025KT / -5 °C
030	15015KT	/	2 °C	070	22035KT / -8 °C
040	15020KT	/	0 °C	080	22040KT / -12 °C

DEST / ALTH	Z TO	Z				INS
KOZR	1130	1500	12010	7	BKN025	29.95
DEST / ALTH	Z TO	Z				INS
FROM	1500	1630	06012	7	BKN040 BKN250	29.96
DEST / ALTH	Z TO	Z				INS
FROM	1630	1800	3300G15	7	FEW250	29.98

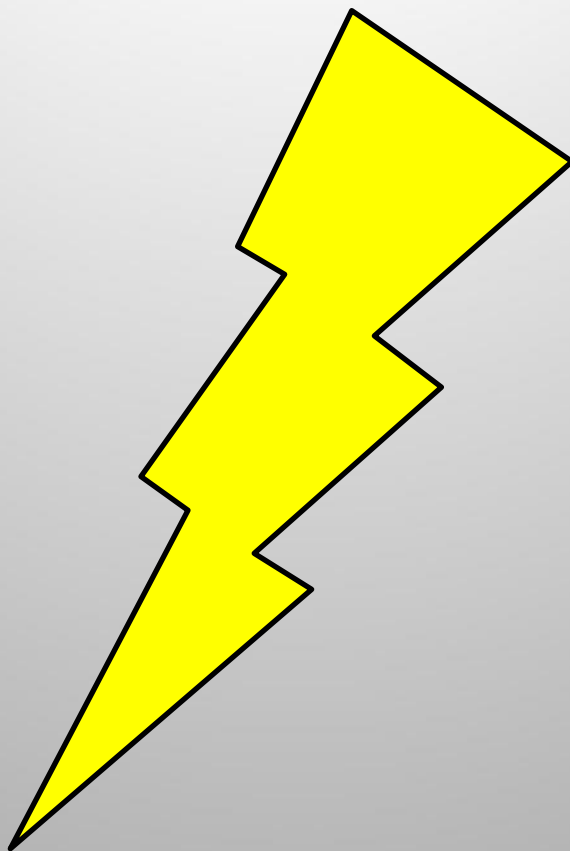
MEF/-1 forecasts STRUCTURAL ICING ONLY

Icing

- Observed Skew-T
 - KBHM, KLIX, KJAN at 00Z and 12Z
- Forecast Skew-T
 - Numerous locations in LFA every 6 hours



