

SERIES 1501 AIR SHEET NG 38-11 EDITION 5

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 Uqayr
- Less than 2,000 (Dotted)

ROADS

- Dual highway All weather, hard surface
- More than two lanes wide 4 LANES
- Two lanes wide
- One lane wide
- All weather, loose or light surface
- More than two lanes wide 3 LANES
- 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

- First-order administrative
- Area name
- Mine or quarry
- Campsite, Ruins, Watermill
- School, Church, Landmark
- Mosque, Muslim shrine
- Small reservoir or cistern
- Well, Perennial, Intermittent, Spring
- Underground aqueduct with shafts
- Sabkha or Dry lake, Intermittent lake
- Single line intermittent stream, Wadi
- Marsb or swamp; Land subject to inundation
- Mound, levee
- Mudflat, Disturbed surface
- Sand, flat or rolling, Sand dunes
- Horizontal control point

VEGETATION

- Woods, brushwood, Scattered trees
- Orchard, vineyard, Scrub
- Hydrography
- Rocks, uncovers or awash
- Exposed wreck
- Limit of danger, Reef
- Foreshore flat
- Depth curve, Lighthouse

TERRAIN ELEVATIONS

- Spot elevation, normal, vertical
- HIGHEST KNOWN ELEVATION IS 3320 feet at the following coordinates: Geographic 25°05'N 45°32'E Grid NN8070
- ± following elevation value indicates accuracy is not within 100 feet

AERODROMES (Military or Civil)

- EDNA/50/7
- Runway pattern known 725
- Field limits and runway pattern unknown

RADIO FACILITIES

- VOR/VORTAC
- TACAN VOR/OME

RADIO RANGE LF/MF

- HURN
- NDB RING
- PARIS

MULTIPLE RADIO FACILITIES

- ATLANTIC ADIZ

CONTROLLED AIRSPACE

- ADIZ

VISUAL AIDS AND OBSTRUCTIONS

- Obstruction 1108 (259)
- 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 30 APR 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°15' 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 features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

EXAMPLE: 12,500 feet. **125**

LOCATION DIAGRAM

(MAC INDEX SHOWN IN BLUE)

(MAC INDEX SHOWN IN RED/BROWN)

NG 38-1	NG 38-2	NG 38-3	NG 38-4	NG 38-5
NG 38-6	NG 38-7	NG 38-8	NG 38-9	NG 38-10
NG 38-11	NG 38-12	NG 38-13	NG 38-14	NG 38-15
NG 38-16	NG 38-17	NG 38-18	NG 38-19	NG 38-20

LIMITED DISTRIBUTION

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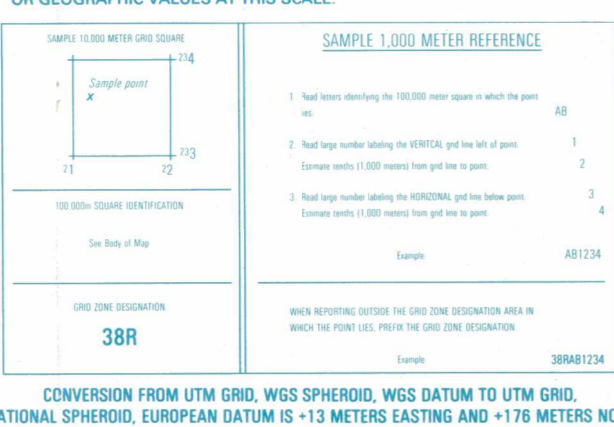
MARAH, SAUDI ARABIA

