

MISSION EXECUTION FORECAST

DATE: 27-May-26	VALID PERIOD: N1 0030Z-0730Z	FORECASTER INITIALS: AD				
FLIGHT LEVEL WINDS & TEMPS (MSL)		FCST DATA: KOZR		AREA	SOLAR/LUNAR (LOCAL)	
FLT LEVEL	WIND / TEMP	MAX TEMP (°C):	24	26	BMNT 0441L	EENT 2039L
010	17015 KT / 23 °C	MIN TEMP (°C):	22	21	SUNRISE	0541L
020	18020 KT / 21 °C	MAX DEWPT (°C):	23	24	SUNSET	1940L
030	18020 KT / 20 °C	MIN ALSTG:	29.96	29.92	BMCT 0514L	EECT 2006L
040	18020 KT / 19 °C	MAX PA (FT):	270	500	MOONRISE	1541L
050	18020 KT / 17 °C	MAX DA (FT):	1690	2260	MOONSET	0240L
060	18020 KT / 15 °C	MIN CIG (FT AGL):	007	007	AZIMUTH	151 °
070	18020 KT / 13 °C	MIN VIS (SM):	2	2	ELEVATION	43 °
080	18015 KT / 12 °C	MIN WX:	BR	TSRA BR	% ILLUM	83%

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

TURBULENCE (CAT II)	OCNL LGT	CLR/CLD	FL: SFC-100	LOC: ALL AREAS
ICING	NONE			
THUNDERSTORMS	AREA ISOLATED	MT: 440	LOC: ALL AREAS	
	AREA FEW	MT: 460	LOC: NORTH AREAS	
LLWS (AGL)	NONE			

AREA FORECASTS (All heights are AGL)

	AREA FORECASTS (All heights are AGL)	TS COVERAGE
GOLDFISH	VRB06KT 7SM VCTS FEW008 SCT025 BKN030 ISOLD 0030-0300Z: 4SM SHRA BR BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0500Z: 5SM -SHRA BR BKN007 ISOLD 0500-0730Z: 2SM BR BKN007	ISOLATED (1-10%)
VANGUARD N	VRB06KT 4SM SHRA VCTS FEW008 SCT025 BKN030 ISOLD 0030-0200Z: 2SM TSRA BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0400Z: 5SM -SHRA BR BKN007 AFT 0400Z: VRB06KT 7SM BKN007 OVC015	FEW (11-25%)
VANGUARD C	VRB06KT 7SM VCTS FEW008 SCT025 BKN030 ISOLD 0030-0300Z: 4SM SHRA BR BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0400Z: 5SM -SHRA BR BKN007 AFT 0400Z: VRB06KT 7SM BKN007 OVC015	ISOLATED (1-10%)
VANGUARD S	VRB06KT 7SM VCTS FEW008 SCT025 BKN030 ISOLD 0030-0300Z: 4SM SHRA BR BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0500Z: 5SM -SHRA BR BKN007 ISOLD 0500-0730Z: 2SM BR BKN007	ISOLATED (1-10%)
HAWK	VRB06KT 4SM SHRA VCTS FEW008 SCT025 BKN030 ISOLD 0030-0200Z: 2SM TSRA BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0400Z: 5SM -SHRA BR BKN007 AFT 0400Z: VRB06KT 7SM BKN007 OVC015	FEW (11-25%)
BEARCAT	VRB06KT 7SM VCTS FEW008 SCT025 BKN030 ISOLD 0030-0300Z: 4SM SHRA BR BKN008 AFT 0300Z: VRB06KT 7SM FEW007 SCT015 BKN025 ISOLD 0300-0500Z: 5SM -SHRA BR BKN007 ISOLD 0500-0730Z: 2SM BR BKN007	ISOLATED (1-10%)

REMARKS:

LAST NO AMDS AFT: 27/0600Z	AM PLANNING	NEXT MEF: 27/1000Z
FORECAST AREA:	GOLDFISH	VANGUARD N
	VANGUARD C	VANGUARD S
FORECAST CATEGORY/TIMING:	IFR TIL 13Z	IFR TIL 14Z
	IFR TIL 14Z	IFR TIL 14Z
KOZR MAX TEMP: 28 C	KOZR MIN ALSTG: 30.00	KOZR MAX PA: 230 FT
		T'STORMS: YES

CONTACT INFORMATION

FORECASTER PHONE	PMSV	WIF	SOCIAL MEDIA: FB: /fruckerwx X: @fruckerwx
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 WIND	MAX HAIL
WATCH	05-013	1300 Z TIL 0300 Z	LIGHTNING POTENTIAL W/IN 15NM		
AWA	05-040	0400 Z TIL 0730 Z	PREDOMINANT IFR FCST W/IN 60NM		

FLIGHT WEATHER BRIEFING

PART I - TAKEOFF DATA (VALID AT 20L)

1. DATE 260527	2. ACFT TYPE/NO.	3. DEPT/PT/ETD	4. RUNWAY TEMP z 24 °C	5. DEWPOINT °C 23 °C	6. TEMP DEV °C	7. PRESSURE ALT FT 80 FT	8. DENSITY ALT FT 1750 FT
9. SURFACE WIND			10. CLIMB WINDS			13. WWAS WATCH 05-013 LIGHTNING POTENTIAL W/IN 15NM VT: 1300Z TIL 0300Z	
AWA 05-040 PREDOMINANT IFR FCST W/IN 60NM VT: 0400Z TIL 0730Z							

