



Prepared and published by the Defense Mapping Agency  
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  
one lane wide  
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  
Mini: Tomb  
Dam: Masonry: Earthen  
Pigeline:  
Above ground  
Below ground  
Bridge: Road: Railroad  
Area name  
CULTIVATED LAND  
Spot elevation: Highest: Normal: 828 413

**AERONAUTICAL DATA**  
Tall object  
less than 61m. high  
Obstruction:  
61m or higher  
Power line  
Artfield:  
More than 80m. long  
Less than 80m. long  
Helipad  
Perennial, Intermittent  
Streams:  
Less than 50m. wide  
Over 50m. wide  
Ditches:  
Perennial, less than 25m. wide  
Perennial, over 25m. wide  
Spring: Perennial, Intermittent  
Well: Perennial, Intermittent  
Disappearing stream: Sabkha  
Salt evaporator: Wet sand,  
Dry lake  
Intermittent lake; Land subject  
to natural inundation  
Swampy; Rice  
**RELIEF**  
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.

**CONVERSION GRAPH**  
(1 meter = 3.28 feet)

**ELEVATIONS IN METERS**  
CONTOUR INTERVAL 40 METERS  
SUPPLEMENTARY CONTOURS 20 METERS

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

**GLOSSARY**  
Buuraha  
Raas/reef

**BOUNDARIES**  
GOLBOLKA SANAAG

**ADJOINING SHEETS**  
9147 9147 9147  
9146 9146 9146  
Date: 9147 1st. within NC 84-4. 1001. 1:200,000.

**ELEVATION GUIDE**  
170  
160  
150  
140  
130  
120  
110  
100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0  
Highest High Medium Low

**THIS MAP IS RED-LIGHT READABLE**

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK:  
1-800-455-0899; COMMERCIAL 314-263-4844; DSN 693-4844; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND  
MAPPING AGENCY, ATTN: ES, MAIL STOP 1-48, 4600 SANGAMORE ROAD, BETHESDA, MD 20818-5002.

**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  
0 1 2 3 4 5 6 Nautical Miles

**GRID**  
ELLIPSOID: WORLD GEODETIC SYSTEM 72  
GRID: 1000 METER UTM ZONE 39 (BLUE NUMBERED LINES)  
1000 METER UTM ZONE 38 (RED/BROWN NUMBERED TICKS)  
PROJECTION: TRANSVERSE MERCATOR  
VERTICAL DATUM: MEAN SEA LEVEL AT MOGADISHU  
HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 72  
Printed by: NIMA 12-01

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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 3  
2. Read large numbers labeling the HORIZONTAL grid line below point and estimate tenths (100 meters) from grid line to point. 45 6  
Example: 123456  
Example: 78123456

**WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.**  
Example: 78123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.**  
Example: 38P78123456

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