

SERIES 1501 AIR SHEET NF 37-15 EDITION 4

POPULATED PLACES

Over 100,000 **DIMASHQ (DAMAS)**  
 50,000 to 100,000 **AL HADAYDAH**  
 10,000 to 50,000 **Aljmn**  
 2,000 to 10,000 **Dair al Amir**  
 Less than 2,000 **Khaysa**

**ROADS**  
 Dual highway 4 LANES DUAL  
 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  
 Normal gauge

**BOUNDARIES**  
 International  
 First-order administrative

**OTHER FEATURES**  
 Area name HAUD  
 Name or quarry  
 Campsite, Ruins, Watermill  
 School, Church, Landmark  
 Mosque, Muslim shrine  
 Small reservoir or cistern  
 Well, Perennial, Intermittent, Spring  
 Underground aqueduct with shafts  
 Salakha or Dry lake, Intermittent lake  
 Single line intermittent stream, Wadi  
 Marsh or swamp, Land subject to inundation  
 Mound, Levee

**VEGETATION**  
 Cultivated, Scattered trees  
 Mangrove

**HYDROGRAPHY**  
 Rocks, uncovering or awash  
 Exposed wreck  
 Lines of danger, Reef  
 Fossiliferous flat  
 Depth curve, Lighthouse

**TERRAIN ELEVATIONS**  
 Spot elevation, normal, critical  
 HIGHEST KNOWN elevation is 7284 feet at the following coordinates:  
 Geographic Grid 20°57'N, 40°28'E  
 UTM Grid 19SAD18

**AERODROMES (Military or Civil)**  
 Field limits and runway pattern unknown  
 Runway pattern known  
 EDNA/50/4  
 725

**RADIO FACILITIES**  
 VOR VORTAC  
 TACAN VOR/DME  
 RADIO TRANCE LT/FM  
 MULTIPLE RADIO FACILITIES  
 CONTROLLED AIRSPACE  
 ATLANTIC ADIZ

**VISUAL AIDS AND OBSTRUCTIONS**  
 ADIZ  
 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**  
 Vertical obstructions, including powerlines, have been omitted from this chart because they are not shown, or their true height or height is not known.

**CAUTION**  
 AIR INFORMATION CURRENT THROUGH  
 17 APRIL 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°00' EAST 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

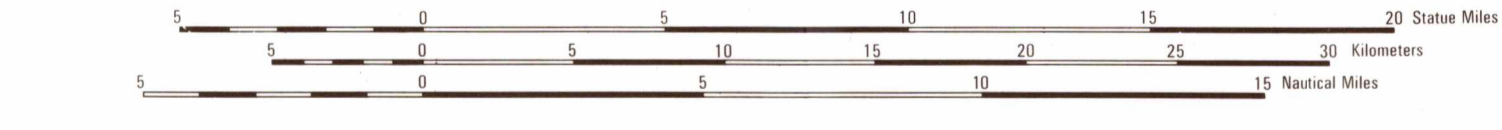
**LOCATION DIAGRAM**  
 Boundary Representation is Not Necessarily Authoritative  
 (MAG INDEX SHOWN IN RED/BROWN)  
 43°30'



Prepared under the direction of the Director General of Military Survey, Ministry of Defence, United Kingdom, 1988.  
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 Compiled 1986. Revised by DMAAC May 1991.

**ELEVATIONS IN FEET**

**JOINT OPERATIONS GRAPHIC (AIR)**



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 165 FOOT INTERVALS

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, WORLD GEODETIC SYSTEM SPHEROID.

**CONVERSION OF ELEVATIONS**

FEET	METERS
1000	305
10000	3048
2000	610
3000	914
4000	1219
5000	1524
6000	1829
7000	2134
8000	2438
9000	2743
10000	3048
11000	3353
12000	3658
13000	3963
14000	4268
15000	4573
16000	4878
17000	5183
18000	5488
19000	5793
20000	6098

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**SCALE 1:250,000**  
**AL LITH, SAUDI ARABIA**

**DMA IS UPDATING THE MILITARY GRID REFERENCE SYSTEM SINCE THERE ARE NO SIGNIFICANT CHANGES IN THE GRID VALUES AT THIS SCALE, CONVERSION VALUES ARE PROVIDED IN LIEU OF SHOWING ADDITIONAL GRIDS.**

**CONVERSION FROM UTM GRID, WGS SPHEROID, WGS DATUM TO UTM GRID, INTERNATIONAL SPHEROID, EUROPEAN DATUM IS -31 METERS EASTING AND +175 METERS NORTHING.**

**ELEVATIONS IN FEET**

**GEOREF BASIC 15° QUADRANGLE OH**

**GLOSSARY**

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

PLOTTING ACCURACY	90% ASSURANCE	AREA	AREA	AREA	AREA
Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical
±0.25m	±0.25m	±0.25m	±0.25m	±0.25m	±0.25m

**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. Depth curves on the graphic are not shown because of inadequate information.

**Horizontal Datum:** World Geodetic System  
**Vertical Datum:** Mean Sea Level  
**Conversion:** Transverse Mercator Projection  
**Datum Conversion:** From WGS Datum to European Datum is +4.8" Latitude and +1.0" Longitude.

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