

SERIES 1501 AIR
SHEET NG 38-7
EDITION 2

- POPULATED PLACES**
- Over 100,000 **AR RIYAD**
 - 50,000 to 100,000 **QATIF**
 - 10,000 to 50,000 **Turayf**
 - 2,000 to 10,000 **Al 'Ugair**
 - Less than 2,000 (DB)
- ROADS**
- Dual highway **4 LANES DUAL**
 - All weather, hard surface **4 LANES**
 - More than two lanes wide
 - Two lanes wide
 - One lane wide
 - All weather, loose or light surface **3 LANES**
 - More than two lanes wide
 - Two lanes wide
 - One lane wide
 - Fair or dry weather, loose surface
 - Cart track
 - Footpath, trail
 - Route marker
- RAILROADS**
- Normal gauge, single track 1.44m (4'8 1/2"); Double track
 - Narrow gauge
- BOUNDARIES**
- International

- OTHER FEATURES**
- Area name
 - Mine or quarry
 - Campsite, Ruins, Watermill
 - School, Church, Landmark
 - Fence
 - Small reservoir or cistern
 - Well, Perennial, Intermittent, Spring
 - Underground aqueduct with shafts
 - Sabkha or Dry lake, Intermittent lake
 - Single line intermittent stream, Wadi
 - Marsh or swamp; Land subject to inundation
 - Mound, Levee
 - Mudflat, Distorted surface
 - Sand, flat or rolling, Sand dunes
 - Horizontal control point
- VEGETATION**
- Woods, brushwood, Scattered trees
 - Orchard, vineyard, Scrub
- HYDROGRAPHY**
- Rocks, uncovers or awash
 - Equipped wreck
 - Limit of danger, Reef
 - Foreshore flat
 - Depth curve; Lighthouse

- TERRAIN ELEVATIONS**
- Spot elevation, normal, critical
 - HIGHEST KNOWN elevation is **2503** feet at the following coordinates: Geographic: 26°00'N, 46°02'E; Grid: NP0476
 - following elevation value indicates accuracy is not within 100 feet
- AERODROMES (Military or Civil)**
- EDNA/50/4
 - Runway pattern known
 - Field limits and runway pattern unknown
- HELIPORT**
- VOR, VORTAC
 - TACAN, VOR/DME
 - RADIO RANGE LF/MF
 - MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- A01Z

- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
 - 1108-Elevation of obstruction top, above sea level (259)-Elevation of obstruction top, above ground level
 - Group obstruction
 - Radio facility obstruction
 - Power transmission line
 - Visual ground sign
 - Aero light; Marine light

- CAUTION**
- AIR INFORMATION CURRENT THROUGH 10 JANUARY 1991**
- Consult NOTAMS and Flight Information Publications for the latest air information; the DMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.
- MAGNETIC VARIATION FOR 1990 IS APPROXIMATELY 2°30' EAST OVER THE ENTIRE AREA (Annual rate of change, no change)
- ATTENTION**
- THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**
- The Maximum Elevation Figures shows 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.).
- EXAMPLE: 12,500 feet**
- 125**

LOCATION DIAGRAM

Boundary Representation is Not Necessarily Authoritative

(MAC INDEX SHOWN IN RED/BROWN)

NP 38-13	NP 38-14	NP 38-15	NP 38-16	NP 38-17
NP 38-1	NP 38-2	NP 38-3	NP 38-4	NP 38-5
NP 38-6	NP 38-7	NP 38-8	NP 38-9	NP 38-10
NP 38-11	NP 38-12	NP 38-13	NP 38-14	NP 38-15

