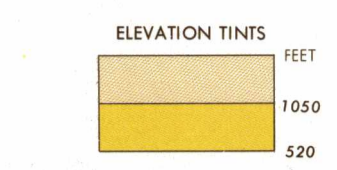


SERIES 1501 AIR  
SHEET ND 33-12  
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1



RELIABILITY OF THIS GRAPHIC  
(as determined by standard practice)

A	B
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Area A	Area B
Accuracy as related to control of graphic	in excess of 1:645,000
Horizontal position	± 25 ft.
Contours	± 25 ft.
Vertical datum: Mean Sea Level	
Transverse Mercator Projection	

Latest date of graphic information	1957-63	1951-63
Road classification	1957-64	1951-64
Vegetation	1957-64	1951-64
All other features	1957-64	1951-64

Vertical Datum	Mean Sea Level
Transverse Mercator Projection	

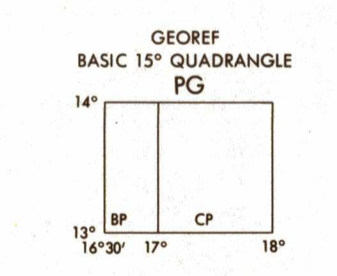
LOCATION DIAGRAM  
(INDEX SHOWN IN BLUE  
WAC INDEX SHOWN IN BROWN)

ND 33-7	ND 33-8	ND 34-5
ND 33-11	ND 33-12	ND 34-9
ND 33-15	ND 33-16	ND 34-13
CAMEROON 692 691		

GLOSSARY

- Bir.....well
- Hadjer.....hill, mountain
- Oued.....wadi, watercourse
- Prefecture.....primary administrative division
- Rahat.....playa (temporary lake)
- Rivière.....river

FEET	METERS	FEET	METERS
1000	305	1000	305
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305



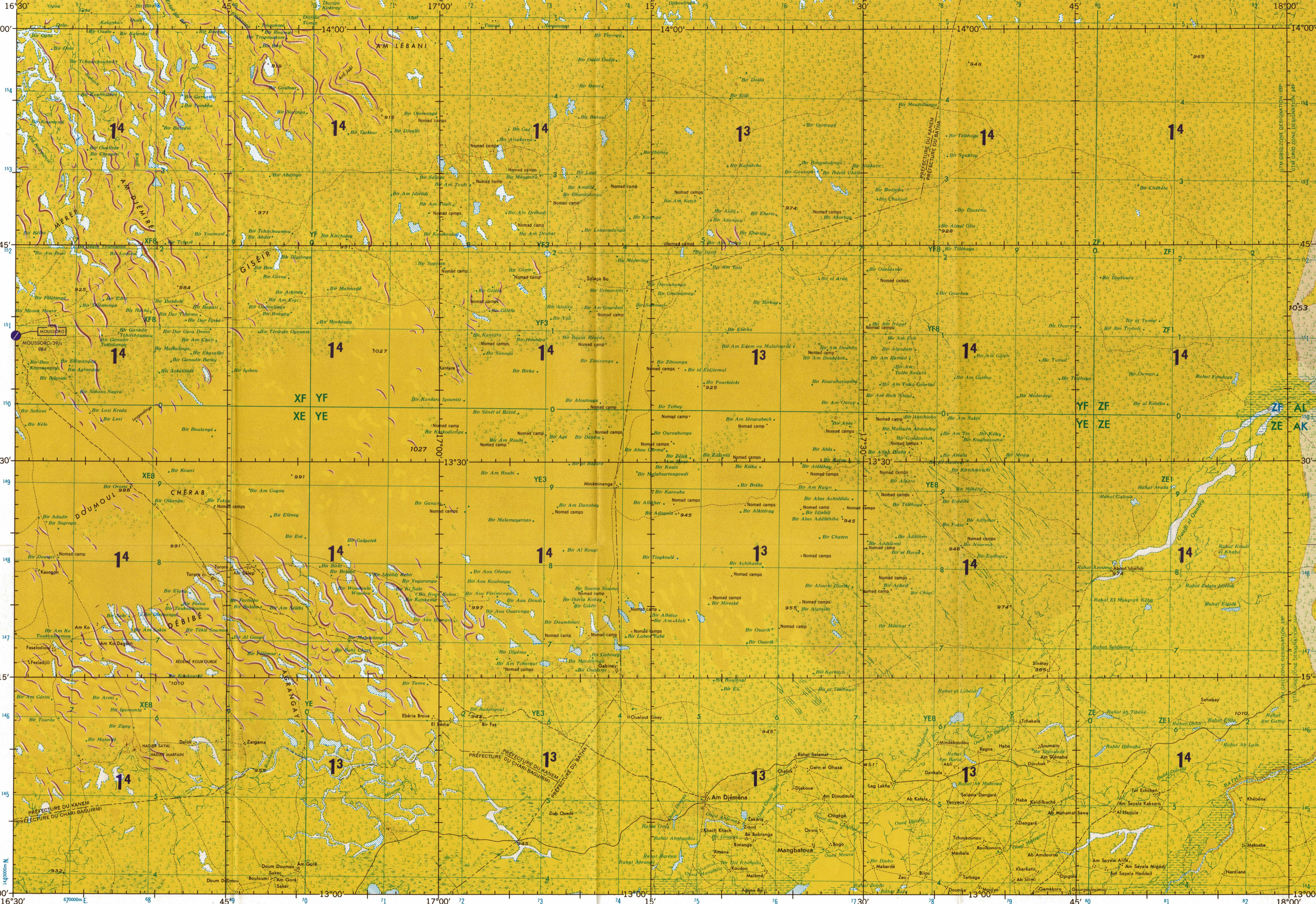
CAUTION  
AIR INFORMATION CURRENT THROUGH  
8 SEPTEMBER 1975  
Consult NOTAMS and Flight Information Publications for the latest information; the OOD Air Information Chart Updating Manual or MOD 101.1; Aeronautical Chart Amendment Document for other chart revision information.

