

SERIES 1501 AIR SHEET NG 38-4 EDITION 6

SERIES 1501 COMPANION SHEET IS EDITION 4-6555

POPULATED PLACES

Over 100,000	DIMASHQ (DAMAS)
50,000 to 100,000	AL HUJAYDAH
10,000 to 50,000	Ajman
2,000 to 10,000	Dār al Amir
Less than 2,000	Khayis

ROADS

Dual highway	2 LANE ROAD
All weather, hard surface	4 LANES
More than two lanes wide	4 LANES
Two lanes wide	3 LANES
One lane wide	3 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

Area name	AD DIBDIBAH
Mine or quarry	3 LANES
Campsite, Ruins, Watermill	3 LANES
School, Church, Landmark	3 LANES
Mosque, Muslim shrine	3 LANES
Small reservoir or cistern	3 LANES
Well, Fennel, Intermittent Spring	3 LANES
Underground aqueduct with shafts	3 LANES
Saltlake or Dry Lake, Intermittent lake	3 LANES
Single line intermittent stream, Wadi	3 LANES
Marsh or swamp, Land subject to inundation	3 LANES
Moored, Levee	3 LANES
Gravel, Distorted surface	3 LANES
Sand, flat or rolling, Sand dunes	3 LANES
Horizontal control point	3 LANES

VEGETATION

Woods, brushwood, Scattered trees	3 LANES
Distorted, overcast, Scrub	3 LANES
None	3 LANES
None	3 LANES
None	3 LANES

HYDROGRAPHY

Rocks, uncovering or awash	3 LANES
Exposed wreck	3 LANES
Limit of danger, Reef	3 LANES
Foreshore flat	3 LANES
Death cone, Lighthouse	3 LANES

TERRAIN ELEVATIONS

Spot elevation, normal, critical	3 LANES
HIGHEST KNOWN elevation is 1345 feet at the following coordinates 27°00' N, 46°30' E	3 LANES
Geographic	3 LANES
Grid	3 LANES

AERODROMES (Military or Civil)

Runway pattern known	3 LANES
Field limits and runway pattern unknown	3 LANES

RADIO FACILITIES

VOR/VORTAC	3 LANES
TACAN, VOR/DME	3 LANES
RADIO RANGE LF/MF	3 LANES
MULTIPLE RADIO FACILITIES	3 LANES
CONTROLLED AIRSPACE	3 LANES
ADIZ	3 LANES

VISUAL AIDS AND OBSTRUCTIONS

Obstruction	3 LANES
1108 Elevation of obstruction top, above sea level (259) Elevation of obstruction top, above ground level	3 LANES
Group obstruction	3 LANES
Radio facility obstruction	3 LANES
Power transmission line	3 LANES
Visual ground sign	3 LANES
Aero light, Marine light	3 LANES

CAUTION
AIR INFORMATION CURRENT THROUGH 9 JULY 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 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 features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

