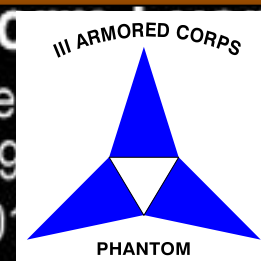




Perfect Storm  
GOES-7 Visible  
November 1, 1991  
1601 UTC (1101 AM EST)



# Ft Hood Semi-Annual Weather Briefing

Unnamed hurricane

## Winter Weather



3rd Combat Weather Squadron





# OVERVIEW

- ☞ Local Area Influences
- ☞ Winter Climo
- ☞ Winter Hazards
- ☞ Watches / Advisories / Warnings
- ☞ Services / Station Operations
- ☞ POC's





# Local Area Influences



- ☞ Rolling hills with peaks up to 1,500'
- ☞ Large lake areas and abundant foilage
  - Act as moisture sources that feed AM fog and lower ceilings
- ☞ Isolated weather conditions throughout reservation
  - What looks good at RGAAF can be totally different at HAAF





# Winter Climatology



## ☞ Degraded Flying Operations

- Lower AM vis/ceilings due to fog and stratus
  - ◆ Can extend into afternoon
  - ◆ Induced by upslope conditions
  - ◆ Cooler Temps
- Low Level Icing
  - ◆ Can extend down to surface

