

SERIES 1501 AIR SHEET NG 38-9 EDITION 1

- POPULATED PLACES**
- First importance: AR RIYAD
 - Second importance: AL KHUBAR
 - Third importance: Bughayr
 - Fourth importance: Al-Huwah
 - Fifth importance: Dhar
- ROADS**
- Dual highway: 4 LANES DUAL
 - All weather, hard surface: 3 LANES
 - More than two lanes wide: 2 LANES
 - Two lanes wide: 1 LANE
 - One lane wide: 0.5 LANE
 - All weather, loose or light surface: 3 LANES
 - More than two lanes wide: 2 LANES
 - Two lanes wide: 1 LANE
 - One lane wide: 0.5 LANE
 - Fair or dry weather, loose surface: 1 LANE
 - Cart track, footpath, trail: 0.5 LANE
 - Route marker: 0.5 LANE
- BOUNDARIES**
- International: 1 LANE
 - First-order administrative: 1 LANE
 - Reservation: 1 LANE
- CULTURE**
- Church, Mosque, School: 1 LANE
 - Hut, Landmark feature: 1 LANE
 - Mine, Cove: 1 LANE
 - Tank, Well: 1 LANE
 - Area name: 1 LANE
- DRAINAGE**
- Disappearing stream: 1 LANE
 - Wadi, Spring: 1 LANE
 - Wadi, Wet sand, dry lake: 1 LANE
 - Marsh or swamp, Land subject to inundation: 1 LANE
- RELIEF**
- Mound, Levee: 1 LANE
 - Escarpment: 1 LANE
 - More than contour interval: 1 LANE
 - Less than contour interval: 1 LANE
 - Distorted surface, Sand: 1 LANE
 - Dunes, Ripple, Transverse, Crescent: 1 LANE
- VEGETATION**
- Orchard, Scattered trees (none shown): 1 LANE
- TERRAIN ELEVATIONS**
- Spot elevation: Normal, Critical: 1 LANE
 - HIGHEST KNOWN elevation is 4383 feet at the following coordinates: 25°08'N, 42°37'E
 - Grid: KNS883
 - The accuracy of all elevations shown on the graphic is not within 100 feet.
- AERODROMES (Military or Civil)**
- Runway pattern known: EDNA/501/725
 - EDNA-Name: 501-Length of longest runway to nearest hundreds of feet
 - s-Soft or unimproved surface
 - 725-Elevation
 - Runway pattern unknown: 1 LANE
- HELIPORT/HELIPAD**
- 1 LANE
- RADIO FACILITIES**
- RADIO RANGE LF/MF: 1 LANE
 - MULTIPLE RADIO FACILITIES: 1 LANE
- CONTROLLED AIRSPACE**
- ADIZ: ATLANTIC ADIZ
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction: 1108-Elevation of obstruction top, above sea level (259)-Elevation of obstruction top, above ground level
 - Group obstruction: 1 LANE
 - Radio facility obstruction: 1 LANE
 - Power transmission line: 1 LANE
 - Visual ground sign: 1 LANE
 - Aero light, Marine light: 1 LANE

CAUTION
Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

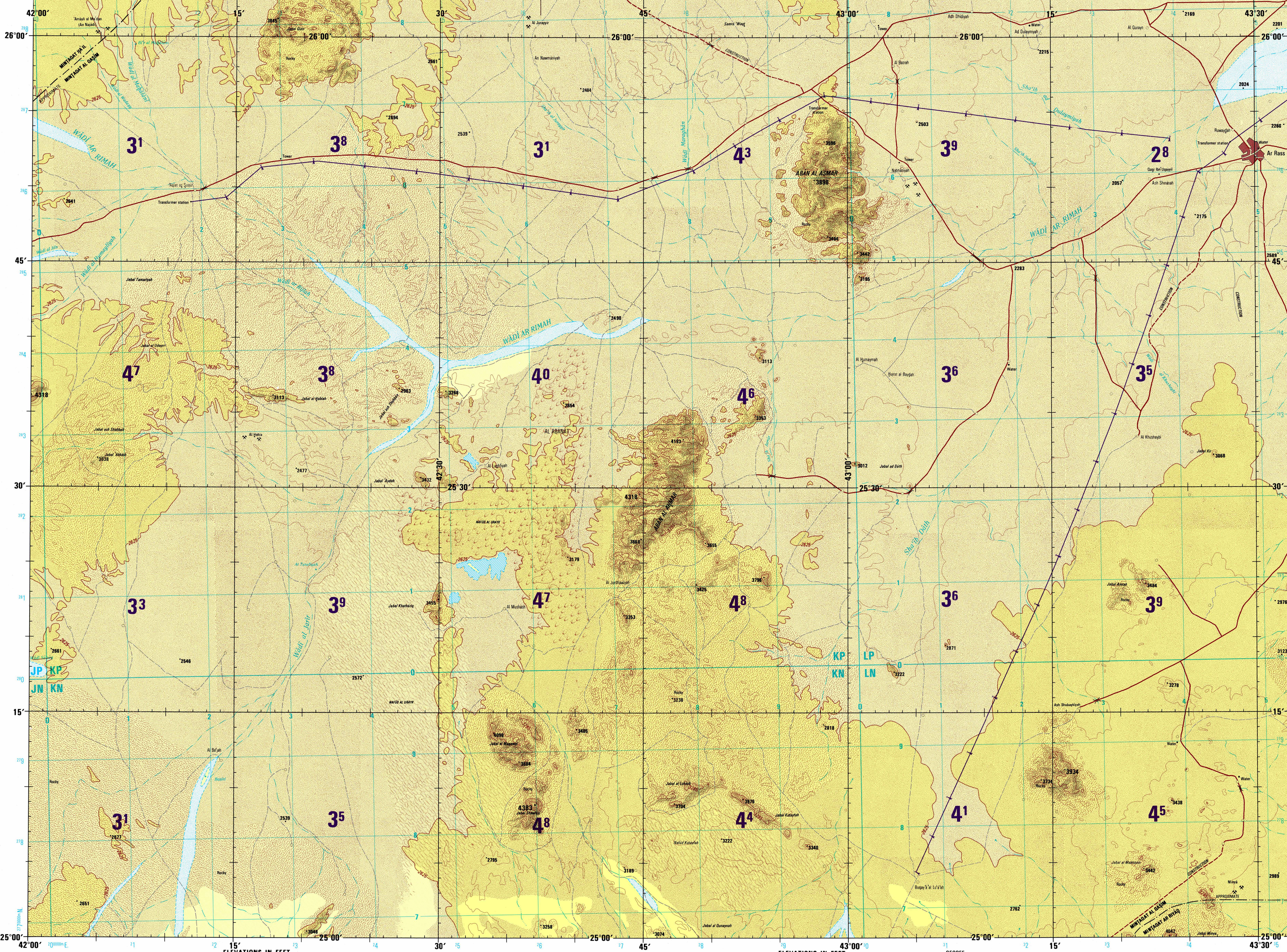
CAUTION
AIR INFORMATION CURRENT THROUGH 28 MARCH 1990
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

