

SERIES 1501 AIR SHEET NG 43-13 EDITION 2

- POPULATED PLACES**
- Over 100,000 **BOMBAY**
 - 50,000 to 100,000 **QUETTA**
 - 10,000 to 50,000 **Mehsāna**
 - 2,000 to 10,000 **Mercāra**
 - Less than 2,000 **Lh**
- ROADS**
- Dual highway **4 LANE'S DUAL**
 - All weather, hard surface **4 LANE'S**
 - More than two lanes wide **4 LANE'S**
 - Two lanes wide **4 LANE'S**
 - One lane wide **4 LANE'S**
 - All weather, loose or light surface **3 LANE'S**
 - More than two lanes wide **3 LANE'S**
 - Two lanes wide **3 LANE'S**
 - One lane wide **3 LANE'S**
 - Fair or dry weather, loose surface **3 LANE'S**
 - Cart track **3 LANE'S**
 - Footpath, trail **3 LANE'S**
 - Route marker **3 LANE'S**
- RAILROADS**
- Normal gauge, single track 1.44m (4'8 1/2") Double track **3 LANE'S**
 - Narrow gauge **3 LANE'S**
- BOUNDARIES**
- International **3 LANE'S**
 - Other administrative **3 LANE'S**
- OTHER FEATURES**
- Area name **SHANGSHAH**
 - Mine or quarry **SHANGSHAH**
 - Campsite, Ruins, Watermill **SHANGSHAH**
 - School, Church, Landmark **SHANGSHAH**
 - Mosque, Muslim shrine **SHANGSHAH**
 - Small reservoir or cistern **SHANGSHAH**
 - Well, Personal, Interim, Spring **SHANGSHAH**
 - Underground aqueduct with shafts **SHANGSHAH**
 - Sabkha or Dry lake, Intermittent lake **SHANGSHAH**
 - Single line intermittent stream, Wadi **SHANGSHAH**
 - Marsh or swamp, Land subject to inundation **SHANGSHAH**
 - Mound, Levee **SHANGSHAH**
 - Mudflat, Distorted surface **SHANGSHAH**
 - Sand, flat or rolling, Sand dunes **SHANGSHAH**
 - Horizontal control point **SHANGSHAH**
- VEGETATION**
- Woods, brushwood, Scattered trees **SHANGSHAH**
 - Orchard, vineyard, Scrub **SHANGSHAH**
 - Hydrography **SHANGSHAH**
 - Rocks, uncovering or awash **SHANGSHAH**
 - Exposed wreck **SHANGSHAH**
 - Limit of danger, Reef **SHANGSHAH**
 - Foreshore flat **SHANGSHAH**
 - Depth curve, Lighthouse **SHANGSHAH**
- TERRAIN ELEVATIONS**
- Spot elevation, normal, critical **SHANGSHAH**
 - HIGHEST KNOWN elevation is **5650** feet at the following coordinates: Geographic: 24°39'N 72°47'E Grid: QJ6537
 - ± following elevation value indicates accuracy is not within 100 feet
- AERODROMES (Military or Civil)**
- Runway pattern known **SHANGSHAH**
 - Field limits and runway pattern unknown **SHANGSHAH**
- HELIPORT**
- Runway pattern known **SHANGSHAH**
- RADIO FACILITIES**
- VOR VORTAC **SHANGSHAH**
 - TACAN VOR/DME **SHANGSHAH**
 - RADIO RANGE LF/MF **SHANGSHAH**
 - MULTIPLE RADIO FACILITIES **SHANGSHAH**
- CONTROLLED AIRSPACE**
- ADIZ **SHANGSHAH**
- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction **SHANGSHAH**
 - 1108 Elevation of obstruction top, above sea level (259) Elevation of obstruction top, above ground level
 - Group obstruction **SHANGSHAH**
 - Radio facility obstruction **SHANGSHAH**
 - Power transmission line **SHANGSHAH**
 - Visual ground sign **SHANGSHAH**
 - Aero light, Marine light **SHANGSHAH**

CAUTION

Vertical elevations, including spot elevations, have been extracted from the most reliable sources available. However, the accuracy of these elevations may vary, and their use should be limited to general information.