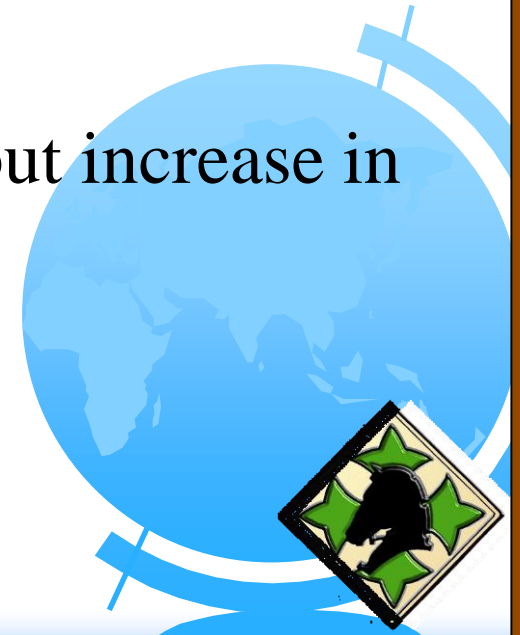




# Winter Synoptic Pattern

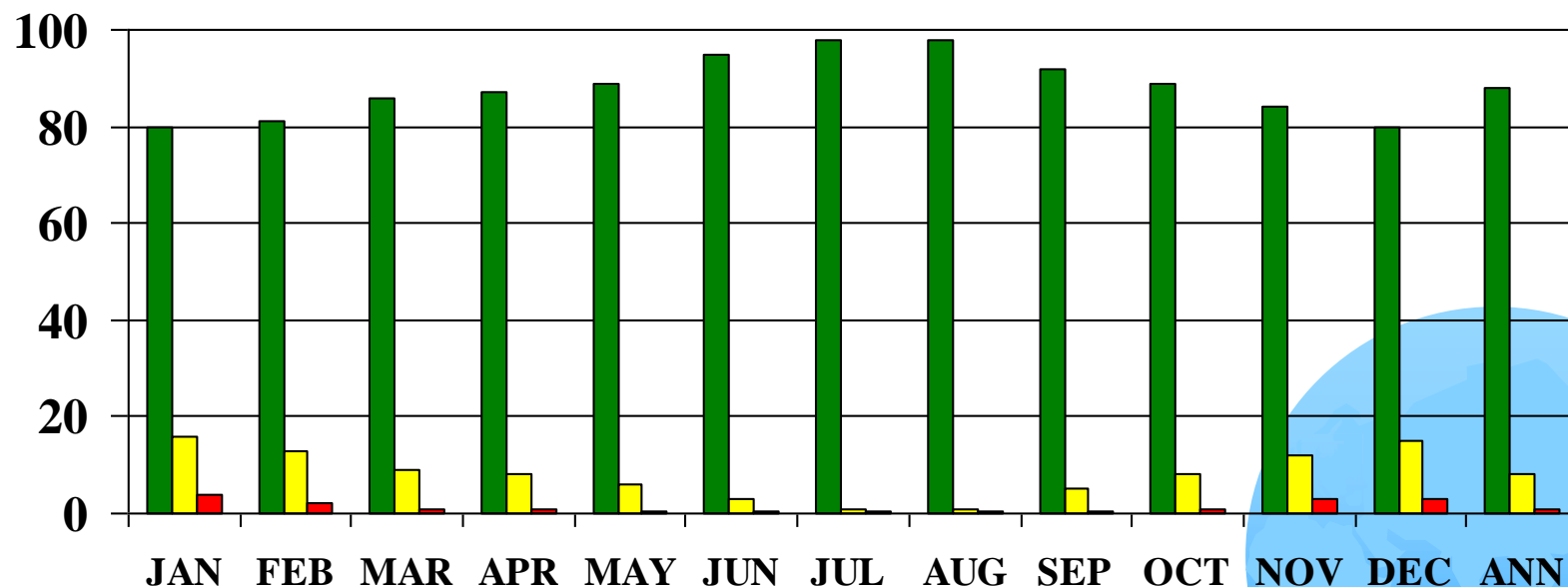


- ☞ Frontal passages generally occur every 5-7 days
- ☞ Polar Front Jet moves further south bringing colder temperatures.
- ☞ Decrease in thunderstorm activity but increase in AM fog and lower ceilings.





# CEILING AND VISIBILITY CLIMO



■ CIG > 015' VIS > 3 MI ■ CIG < 010' VIS < 2 MI  
■ CIG < 002' VIS < .5 MI





# Winter Hazards



- ☞ Turbulence
- ☞ Icing
- ☞ Low Level Wind Shear
- ☞ Reduced Visibility
- ☞ Colder Temps





# Turbulence







# TURBULENCE



☞ May occur at any time without warning

- Faster aircraft = more turbulence
- Heavier aircraft = less turbulence
- Greater the wing width = more turbulence





# TURBULENCE



- ☞ Caused by wind shear
  - Horizontal or vertical
  - In direction or speed (Jet Stream)
- ☞ Occurs in patches
- ☞ Occurs in Layers
  - May be as thick as 2,000 ft
  - Can be 10 to 40 miles wide





# TURBULENCE



☞ Also caused by strong winds over rough terrain (Ft. Hood is not considered rough terrain)

- Rougher terrain = More turbulence
- Higher wind speed = More Turbulence

☞ Frontal Zone Turbulence

- Occurs between 1,000 and 30,000 ft





# LOW LEVEL WIND SHEAR



- ☞ A change in wind speed of 30kts within 2,000ft of the surface
- ☞ Causes sudden changes in aircraft performance
  - May gain or lose altitude or deviate from level flight by pitching up or down. Affects glide slope of aircraft
  - Indicated airspeed fluctuates





# ICING







# ICING



## Types of Icing

- Rime: Rough, milky and opaque. Similar to ice in a refrigerator. Associated with stratus clouds
- Clear: Glossy and clear; formed by slow freezing of large supercooled water droplets. Found in cumulus clouds (Puffy low clouds)
- Frost: Light feathery deposit occurring when an aircraft is descending from cold air to warmer air layers.





