



HYDROGRAPHIC DATUM MEAN LOW WATER

- Depth curve (meters)
- Foreshore flats
- Rocks awash; Reef
- Wreck: Exposed; Sunken with masts exposed
- Wharf, pier
- Seawall
- Oil/gas platform

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Hydrographic/Topographic Center, Washington, D.C.

LEGEND

POPULATED PLACES
Densely built-up areas
Sparsely 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
Discontinued railroad
Railroad station

BOUNDARIES
International
First-order administrative division (Gobolka)

MISCELLANEOUS CULTURAL FEATURES
Building: Hut
Church, Mosque
Synagogue, Temple
Shrine, Cemetery
Mina, Tank
Dam: Masonry; Earthen
Pipeline:
Above ground
Below ground
Bridgeway: Railroad
Area name: GUUD XAAD
Spot elevation: Highest; Normal: 826 *413

AERONAUTICAL DATA
Single Group
Less than 61m. high
Obstruction: 61m. or higher
Power line
Airsfield:
More than 800m. long
Less than 800m. long
Heliport
Perennial Intermittent
Streams:
Less than 50m. wide
Over 50m. wide
Ditches:
Perennial, less than 25m. wide
Perennial, over 25m. wide
Spring; Perennial; Intermittent
Wet; Perennial; Intermittent
Disappearing stream; Sabkha
Salt evaporator; Wet sand
Dry lake
Intermittent lake; Land subject to natural inundation
Swamp; Rice
Depression
Escarpment:
Greater height than contour interval
Less height than contour interval
Levee; Levee carrying road
Cultivated land; Sand
Gravel; Disturbed surface
Ripple 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
Barraarka plain

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

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
0	0	100	328
100	328	200	656
200	656	300	984
300	984	400	1312
400	1312	500	1640
500	1640	600	1968
600	1968	700	2296
700	2296	800	2624
800	2624	900	2952
900	2952	1000	3280
1000	3280	1100	3608
1100	3608	1200	3936
1200	3936	1300	4264
1300	4264	1400	4592
1400	4592	1500	4920
1500	4920	1600	5248
1600	5248	1700	5576
1700	5576	1800	5904
1800	5904	1900	6232
1900	6232	2000	6560
2000	6560	2100	6888
2100	6888	2200	7216
2200	7216	2300	7544
2300	7544	2400	7872
2400	7872	2500	8200
2500	8200	2600	8528
2600	8528	2700	8856
2700	8856	2800	9184
2800	9184	2900	9512
2900	9512	3000	9840
3000	9840	3100	10168
3100	10168	3200	10496
3200	10496	3300	10824
3300	10824	3400	11152
3400	11152	3500	11480
3500	11480	3600	11808
3600	11808	3700	12136
3700	12136	3800	12464
3800	12464	3900	12792
3900	12792	4000	13120

Scale 1:100,000

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

0 1 2 3 4 5 6 7 Statute Miles

ELEVATIONS IN METERS

CONTOUR INTERVAL 40 METERS

ELLIPSOID WORLD GEODETIC SYSTEM 72 WGS 84 VALIDATED
GRID 1000 METER UTM ZONE 38
PROJECTION TRANSVERSE MERCATOR
VERTICAL DATUM MEAN SEA LEVEL (AT MOGADISHU)
HORIZONTAL DATUM WORLD GEODETIC SYSTEM 72
PRINTED BY NIMA 12-01

COORDINATE CONVERSIONS WGS 72 TO WGS 84
Grid: Add 17m.E.; Add 5m.N.
Geographic: Add 0.0" 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. 12.3

2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45.0

Example: 123456

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
Example: 1815123456

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
Example: 1815123456

CONVERSION GRAPH
(1 meter = 3.28 feet)

Meters 400 300 200 100 0
Feet 1300 900 600 300 0

BOUNDARIES
The representation of international boundaries is not necessarily authoritative.

ADJOINING SHEETS

8247 GULF OF ADEN	8248 SOMALIA
8246 SOMALIA	8245

ELEVATION GUIDE

1000
G-M ANGLE
1" (20 MILS)

1985
G-M ANGLE
1" (20 MILS)

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