



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  
 All weather, loose surface, two or more lanes 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  
 Minn, Tank  
 Dune, Masonry, Earthen  
 Pipeline  
 Above ground  
 Below ground  
 Bridge: Road, Railroad  
 Area name  
 Spot elevation: Highest, Normal '828 '413

**AERONAUTICAL DATA**  
 Tail object  
 less than 6m high  
 6m or higher  
 Power line  
 Airfield  
 More than 300m long  
 Less than 300m long  
 Helipad

**DRAINAGE**  
 Perennial  
 Intermittent  
 Stream  
 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  
 Swamp, Rice

**RELIEF**  
 Depression  
 Escarpment  
 Greater height than contour interval  
 Level: Level carrying road  
 Cultivated land; Sand  
 Gravel, Disturbed surface  
 Ripple dunes, Transverse dunes  
 Crescent dunes; Lateral dunes  
 VEGETATION  
 Woodland; Scrub  
 Orchard; Vineyard

**MISCELLANEOUS**  
 Barabarka  
 Buuraha

**NOTES**  
 COMPILED IN 1989 FROM BEST AVAILABLE SOURCES.

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

Meters	Feet	Meters	Feet	Meters	Feet
700	2300	1200	3900	1700	5600
800	2600	1300	4300	1800	5900
900	2900	1400	4600	1900	6200
1000	3300	1500	4900	2000	6600
1100	3600	1600	5200	2100	6900
1200	3900	1700	5500	2200	7200
1300	4300	1800	5900	2300	7500
1400	4600	1900	6200	2400	7900
1500	4900	2000	6600	2500	8200
1600	5200	2100	6900	2600	8500
1700	5600	2200	7200	2700	8900
1800	5900	2300	7500	2800	9200
1900	6200	2400	7900	2900	9500
2000	6600	2500	8200	3000	9800
2100	6900	2600	8500	3100	10100
2200	7200	2700	8900	3200	10400
2300	7500	2800	9200	3300	10700
2400	7900	2900	9500	3400	11000
2500	8200	3000	9800	3500	11300
2600	8500	3100	10100	3600	11600
2700	8900	3200	10400	3700	11900
2800	9200	3300	10700	3800	12200
2900	9500	3400	11000	3900	12500
3000	9800	3500	11300	4000	12800
3100	10100	3600	11600	4100	13100
3200	10400	3700	11900	4200	13400
3300	10700	3800	12200	4300	13700
3400	11000	3900	12500	4400	14000
3500	11300	4000	12800	4500	14300
3600	11600	4100	13100	4600	14600
3700	11900	4200	13400	4700	14900
3800	12200	4300	13700	4800	15200
3900	12500	4400	14000	4900	15500
4000	12800	4500	14300	5000	15800

**ELEVATIONS IN METERS**

**CONTOUR INTERVAL 40 METERS**

**ELLIPSOID** ..... WORLD GEODETIC SYSTEM 72 WGS-84 VALIDATED  
**GRID** ..... 1,000 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 0.8" Long, Add 0.1" Lat.

**GRID CONVERGENCE**  
 0.72" (4 MILS) FOR CENTER OF SHEET

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**

**BOUNDARIES**  
 SOMALIA  
 A. Gobolka Sanaag  
 B. Gobolka Togdheer

**ADJOINING SHEETS**

GOLF OF ADEN		
8646	8746	8846
8645	8745	8845
8644	8744	8844

**ELEVATION GUIDE**

**USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 893-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ES, MAIL STOP 1-49, 4800 SANGamore ROAD, BETHESDA, MD 20815-5003.**

**THIS MAP IS RED-LIGHT READABLE**