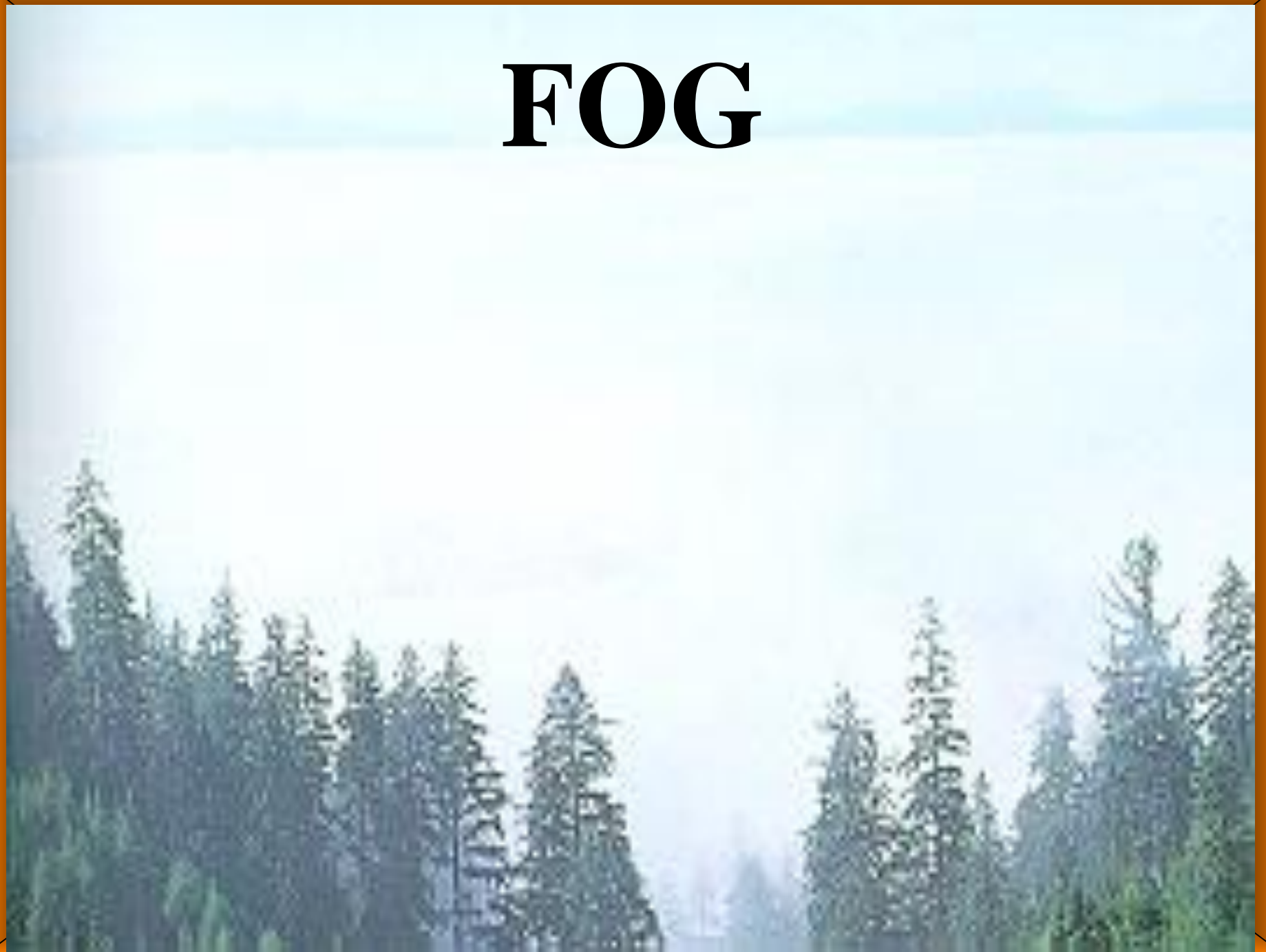
# ICING



- ➡ Adds weight, blocks the flow of air into engine
- ➡ Destroys the efficiency of the airfoil by altering its shape. When the lifting qualities of the wing are gone, the aircraft can no longer remain airborne!



# FOG





# Fog



## ☞ Reduces Visibility and Lowers Ceilings

### – Patchy Fog

- ◆ Visibility can be severely restricted; 1/4 mile away it can appear unrestricted
- ◆ Usually appears in low lying areas
- ◆ Not very thick
- ◆ **Hardest to forecast**

### – Wide spread Fog

- ◆ Large continuous even fog
- ◆ Usually at least 800 ft thick









# W/W/A



- ☞ **Watch:** Issued for the *potential* of weather conditions
- ☞ **Warning:** Issued for *imminent* occurrence of weather conditions
- ☞ **Advisory:** Observed condition affecting area
  - **Terminal:** valid within 5nm of either airfield
  - **Area:** valid within 50nm of 3 Corps HQ





# FT HOOD

11 ARMORED CORPS

**WARNING**  
TORNADO  
SVR TSTMS  
MDT TSTMS  
WNDS  $\geq 50$  kt  
WNDS  $\geq 35 < 50$  kt  
LTG  
FZ PCPN  
HVY PCPN  
BLIZZARD

