

SERIES 1501 AIR
SHEET NH 37-12
EDITION 2

SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES

Over 100,000	○
50,000 to 100,000	○
10,000 to 50,000	○
2,000 to 10,000	○
Less than 2,000	○

AR RIYAD
AL QATIF
TURAYF
AL UGAYR
DUBA

ROADS

Dual highway	4 LANES
All weather, hard surface	2 or more lanes wide
Two or more lanes wide	1 LANES
One lane wide	1 LANES
All weather, loose or light surface	4 LANES
Two or more lanes wide	4 LANES
One lane wide	1 LANES
Fair or dry weather, loose surface	1 LANES
Cart track	1 LANES
Footpath, trail	1 LANES
Route marker	1 LANES

RAILROADS

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

BOUNDARIES

International	---
First order administrative division	---

OTHER FEATURES

Area name	HAUD
Mine or quarry	⊗
School; Landmark building	⊙
Mosque; Church	⊙
Fence	---
Well; Perennial, intermittent, Spring, cistern	⊙
Single line perennial stream	---
Single line intermittent stream	---
Double line perennial stream	---
Sabkha or Dry lake; Intermittent lake	---
Marsh or swamp; Land subject to inundation	---
Cut: Greater than interval, Less than interval	---
Pinnacle; Levee	---
Horizontal control point	---
Sand; Distorted surface	---
Sand Mounds; Ripple dunes	---
Crescent dunes; Lateral dunes	---

VEGETATION

Woods; Scattered trees	NONE
Plantation; orchard; Mangrove	NONE

TERRAIN ELEVATIONS

Spot elevation: Normal, Critical - 646 - 1273
Highest known elevation is 2732 feet at the following coordinates:
Geographic: 29 04'N, 40 38'E
Grid: FN5917

AIRCRAFT FACILITY (Military or Civil)

EDNA / 50 / s

Runway pattern known 725

EDNA Name

50 - Length of longest runway to nearest hundreds of feet

s - Soft or unimproved surface

u - Unknown surface

725 - Elevation

Runway pattern unknown

HELIPORT / HELIPAD; AT HOSPITAL

CONUS ADIZ

CONTROLLED AIRSPACE

ADIZ

RADIO AIDS TO NAVIGATION

VHF OMN RANGE (VOR)

VORTAC; TACAN

VOR with DME; Other facilities

VISUAL AIDS AND OBSTRUCTIONS

Obstruction

1108 - Elevation of obstruction top, above sea level

1261 - 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
15 JULY 1999

Consult NOTAMS and Flight Information Publications for the latest air information; the NIMA Aeronautical Chart Updating Manual or MDD (U. K.) Aeronautical Chart Amendment document, for other chart revision information.

MAGNETIC VARIATION FOR 1995 IS APPROXIMATELY
3° E 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 features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12,500 feet

LOCATION DIAGRAM
(CONUS INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED; BROWN)

NH 37-2	NH 37-3	NH 37-4	NH 37-5	NH 37-6
NH 37-6	NH 37-7	NH 37-8	NH 37-9	NH 37-10
NH 37-10	NH 37-11	NH 37-12	NH 37-13	NH 37-14
NH 37-14	NH 37-15	NH 37-16	NH 37-17	NH 37-18
NG 37-2	NG 37-3	NG 37-4	NG 37-5	NG 37-6

