SOMALIA 1:100,000
Hab-koordinaadka Afgooye

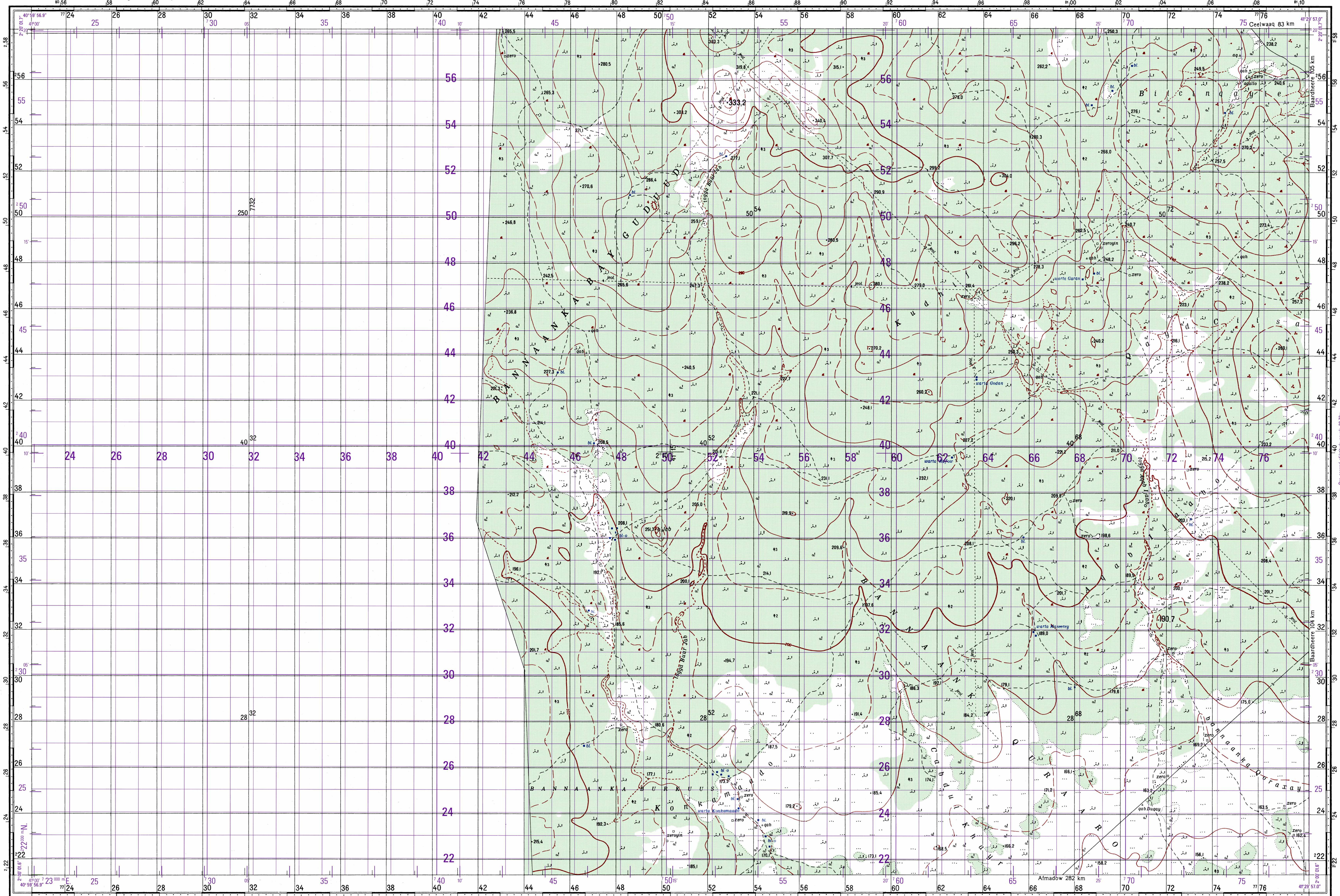
HOGGAANKA KARTOGRAFIYADA WASAARADDA GAASHAANDHIGGA J.D.S.

EDITION **1–DMA** SERIES **Y630** SHEET **NA–37–71**

Jamhuuriyada Demuqraadiga Soomaaliyeed

One second of longitude equals 30.90m

warta KONKAMAADO



Janjeer 1975 galbeed 1° 44′ (0-29). Dhowaanshada dhexe meridiyaanka bari 0° 05′ (0-01). Marka lasaaro kombaska xariiqda fertikalka ee shabaqa koordinaadka, ka duruga dhexe ee falaadha magneetikada galbeed 1° 49′ (0-30). Isbedelka janjeerta sannadka galbeed 0°01′ (0-00). Saxida xagalaha jihada marka loo gudbayo asimutka magneetikada ku darid (0-30).
Tuseelayn: bilo dhexdood wuxu ku tusayaa qaybinta xagalcabirka (hal qayb oo xagalcabirka=3′,6).