**WATCH**  
TORNADO  
SVR TSTMS  
WNDS  $\geq 50$  kt  
LTG  
FZ PCPN  
HVY PCPN  
BLIZZARD

**TERMINAL ADVISORY**

WND  $\geq 30$  kt  
WIND CHILL  $\leq 10$  F  
WND GUST SPREAD  $\geq 15$  kt

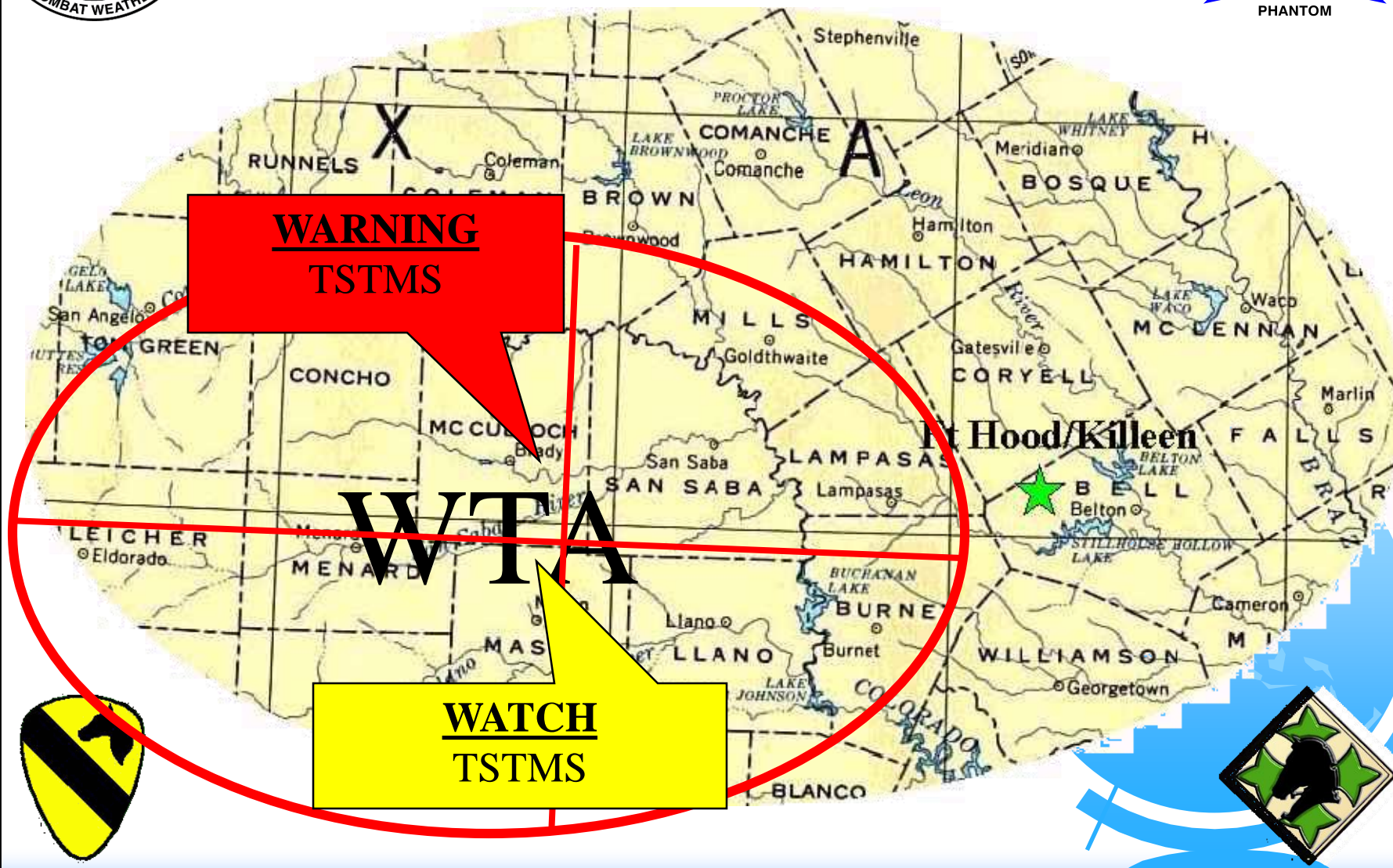
**AREA ADVISORY**  
MDT OR GTR TURBC  
MDT OR GTR ICG  
LLWS



III ARMORED CORPS



# WESTERN TRAINING AREA







# PILOT REPORTS (PIREPS)



## ☞ HIGHLY VALUED!!

- Thunderstorms
- Turbulence
- Icing
- Clouds
- Winds, temperature, etc..

☞ PMSV frequencies: UHF 306.5  
FM 41.20









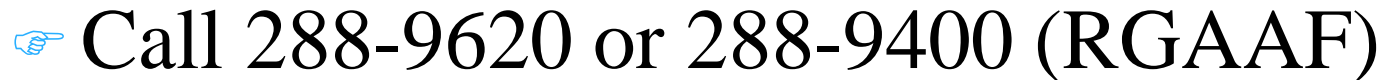
# Weather Station Operations



- ☞ 24 Hours a day, 7 days a week (RGAAF)
- ☞ 24 Hours a day, 7 days a week (Automated Obs HAAF)
- ☞ 1 Forecaster location, RGAAF
- ☞ What we do for you:
  - Mission Execution Forecast (MEF)
  - Flight weather briefings
  - Weather advisories, watches, and warnings
  - Pilot reports (PIREPS)
  - Pilot to metro service (PMSV) calls

**NOT NECESSARILY IN THAT ORDER! Please be patient!**  
**Remember, there are many pilots on Fort Hood, but only one  
Weather Station and ONE forecaster**





 E-mail: [usarmy.hood.3-asog.mbx.3w3-woc@mail.mil](mailto:usarmy.hood.3-asog.mbx.3w3-woc@mail.mil)

☞ Please follow up  
flight weather  
briefing requests  
sent via E-mail /  
Fax with a phone  
call



