

SERIES 1501 AIR  
SHEET NG 43-11  
EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES

Over 100,000	NEW DELHI
50,000 to 100,000	BHOPAL
10,000 to 50,000	Durg
2,000 to 10,000	Orai
District Headquarters	Quite

ROADS

Dual highway	4 LANE DUAL
All weather, hard surface	4 LANE
More than two lanes wide	4 LANE
Two lanes wide	3 LANE
One lane wide	2 LANE
All weather, loose or light surface	3 LANE
More than two lanes wide	3 LANE
Two lanes wide	2 LANE
One lane wide	2 LANE
Fair or dry weather, loose surface	2 LANE
Cart track	2 LANE
Footpath, trail	2 LANE
Road marker	50

RAILROADS

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

BOUNDARIES

International	
First-order administrative	

OTHER FEATURES

Area name	BHANGSHAI
Mine or quarry	
Campsite; Ruins; Watermill	
School; Church; Landmark	
Mosque; Muslim shrine	
Small reservoir or cistern	
Well; Perennial; Intermittent; Spring	
Underground aqueduct with shafts	
Sabha or Dry lake; Intermittent lake	
Single line intermittent stream; Wadi	
Marsh or swamp; Land subject to inundation	
Mound; Levee	
Mudflat; Distorted surface	
Sand; flat or rolling; Sand dunes	
Horizontal control point	

VEGETATION

Woods, brushwood; Scattered trees	
Orchard, vineyard; Scrub	NONE

HYDROGRAPHY

Rocks, uncovering or awash	
Exposed wreck	
Limit of danger; Reef	
Foreshore flat	
Depth curve; Lighthouse	

TERRAIN ELEVATIONS

Spot elevation, normal, critical: 546 840  
HIGHEST KNOWN ELEVATION IS 2014 feet at the following coordinates:  
Geographic: 25°02' N, 75°11' E  
Grid: H33184  
... following elevation value indicates accuracy is not within 100 feet

AERODROMES (Military or Civil)

EDNA/50/A	
Runway pattern known	725
Field limits and runway pattern unknown	

HELIPORT

RADIO FACILITIES	
VOR VORTAC	
TACAN VOR/DME	
RADIO RANGE LF/MF	RNC HURN
MULTIPLE RADIO FACILITIES	NDR RING PARIS

CONTROLLED AIRSPACE

ADIZ	ATLANTIC ADIZ
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VISUAL AIDS AND OBSTRUCTIONS

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

CAUTION

AIR INFORMATION CURRENT THROUGH 29 JUNE 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 1980 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 are represented 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

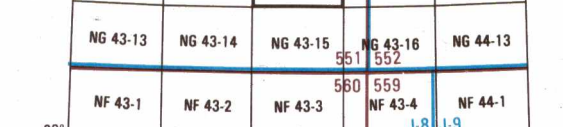
125

LOCATION DIAGRAM

(NIC INDEX SHOWN IN BLUE)  
(MAG INDEX SHOWN IN RED/BROWN)

NG 43-1	NG 43-2	NG 43-3	NG 43-4	NG 43-5
NG 43-6	NG 43-7	NG 43-8	NG 43-9	NG 43-10
NG 43-11	NG 43-12	NG 43-13	NG 43-14	NG 43-15
NG 43-16	NG 43-17	NG 43-18	NG 43-19	NG 43-20

Prepared and published by the Defense Mapping Agency Topographic Center, Washington, D.C., 20315. Compiled 1977. Revised by DMAAC January 1992.

