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LEGEND

POPULATED PLACES
Densely built-up areas
Sparingly 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
Normal gauge
Narrow gauge
Disassembled railroad
Railroad station

BOUNDARIES
International
First-order administrative division (Gobolka)

MISCELLANEOUS CULTURAL FEATURES
Building; Hut
Church; Mosque
Synagogue; Temple
Shrine; Cemetery
Mint; Tank
Dun; Masonry; Earthen
Pigstie

AERONAUTICAL DATA
Tail object
Obstruction
DRAINAGE
Streams
Ditches
Wells
Salt evaporator; Wet sand
Dry lake
Interspersed lake; Land subject to natural inundation
Swamp; Rice

RELIEF
Depression
Escarpment
Greater height than contour interval
Less height than contour interval
Level; Level carrying road
Cultivated land; Sand
Gravel; Distorted surface
Ripple dunes; Transverse dunes
Concent dunes; Lateral dunes

VEGETATION
Woodland; Scrub
Orchard; Vineyard

Spot elevation: Highest: Normal '828 '413

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

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
700	2300	1300	4300
2000	6600	4000	13100
3000	9900	6000	19800
4000	13200	8000	26500
5000	16500	10000	33200
6000	19800	12000	39900
7000	23100	14000	46600
8000	26400	16000	53300
9000	29700	18000	60000
10000	33000	20000	66700
11000	36300	22000	73400
12000	39600	24000	80100
13000	42900	26000	86800
14000	46200	28000	93500
15000	49500	30000	100200
16000	52800	32000	106900
17000	56100	34000	113600
18000	59400	36000	120300
19000	62700	38000	127000
20000	66000	40000	133700
21000	69300	42000	140400
22000	72600	44000	147100
23000	75900	46000	153800
24000	79200	48000	160500
25000	82500	50000	167200
26000	85800	52000	173900
27000	89100	54000	180600
28000	92400	56000	187300
29000	95700	58000	194000
30000	99000	60000	200700

GLOSSARY
Barometer
Peak
Barometer
Barometer

Scale 1:100,000

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

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS
SUPPLEMENTARY CONTOURS IN METERS
RELIEF PARTIALLY SHOWN BY FORM LINES

ELIPSOID WORLD GEODETIC SYSTEM 72
GRID UTM METER UTM ZONE 38
PROJECTION TRANSVERSE MERCATOR
VERTICAL DATUM MEAN SEA LEVEL AT MOGADISHU
HORIZONTAL DATUM WORLD GEODETIC SYSTEM 72
PRINTED BY NIMA 01-02

COORDINATE CONVERSIONS WGS 72 TO WGS 84
Grid: Add 17m E; Add 5m N
Geographic: Add 0.6" Long; Add 0.1" Lat.

100 METER REFERENCE
1. Read large numbers labeling the VERTICAL grid line left of point and distance (feet) (100 meters) from grid line to point (12').
2. Read large numbers labeling the HORIZONTAL grid line below point and distance (feet) (100 meters) from grid line to point (45').
Example: 12450

WHEN REPORTING ACROSS A 100-METER LINE, PREFIX THE 100-METER SQUARE IDENTIFICATION BY WHICH THE POINT USES.
Example: N312500

WHEN REPORTING OUTSIDE THE GRID ZONE IDENTIFICATION AREA, PREFIX THE GRID ZONE IDENTIFICATION.
Example: 38P312500

THIS MAP IS RED-LIGHT READABLE

BOUNDARIES
GOLDKA WOODDY GALEED
GOLDKA TOGHEER

ADJOINING SHEETS
8646 8647 8648
8645 8645 8645

ELEVATION GUIDE
Highest 138
High 321
Medium 684
Low 1016

COORDINATE CONVERSIONS WGS 72 TO WGS 84
Grid: Add 17m E; Add 5m N
Geographic: Add 0.6" Long; Add 0.1" Lat.

GRID CONVERGENCE
0" (0" MILS) FOR CENTER OF SHEET

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

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

1985 G-M ANGLE (IN MILS)

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-5099; COMMERCIAL: 214-363-4064; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

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