FLIGHT WEATHER BRIEF													
PART 1 - TAKEOFF DATA													
1. DATE	2. A/C TYPE REG	3. A/C TYPE REG	4. CURRENT ALT	5. DIRECTION	6. TEMP AIR	7. TEMP SURF	8. TEMP WIND	9. TEMP ALT	10. TEMP ALT	11. TEMP ALT	12. TEMP ALT	13. TEMP ALT	14. TEMP ALT
28-Mar-2016	ACFT 177N 100	C580/PAT 306	KGRK/1600 Z	+16 °C	+10 °C	N/A °C	+1018	FT	+1534				
15. TIME	16. CLOUDS	17. N/A	18. LOCAL WIND	19. WIND DIRECTION	20. WIND SPEED	21. WIND GUSTS	22. WIND GUSTS	23. WIND GUSTS	24. WIND GUSTS	25. WIND GUSTS	26. WIND GUSTS	27. WIND GUSTS	28. WIND GUSTS
1901Z													
29. REMARKS: 1. CLOUDY ALT 10000													
7 BKN020 10000 // LGT TURB SFC-020													
PART 2 - ENROUTE & MISSION DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 3 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 4 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 5 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 6 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 7 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 8 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 9 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 10 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 11 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
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PART 12 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 13 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT	9. ALT LIMIT	10. ALT LIMIT	11. ALT LIMIT	12. ALT LIMIT	13. ALT LIMIT	14. ALT LIMIT
10000	FL 310	5000											
PART 14 - FLIGHT DATA													
1. ALT LIMIT	2. ALT LIMIT	3. ALT LIMIT	4. ALT LIMIT	5. ALT LIMIT	6. ALT LIMIT	7. ALT LIMIT	8. ALT LIMIT						





# AF Weather Network



☞ 26th Operational Weather Squadron (Barksdale AFB, LA) provides:

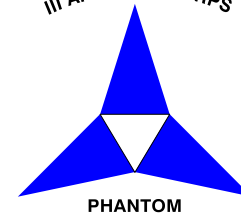
- 24hr Terminal Aerodrome Forecast TAFs (updated every 8hrs)
  - ◆ TAF breakdown can be found in AFH 11-203, Vol. 2, Chap. 3.  
(<http://www.e-publishing.af.mil/>)
- 5-Day Forecasts
- Weather briefs to transient aircraft
- Back up if KGRK goes down





# Fort Hood Home Page

III ARMORED CORPS



Screenshot of the Fort Hood Home Page. The browser address bar shows <https://home.army.mil/hood/index.php>. The page header includes a MENU icon, the U.S. Army logo, and a SEARCH icon (circled in red). Below the header, the page displays "U.S. ARMY FORT HOOD" and "Home of America's Hammer". A 24 HOUR HOTLINE FOR HOUSING INVOLVING LIFE / HEALTH / SAFETY ISSUES 254-206-1157 is provided. The main content area features a "COOKS COMPETE" image, "THE GREAT PLACE" section, and "CONNECT WITH FORT HOOD" social media links. A red arrow points from the text "Search: Weather or scroll to bottom of page" to the SEARCH icon. Another red arrow points from the same text to the "FORT HOOD WEATHER" link in the footer. The footer contains various links and logos, including "EMERGENCY NUMBERS", "SHARP", "ICE", "Veterans Crisis Line", "iSALUTE", "U.S. ARMY", "FORT HOOD WEATHER", "III CORPS POLICIES AND REGULATIONS", "GARRISON POLICIES AND REGULATIONS", "U.S. ARMY INSTALLATION MANAGEMENT COMMAND", and "U.S. ARMY ENVIRONMENTAL COMMAND".





# 3D Combat Weather Squadron Homepage

[https://home.army.mil/hood/index.php/  
fort-hood-weather](https://home.army.mil/hood/index.php/fort-hood-weather)

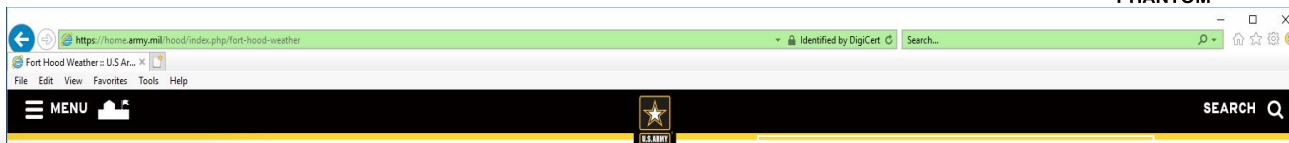
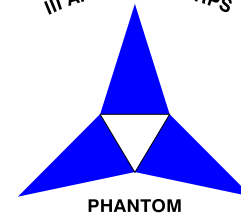