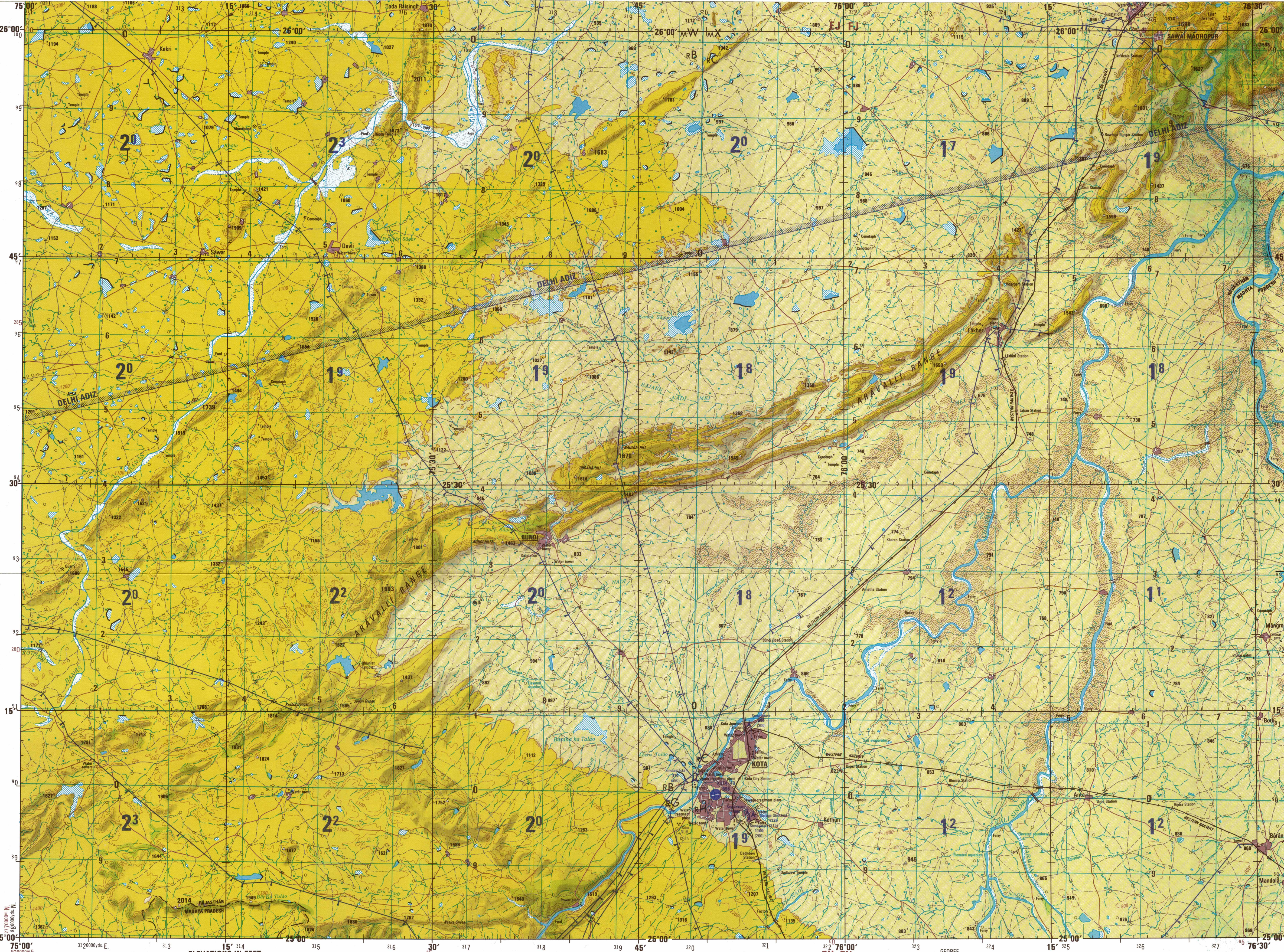


CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	304	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
100	30	1000	305
0	0	0	0

SCALE 1:250,000  
KOTA, INDIA

SERIES 1501 AIR  
SHEET NG 43-11  
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Scale 1:250,000  
Scale in Statute Miles (0 to 20) and Nautical Miles (0 to 15)

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

CONTOUR INTERVAL APPROXIMATELY 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 100 FEET

RED/BROWN NUMBERED TICKS INDICATE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 43, WORLD GEODETIC SYSTEM ELLIPSOID.

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

Geographic: Subtract 3.8" Long; Add 1.2" Lat.

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK, 1480, 4505 GOLF COURSE, COMMERCIAL, S.W. CORNER OF 34th AND 45th STS., WASHINGTON, D.C. 20340-5003, OR WRITE TO DIRECTOR, NATIONAL NAUTICAL AND MAP-PRODUCING AGENCY, ATTN.: ES, MAIL STOP 1-8, 4600 SANDWICH ROAD, BETHEA, MD 20814-5003.

USE THIS BOX FOR GIVING REFERENCES ON THE INDIAN GRID

500,000 YARD (Large Letter) and 100,000 YARD (Small Letter) SQUARE IDENTIFICATIONS

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 YARDS

EXAMPLE POINT: VILLAGE

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

2. Locate first VERTICAL grid line or tick to 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. If reporting beyond 500,000 yards prefix with 500,000 Yard Square Identification, etc.

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USE THIS BOX FOR GIVING REFERENCE ON THE UNIVERSAL TRANSVERSE MERCATOR GRID

SAMPLE 1000 METER REFERENCE

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

2. Locate first VERTICAL grid line or tick to 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. If reporting beyond 500,000 yards prefix with 500,000 Yard Square Identification, etc.

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ELEVATIONS IN FEET

GLOSSARY

Dungh	hill
Dungh	hill
Mund	mountain pass
Nadi	stream
Sagar	lake, reservoir
Talo	lake, pond, reservoir

RELIABILITY OF THIS GRAPHIC

PLATTING ACCURACY NON ASSURANCE

Horizontal	Within 90%
Vertical	Within 100%

GRAPHIC FEATURE DATE OF INFORMATION

Contours	1977
All other features	1988

Horizontal Datum: Indian Datum  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

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 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 classification should be referred to with caution.

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