CONTOUR INTERVAL 20 METERS

SUPPLEMENTARY CONTOURS 10 METERS

COORDINATE CONVERSION WGS 84 TO AFGOOYE

Geographic: Add 3.0" Long., Subtract 1.6" Lat.

One second of longitude equals 30.90m

Scale 1:100,000

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

1 0 1 2 3 4 5 6 7 Statute Miles

1 0 1 2 3 4 5 6 Nautical Miles

Jeextaagga 20 m
Jeextaagga 100 m
0°30′ 1° 2° 3° 4° 5° 8° 10° 20°

GRID CONVERGENCE
0°5′ (1½ MILS)
FOR CENTER OF SHEET

GN

1990
G-M ANGLE
0° (0 MILS)

Maabka waxaa lagu soo saaray nidaamka isteerofootogaraametriyada sannadkii 1975. xaa la daabacay 1976.

Reprinted by NIMA 12-01

Sansaankii Gaaws.
Ellibsoydka Karasoovski.

GRID .... 1,000 METER UTM ZONE 37, WORLD GEODETIC SYSTEM 1984 ELLIPSOID, WORLD GEODETIC SYSTEM 1984 DATUM (PURPLE NUMBERED LINES)
2,000 METER GAUSS-KRUGER ZONE 7, KRASSOVSKIY ELLIPSOID, AFGOOYE DATUM (BLACK NUMBERED LINES)
2,000 METER GAUSS-KRUGER ZONE 8, KRASSOVSKIY ELLIPSOID, AFGOOYE DATUM (BLACK NUMBERED TICKS)
PROJECTION .... TRANSVERSE MERCATOR (PURPLE TICKS AND VALUES) GAUSS-KRUGER (BLACK TICKS AND VALUES)
VERTICAL DATUM .... MEAN SEA LEVEL
HORIZONTAL DATUM .... WORLD GEODETIC SYSTEM 1984

Prepared and published by the Defense Mapping Agency Hydrographic / Topographic Center Bethesda, Md.

Jaantuuska iskuduwidda maababka

ADJOINING SHEETS

	NA-37-59	NA-37-60
	NA-37-71	NA-37-72
	NA-37-83	NA-37-84

LIMITED REVISIONS IN PURPLE AS OF 1992

Map information as of 1991

CAUTION
THIS PRODUCT MAY NOT CONFORM TO THE HORIZONTAL ACCURACY REQUIREMENTS FOR 1:100,000 TOPOGRAPHIC LINE MAPS. EXTREME CAUTION SHOULD BE USED WHEN MAKING MEASUREMENTS.

SYMBOL LEGEND ASTAAMAHA AQOONSIGA

Points / Baraha: a) Geodetic / Jeodeesiyada b) Astronomic / Astronomiyada c) Supplementary / Dhidibada astooyinka
a) Buildings / Duddooyin b) Family dwellings / Jeesas
Grass roof huts and Somali nomad houses / Muddullo iyo aqallo
Mosque / Masaajido
Gas station / Rugo batrol
Windmill / Matooro hawo
Wind measuring station / Rugo hawa cabbir
a) Large airfield / Gegooyinka dayuuradaha b) Small airfield / Gegooyin-yar-yar
Water tanks / Haamo biyood
Graves / Qabuuro
a) Hard surface highway, 3 meters wide / Haloosimmo (wedaro) iyo kaabado dherer 3 mitir ka badan b) Highway under construction / Haloosimmo dhismahoodu socdaan
a) Loose surface road, 3 meters wide / Waddooyin hagaagsan iyo kaabado dh 3 mitir ka yar b) Road under construction / Waddooyin hagaajiskoodu socdaan
a) Unimproved road (dirt) / Xagaafyo b) Track / Dhabooyin c) Trail / Wadiiqooyin

Geological fault / Jeexdimo jeoloji
a) Telegraph – Telecommunications lines / Siligyo warisgarsiin b) Power transmission line / Korontooyin
a) Perennial streams and lakes / Webiyo iyo harooyin joogto ah b) Seasonal streams and lakes / Webiyo iyo harooyin gura
a) Canals / Keliyo b) Canals under construction / Keliyo dhismahoodu socdaan
Water conduits / Dhunbiyoodo: a) Surface / Dhulkormaran b) Underground / Aasan
Wells / Ceelal
a) Wind driven wells / Ceelal matoor hawo b) Motor driven wells / Ceelal matoor
Rainpools, ponds, reservoirs / Waro, balliyo, barkado
Springs / Ilbiyoodo: a) Natural / Habaysaneen b) Man-made / Habaysan
a) Anchorages / Barrosindhigmooyin b) Port, dock / Xaraydegmo c) Jetty, breakwater / Garbo
Rocks / Dhagxan: a) Underwater (submerged) / Maqursan b) Water level / Biyokafoocoyin c) Above water / Carriyey
Reefs / Shacaabiyaal: a) Underwater / Maqursan b) Above water / Carriyey
a) Shoal, bank / Buuro badeed b) Underwater mounds, rises / Qarar biyokafoocoyin