# MWP (3 WS Flimsy)

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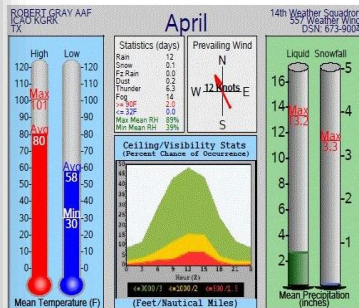
3d WEATHER SQUADRON - FORT HOOD MISSION PLANNING / EXECUTION FORECAST																
DATE:	1-Sep-05		VALID TIME:		1500Z-2000Z		MEF #:		01		B		REV #:		TIME:	
FORECASTER:	SRA SMITH		3d WS Homepage:		<a href="http://www.3dws.com/forecast">www.3dws.com/forecast</a>		ICGAF METRO:		306.5 UNF							
SOLAR/LUNAR DATA																
DATE	BMINT	SR	SS	EENT	MR	MS	ILLUM	MOON ANGLE 2.5m	GPS							
1-Sep-05	0648L	0204L	9554L	3047L	0730L	3015L	4%	DAYLIGHT	UNF	Unlikely Degradation						
1-Sep-05	0655L	0208L	9553L	3048L	0855L	3048L	3%	DAYLIGHT	HF	Unlikely Degradation						
FLIGHT LEVEL WINDS (KNOTS) AND TEMPERATURES (°C) - FORT HOOD RESERVATION																
5,000' AGL	1,000' AGL	2,000' AGL	3,000' AGL	4,000' AGL	5,000' MSL	6,000' MSL	8,000' MSL	10,000' MSL								
1505	32°C	1505	24°C	15040	25°C	15055	27°C	17005	18°C	17005	15°C	19000	09°C			
FLIGHT HAZARDS FOR LOCAL FLYING AREA (IAW FHR 95-1)																
HAZ. SEVERE TURB. INC. HEAVY PRECIP. LIGHTNING & WIND SHEAR EXPECTED IN A NEAR 1000000																
CAT II ACT: MCHL, MCHC // CAT II ACT: 0846L, 0846L, 0846L, 0846L // CAT I ACT: 0846L (Shadow)																
(TURBULENCE FORECASTS MUST BE CONVERTED FOR DIFFERENT CATEGORIES OF AIRCRAFT)																
PLEASE PROVIDE FEEDBACK																
																
HAZARDS																
THUNDERSTORMS	ISOLATED			MAX TOPS			450									
ICING	LGT RIME			190-240			SOUTH OF A LINE 517-AUS-HOU									
TURBULENCE (CAT II)	LGT			SFC-050			ENTIRE LOCAL FLYING AREA APT 15Z									
LLWS	09-15Z			SFC-050 AGL			WITHIN 50NM OF FORT HOOD									
PORT HOOD RESERVATION AREA FORECAST (INCLUDES ICGAF, HAW, LONGHORN AND SHORTHORN AUXILIARY AIRFIELDS)																
VALID TIME	MIN CG (AGL)	MIN VIS (nm)	SIG WX	SURFACE WIND	MAX TEMP	MAX DPT	RH %	MIN ALSTG	MAX PA	MAX DA	MAX FA	MAX DA	MAX DA			
1500Z-1600Z	001	1/4	FG	10005	33	73	23	100%	29.92	1015 ft	2535 ft	525 ft	2425 ft			
1600Z-1700Z	001	1/4	FG	10005	33	73	23	100%	29.92	1015 ft	2535 ft	525 ft	2425 ft			
1700Z-1800Z	003	1/2	FG	12007	34	75	23	94%	29.92	1015 ft	2535 ft	525 ft	2425 ft			
1800Z-1900Z	005	7		18015	G30	37	81	31	71%	29.92	1015 ft	5071 ft	2535 ft			
1900Z-2000Z	005	7		18015	G25	38	82	30	63%	29.90	1034 ft	5229 ft	543 ft			
2000Z-2100Z	005	7		18015	G25	38	82	30	53%	29.88	1053 ft	5252 ft	543 ft			
PORT HOOD PLAIN LANGUAGE FORECAST / OUTLOOK FOR THE NEXT 24 HOURS																
DENSE MORNING FOG AND LIGHT EAST WIND WILL GIVE WAY TO PARTLY SUNNY SKIES; BREEZY SOUTH WIND AFT 15 TO 30 MPH GUSTING 30 TO 35 MPH BY LATE MORNING INTO THE AFTERNOON. HIGH TEMPERATURE TODAY IN THE MID TO UPPER 80S. EXPECT PARTLY CLOUDY SKIES EARLY THIS EVENING BECOMING MOSTLY CLOUDY LATE WITH SLIGHT CHANCE OF SCATTERED RAINSHOWERS AFTER MIDNIGHT. DIMINISHING WIND AFTER SUNSET FROM THE SOUTHEAST AFT 10 TO 15 MPH. MILD AND HUMID OVERNIGHT WITH LOW TEMPERATURE IN THE LOW 70S.																
TEST FLIGHT AREA (TFA) // (IAW FHR 95-1)																
VALID TIME	LOCATION	TFA I	TFA II	TFA V	TFA VI	LOCATION	NE	SE	SW	NW						
1500Z-1600Z	030	030	030	030	030	MIN CG (AGL)	030	030	NONE	NONE						
1600Z-1700Z	3	3	1/4	1/4	1/4	MIN VIS (SM)	1	1	7	7						
1700Z-1800Z	FG	FG	FG	FG	FG	SIG WX	FG	FG	FG	FG						
1800Z-1900Z	18005	18005	18005	18005	18005	SFC WIND	18005	18005	19010	19010						
WESTERN TRAINING AREA (TFA) // (IAW FHR 95-1)																
VALID TIME	LOCATION	TFA I	TFA II	TFA V	TFA VI	LOCATION	NE	SE	SW	NW						
1500Z-1600Z	030	030	030	030	030	MIN CG (AGL)	030	030	NONE	NONE						
1600Z-1700Z	3	3	1/2	1/2	1/2	MIN VIS (SM)	3	3	7	7						
1700Z-1800Z	FG	FG	FG	FG	FG	SIG WX	FG	FG	FG	FG						
1800Z-1900Z	18015	G30	18015	G25	18015	G30	18015	G25	19015	G25	19015	G25	G25			
1500Z-2000Z																
VALID TIME	LOCATION	TFA I	TFA II	TFA V	TFA VI	LOCATION	NE	SE	SW	NW						
1500Z-1600Z	030	030	030	030	030	MIN CG (AGL)	030	030	NONE	NONE						
1600Z-1700Z	7	7	7	7	7	MIN VIS (SM)	3	7	7	7						
1700Z-1800Z	FG	FG	FG	FG	FG	SIG WX	FG	FG	FG	FG						
1800Z-1900Z	18015	G25	18015	G25	18015	G25	18015	G25	19015	G25	19015	G25	G25			