Thunderstorms



MICROBURSTS

SVR ICING

LLWS

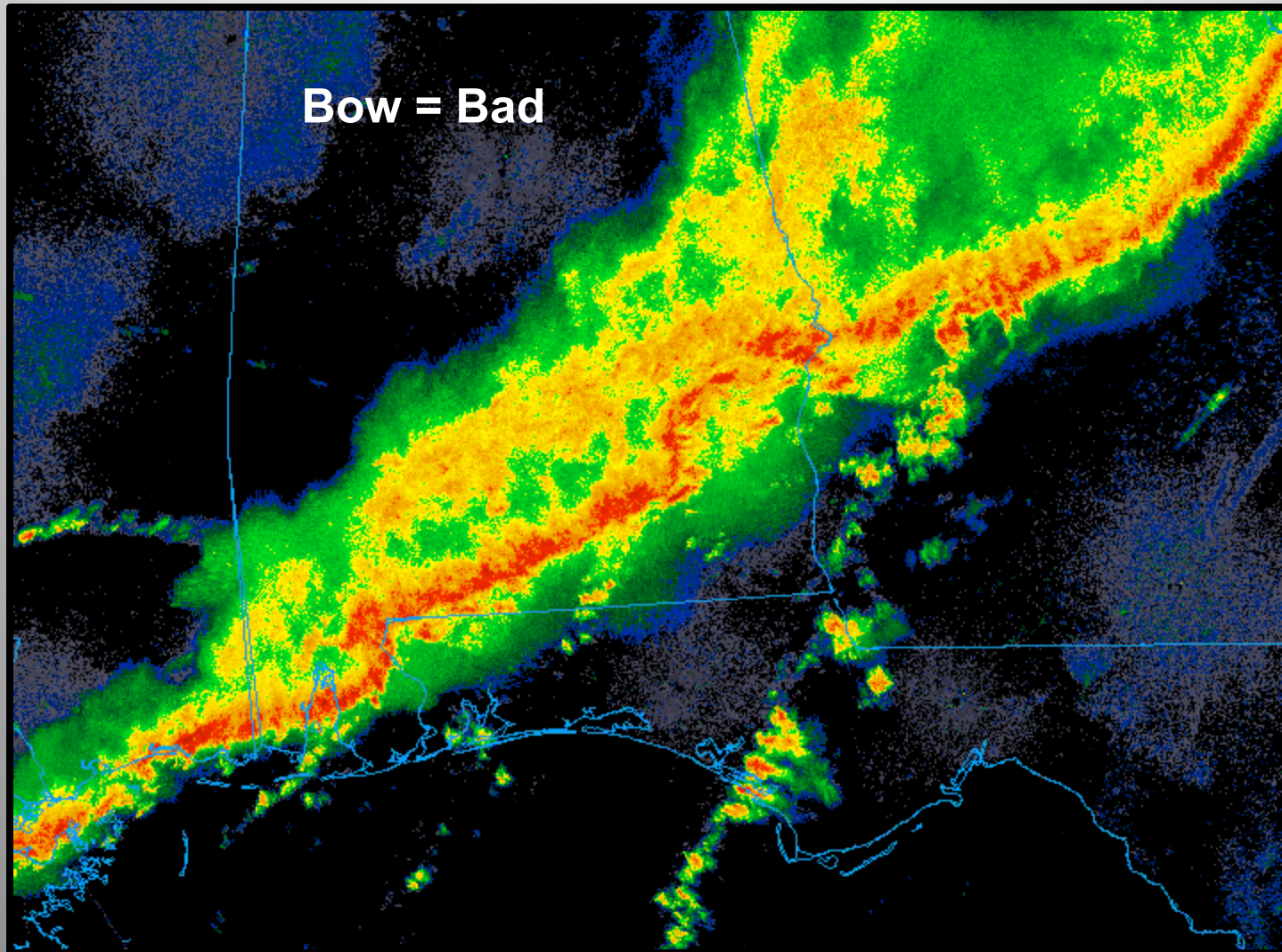
HAIL

HEAVY PRECIP

SVR TURBC

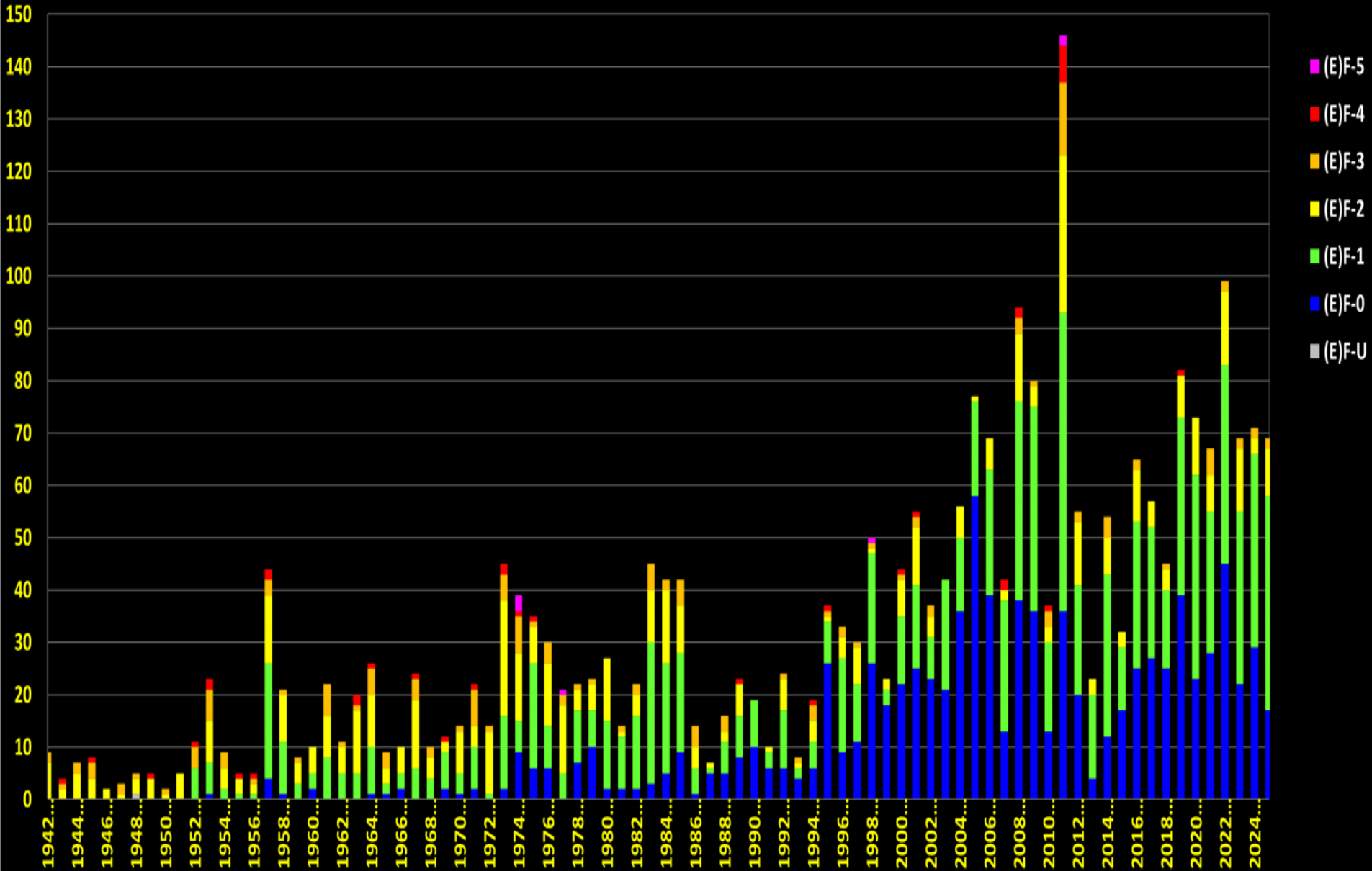
LIGHTNING

Thunderstorms