CAUTION

AIR INFORMATION CURRENT THROUGH 1 OCTOBER 1992

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 0°15' WEST OVER THE ENTIRE AREA
(Annual rate of change, 1' decrease)

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 sensitive available relief, the MEF is shown by a note spaced across the area.

125

EXAMPLE: 12,500 feet

LOCATION DIAGRAM

Boundary Representation is Not Necessarily Authoritative

(CONC INDEX SHOWN IN BLUE)

NG 42-7	NG 42-8	NG 43-5	NG 43-7
NG 42-11	NG 42-12	NG 43-9	NG 43-11
NG 42-15	NG 42-16	NG 43-13	NG 43-15
NG 42-3	NG 42-4	NG 43-1	NG 43-3
NG 42-7	NG 42-8	NG 43-5	NG 43-7

Prepared and published by the Defense Mapping Agency Topographic Center, Washington, D.C. 20315. Compiled October 1986. Revised by DMAAC March 1992.

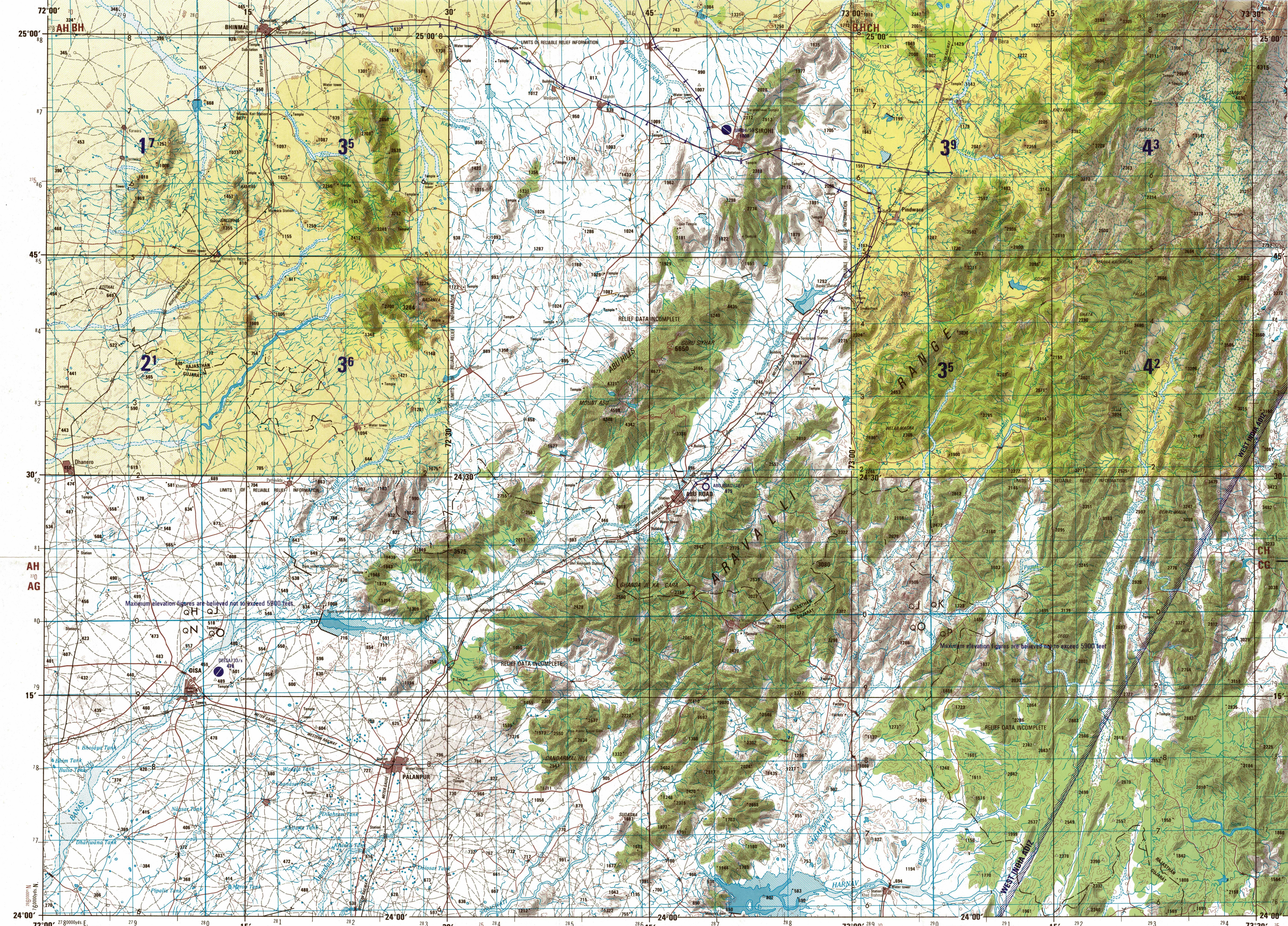
CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	3000	914
2000	610	4000	1219
3000	914	5000	1524
4000	1219	6000	1829
5000	1524	7000	2134
6000	1829	8000	2438
7000	2134	9000	2743
8000	2438	10000	3048
9000	2743		
10000	3048		