## FORT HOOD WEATHER

- FORT HOOD 5-DAY PLANNING FORECAST
- FORT HOOD MISSION EXECUTION FORECAST (MEF) FLIMS

CURRENT FORT HOOD WEATHER WATCHES/WARNINGS/ADVISORIES

CURRENT AIRFIELD WEATHER



ROBERT GRAY AAF (KGRK) CLIMATOLOGY

14 WS OCDS TABLE

14 WS CLIMO GRAM (GRAPHIC)

LOCAL MONTHLY CLIMATE REPORT

14 WS DAILY CLIMO PLANNER

Click here



## 3D WEATHER SQUADRON

Phone:

(254) 288-9620 / 9400 / DSN 738-9620 / 9400

Fax:

(254) 288-1190 / DSN 738-1190

Email:

usarmy.hood.3-esog.mbx.3w3-woc@mail.mil





III ARMORED CORPS



# 5-Day Forecast



## Fort Hood 5-Day Weather Outlook & Effects

March Climatology**Avg Hi: 73F Avg Low: 50F****Avg Precip: 2.5 Inches****FOR PLANNING ONLY**

### FORT HOOD, TX 5-DAY FORECAST

AS OF 0300 HRS LOCAL 28 MAR 17

FORECAST	Tue 28 Mar 17		Wed 29 Mar 17		Thu 30 Mar 17		Fri 31 Mar 17		Sat 01 Apr 17	
	LO: 63F/17C	HI: 82F/28C	LO: 63F/17C	HI: 81F/27C	LO: 55F/13C	HI: 77F/25C	LO: 54F/12C	HI: 81F/27C	LO: 59F/15C	HI: 79F/26C
	WIND CHILL N/A	HEAT INDEX 84F/29C	WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX N/A	WIND CHILL N/A	HEAT INDEX 81F/27C
	15G25 KTS	25G35 KTS	25G45 KTS	11 KTS	17 KTS	16G20 KTS	6 KTS	10G18 KTS	10G22 KTS	14G21 KTS
	4 MI / 400FT	4 MI / 1000FT	<1 MI / 300FT	7 MI / NO CIG	7 MI / NO CIG	7 MI / NO CIG	7 MI / NO CIG	7 MI / NO CIG	5 MI / NO CIG	5 MI / 2000FT
	MIST	RAIN (.10")	THUNDERSTORMS (.50")	CLEAR	MOSTLY CLEAR	MOSTLY CLEAR	MOSTLY CLEAR	MOSTLY CLEAR	MIST	THUNDERSTORMS (.20")
	MAX DA: +2820FT	MAX PA: +1222FT	MAX DA: +3017FT	MAX PA: +1222FT	MAX DA: +2255FT	MAX PA: +1203FT	MAX DA: +3001FT	MAX PA: +1166FT	MAX DA: +2872FT	MAX PA: +1138FT
	BMNT: 0631 SR: 0725 MR: 0758	EENT: 2041 SS: 1948 MS: 2040	BMNT: 0630 SR: 0723 MR: 0839	EENT: 2042 SS: 1949 MS: 2146	BMNT: 0628 SR: 0722 MR: 0923	EENT: 2042 SS: 1949 MS: 2253	BMNT: 0627 SR: 0721 MR: 1011	EENT: 2043 SS: 1950 MS: 2359	BMNT: 0626 SR: 0720 MR: 1101	EENT: 2044 SS: 1951 MS: **
	DARK PERIOD 6:31 / 3:20	MOON PERIOD 0:00	DARK PERIOD 6:30 / 0:18 / 2:15	MOON PERIOD 0:45	DARK PERIOD 6:28 / 0:18 / 1:07	MOON PERIOD 1:53	DARK PERIOD 6:27 / 0:17 / 0:01	MOON PERIOD 2:59	DARK PERIOD 6:26 / 0:16	MOON PERIOD 3:00
ILLUM DATA	6%		6%		6%		22%		32%	
HELO	C	W	C	CW	P	P	P	P	P	C
UAS	C	CW	C	CW	P	P	P	P	P	C
PERSONNEL										
VEHICLES										
VIS SYSTEMS	RH		PRH	V					RH	P
IR SENSORS	RH		RH	RH					RH	P
TIME	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18	00 06 12 18