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

14. FLT LEVEL/WIND/TEMP				15. SPACE WEATHER				16. SOLAR / LUNAR (LOCAL)					
010	17015KT	/	23 °C	050	18020KT	/	17 °C	NO IMPACT	MARGINAL	SEVERE	BMNT: 0441L	EENT: 2039L	% ILLUM
020	18020KT	/	21 °C	060	18020KT	/	15 °C	FREQ	X		BMCT: 0514L	EECT: 2006L	83%
030	18020KT	/	20 °C	070	18020KT	/	13 °C	GPS	X		SR: 0541L	SS: 1940L	AZ (21L): 151
040	18020KT	/	19 °C	080	18015KT	/	12 °C	RAD	X		MR: 1541L	MS: 0240L	EL (21L): 43

18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY

19. MINIMUM CEILING - LOCATION ISOLD AREAS 007 FT AGL		20. LLWS - LOCATION NONE FT AGL		21. MINIMUM FREEZING LVL - LOCATION ALL AREAS 140 FT MSL	
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22. THUNDERSTORMS				23. TURBULENCE (CAT II)				24. ICING				25. PRECIPITATION								
NONE		X AREA		NONE		IN CLEAR		NONE		RIME		MIXED		CLEAR		NONE	DZ	RAIN	SNOW	PELLET
⊕ ISOLATED 1 - 2% MT 440		LIGHT		OCNL		OCNL		TRACE								LIGHT	X			
⊕ FEW 3 - 15% MT 460		MODERATE						LIGHT								MODERATE	X			
⊕ SCATTERED 16 - 45%		SEVERE						MODERATE								HEAVY				
⊕ NUMEROUS > 45%		EXTREME						SEVERE								SHOWERS	X			
HAIL, SEV TURBC & ICING, HEAVY PRECIP, LIGHTNING & WIND SHEAR EXPECTED IN/NEAR THUNDERSTORMS				LEVELS X SFC-100				LEVELS				FREEZING								
LOCATION ⊕ ALL AREAS ⊗ NORTH AREAS				LOCATION X ALL AREAS				LOCATION				RAIN: ALL AREAS								

PART III - AERODROME FORECASTS (ALL HEIGHTS ARE AGL)

26. AIRDROME	27. VALID TIME	28. SFC WIND	29. VSBY/WEA	30. SKY CONDITION	31. ALSTG	Same as KOZR: KFOR, KHEY, KXSX, KFHK, KDHN, KE DN, K0J4, KCEW, KEGI, KDTS, KHRT, KVPS, KNPA, KPAM, KECP, KMAI, KBCR, KTLH, KBIJ, KBGE, KABY, KMGR, K17J
DEST / ALTN KOZR	2 TO 2 0030 0300	VRB06	7 VCTS	FEW008 SCT025 BKN030	29.96 INS	
DEST / ALTN TEMPO	2 TO 2 0030 0300		4 SHRA BR	BKN008	INS	
DEST / ALTN FROM	2 TO 2 0300 0730	VRB06	7	FEW007 SCT015 BKN025	29.98 INS	
DEST / ALTN TEMPO	2 TO 2 0300 0500		5 -SHRA BR	BKN007	INS	
DEST / ALTN TEMPO	2 TO 2 0500 0730		2 BR	BKN007	INS	
DEST / ALTN KTOI	2 TO 2 0030 0300	VRB06	4 SHRA VCTS	FEW008 SCT025 BKN030	29.92 INS	
DEST / ALTN TEMPO	2 TO 2 0030 0200		2 TSRA	BKN008	INS	
DEST / ALTN FROM	2 TO 2 0300 0400	VRB06	7	FEW007 SCT015 BKN025	29.94 INS	
DEST / ALTN TEMPO	2 TO 2 0300 0400		5 -SHRA BR	BKN007	INS	
DEST / ALTN FROM	2 TO 2 0400 0730	VRB06	7	BKN007 OVC015	29.94 INS	
DEST / ALTN K79J	2 TO 2 0030 0300	VRB06	7 VCTS	FEW008 SCT025 BKN030	29.92 INS	
DEST / ALTN TEMPO	2 TO 2 0030 0300		4 SHRA BR	BKN008	INS	
DEST / ALTN FROM	2 TO 2 0300 0400	VRB06	7	FEW007 SCT015 BKN025	29.94 INS	
DEST / ALTN TEMPO	2 TO 2 0300 0400		5 -SHRA BR	BKN007	INS	
DEST / ALTN FROM	2 TO 2 0400 0730	VRB06	7	BKN007 OVC015	29.94 INS	

PART IV - CONTACT INFORMATION

PMSV: 134.1 (V)	PHONE: 334-255-8385	FACEBOOK: /FTRUCKERWX	https://www.army.mil/rucker#org-weather	
WIF: 348.8 (U)	334-255-8397	X: @FTRUCKERWX		
KOZR MAXIMUMS:		MAX TEMP: 24°C	MAX PA: 270 FT	MAX DA: 1690 FT

35. REMARKS:

PART V - BRIEFING RECORD

36. WX BRIEFED TIME 22:15 Z	37. FLIMSY BRIEFING # N1 0030Z-0730Z	38. FORECASTER'S INITIALS AD	40. VOID TIME 23:45 Z	41. EXTENDED TO/INITIALS Z	42. WX REBRIEF TIME/INITIALS Z
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DD Form 175-1 (LOCAL)