

**SERIES 1501 AIR SHEET NE 38-6 EDITION 1**

**POPULATED PLACES**

Over 100,000	AR RIVÁQ
50,000 to 100,000	AL QATÍF
10,000 to 50,000	Turayf
2,000 to 10,000	Al 'Uqayr
Less than 2,000	Quba

**ROADS**

Dual highway	4 LANES DUAL
All weather, hard surface	4 LANES
More than two lanes wide	4 LANES
Two lanes wide	4 LANES
One lane wide	4 LANES
All weather, loose or light surface	3 LANES
More than two lanes wide	3 LANES
Two lanes wide	3 LANES
One lane wide	3 LANES
Fair or dry weather, loose surface	3 LANES
Cart track	3 LANES
Footpath, trail	3 LANES
Route marker	3 LANES

**RAILROADS**

Normal gauge, single track 1.44m (4'8 1/2") Double track	3 LANES
Narrow gauge	3 LANES

**BOUNDARIES**

International	3 LANES
---------------	---------

**OTHER FEATURES**

Mine or quarry	3 LANES
Campsite, Ruins, Watermill	3 LANES
School, Church, Landmark	3 LANES
Mosque, Moslem shrine	3 LANES
Small reservoir or cistern	3 LANES
Well, Perennial, Intermittent, Spring	3 LANES
Underground aqueduct with shafts	3 LANES
Sabkha or Dry lake, Intermittent lake	3 LANES
Single line intermittent stream, Wadi	3 LANES
Marsh or swamp; Land subject to inundation	3 LANES
Mound, Levee	3 LANES
Mudflat, Distorted surface	3 LANES
Sand, flat or rolling; Sand dunes	3 LANES
Horizontal control point	3 LANES

**VEGETATION**

Woods, scrubwood, Scattered trees	None
Orchard, vineyard; Scrub	None

**HYDROGRAPHY**

Rocks, uncovering or awash	None
Exposed wreck	None
Limit of danger; Reef	None
Foreshore flat	None
Depth curve, Lighthouse	None

**TERRAIN ELEVATIONS**

Spot elevation, normal; critical \*646 \*840  
 HIGHEST KNOWN elevation is 7415 feet at the following coordinates:  
 Geographic: 18°00'N, 43°04'E  
 Grid: UG200  
 ± following elevation value indicates accuracy is not within 100 feet

**AERODROMES (Military or Civil)**

Runway pattern known	EDNA, 750/5
Field limits and runway pattern unknown	725

**RADIO FACILITIES**

HELIPORT	EDNA, 750/5
VOR VORTAC	EDNA, 750/5
TACAN VOR/DME	EDNA, 750/5
RADIO RANGE LF/MF	EDNA, 750/5
MULTIPLE RADIO FACILITIES	EDNA, 750/5

**CONTROLLED AIRSPACE**

ADIZ	ATLANTIC, ADIZ
------	----------------

**VISUAL AIDS AND OBSTRUCTIONS**

Obstruction	1108 (259)
1108 Elevation of obstruction top, above sea level	(259)
(259) Elevation of obstruction top, above ground level	(259)
Group obstruction	(259)
Radio facility obstruction	(259)
Power transmission line	(259)
Visual ground sign	(259)
Aero light, Marine light	(259)

**CAUTION**

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

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 26 JUNE 1992**

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 1°45' EASTERLY OVER THE ENTIRE AREA**  
 (Annual rate of change 1" 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**

Boundary Representation is Not Necessarily Authoritative  
 (ONIC INDEX SHOWN IN BLUE)  
 (MAG INDEX SHOWN IN RED/BROWN)

