

SERIES 1501 AIR SHEET NH 37-6 EDITION 3

POPULATED PLACES

Over 100,000	AR RIYAD
50,000-100,000	AL DATIF
10,000-50,000	Turayf
2,000-10,000	Al Uqayf
Less than 2,000	Qubā

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 4'6 1/2" (1.44m)	Single track	Multiple track
Station position	known	unknown
Narrow gauge	known	unknown

BOUNDARIES

First order administrative division	NONE	NONE
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VEGETATION

Woods: Tropical grass	NONE	NONE
Scattered trees: Orchard, plantations, vineyards	NONE	NONE

OTHER FEATURES

Area name	HAUD	
School: Church: Mosque	HAUD	
Landmark feature or object	HAUD	
Tank: Well: Wall: Fence	HAUD	
Hot: Canal: Pass: Mine or quarry	HAUD	
Horizontal control point	HAUD	
Astronomic position	HAUD	
Sand: Distorted surface	NONE	NONE
Dunes: Crescent: Lateral: Ripple	NONE	NONE
Dunes: Star: Transverse: Mound	NONE	NONE
Mound: Cliff: Levee	NONE	NONE

HYDROGRAPHY

Underground aqueduct with shafts	HAUD
Small reservoir: Dry lake	HAUD
Sabkha (Kawr): Intermittent lake	HAUD
Intermittent streams: Single: Double line	HAUD
Well: Perennial: Intermittent: Disappearing stream	HAUD
Spring: fountain: cistern: Dam: Salt evaporator	HAUD
Wadi: Land subject to inundation	HAUD
Rice paddy: Marsh or swamp	HAUD

TERRAIN ELEVATIONS

Spot elevation: Normal: Critical

HIGHEST KNOWN elevation is 2539 feet at the following coordinates:
 Geographic: 30°18'N, 40°31'E
 Grid: FP4552

AERODROMES (Military or Civil)

EDNA/50's	725
Runway pattern known	725
EDNA-Name	725
50'-Length of longest runway to nearest hundreds of feet	725
Soft or unimproved surface	725
Unknown surface	725
725-Elevation	725
Runway pattern unknown	725

HELIPORT/HELIPAD

HELIPORT/HELIPAD AT HOSPITAL

RADIO AIDS TO NAVIGATION

VHF OMNI RANGE (VOR)	HAUD
VORTAC	HAUD
TACAN	HAUD
VOR with DME	HAUD
Other facilities	HAUD

RADIO FACILITIES

RADIO RANGE LF/MF	HAUD
MULTIPLE RADIO FACILITIES	HAUD

CONTROLLED AIRSPACE

ADIZ	HAUD
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VISUAL AIDS AND OBSTRUCTIONS

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

CAUTION

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

CAUTION

AIR INFORMATION CURRENT THROUGH 23 AUGUST 1999

Source: NOTAMS and Pilot Reports. Information for the latest air information, the NIMA Aeronautical Chart System Manual or Aeronautical Information Chart Amendment document, for other chart revision information.

MAGNETIC VARIATION FOR 1995 IS APPROXIMATELY 3°00' EAST OVER THE ENTIRE AREA
 (Annual rate of change, 1° increase)

ATTENTION

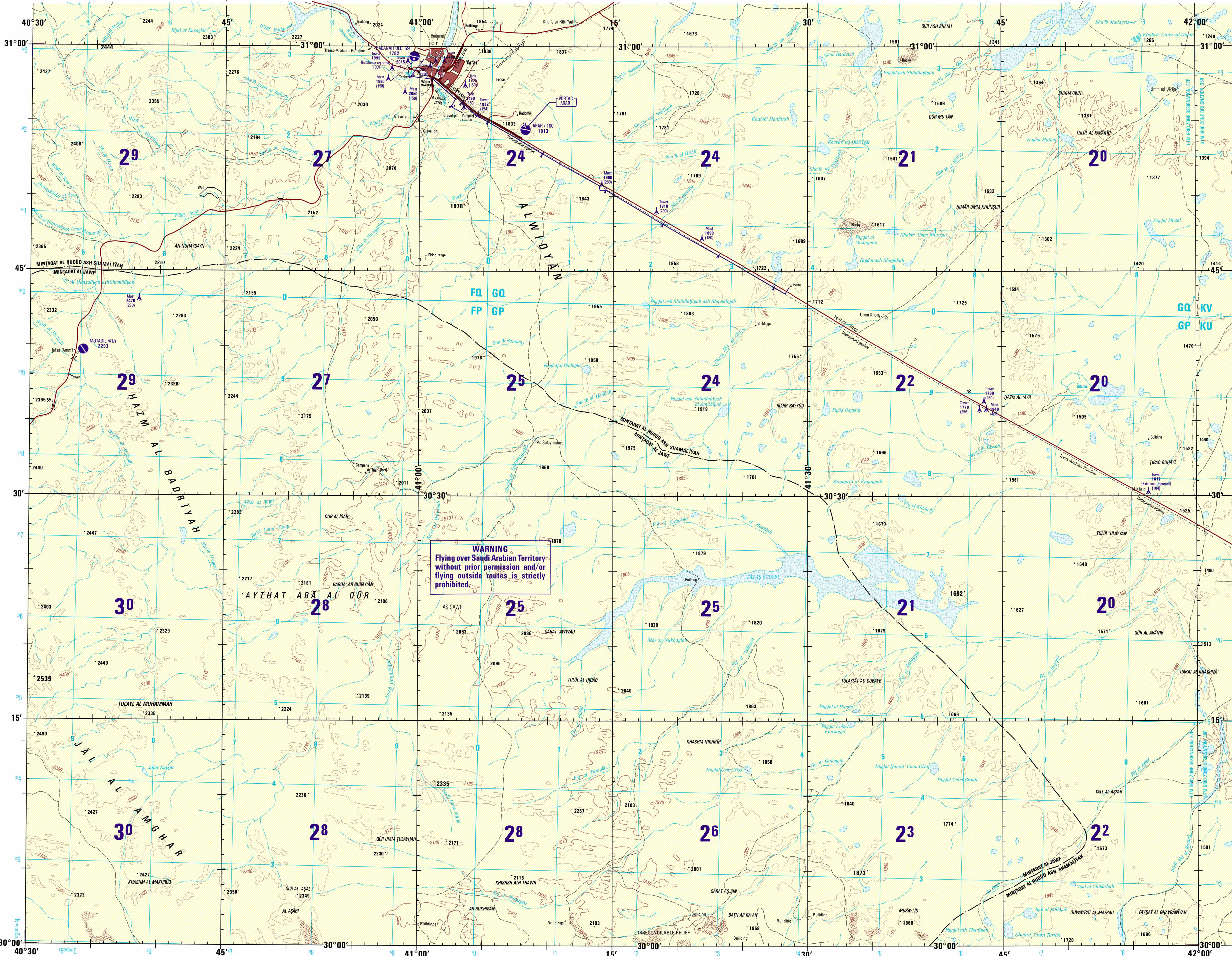
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

