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**LEGEND**

<b>POPULATED PLACES</b>	<b>AERONAUTICAL DATA</b>	<b>RELIEF</b>
Densely built-up areas	Tall object	Depression
Sparingly to moderately built-up areas	less than 61m. high	Greater height than contour interval
<b>ROADS</b>	Obstruction	Less height than contour interval
Divided highway	61m. or higher	Level; Level carrying road
All weather, hard surface	Power line	<b>VEGETATION</b>
Two or more lanes wide	Artificial	Cultivated land; Sand
One lane wide	More than 300m. long	Gravel; Distorted surface
All weather, loose surface	Less than 300m. long	Gravel; Distorted surface
Two or more lanes wide	Helipad	Ripple dunes; Transverse dunes
One lane wide	Personal, less than 25m. wide	Crescent dunes; Lateral dunes
Fair or dry weather, loose surface	Personal, over 25m. wide	<b>WOODLAND</b>
Track/Trail	Spring; Perennial; Intermittent	Woodland; Scrub
<b>RAILROADS</b>	Well; Perennial; Intermittent	<b>WATER</b>
Normal gauge	Disappearing stream; Sabaha	Stream; Rice
Narrow gauge	Salt evaporator; Wet sand	<b>BOUNDARIES</b>
Discontinued railroad	Dry lake	International
Railroad station	Intermittent lake; Land subject to natural inundation	First-order administrative division (Gobolka)
<b>BOUNDARIES</b>	Swampy; Rice	<b>MISCELLANEOUS CULTURAL FEATURES</b>
International	<b>RELIEF</b>	Building; Hut
First-order administrative division (Gobolka)	Escarpment	Church; Mosque
<b>MISCELLANEOUS CULTURAL FEATURES</b>	Greater height than contour interval	Synagogue; Temple
Building; Hut	Less height than contour interval	Shrine; Cemetery
Church; Mosque	Level; Level carrying road	Mine; Tank
Synagogue; Temple	<b>VEGETATION</b>	Dam; Masonry; Earthen
Shrine; Cemetery	Cultivated land; Sand	Pipeline
Mine; Tank	Gravel; Distorted surface	Above ground
Dam; Masonry; Earthen	Ripple dunes; Transverse dunes	Below ground
Pipeline	Crescent dunes; Lateral dunes	Bridge; Road; Railroad
Above ground	<b>WOODLAND</b>	Area name
Below ground	Woodland; Scrub	Spot elevation: Highest; Normal
Bridge; Road; Railroad	<b>WATER</b>	
Area name	Stream; Rice	
Spot elevation: Highest; Normal	<b>BOUNDARIES</b>	
	International	
	First-order administrative division (Gobolka)	

**NOTES**

COMPILED IN 1989 FROM BEST AVAILABLE SOURCES.

**CONVERSION GRAPH**

(1 meter = 3.28 feet)

Meters	Feet	Meters	Feet
0	0	1000	3280
100	328	1100	3608
200	656	1200	3936
300	984	1300	4264
400	1312	1400	4592
500	1640	1500	4920
600	1968	1600	5248
700	2296	1700	5576
800	2624	1800	5904
900	2952	1900	6232
1000	3280	2000	6560
		2100	6888
		2200	7216
		2300	7544
		2400	7872
		2500	8200
		2600	8528
		2700	8856
		2800	9184
		2900	9512
		3000	9840

**ELEVATIONS IN METERS**

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

**ELLIPSOID** ..... WORLD GEODETIC SYSTEM 72  
**GRID** ..... 1,000 METER UTM ZONE 39  
**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 0.6" Long.; Add 0.1" Lat.

**100 METER REFERENCE**

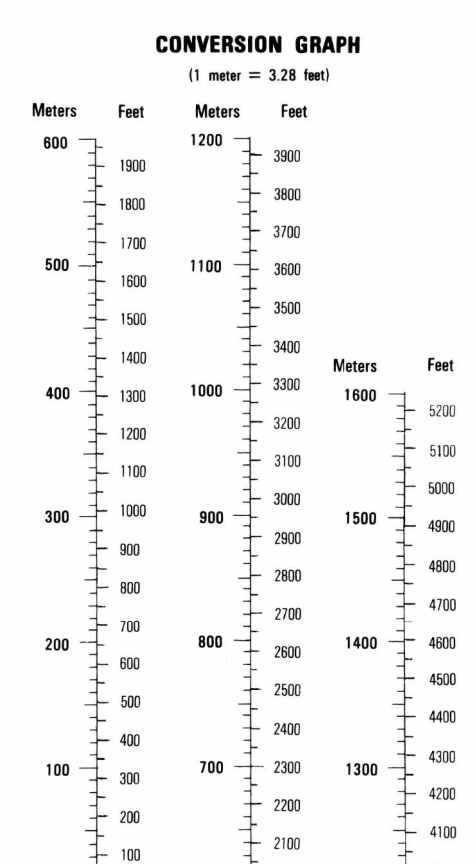
1. Road large numbers labeling the VERTICAL grid line left of point and estimate tenths 100 meters from grid line to point 12 3  
2. Road large numbers labeling the HORIZONTAL grid line below point and estimate tenths 100 meters from grid line to point 45 6  
Example: 123456

**WHEN REPORTING ACROSS A 100,000 METER LINE PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES**  
Example: TN123456

**WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA PREFIX THE GRID ZONE DESIGNATION**  
Example: 39PTN123456

**GLOSSARY**

Buuraha ..... hill, mountain, ridge  
Raas ..... cape, point



**BOUNDARIES**

**ADJOINING SHEETS**

GOLUKA BAR	GOLUKA SANAAG
9145	9247
9146	9248
9247	9349

The internal administrative boundaries are not necessarily authoritative.

**ELEVATION GUIDE**

Elevation (m)	Color
1525	White
1025	Light Yellow
525	Yellow
25	Green

Highest High Medium Low

**GRID CONVERGENCE** 0°29' (7.6 MILS) FOR CENTER OF SHEET

**1985 G-M ANGLE** 1° (25 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