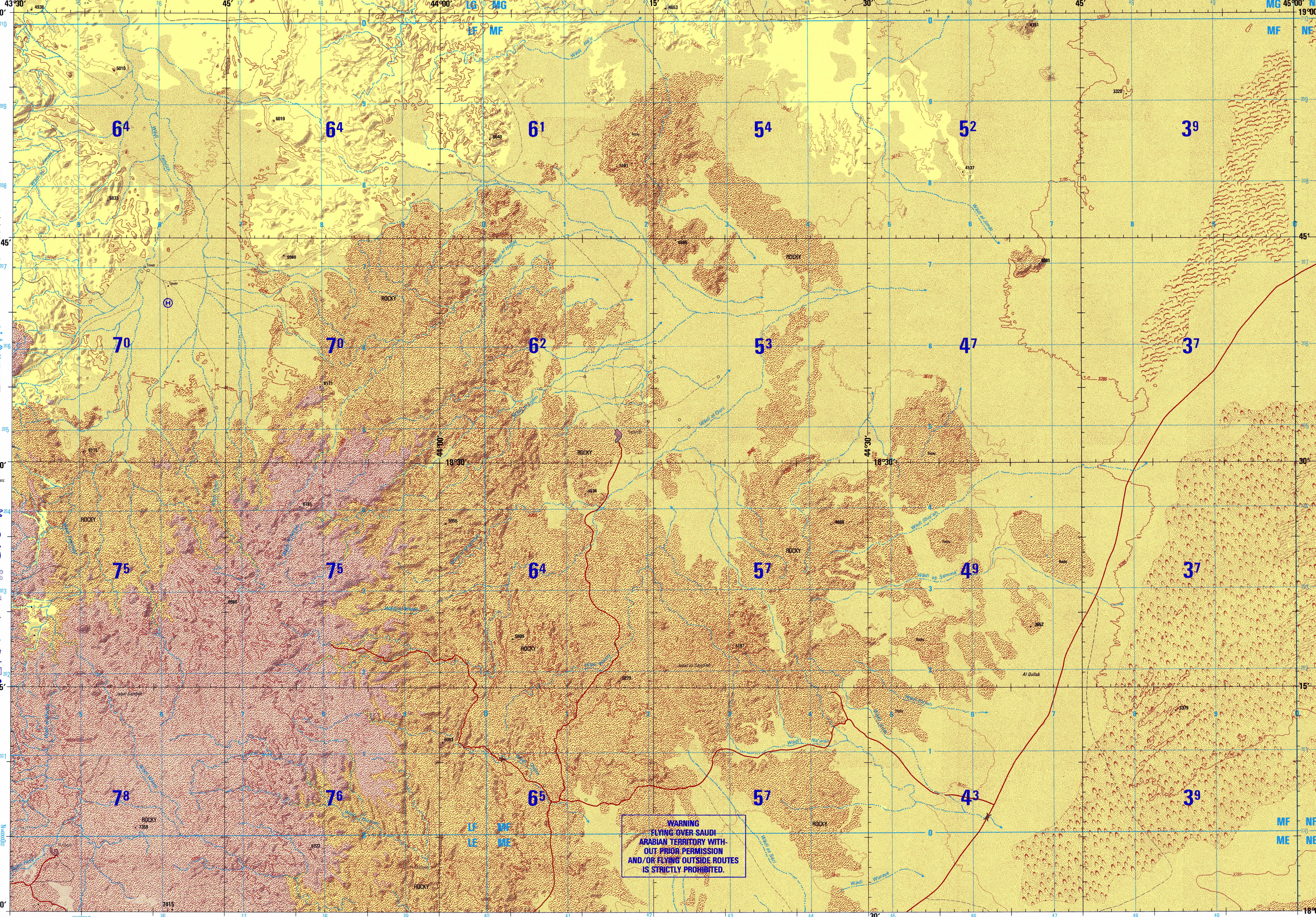
NE 37-16	NE 37-13	NE 37-10	NE 37-7	NE 37-4
509	505	501	497	493
NE 37-4	NE 38-1	SAUDI ARABIA	NE 38-3	NE 38-4
607	608	609	610	611
NE 37-8	NE 38-5	NE 38-6	NE 38-7	NE 38-8
PREO SEA	NE 38-9	NE 38-10	NE 38-11	NE 38-12
312	318	324	330	336
650	655	YEMEN	No Defined Boundary	NE 38-15
NE 37-16	NE 38-13	NE 38-14	NE 38-15	NE 38-16

**CONVERSION OF ELEVATIONS**

FEET	METERS	FEET	METERS
1000	305	10000	3048
1000	304	9000	2743
1000	304	8000	2438
1000	304	7000	2133
1000	303	6000	1828
1000	303	5000	1523
1000	302	4000	1219
1000	301	3000	914
1000	301	2000	610
1000	300	1500	457
1000	300	1000	305

**SCALE 1:250,000**  
**YADAMAH, SAUDI ARABIA**

SERIES 1501 AIR SHEET NE 38-6 EDITION 1



Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis, Missouri 63118-3399, Compiled November 1991.



