



LEGEND

POPULATED PLACES
 Density built-up areas
 Sparse to moderately built-up areas

ROADS
 Divided highway
 All weather, hard surface
 two or more lanes wide
 one lane wide
 All weather, loose surface
 two or more lanes wide
 one lane wide
 Fair or dry weather, loose surface
 Track: Trail
 Route marker: National

RAILROADS
 Single track
 Double track
 Normal gauge
 Narrow gauge
 Diamonded railroad
 Railroad station

BOUNDARIES
 International
 First-order administrative division (Gobolka)

MISCELLANEOUS CULTURAL FEATURES
 Building: Hut
 Church: Mosque
 Synagogue, Temple
 Shrine, Cemetery
 Mine, Tank
 Dam: Masonry, Earthen
 Pipeline:
 Above ground
 Below ground
 Bridge: Road, Railroad
 Area name
 GUUD XAAD
 Spot elevation: Highest, Normal, 828 413

AERONAUTICAL DATA

Tall object:
 less than 51m. high
 Obstruction:
 51m. or higher

Power line
 Aerial:
 More than 800m. long
 Less than 800m. long
 Heligport

DRAINAGE

Streams:
 Less than 50m. wide
 Over 50m. wide
 Ditches:
 Perennial, less than 25m. wide
 Perennial, over 25m. wide
 Spring: Perennial, Intermittent
 High: Perennial, Intermittent
 Disappearing stream; Sabkha
 Salt evaporator; Wet sand
 Dry lake
 Intermittent lake; Land subject to natural inundation
 Swamp; Rice

RELIEF
 Depression
 Escarpment:
 Greater height than contour interval
 Less height than contour interval
 Levee; Levee carrying road

MISC.
 Cultivated land; Sand
 Gravel; Distorted surface
 Rippled dunes; Transverse dunes
 Crescent dunes; Lateral dunes
 VEGETATION
 Woodland; Scrub
 Orchard; Vineyard

NOTES

COMPILED IN 1989 FROM BEST AVAILABLE SOURCES.
 A LANE ON THIS MAP IS CONSIDERED TO BE 3.0 METERS (10 FEET) WIDE.

GLOSSARY

Buraha Nil, mountain ridge

CONVERSION GRAPH

(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
700	2300	1300	4200
800	2600	1400	4500
900	2900	1500	4800
1000	3200	1600	5100
1100	3500	1700	5400
1200	3800	1800	5700
1300	4100	1900	6000
1400	4400	2000	6300
1500	4700	2100	6600
1600	5000	2200	6900
1700	5300	2300	7200
1800	5600	2400	7500
1900	5900	2500	7800
2000	6200	2600	8100
2100	6500	2700	8400
2200	6800	2800	8700
2300	7100	2900	9000
2400	7400	3000	9300
2500	7700	3100	9600
2600	8000	3200	9900
2700	8300	3300	10200
2800	8600	3400	10500
2900	8900	3500	10800
3000	9200	3600	11100
3100	9500	3700	11400
3200	9800	3800	11700
3300	10100	3900	12000
3400	10400	4000	12300
3500	10700	4100	12600
3600	11000	4200	12900
3700	11300	4300	13200
3800	11600	4400	13500
3900	11900	4500	13800
4000	12200	4600	14100
4100	12500	4700	14400
4200	12800	4800	14700
4300	13100	4900	15000
4400	13400	5000	15300
4500	13700	5100	15600
4600	14000	5200	15900
4700	14300	5300	16200
4800	14600	5400	16500
4900	14900	5500	16800
5000	15200	5600	17100
5100	15500	5700	17400
5200	15800	5800	17700
5300	16100	5900	18000
5400	16400	6000	18300
5500	16700	6100	18600
5600	17000	6200	18900
5700	17300	6300	19200
5800	17600	6400	19500
5900	17900	6500	19800
6000	18200	6600	20100
6100	18500	6700	20400
6200	18800	6800	20700
6300	19100	6900	21000
6400	19400	7000	21300
6500	19700	7100	21600
6600	20000	7200	21900
6700	20300	7300	22200
6800	20600	7400	22500
6900	20900	7500	22800
7000	21200	7600	23100

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS
 SUPPLEMENTARY CONTOURS 20 METERS

ELLIPSOID WORLD GEODETIC SYSTEM 72 WGS-84 VALIDATED
 GRID 1000 METER UTM ZONE 38
 PROJECTION TRANSVERSE MERCATOR
 VERTICAL DATUM MEAN SEA LEVEL AT MORGANSHU
 HORIZONTAL DATUM WORLD GEODETIC SYSTEM 72
 PRINTED BY DMA/HC 7-89
 Printed by NMMA 12-91

COORDINATE CONVERSIONS WGS 72 TO WGS 84
 Grid: Add 17m.E.; Add 5m.N.
 Geographic: Add 0° Long.; Add 0.1° Lat.

100 METER REFERENCE

1. Read large numbers labeling the VERTICAL grid line left of point and estimate tenths (100 meters) from grid line to point. 12 2

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6

Example: 12456

WHEN REPORTING ACROSS A 100,000 METER LINE, PRINT THE FULL SEVEN DIGIT GRID ZONE DESIGNATION IN WHICH THE POINT LIES.
 Example: PS123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PRINT THE GRID ZONE DESIGNATION.
 Example: 38PS123456

BOUNDARIES

GOBOLKA SANAAG

ADJOINING SHEETS

8845	8846	8847
8845	8846	8847
8845	8846	8847

Sheet 8845 falls within NC 34-4, 1501, 1:250,000.

ELEVATION GUIDE

160
150
140
130
120
110

180
170
160
150
140
130
120
110

Highest 100 Medium 10 Low

SCALE

Scale 1:100,000

0 1 2 3 4 5 6 7 8 9 10 Kilometers

0 1 2 3 4 5 6 Nautical Miles

GRID CONVERSION
 FROM GRID NORTH
 TO MAGNETIC NORTH
 1985
 G-M ANGLE
 10° (10 MILS)

TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH
 SUBTRACT G-M ANGLE

TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH
 ADD G-M ANGLE