

SERIES 1501 AIR
SHEET NH 42-5
EDITION 3

POPULATED PLACES
Over 100,000
50,000 - 100,000
10,000 - 50,000
2,000 - 10,000
Less than 2,000

ROADS
Dual highway
All weather, hard surface
More than two lanes wide
Two lanes wide
One lane wide
All weather, loose or light surface
More than two lanes wide
Two lanes wide
One lane wide
Fair or dry weather, loose surface
Cart track
Footpath, trail

RAILROADS
Normal gauge, single track 5'6" (1.68M)
Normal gauge, double track; Narrow gauge

BOUNDARIES
International
First-order administrative

OTHER FEATURES
Area name
School; Church; Landmark feature
Cemetery; Mosque; Moslem shrine
Ruins; Watermill; Mine or quarry
Tank; Well; Wall; Fence
Horizontal control point
Scattered trees; Orchard
Sand; Ripple dunes; Lateral dunes

HYDROGRAPHY
Well; Spring; Underground aqueduct
Disappearing stream
Intermittent lake; Dry lake
Intermittent stream; Single; Double line; Dam

TERRAIN ELEVATIONS
Spot elevation; normal; critical
HIGHEST KNOWN ELEVATION IS 11333 feet at the following coordinates
Geographic 30°15'N, 67°18'E
Grid UJ3649

AERODROMES (Military or Civil)
Runway pattern known
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
RADIO AIDS TO NAVIGATION
VHF OMNI RANGE (VOR)
VORTAC
TACAN
VOR with DME
Other facilities

RADIO FACILITIES
RADIO RANGE LF/MF
MULTIPLE RADIO FACILITIES
CONTROLLED AIRSPACE
ADIZ

VISUAL AIDS AND OBSTRUCTIONS
Obstruction
1109 - Elevation of obstruction top, above sea level
(259) - Elevation of obstruction top, above ground level
Group obstruction
Radio facility obstruction
Power transmission line
Aero light; Marine light

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
22 APRIL 1999
Consult NOTAMS and Flight Information Publications for the latest air information; the NIMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

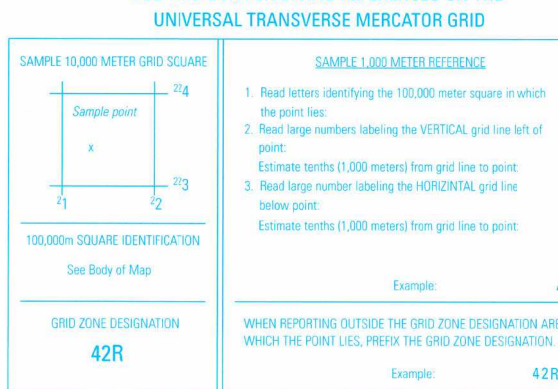
MAGNETIC VARIATION THROUGHOUT CHART AREA FOR 1995 IS APPROXIMATELY 1°30' EAST
(Annual rate of change, no change)

ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
The Maximum Elevation Figures shown in quadrangles bounded by solid 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

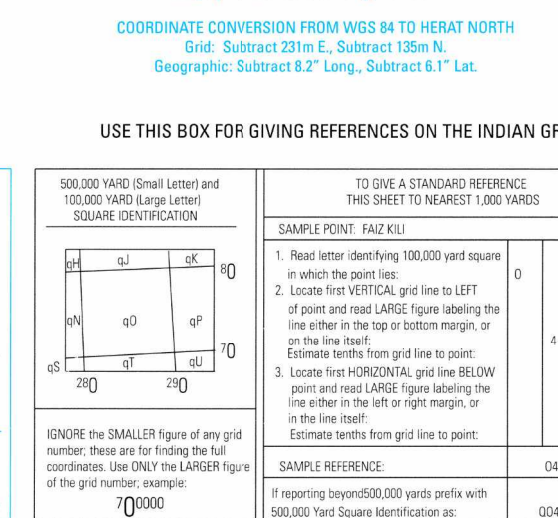
LOCATION DIAGRAM
(ONIC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED-BROWN)

NH 41-15	NH 41-16	NH 41-17	NH 41-18	NH 41-19	NH 41-20
NH 41-3	NH 41-4	NH 41-5	NH 41-6	NH 41-7	NH 41-8
NH 41-11	NH 41-12	NH 41-13	NH 41-14	NH 41-15	NH 41-16
NH 41-19	NH 41-20	NH 42-1	NH 42-2	NH 42-3	NH 42-4

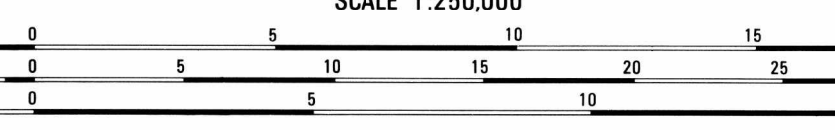
Prepared and published by the National Imagery and Mapping Agency. Compiled in 1968. Revised August 1998.



