

SERIES 1501 AIR  
SHEET NG 38-13  
EDITION 2

POPULATED PLACES  
Over 100,000 ..... ARRIYAD  
50,000 to 100,000 ..... QATIF  
10,000 to 50,000 ..... Turayf  
2,000 to 10,000 ..... Al Uqayr  
Less than 2,000 ..... Diba

ROADS  
Dual highway ..... 4 LANES DUAL  
All weather, hard surface  
More than two lanes wide ..... 4 LANES  
Two lanes wide ..... 3 LANES  
One lane wide ..... 2 LANES  
All weather, loose or light surface  
More than two lanes wide ..... 3 LANES  
Two lanes wide ..... 2 LANES  
One lane wide ..... 1 LANE  
Fair or dry weather, loose surface  
Cart track ..... 1 LANE  
Footpath, trail ..... 1 LANE  
Route marker ..... 1 LANE

RAILROADS  
Normal gauge, single track 1.44m (4'9 1/2") Double track narrow gauge

BOUNDARIES  
International  
First-order administrative

OTHER FEATURES  
Area name ..... BAZA  
Mine or quarry ..... BAZA  
Campsite, Ruins, Watermill ..... BAZA  
School, Church, Landmark ..... BAZA  
Mosque, Muslim shrine ..... BAZA  
Small reservoir or cistern ..... BAZA  
Well, Ferescol, Intersecting Springs ..... BAZA  
Underground aqueduct with shafts ..... BAZA  
Salikha or Dry lake, Intermittent lake ..... BAZA  
Single line intermittent stream, Wadi ..... BAZA  
Marsh or swamp; Land subject to inundation ..... BAZA  
Mound, Levee ..... BAZA  
Mudflat, Distorted surface ..... BAZA  
Sand, flat or rolling; Sand dunes ..... BAZA  
Horizontal control point ..... BAZA

VEGETATION  
Woods, broadwood; Scattered trees ..... NONE  
Orchard, vineyard; Scrub ..... NONE

HYDROGRAPHY  
Rocks, uncovering or awash ..... BAZA  
Exposed wreck ..... BAZA  
Limit of danger; Reef ..... BAZA  
Fareshore flat ..... BAZA  
Depth curve; Lighthouse ..... BAZA

TERRAIN ELEVATIONS  
Spot elevation, normal; critical ..... \*46 \*840  
HIGHEST KNOWN elevation is 4514 feet at the following coordinates:  
Geographic: 24°39'N, 42°56'E  
Grid: KN921

AERODROMES (Military or Civil)  
Runway pattern known ..... KN921  
Field limits and runway pattern unknown ..... NONE

HELIPORT  
VOR VORTAC  
TALCAN VOR/DME  
RADIO RANGE LF/MF

MULTIPLE RADIO FACILITIES  
CONTROLLED AIRSPACE  
ADIZ ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS  
Obstruction 1108 (259) A  
Obstruction 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 the most suitable sources available. However, there is no assurance that all obstructions, or their locations or heights, are exact.

CAUTION  
AIR INFORMATION CURRENT THROUGH  
15 MARCH 1991  
Consult NOTAMS and Flight Information Publications for the latest air information; the OMA 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)

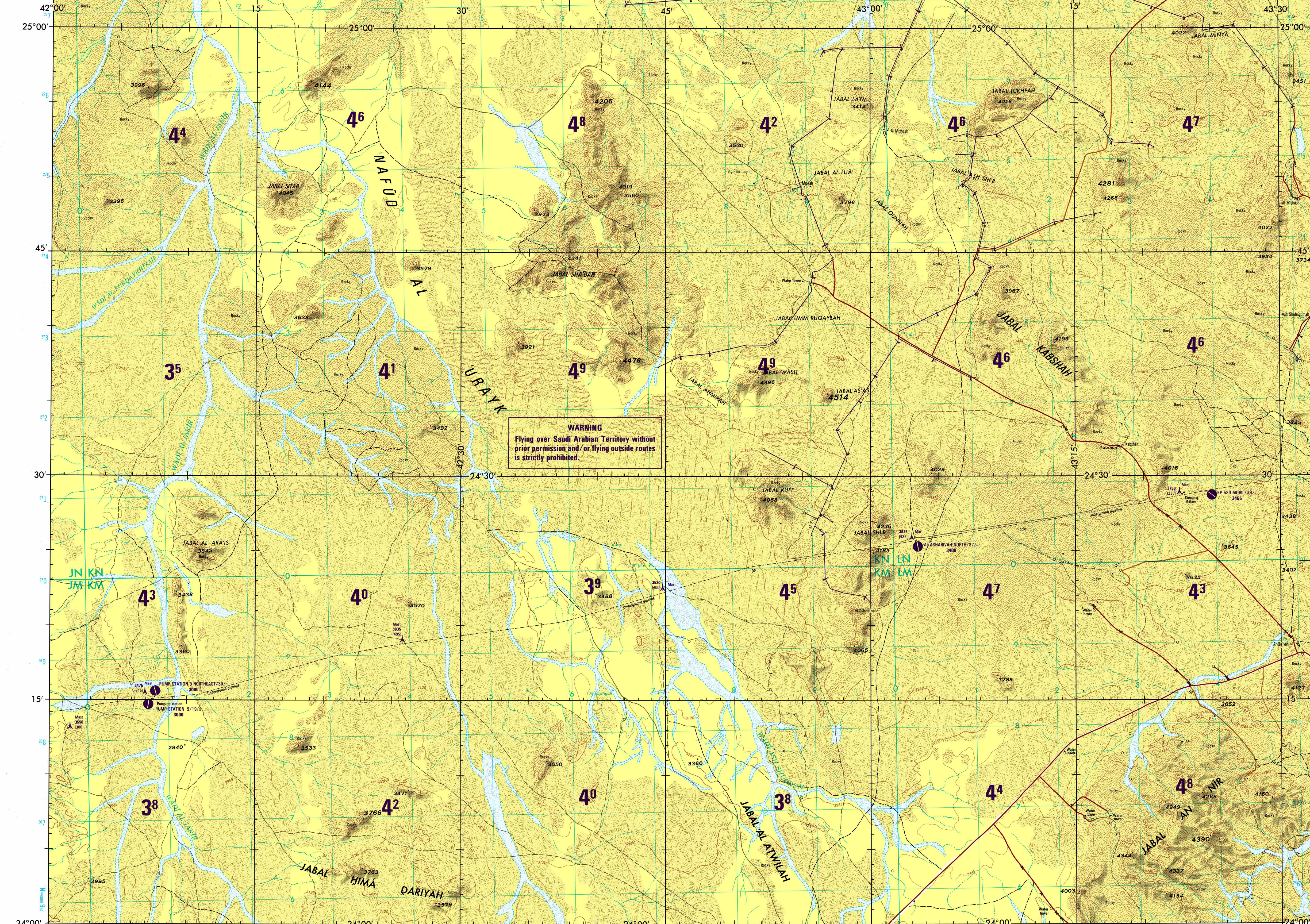
ATTENTION  
THIS CHART CONTAINS  
MAXIMUM ELEVATION FIGURES (MEF)  
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.).