MAGNETIC VARIATION FOR 1975 IS APPROXIMATELY  
21° WESTERLY OVER THE ENTIRE AREA.  
(Annual rate of change 4' decrease)

SCALE 1:250,000  
AM DJEMÉNA, CHAD

SERIES 1501 AIR  
SHEET ND 33-12  
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1



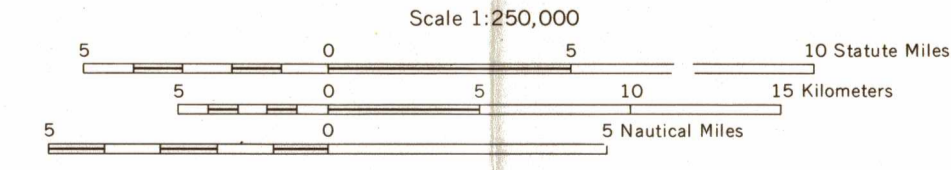
Prepared and published by the Defense Mapping Agency Topographic Center, Washington, D.C. 20315. Compiled in 1955. Revised by DMAAC October 1975.

DISTRIBUTION LIMITED—DESTROY  
WHEN NO LONGER NEEDED

GRID ZONE DESIGNATION	33P
100,000 M SQUARE IDENTIFICATION	XF YF ZF
TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS	XF YF ZF
SAMPLE POINT: SALAGA BO	XF YF ZF
1. Read letters identifying 100,000 meter square in which the point lies.	
2. Locate first vertical grid line to left of point and read LARGE figure. Add the line number in the top or bottom margin, or on the line itself.	
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure below the line either in the left or right margin, or on the line itself.	
4. Estimate tenths from grid line to point.	
SAMPLE REFERENCE	YF3416
If recording beyond 18° in any direction, prefix Grid Zone Designation, etc.	33PXF3416

ELEVATIONS IN FEET

# JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 135 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 33, CLARKE 1880 SPHEROID.

LEGEND

ROADS	All weather	3 LANES
	Hard surface, two or more lanes wide	2 LANES
	Loose or light surface, two or more lanes wide	1 LANE
	Hard surface, one lane wide	1 LANE
	Loose or light surface, one lane wide	1 LANE
	Fair or dry weather, loose surface	1 LANE
	Cart track, footpath, trail	1 LANE
RAILROADS	Normal gauge 1 m (3'3 3/4")	Multiple track
	Narrow gauge	Single track
BOUNDARIES	International	
	Primary administrative	
	Reservation	
	Woods-brushwood	
	Scattered trees, low growth	
	Orchard, plantation, vineyard	
	Rice	

ELEVATIONS IN FEET

AERODROMES (Military or Civil)	EDNA/50's	725
Field limits with runway pattern	EDNA-Name	50-length of longest runway to nearest hundreds of feet
	±50-ft or unimproved	Unknown surface
	725-Elevation	
Field limits, with runway pattern unknown		
Field limits unknown, with runway pattern		
Field limits and runway pattern unknown		
HELIPORT		
RADIO AIDS TO NAVIGATION	VHF OMNI RANGE (VOR)	VOR with DME
	VORTAC	Other facilities
	TACAN	

CONTROLLED AIRSPACE	ATLANTIC ADIZ
ADIZ	1108
VISUAL AIDS AND OBSTRUCTIONS	(259)
Obstruction	1108-Elevation of obstruction top, above sea level
	1259-Elevation of obstruction top, above ground level
Group obstruction	
Radio facility obstruction	
Power transmission line	
Visual ground sign	
Aero light	
TERRAIN ELEVATIONS	
Spot elevation, normal, critical	.768.1549
HIGHEST KNOWN elevation is 1053 feet at 13°41'N 18°01'E	
± following elevation value indicates accuracy is not within 100 feet.	

ATTENTION  
THIS CHART CONTAINS MAXIMUM  
ELEVATION FIGURES (MEF)  
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (crests, towers, antennas, etc.)  
Example: 12,500 feet.....125

NOTES  
No obstructions 200 feet or more above ground level are known to exist in this area.  
THIS GRAPHIC IS NOT AN AUTHORITY ON INTERNATIONAL BOUNDARIES.

DMA STOCK NO. 1501AND3312  
ED NO. 002