MAGNETIC VARIATION FOR 1985 IS APPROXIMATELY 2 1/2° E OVER THE ENTIRE AREA
(Annual rate of change 3' increase)

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 (trees, towers, antennas, etc.).
125
EXAMPLE: 12,500 feet

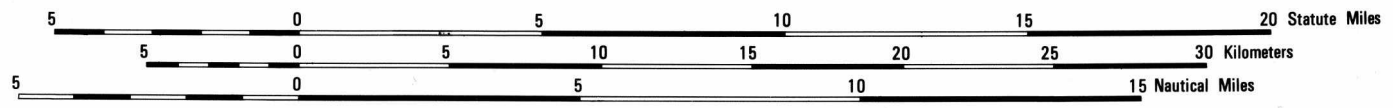
LOCATION DIAGRAM
(WAC INDEX SHOWN IN RED/BROWN)

NG 37-3	545	546	NG 37-4	547	548	NG 38-1	NG 38-2	NG 38-3
NG 37-7	549	550	NG 37-8	551	552	NG 38-5	NG 38-6	NG 38-7
NG 37-11	553	554	NG 37-12	555	556	NG 38-9	NG 38-10	NG 38-11
NG 37-15	557	558	NG 37-16	559	560	NG 38-13	NG 38-14	NG 38-15
NF 37-3	563	564	NF 37-4	565	566	NF 38-1	NF 38-2	NF 38-3



JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38, WORLD GEODETIC SYSTEM ELLIPSOID.

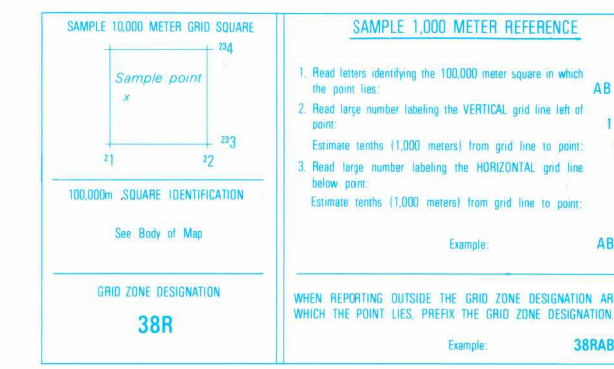
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0889; COMMERCIAL 314-263-4884; DSN 883-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-86, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-9003.

GLOSSARY

- B'1 well
- Jabal, Jabal mountain, hill
- Murqab first-order administrative division
- Nafid dune area
- Qay fort, palace, castle
- Sh'ib wadi
- Wadi wadi

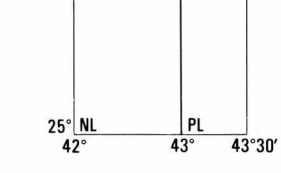
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
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
100	48	1500	457
100	31	1000	305

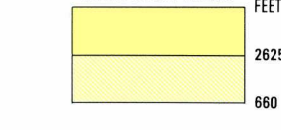


GEOREF

BASIC 15° QUADRANGLE



ELEVATION TINTS



RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

PLOTING ACCURACY	90% ASSURANCE	
	AREA I	AREA II
Horizontal Contours	within 810 ft 105 ft	within 610 ft 105 ft
GRAPHIC FEATURE	DATE OF INFORMATION	
Contours	1987	1988
All other features	1987	1984

Horizontal Datum: World Geodetic System
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

NOTES

- Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.
- On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.
- Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.
- Road classification should be referred to with caution.

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SCALE 1:250,000
AL JURDHAWIYAH, SAUDI ARABIA
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Unphotographed by DMAAC 5/94
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