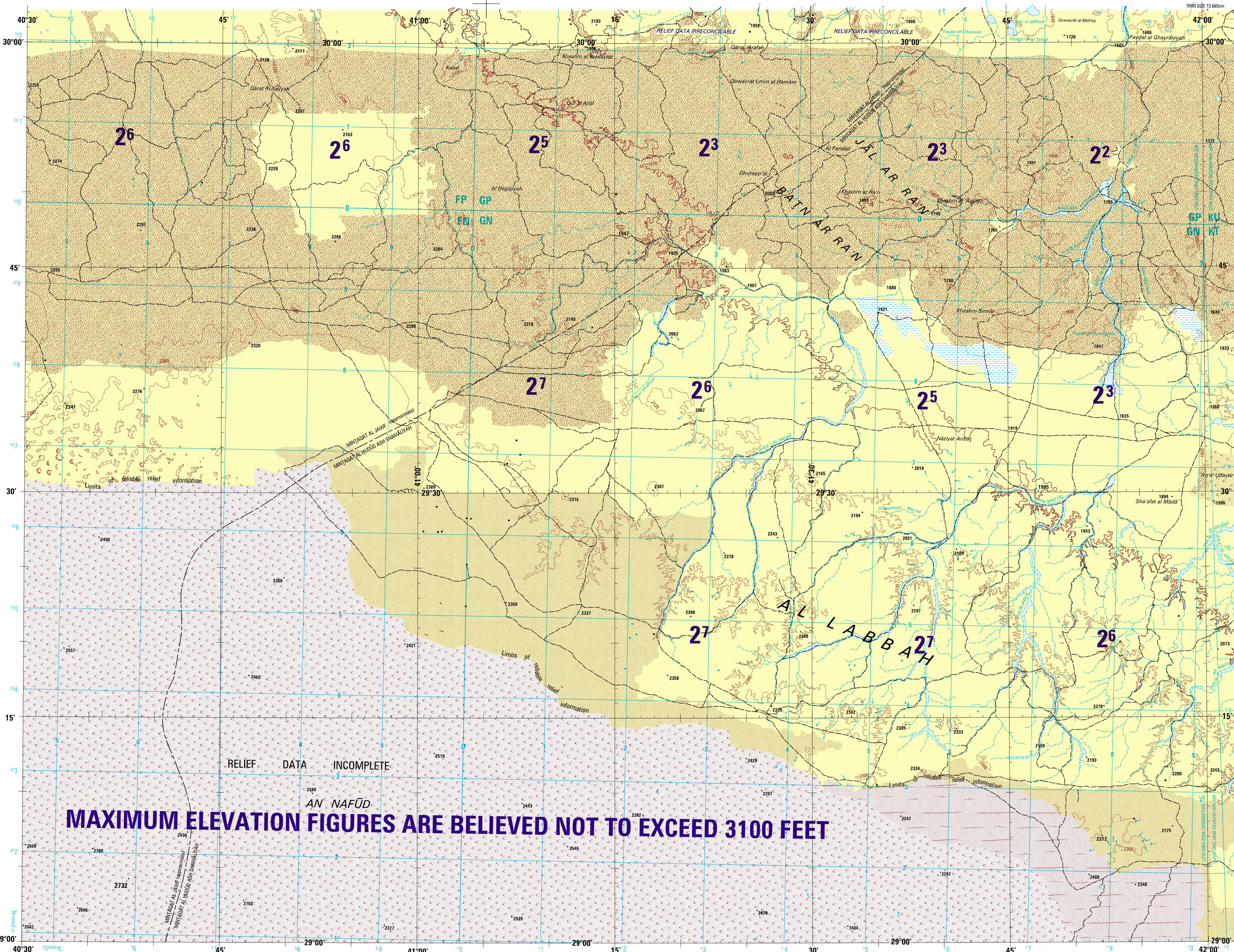
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
900	274	10000	3048
800	244	9000	2743
700	213	8000	2438
600	183	7000	2134
500	152	6000	1829
400	122	5000	1524
300	91	4000	1219
200	61	3000	914
100	31	2000	610
50	15	1500	457
0	0	1000	305

SCALE 1:250,000
AL LABBAH, SAUDI ARABIA

SERIES 1501 AIR
SHEET NH 37-12
EDITION 2

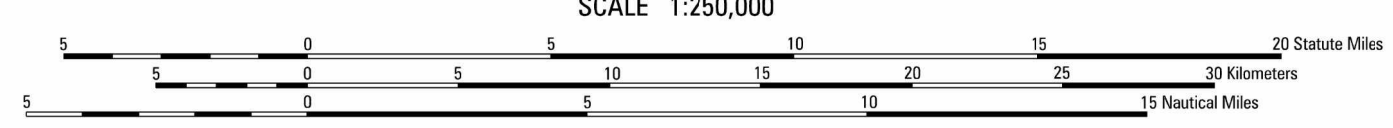
SERIES 1501 COMPANION SHEET IS EDITION 1



Prepared and published by the National Imagery and Mapping Agency
MAP INFORMATION AS OF APRIL 1997

COORDINATE CONVERSION FROM WGS 84 TO EUROPEAN DATUM
Grid: Add 19 mE, Add 176 mN
Geographic: Add 4" Long, Add 4.2" Lat.

JOINT OPERATIONS GRAPHIC (AIR)
SCALE 1:250,000



BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 37, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.

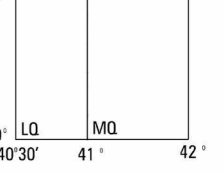
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK:
1 800 455 0089; COMMERCIAL 314 263 4894; CSN 689 4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-81, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

© COPYRIGHT 1999 BY THE UNITED STATES GOVERNMENT
NO COPYRIGHT CLAIMED UNDER TITLE 17 U.S.C.

GLOSSARY

Bahj	elongated depression
Duwaykhat	wadi
Fayfat	depression
Irq	ridge
Jil	escarpment
Khashm	hill, promontory, spur
Ram	1st order administrative division
Mirghal	1st order administrative division
Nabiyat	mesa
Qirat	hills
Qir	buttes, hills, ridge
Duwayrat	hill
Shafat	hill
Shab	ravine, wadi
Wad	stream, wadi

GEOREF
BASIC 15' QUADRANGLE
QH



ELEVATION TINTS

0	600
---	-----

RELIABILITY OF THIS GRAPHIC
(as determined by standard practice)

PLOTTING ACCURACY 90% ASSURANCE	
Horizontal	within 410 ft.
Contours	within 165 ft.
Date of information	1997

Horizontal Datum: WGS 84
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

NOTES

Poverlines are shown except within populated place limits. Other obstructions are shown if they are 150 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 authoritative.

NSN 764101 4096069
NIMA Ref No. 1501ANH3712