



**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  
Dismantled railroad  
Railroad station

**BOUNDARIES**  
International  
First-order administrative division (Gobolka)

**MISCELLANEOUS CULTURAL FEATURES**  
Building: Hut  
Church: Mosque  
Synagogue: Temple  
Shrine: Cemetery  
Mausoleum: Tomb  
Dark: Masonry, Earthen  
Pipeline  
Above ground  
Below ground  
Bridge: Road, Railroad  
Area name: GULUD XAALAD  
Spot elevation: Highest; Normal: 828 1413

**LEGEND**  
SYMBOLICAL DATA  
Tail object, less than 61m high  
Observation, 61m or higher  
Power line  
Airfield  
DRAINAGE  
Spring: Perennial, Intermittent  
Wetland: 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  
Levee; Levee carrying road  
Cultivated land; Sand  
Gravel; Disturbed surface  
Ripple dunes; Transverse dunes  
Crescent dunes; Lateral dunes  
VEGETATION  
Woodland; Scrub  
Orchard; Vineyard

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

Meters	Feet	Meters	Feet	Meters	Feet
600	1968	1200	3936	1800	5904
700	2296	1300	4264	1900	6232
800	2624	1400	4592	2000	6560
900	2952	1500	4920	2100	6888
1000	3280	1600	5248	2200	7216
1100	3608	1700	5576	2300	7544
1200	3936	1800	5904	2400	7872
1300	4264	1900	6232	2500	8200
1400	4592	2000	6560	2600	8528
1500	4920	2100	6888	2700	8856
1600	5248	2200	7216	2800	9184
1700	5576	2300	7544	2900	9512
1800	5904	2400	7872	3000	9840
1900	6232	2500	8200	3100	10168
2000	6560	2600	8528	3200	10496
2100	6888	2700	8856	3300	10824
2200	7216	2800	9184	3400	11152
2300	7544	2900	9512	3500	11480
2400	7872	3000	9840	3600	11808
2500	8200	3100	10168	3700	12136
2600	8528	3200	10496	3800	12464
2700	8856	3300	10824	3900	12792
2800	9184	3400	11152	4000	13120
2900	9512	3500	11480	4100	13448
3000	9840	3600	11808	4200	13776
3100	10168	3700	12136	4300	14104
3200	10496	3800	12464	4400	14432
3300	10824	3900	12792	4500	14760
3400	11152	4000	13120	4600	15088
3500	11480	4100	13448	4700	15416
3600	11808	4200	13776	4800	15744
3700	12136	4300	14104	4900	16072
3800	12464	4400	14432	5000	16400
3900	12792	4500	14760		
4000	13120	4600	15088		
4100	13448	4700	15416		
4200	13776	4800	15744		
4300	14104	4900	16072		
4400	14432	5000	16400		

Scale 1:100,000  
One second of longitude equals 30.23m

**ELEVATIONS IN METERS**

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

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

**GLOSSARY**  
Buraaha: hill, mountain, ridge  
Raas: point

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

**THIS MAP IS RED-LIGHT READABLE**

**ELLIPSOID** ..... WORLD GEODETIC SYSTEM 72 WGS 84 VALIDATED  
**GRID** ..... 1,000 METER UTM ZONE 38  
**PROJECTION** ..... TRANSVERSE MERCATOR  
**HORIZONTAL DATUM** ..... MEAN SEA LEVEL AT MOGADISHU  
**VERTICAL DATUM** ..... WORLD GEODETIC SYSTEM 72  
**PRINTED BY** ..... NIMA (12-01)

**GRID CONVERGENCE** 0°19' 14.6" MILS FOR CENTER OF SHEET  
**G.M. ANGLE** 1°14' (10 MILS)

**TO CONVERT A MAGNETIC AZIMUTH TO A GRID AZIMUTH**  
SUBTRACT 6-M ANGLE

**TO CONVERT A GRID AZIMUTH TO A MAGNETIC AZIMUTH**  
ADD 6-M ANGLE

**USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-8988. COMMERCIAL: 314-325-4864. FOR INFO: 800-455-8984. OR WRITE TO: DIRECTOR, NATIONAL MAPPING AGENCY, ATTN: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.**

**BOUNDARIES**  
GOLBOLKA BARI

**ADJOINING SHEETS**  
GULF OF ADEN  
9446 9447 9448

**ELEVATION GUIDE**

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