EXAMPLE: 12,500 feet

LOCATION DIAGRAM  
(ICAC INDEX SHOWN IN BLUE)  
(MARC INDEX SHOWN IN RED/ROSYN)

NG 37-7	NG 37-8	NG 37-9	NG 37-10	NG 37-11
NG 37-11	NG 37-12	NG 37-13	NG 37-14	NG 37-15
NG 37-15	NG 37-16	NG 37-17	NG 37-18	NG 37-19
NG 37-19	NG 37-20	NG 37-21	NG 37-22	NG 37-23

SCALE 1:250,000  
MISKAH, SAUDI ARABIA  
SERIES 1501 AIR  
SHEET NG 38-13  
EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1



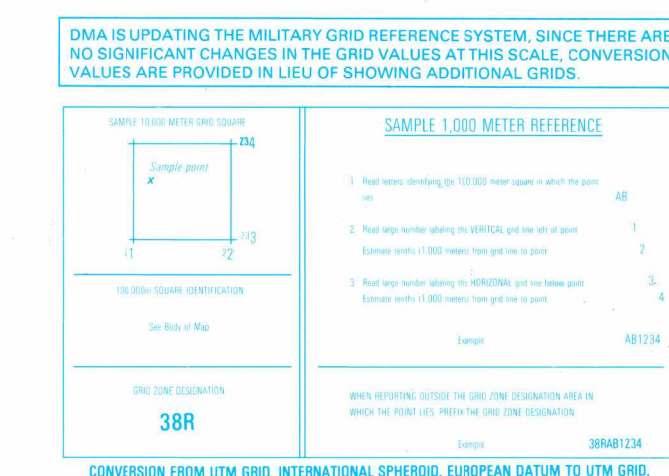
**WARNING**  
Flying over Saudi Arabian Territory without prior permission and/or flying outside routes is strictly prohibited.

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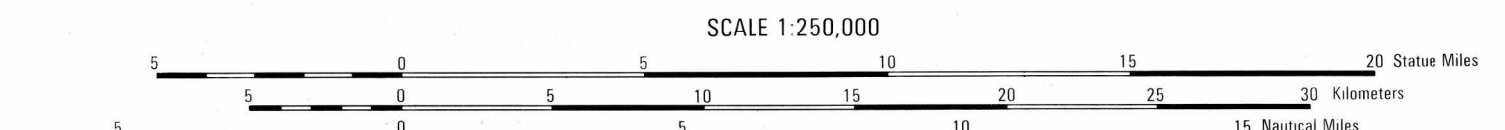


CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	304.8	10000	3048
800	244	9000	2743
600	183	8000	2438
400	122	7000	2134
200	61	6000	1829
100	30.5	5000	1524
0	0	4000	1219
		3000	914
		2000	610
		1000	305
		0	0

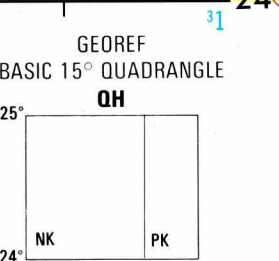


JOINT OPERATIONS GRAPHIC (AIR)  
SCALE 1:250,000



CONTOUR INTERVAL APPROXIMATELY 165 FEET  
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 38R, INTERNATIONAL SPHEROID.

GLOSSARY  
B' ..... well  
Jabal ..... mountain (hills)  
Nafud ..... sand dunes  
Wadi ..... wadi



ELEVATION TINTS  
2625

RELIABILITY OF THIS GRAPHIC  
FLIGHTING ACCURACY PER ASSURANCE

GRAPHIC FEATURE	DATE OF INFORMATION
Man-made features	1987/90
All other features	1976

Horizontal Datum: European Datum  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection  
Datum Conversion from European Datum to WGS Datum  
4°5' Latitude and -0°7' Longitude

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK:  
1-800-455-8888 COMMERCIAL 214-263-4864 (214) 263-4864 OR WRITE TO DIRECTOR, NATIONAL MAPPING AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-88, 4600 SANDHARBOUR ROAD, BETHESDA, MD 20816-5003.

(UK Users) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE,  
ELMWOOD AVENUE, SELTHAM, MIDDLESEX, ENGLAND TW13 7AE

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.  
Road classification should be referred to with caution.

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ED NO 002