a) Bathymetric contour / Xariqimo moolalsheeg b) Sounding point / Astooyin mool
a) Lighthouses / Munaarado b) Signal light / Nalal baaq
Water retaining wall, dyke / Biyo xireenno
a) Rock outcrop / Dhadhabo tilmaameed b) Prominent stone / Dhagxan tilmaameed
a) Pits, caves / Godad b) Knoll / Maguuro
a) Sinkholes / Hogbo b) Cavern / Huraanhurro
a) Isolated stone / Dudumooyin teelteel b) Stone and heights / Dudumooyin tilmaameed
Sand / Shalawiyo: a) Fine sand / Ciidad iyo carooyin b) Gravel / Dhagxan iyo qaruuraxiyo
a) Trench / Dooxyo b) Depression / Godonyo
Horizontal contours / Kontuurada (horisontaalo): a) Index / Isiro b) Intermediate / Kontuuro bar ah c) Supplementary / Gargarooyin 596.2 – spot elevation in meters / 596.2 - astooyin taagag
a) Rocky slope / Kalaw b) Cliff, escarpment / Qarar c) Terrace / Gebiyo

a) Pass, saddle / Karimo b) Ravine (dry) / Togag
a) Thorny woods / Hawdad qodxaad b) Tree height and diameters in meters / Hawdad qodxala
Hedges / Teedad: a) Rows of trees / Hawdad b) Grass, sedge / Duur
a) Conspicuous tree / Geedo-tilmaameed b) Lone tree / Geedo
a) Dense palms / Shuuro cawbaarro b) Scattered palms / Cawbaarro teelteel
Thorny savanna / Kayn qodxaad
a) Thorny woods / Duur qodxaad b) Short trees and groups of short trees / Geedo gaab iyo koox geedo gaab
a) Bamboo / Bambu b) Papyrus / Baabiirus
a) Orchards / Beero mirood b) Plantation, garden / Beero
Cultivation / Beero warshadeed: a) Small trees / Geedo gaab b) Grass / Cawsas c) Unknown / Mukay
a) Rice / Bariis b) Enclosure for crops or livestock / Goofaf c) Degraded savanna / Duur dhiman
Ground cover / Dulal: a) Sparse grass / Taagagleh b) Dense clumps / Dugdugleh
a) Stone surface / Dhir teelteel b) Bush and grass / Dhir caws leh

a) Smooth sand / Ciidda siman b) Rocky sand / Qaruuax
Sand / Ciidda: a) Sand mounds / Buureed b) Lateral dunes / Duuneed c) Crescent dunes / Guurta
Boundary / Sohdimo: a) Region / Gobollo b) Game reserve, wild life sanctuary / Xirmooyin ugaareed

Maamulka Magaalo Madaxyada

MUQDISHO	Magaalo Madaxda J. D. S.
HARGEYSA	Magaalo Madaxda gobol
JIRRIIBAN	District Capital Magaalo Madaxda degmo

Magaalooyinka dadku degganyahay

AFGOOYE	ka 10000 ilaa 50 000 kunool yihin
CEEL AFWEYNE	ka 2 000 ilaa 10 000 kunool yihin
TALEEX	ka yar 2 000 inta kunool
LAANTABUUR	Buulooyinka shaqalaha
Xalin 48/25	Small dwellings / Buulooyin: 48/25 sarreyaha-waa dhismaha oo dhan hosseyaha-waa aqallo kaliyah. Upper figure indicates total structures. Lower figure indicates number of buildings.

SAMPLE 1,000 METER GRID SQUARE
46, 45, 12, 13, X SAMPLE POINT

100,000 M. SQUARE IDENTIFICATION
GC

GRID ZONE DESIGNATION
37N

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

WHEN REPORTING ACROSS A 100,000 METER LINE, PREFIX THE 100,000 METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
Example: GC123456

WHEN REPORTING ACROSS THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
Example: 37NGC123456

CAUTION: The 100,000 meter square identifiers (two-letter reference) on this map conform to the currently accepted worldwide system (WGS 84). They may not agree with the 100,000 meter square identifiers found on older versions of JOG's, TPC's and ONC's.

Gawadhida dhaqdhaqaaqoda waxa suragal u ah wakhtiga abaarta iney ku socon karaan orod dhan ilaa 25 km/s. meelaha waddooyinka ka baxsan suragal u ma'aha dhaqdhaqaaqa gawadhida.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4864; DSN 693-4864; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN.: ES, MAIL STOP L-88, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003.

THIS MAP IS RED–LIGHT READABLE

NSN 7643014059377
NIMA Ref No. Y630XNA37071
ED. NO. 001