SERIES 1501 AIR SHEET NG 38-11 EDITION 5

SERIES 1501 COMPANION SHEET IS EDITION 2

CONVERSION OF ELEVATIONS

FEET	METERS
1000	305
2000	610
3000	915
4000	1220
5000	1525
6000	1830
7000	2135
8000	2440
9000	2745
10000	3050
11000	3355
12000	3660
13000	3965
14000	4270
15000	4575
16000	4880
17000	5185
18000	5490
19000	5795
20000	6100
21000	6405
22000	6710
23000	7015
24000	7320
25000	7625
26000	7930
27000	8235
28000	8540
29000	8845
30000	9150
31000	9455
32000	9760
33000	10065
34000	10370
35000	10675
36000	10980
37000	11285
38000	11590
39000	11895
40000	12200
41000	12505
42000	12810
43000	13115
44000	13420
45000	13725
46000	14030
47000	14335
48000	14640
49000	14945
50000	15250
51000	15555
52000	15860
53000	16165
54000	16470
55000	16775
56000	17080
57000	17385
58000	17690
59000	17995
60000	18300
61000	18605
62000	18910
63000	19215
64000	19520
65000	19825
66000	20130
67000	20435
68000	20740
69000	21045
70000	21350
71000	21655
72000	21960
73000	22265
74000	22570
75000	22875
76000	23180
77000	23485
78000	23790
79000	24095
80000	24400
81000	24705
82000	25010
83000	25315
84000	25620
85000	25925
86000	26230
87000	26535
88000	26840
89000	27145
90000	27450
91000	27755
92000	28060
93000	28365
94000	28670
95000	28975
96000	29280
97000	29585
98000	29890
99000	30195
100000	30500



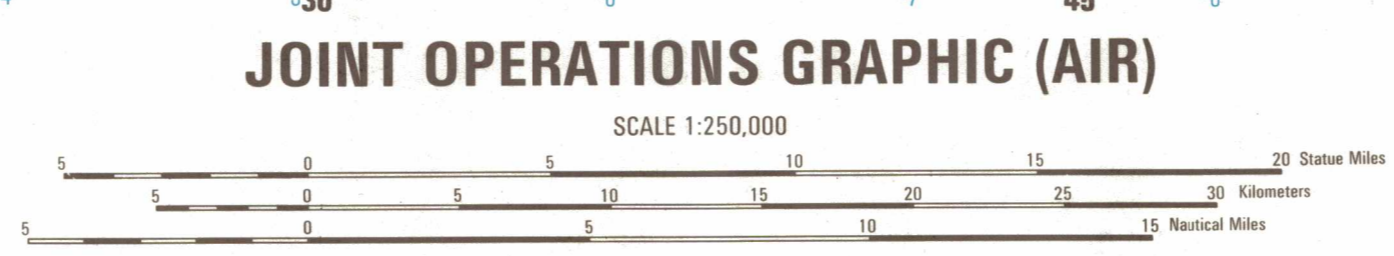
ELEVATIONS IN FEET

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SCALE 1:250,000

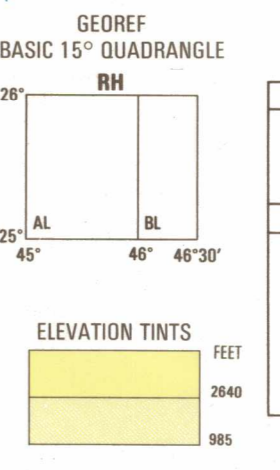
CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT 85 FOOT INTERVALS

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



GLOSSARY

- 'Asamah ..... plateau
- lq ..... long linear sand ridge
- Jabal ..... mountain, hill
- Kham ..... peak, spur
- Mushab ..... waterhole
- Nafid ..... large area of sand dunes
- Sakhat ..... salt marsh
- Shb ..... small linear sand ridge
- Wadi ..... small linear sand ridge



RELIABILITY OF THIS GRAPHIC

(as determined by standard practices)

PLANNING ACCURACY SIN ASSURANCE

GRAPHIC FEATURE	DATE OF INFORMATION
Horizontal Contours	1987
Vertical Contours	1988
All other features	1987

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. Flood classifications should be referred to with caution.

WARNING

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