THE DATUM AND ELLIPSOID FOR THIS AREA HAVE BEEN CHANGED, FOR ADJACENT AND OVERLAPPING SHEETS, THERE ARE NO SIGNIFICANT CHANGES IN GRID OR GEOGRAPHIC VALUES AT THIS SCALE.

**SAMPLE 1000 METER GRID**

1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000
1000	1000	1000	1000

**SAMPLE 1000 METER REFERENCE**

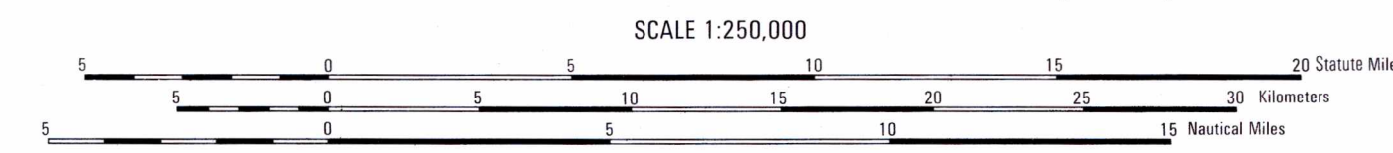
1. Read down starting on the 1000 meter square in which the point lies.
2. Read right across starting on the 1000 meter square in which the point lies.
3. Read right across starting on the 1000 meter square in which the point lies.
4. Read right across starting on the 1000 meter square in which the point lies.

EXAMPLE: 481234

EXAMPLE: 380

EXAMPLE: 380481234

**JOINT OPERATIONS GRAPHIC (AIR)**



CONTOUR INTERVAL APPROXIMATELY 330 FEET

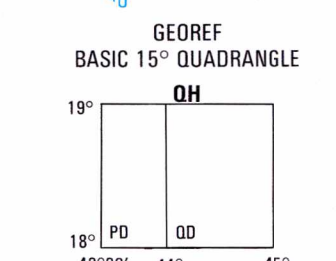
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38Q, WORLD GEODESIC SYSTEM ELLIPSOID

COORDINATE CONVERSION FROM WGS 84 TO EUROPEAN  
 Grid: Add 1" Long, Add 187" N  
 Geographic: Add 1" Long, Add 4 6" Lat.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NSA OPERATIONAL HELP DESK:  
 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 893-4884; OR WRITE TO: DIRECTOR, NATIONAL GEOSPATIAL-  
 INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-38, 4800 SANGAMORE ROAD, BETHESDA, MD 20816-9003.

**GLOSSARY**

Jabal	mountain
Wadi	wadi



**RELIABILITY OF THIS GRAPHIC**  
 (As determined by standard practices)

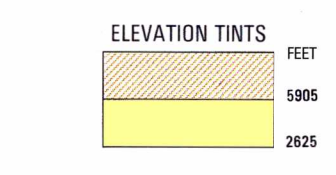
Horizontal	Within 420 ft
Vertical	Within 250 ft
GRAPHIC FEATURE	DATE OF INFORMATION
All features	1990

**NOTES**

No obstructions 200 feet or more above ground level are known to exist in this area.  
 On this graphic, a line is generally considered as being 8 feet (2.5 meters) in width.

**ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.**

Road classification should be referred to with caution.



Horizontal Datum: World Geodetic System, 1984  
 Vertical Datum: Mean Sea Level  
 Transverse Mercator Projection

Reprinted by NSA 8-04

NSN 764101 4098973  
 NGA Ref No: 1501ANE3806