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.).

EXAMPLE: 12,500 feet **12⁵**

LOCATION DIAGRAM

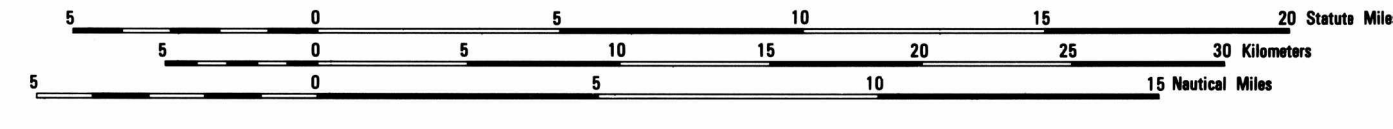
37-14	37-15	37-16	37-17	37-18
37-14	37-15	37-16	37-17	37-18
37-14	37-15	37-16	37-17	37-18
37-14	37-15	37-16	37-17	37-18



Prepared and published by the National Imagery and Mapping Agency.
 Compiled April 1991. Revised October 1998.

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 165 FEET

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

FOR REFERENCING, GRID AND GEOGRAPHIC VALUES MAY BE CONSIDERED AS EITHER EUROPEAN OR WEST DATUM SINCE POSITION PLOTTING DIFFERENCES ARE NOT SIGNIFICANT AT THIS SCALE.

SAMPLE 1000 METER GRID SQUARE

SAMPLE 1,000 METER REFERENCE

1. Read letters identifying the 100,000 meter square in which the point lies.

2. Read large number indicating the HORIZONTAL grid line to the left of the point.

3. Read large number indicating the VERTICAL grid line to the right of the point.

4. Estimate tenth (1,000 meters) from grid line to point.

Example: AB1234

GRID ZONE DESIGNATION

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

Example: 37RAB1234

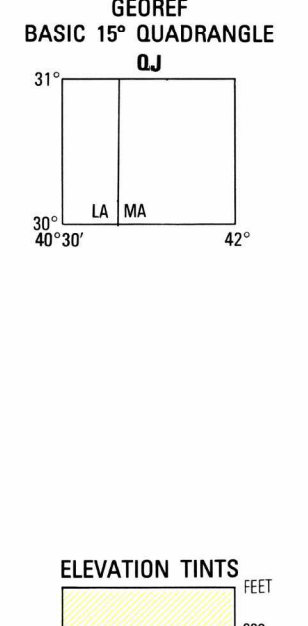
SCALE 1:250,000

'AR'AR, SAUDI ARABIA

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GLOSSARY

Asar	wells	Khashm	peak, hill
Ayhat	Stoney area	Mintajrat	first-order administrative division
Bajrat	wadi	Mugayrat	waterholes
Baqay	hill	Qarat	meadit
Bayn	depression	Qarat	hill
Dawaykhilat	wadi	Qarat	hills
Faj	wadi	Qawatrat	wadi
Fayyat	waterhole	Rijlat, Rijlat	wadi
Fiyaj	waterhole	Rujm	cairn, hill
Hacm	ridge, hill	Sawā	wadi
Ushār	hills	Shar'ib	wadi
Tajal	waterholes	Tafat	wadi
Tajl	escarpment	Tall	hill
Tajfar	waterholes	Tulayf	hill
Tal	waterholes	Tulayf, Tulayfat	hills
Khabara	waterholes	Wadi	wadi



RELIABILITY OF THIS GRAPHIC
 (as determined by standard practices)

1997	1999
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PLOTTING ACCURACY 90° ASSURANCE

Horizontal	± 420 ft.
Contour	± 120 ft.

ROAD CLASSIFICATION

ROAD CLASSIFICATION	DATE OF INFORMATION
ALL FEATURES	See diagram

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

NOTES

Powerlines 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 line is generally considered as being 8 feet (2.5 meters) in width.

THE REPRESENTATION OF ALL BOUNDARIES IS NOT NECESSARILY AUTHENTICATIVE.

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.

Road classification should be referred to with caution.

DEPICTION OF INTERNATIONAL BOUNDARY HAS CHANGED SINCE THE LAST EDITION.

NSN 7641014102741
 NIMA Ref No: 1501ANH3708

ED. NO. 003