FORECASTER : 3 WS

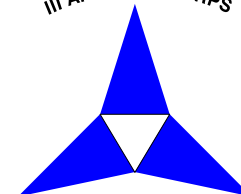
W - Wind TU - Turbulence C - Ceiling P - Precipitation V - Visibility RH - Rel. Humidity

**FOR PLANNING ONLY***Integrity - Service - Excellence*



# 5-Day Forecast Impacts

III ARMORED CORPS



PHANTOM

OPERATION	FOR PLANNING ONLY		
	FAVORABLE (No Degradation)	MARGINAL (Some Degradation)	UNFAVORABLE (Significant Degradation)
HELO	CIG >= 1000 FT	CIG 500 - 999 FT	CIG < 500 FT
	VIS >= 4800 METERS	VIS 0800 - 4799 METERS	VIS < 0800 METERS
	WIND < 35 KTS	WIND 35 - 44 KTS	WIND >= 45 KTS
			LGT OR MDT OR SVR TSTM
			LGT OR MDT OR HVY FZ PRECIP
		MDT TURB	SVR TURB
		LGT OR MDT ICING	SVR ICING
UAS	CIG >= 5000 FT	CIG 3000 - 4900 FT	CIG < 3000 FT
	VIS >= 8000 METERS	VIS 4800 - 6000 METERS	VIS < 4800 METERS
	WIND < 25 KTS		WIND >= 25 KTS
		LGT OR MDT PRECIP	HVY PRECIP
			LGT OR MDT OR SVR TSTM
			LGT OR MDT OR HVY FZ PRECIP
		LGT TURBC	MDT OR SVR TURBC
PERSONNEL	TEMP 33 - 84 F	TEMP < 33 F	TEMP <= -25 F
		TEMP >= 85 F	TEMP >= 95 F
	LGT PRECIP	MDT PRECIP	HVY PRECIP
			LGT OR MDT OR SVR TSTM
VEHICLES	LGT PRECIP	MDT PRECIP	HEAVY PRECIP
		LGT FZ PRECIP	MDT OR HVY FZ PRECIP
	TEMP 01 - 104 F	TEMP < 1 F	
		TEMP > 104 F	
VIS SYSTEMS	VIS >= 3200 METERS	VIS 1000 - 3199 METERS	VIS < 1000 METERS
	LGT PRECIP	MDT PRECIP	HVY PRECIP
	TEMP < 100 F	TEMP >= 100 F	
	REL HUMIDITY < 80%	TEMP < -25 F	
IR SENSORS		REL HUMIDITY >= 80%	
	VIS >= 3200 METERS	VIS < 3200 METERS	
	LGT PRECIP	MDT PRECIP	HVY PRECIP
	TEMP 20 - 125 F		TEMP > 125 F
	REL HUMIDITY < 80%		TEMP < -25 F
			REL HUMIDITY >= 80%



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# POCs



- ☞ - 3 WS Commander: 288-1313
- ☞ - 3 WS Operations Officer: 287-7397
- ☞ - Operations Superintendent: 287-2948
- ☞ - RGAAF Weather Station NCOIC: 288-9166
- ☞ - **RGAAF Weather Station: 288-9620/9400**
- ☞ - **HAAF Weather Station: 553-7646/287-1891**
- ☞ - **Gray Metro: UHF 306.5**





A military helicopter, possibly a Black Hawk, is parked on a tarmac. The image is framed by a thick orange border. Two large, 3D, orange-to-yellow gradient text overlays are present. The first, 'THE END!!', is in the upper left. The second, 'Any Question or comments?', is in the lower right, slanted upwards. The background is a clear, light blue sky.

**THE END!!**

**Any Question or comments?**