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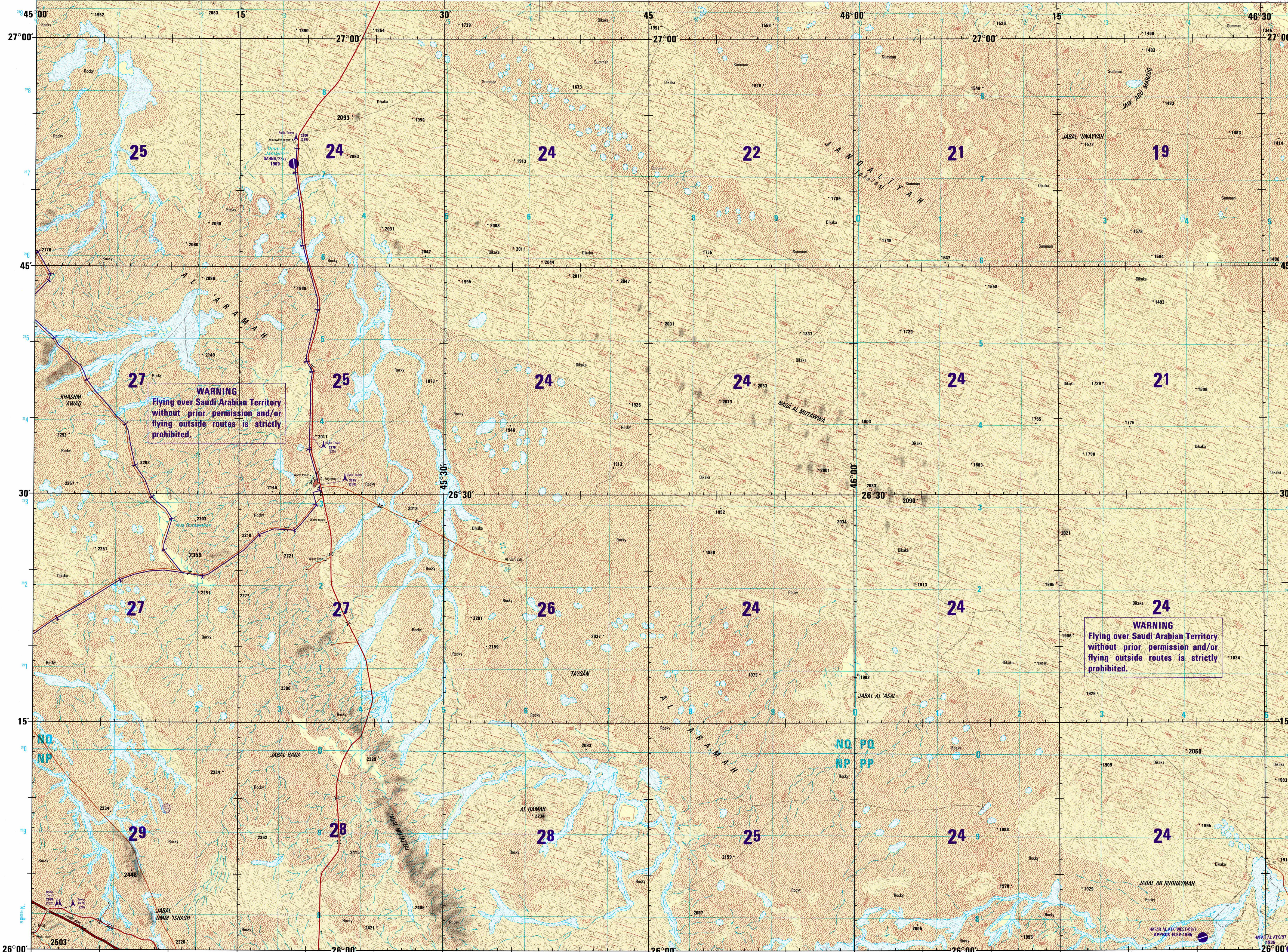
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2133
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

SCALE 1:250,000

AL ARTAWIYAH, SAUDI ARABIA

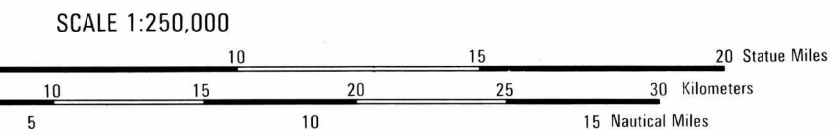
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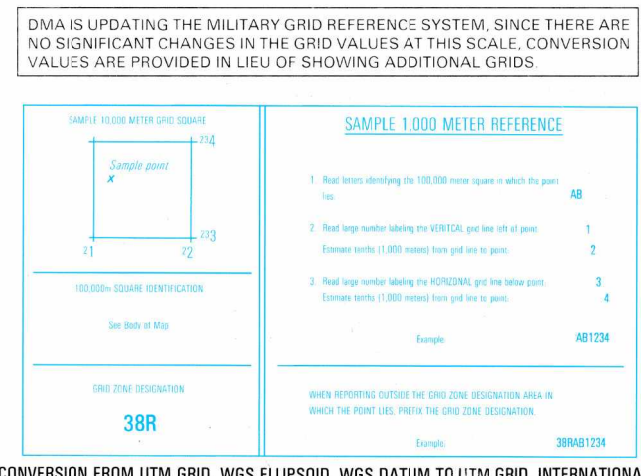
WARNING
Flying over Saudi Arabian Territory without prior permission and/or flying outside routes is strictly prohibited.

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JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 165 FEET
WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 85 FOOT INTERVALS

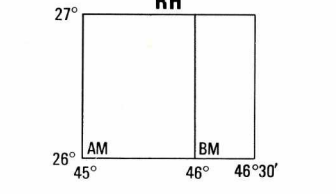


USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-8899; COMMERCIAL 314-263-4884; DSN 693-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-8, 4801 SANGAMORE ROAD, BETHESDA, MD 20818-5003.

- GLOSSARY**
- Dikaka.....hummocks
 - Jabal.....mountain, hill
 - Khashm.....depression
 - Summan.....crank, spur
 - Summan.....escarpment

GEOREF BASIC 15° QUADRANGLE

RH



RELIABILITY OF THIS GRAPHIC

(as determined by standard practice)

PLOTTING ACCURACY 95% ASSURANCE	AREA	
	AREA I	AREA II
Horizontal	within 100 ft.	within 100 ft.
Vertical	within 100 ft.	within 100 ft.
Contour	within 165 ft.	within 165 ft.

GRAPHIC FEATURE	DATE OF REPERMUTATION	
	AREA I	AREA II
Contour	1981	1981
All Other Features	1987	1988

NOTES

Powerlines are shown except within populated place limits. 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. BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE. Road classification should be referred to with caution.

ELEVATION TINTS

FEET

100

Horizontal Datum: World Geodetic System
Vertical Datum: Mean Sea Level
Transverse Mercator Projection
Datum Conversion from WGS Datum to European Datum is +4.4" Latitude and +0.4" Longitude.

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