EXAMPLE: 12,500 feet **125**

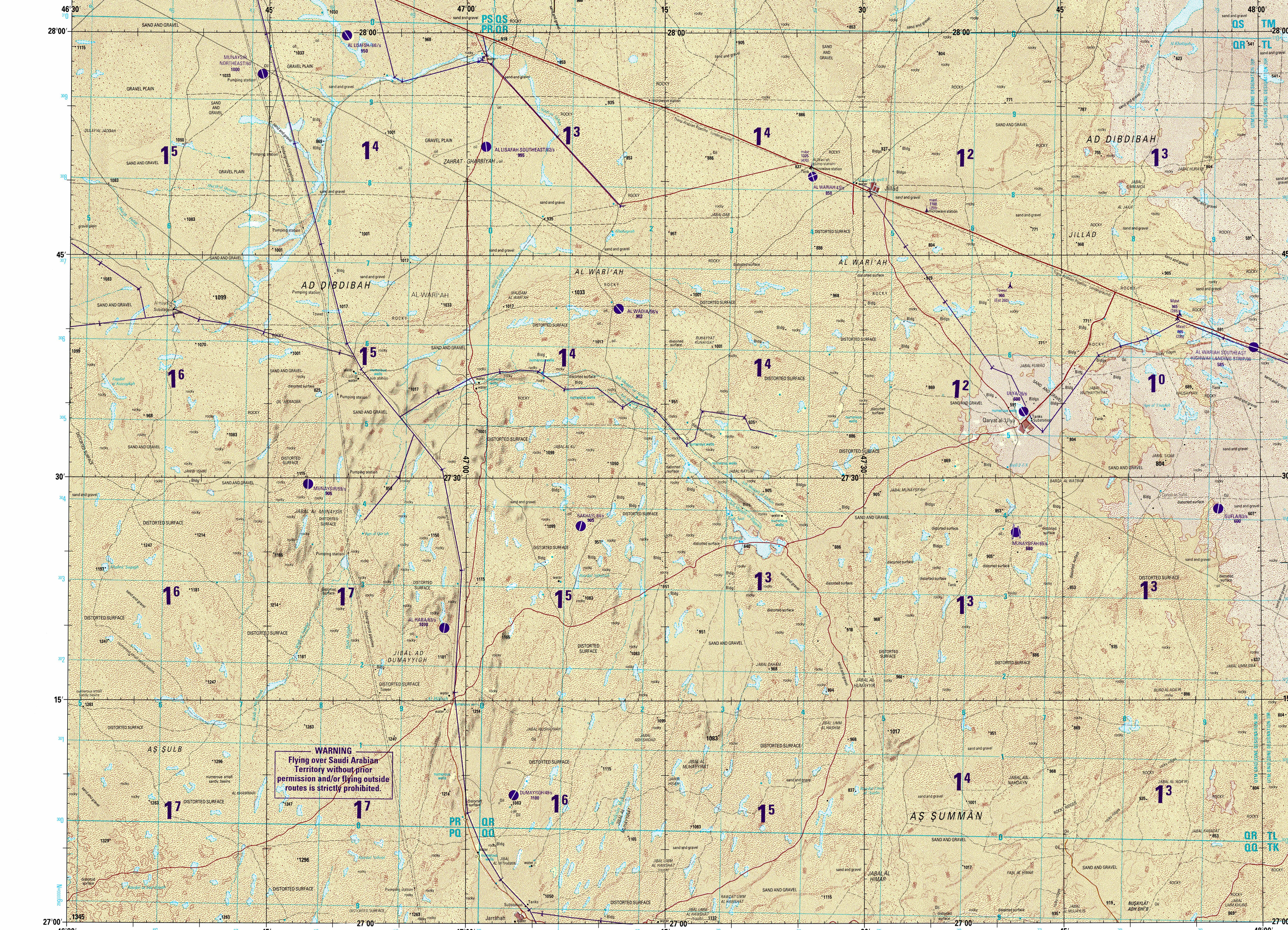
LOCATION DIAGRAM
Boundary Representation is Not Necessarily Authoritative

IRAQ	IRAN
SAUDI ARABIA	YEMEN
SAUDI ARABIA	OMAN
SAUDI ARABIA	QATAR

SCALE 1:250,000
QARYAT AL 'ULYA, SAUDI ARABIA

SERIES 1501 AIR SHEET NG 38-4 EDITION 6

SERIES 1501 COMPANION SHEET IS EDITION 4-6555



Produced under the direction of the Director of Military Survey, Ministry of Defence, United Kingdom, 1988. © Crown Copyright 1988. Compiled 1986. Revised by DMAAC January 1991

CONVERSION OF ELEVATIONS

FEET	METERS
100	30.5
200	61.0
300	91.4
400	121.9
500	152.4
600	182.9
700	213.4
800	243.8
900	274.3
1000	304.8
1100	335.3
1200	365.8
1300	396.2
1400	426.7
1500	457.2
1600	487.7
1700	518.2
1800	548.7
1900	579.2
2000	609.6

ELEVATIONS IN FEET

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

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 GRID.

EXAMPLE 1,000 METER REFERENCE

CONVERSION FROM UTM GRID, WGS SPHEROID, WGS DATUM TO UTM GRID, INTERNATIONAL SPHEROID, EUROPEAN DATUM IS (+13 METERS) EASTING AND (+178 METERS) NORTHING.