ELEVATIONS IN FEET
COORDINATE CONVERSION FROM WGS 84 TO INDIAN
Geographic: Subtract 0.3" Long, Add 0.3" Lat.
COORDINATE CONVERSION FROM WGS 84 TO HEART NORTH
Grid: Subtract 227m E, Subtract 128m N
Geographic: Subtract 0.2" Long, Subtract 0.1" Lat.



JOINT OPERATIONS GRAPHIC (AIR)

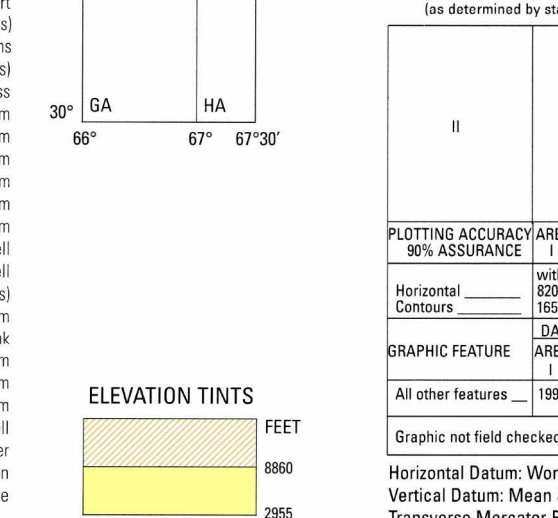


BLUE NUMBERED LINES INDICATE THE 10,000 YARD UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 42, WORLD GEODETIC SYSTEM 1984 ELLIPSOID.
BLACK NUMBERED TICKS INDICATE 10,000 YARD INDIAN GRID ZONE I A, EVEREST ELLIPSOID.
USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-9886; COMMERCIAL 314-263-4864; DSN 985-4864; OR WRITE TO DIRECTOR, NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY, ATTN: ES, MAIL STOP L-8, 4600 SANAMORE ROAD, BETHESDA, MD 20815-5003.
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ELEVATIONS IN FEET GLOSSARY

FEET	METERS
100	30
200	61
300	91
400	122
500	152
600	183
700	213
800	244
900	274
1000	305
1100	336
1200	366
1300	397
1400	427
1500	458
1600	488
1700	519
1800	549
1900	580
2000	610
2100	641
2200	671
2300	702
2400	732
2500	763
2600	793
2700	824
2800	854
2900	885
3000	915
3100	946
3200	976
3300	1007
3400	1037
3500	1068
3600	1098
3700	1129
3800	1159
3900	1190
4000	1220
4100	1251
4200	1281
4300	1312
4400	1342
4500	1373
4600	1403
4700	1434
4800	1464
4900	1495
5000	1525
5100	1556
5200	1586
5300	1617
5400	1647
5500	1678
5600	1708
5700	1739
5800	1769
5900	1800
6000	1830
6100	1861
6200	1891
6300	1922
6400	1952
6500	1983
6600	2013
6700	2044
6800	2074
6900	2105
7000	2135
7100	2166
7200	2196
7300	2227
7400	2257
7500	2288
7600	2318
7700	2349
7800	2379
7900	2410
8000	2440
8100	2471
8200	2501
8300	2532
8400	2562
8500	2593
8600	2623
8700	2654
8800	2684
8900	2715
9000	2745
9100	2776
9200	2806
9300	2837
9400	2867
9500	2898
9600	2928
9700	2959
9800	2989
9900	3020
10000	3050

GEOREF BASIC 15° QUADRANGLE



RELIABILITY OF THIS GRAPHIC

(As determined by standard procedure)

PLOTTING ACCURACY	AREA	AREA	AREA	AREA
90% ASSURANCE	I	II	III	IV
Horizontal	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)
Vertical	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)	within 100 ft (30 m)

DATE OF INFORMATION: 1995 1994 1993 1991
GRAPHIC FEATURE: I II III IV
All other features: 1995 1994 1993 1991
Graphic not field checked.

Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

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 lane is generally considered as being 8 feet (2.5 meters) in width.
Road classification should be referred to with caution.
BOUNDARIES REPRESENTATION IS NOT NECESSARILY AUTHORITY. ALIGNMENT OF ALL BOUNDARIES IS APPROXIMATE.