SCALE 1:250,000

PALANPUR, INDIA

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JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

0 5 10 15 20 25 30 Statute Miles

CONTOUR INTERVAL APPROXIMATELY 200 FEET WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 100 FEET RELIEF PARTIALLY SHOWN BY FORM LINES

RED-BROWN NUMBERED TICKS INDICATE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 42, WORLD GEODETIC SYSTEM ELLIPSOID

BLACK NUMBERED LINES INDICATE THE 10,000 YARD ZONE II A GRID, EVEREST ELLIPSOID COORDINATE CONVERSION FROM INDIAN DATUM EVEREST ELLIPSOID TO WGS 84 DATUM WGS ELLIPSOID

Geographic: Subtract 2.3" Long, Add 1.4" Lat.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE DMA OPERATIONAL HELP DESK: 1-800-455-0092 COMMERCIAL: 314-263-4864; OR WRITE TO: DIRECTOR, NATIONAL MAGNETIC AND MAP PUBLISHING CENTER, ATTN: CG, MAPS STOP 1-08, 4600 SANGAREE ROAD, BETHEL, ND 58503-5003

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CONVERSION OF ELEVATIONS

FOR REFERENCING IN OVERLAP AREAS REFER TO THE ADJOINING GRAPHIC TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 YARDS

300,000 YARD (Small Letters) and 100,000 YARD (Large Letters) SQUARE IDENTIFICATIONS

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

2. Locate first VERTICAL grid line or tick to the LEFT of point and read LARGE figure value

3. Count tenths from grid line or tick to point

4. Locate first HORIZONTAL grid line or tick BELOW point and read LARGE figure value

5. Count tenths from grid line or tick to point

6. Combine the two figures to give a STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 YARDS

SAMPLE REFERENCE: Village

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

2. Locate first VERTICAL grid line or tick to the LEFT of point and read LARGE figure value

3. Count tenths from grid line or tick to point

4. Locate first HORIZONTAL grid line or tick BELOW point and read LARGE figure value

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5. Count tenths from grid line or tick to point

6. Combine the two figures to give a STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 YARDS

SMALLER FIGURES

WHERE THE SMALLER FIGURES of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number.

160000

RELIABILITY OF THIS GRAPHIC

(as determined by standard practices)

PLATTING ACCURACY	AREA I	AREA II
Horizontal	1:50,000	1:50,000
Vertical	1:50,000	1:50,000
Graphic Feature	AREA I	AREA II
Contours	1:50,000	1:50,000
All other features	1:50,000	1:50,000

NOTES

No obstructions 200 feet or more above ground level are known to exist in this area.

Powertines are shown except within populated place limits.

On this graphic a lane is generally considered as being 8 feet (2.5 meters) in width.

BOUNDARY REPRESENTATION IS NOT NECESSARILY AUTHORITY

ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE. Road classifications should be referred to with caution.

ELEVATION TINTS

FEET	TINT
3000	Lightest Yellow
2000	Yellow
1000	Light Green
500	Green
200	Darkest Green

GLOSSARY

Sagar lake

Horizontal Datum: Indian Datum

Vertical Datum: Mean Sea Level

Transverse Mercator Projection

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