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

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

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: 1-800-854-8888. COMMERCIAL: 214-261-4888. OR WRITE TO: DIRECTOR, NATIONAL IMAGER AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5003.

(UK Users) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, ELMWOOD AVENUE, FELTHAM, MIDDLESEX, ENGLAND TW13 1AE

ELEVATIONS IN FEET

GLOSSARY

'Ayn	spring
Bang	rocky hill
Burg	isolated hill
Dil'	isolated hill
Julayr	depression
Fayghat	depression
Jabal	hill, mountain
Jaww	depression
Jishi	hills, mountains
Khabra'	plain
Nugaylat	hills
Shayb	depression
Shaybi'	wadi
Wadi	wadi
Widi'	wadi
Widiyih	wadi
Zahat'	hill

RELIABILITY OF THIS GRAPHIC

(as determined by statistical process)

PLOTTING ACCURACY	AREA	AREA
90% ASSURANCE	within 100 ft	within 100 ft
Contours	100 ft	100 ft
Horizontal	100 ft	100 ft

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 line is generally considered as being 8 feet (2.5 meters) in width. DEPICTION OF INTERNATIONAL BOUNDARIES HAS CHANGED SINCE THE LAST EDITION. ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE. Road classification should be referred to with caution.

NOTES

Printed by DMA 10-85. Reprinted by NIMA 01-03.

Horizontal Datum: World Geodetic System
Vertical Datum: Mean Sea Level
Transverse Mercator Projection
Datum Conversion from WGS Datum to European Datum is +4°3' Latitude and +2° Longitude.

SCALE 1:250,000

CONVERSION OF ELEVATIONS

FEET	METERS
100	30.5
200	61.0
300	91.4
400	121.9
500	152.4
600	182.9
700	213.4
800	243.8
900	274.3
1000	304.8
1100	335.3
1200	365.8
1300	396.2
1400	426.7
1500	457.2
1600	487.7
1700	518.2
1800	548.7
1900	579.2
2000	609.6

SCALE 1:250,000
QARYAT AL 'ULYA, SAUDI ARABIA

SERIES 1501 AIR SHEET NG 38-4 EDITION 6

SERIES 1501 COMPANION SHEET IS EDITION 4-6555

CONVERSION FROM UTM GRID, WGS SPHEROID, WGS DATUM TO UTM GRID, INTERNATIONAL SPHEROID, EUROPEAN DATUM IS (+13 METERS) EASTING AND (+178 METERS) NORTHING.

(UK Users) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, ELMWOOD AVENUE, FELTHAM, MIDDLESEX, ENGLAND TW13 1AE

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

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 GRID.

EXAMPLE 1,000 METER REFERENCE

CONVERSION FROM UTM GRID, WGS SPHEROID, WGS DATUM TO UTM GRID, INTERNATIONAL SPHEROID, EUROPEAN DATUM IS (+13 METERS) EASTING AND (+178 METERS) NORTHING.

RELIABILITY OF THIS GRAPHIC

(as determined by statistical process)

PLOTTING ACCURACY	AREA	AREA
90% ASSURANCE	within 100 ft	within 100 ft
Contours	100 ft	100 ft
Horizontal	100 ft	100 ft

NOTES

Printed by DMA 10-85. Reprinted by NIMA 01-03.

Horizontal Datum: World Geodetic System
Vertical Datum: Mean Sea Level
Transverse Mercator Projection
Datum Conversion from WGS Datum to European Datum is +4°3' Latitude and +2° Longitude.

SCALE 1:250,000
QARYAT AL 'ULYA, SAUDI ARABIA

SERIES 1501 AIR SHEET NG 38-4 EDITION 6

SERIES 1501 COMPANION SHEET IS EDITION 4-6555

CONVERSION FROM UTM GRID, WGS SPHEROID, WGS DATUM TO UTM GRID, INTERNATIONAL SPHEROID, EUROPEAN DATUM IS (+13 METERS) EASTING AND (+178 METERS) NORTHING.

(UK Users) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, ELMWOOD AVENUE, FELTHAM, MIDDLESEX, ENGLAND TW13 1AE