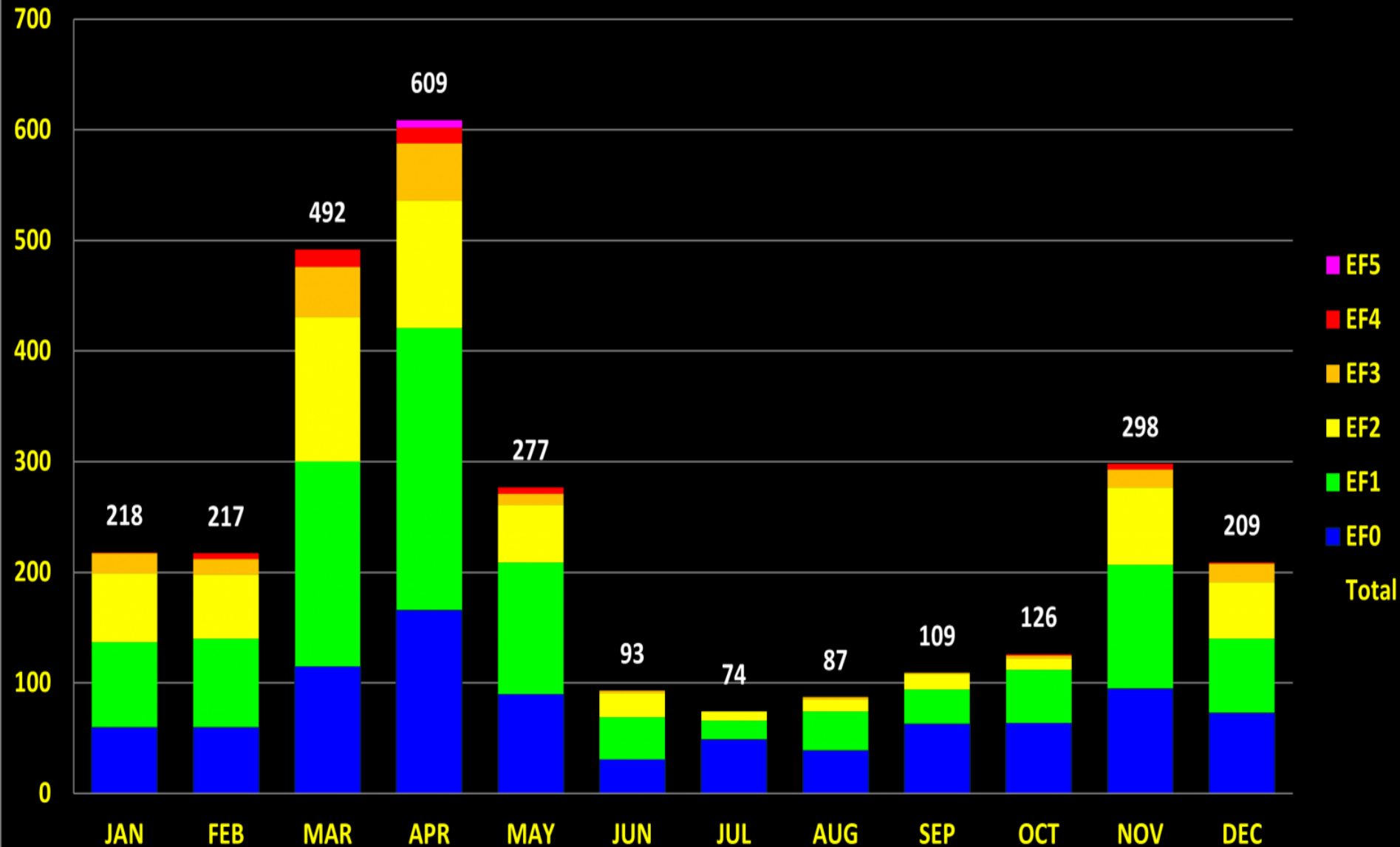
Alabama Tornadoes by Year

1942-2025



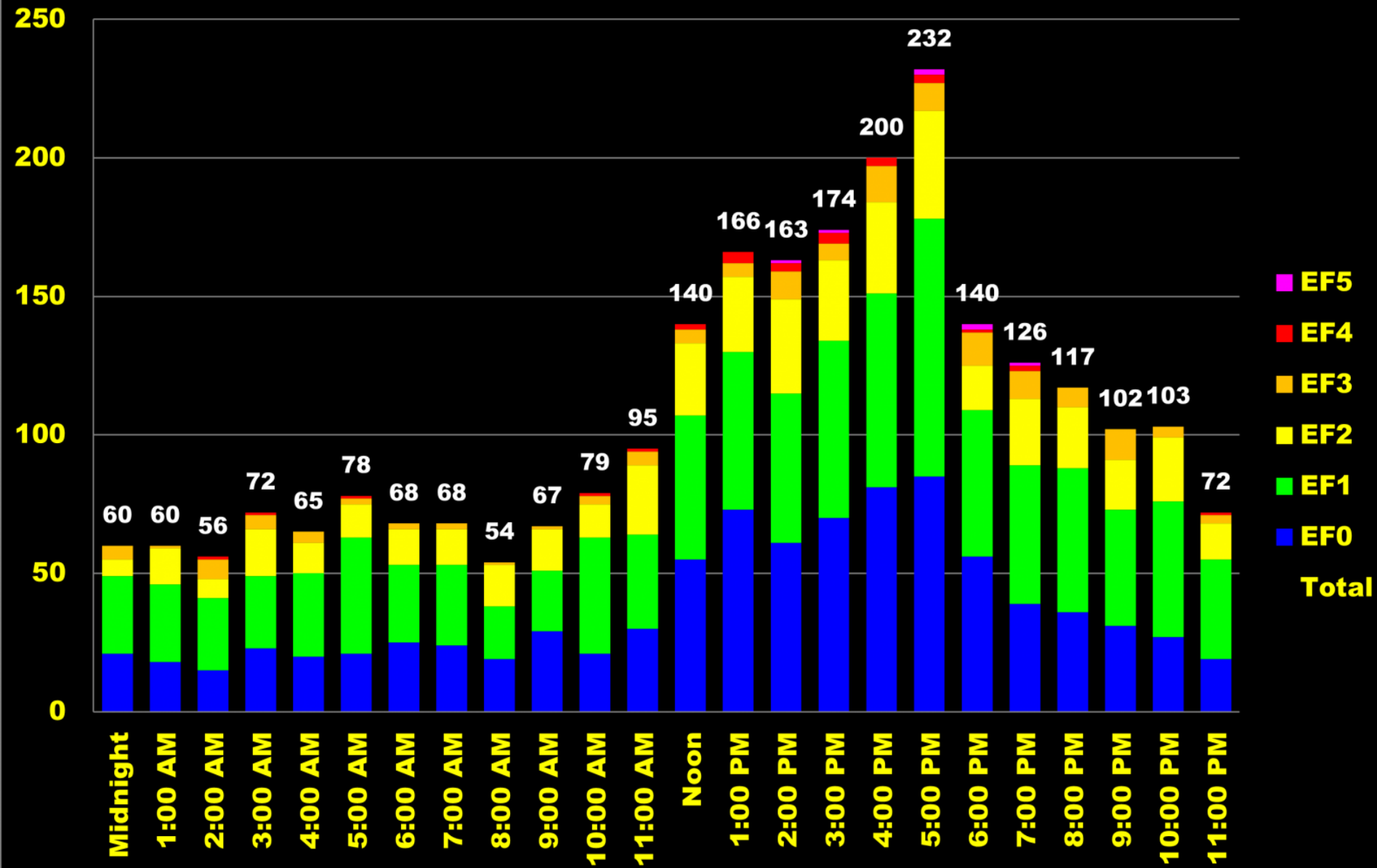
Alabama Tornadoes by Month

1925-2025



Alabama Tornadoes by Hour

1925-2025



Contact Us

- <https://www.army.mil/rucker#org-weather>
- “Like” us on Facebook (ftruckerwx)
- “Follow” us on X (ftruckerwx)
- “Stalk” us on 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)