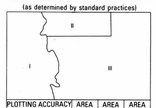
SERIES 1501 AIR
SHEET NB 18-5
EDITION 1

ELEVATION TINTS

FEET
2955
660
330
0

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)



PLOTTING ACCURACY 90° ASSURANCE	AREA I	AREA II	AREA III
Horizontal Contours	within	within 100 ft. 30 m.	within 300 ft. 60 m.
GRAPHIC FEATURE	DATE OF INFORMATION AREA I	AREA II	AREA III
Coastal hydrography Vegetation Contours All other features	1975	1961-88 1961-62 1961-88	1953-89 1953-73 1953-89

Road information not verified graphic not field checked.

Horizontal Datum: WGS-84
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

GLOSSARY

Bahía	bay
Cerro	mountain
Departamento	Primary administrative
Golfo	bay
Isla	island
Punta	cape, point
Río	stream
Serranía	mountains

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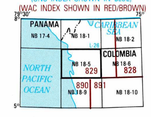
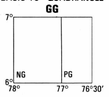
LOCATION DIAGRAM
(ONC INDEX SHOWN IN BLUE)
(WAC INDEX SHOWN IN RED/BROWN)



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

GEOREF
BASIC 15° QUADRANGLE
GG



CAUTION
AIR INFORMATION CURRENT THROUGH
12 JUNE 1990
Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1985
(Annual rate of change 10' increase)
CURVAS DE DECLINACION MAGNETICA IDENTICA PARA 1985
(Variación anual 10' aumento)

CAUTION
Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
The Maximum Elevation Figures shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.). In areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.
EXAMPLE: 12,500 feet 12 5

SCALE 1:250,000
BAHÍA SOLANO, COLOMBIA

SERIES 1501 AIR
SHEET NB 18-5
EDITION 1

MAXIMUM ELEVATION FIGURES ARE BELIEVED NOT TO EXCEED 21,000 FEET

MAXIMUM ELEVATION FIGURES ARE BELIEVED NOT TO EXCEED 21,000 FEET

NORTH PACIFIC OCEAN

SERRANÍA DE BAUDÓ

SERRANÍA DE BAUDÓ

BAHÍA DE HUMBOLDT
BAHÍA DE AGUACATE
GOLFO DE CUPICA
BAHÍA DE NABUGÁ
BAHÍA SOLANO

ALFEMAR/67/s 20
CABO MARZO/22/s 16
Punta Macho
Punta Cruces
Punta Nabugá
Punta San Francisco Solano
Punta Diego
NDB BAHIA SOLANO
CERRO MUTIS JOSE CELESTINO MUTIS/39 60

Guaní, Corredó, Aguacate, Octavia, Cupica, Nabugá, Huacá, Huina, Mecana, Bahía Solano, El Valle, Vereda Garval, Opogadó, Pueblo Nuevo, La Isla de Los Palacios, Alegías, Bella Luz, Murindó, Boca de Murindó, Torquitadó, Vigía del Puerto, Puerto López, Bella Vista, Puerto Conto, Bocas del Murí, San Miguel, Bojayá, Villanueva, El Lana, San Alejandro, Cupica, Santa Catalina de Corondó, Chaná, Dubidó, San José del Buey, Tauchadó, Boca de Bebará, Boca de Bebaramá, Boca de Amá, El Tigre, Puerto Arquía, Tagachí, La Isleta

Río Atrato, Río Baudó, Río Opogadó, Río Torquitadó, Río Napipí, Río Bojayá, Río Guía, Río Murindó, Río Arquía, Río Tagachí, Río Bebará, Río Amá

ISLA GRANDE

DEPARTAMENTO DEL CHOCO
DEPARTAMENTO DEL ANTIOQUIA

LIMITS OF RELIABLE RELIEF INFORMATION
LIMITS OF AVAILABLE VEGETATION INFORMATION
RELIEF DATA INCOMPLETE
LIMITS OF AVAILABLE VEGETATION INFORMATION
LIMITS OF RELIABLE RELIEF INFORMATION
LIMITS OF AVAILABLE VEGETATION INFORMATION
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RELIEF DATA INCOMPLETE
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LIMITS OF AVAILABLE VEGETATION INFORMATION
RELIEF DATA INCOMPLETE
LIMITS OF RELIABLE RELIEF INFORMATION

SN TN
SM TM
TN UM
TM UM

78°00′ 45′ 30′ 15′ 77°00′ 45′ 30′ 15′ 76°30′
7°00′ 6°30′ 6°00′
0°30′W 0°45′W 1°00′W 1°15′W

DEPTHS IN FEET
PROFUNDIDADES EXPRESADAS EN PIES

ELEVATIONS IN FEET
ELEVACIONES EXPRESADAS EN PIES

Prepared and published by the Defense Mapping Agency Aerospace Center, 3200 South Second Street, St. Louis, Missouri 63118-3399. Compiled APRIL 1990.

SAMPLE 10,000 METER GRID SQUARE
10,000 METROS CUADRADO DE CUADRICULA EJEMPLO

SAMPLE 1,000 METER REFERENCE
REFERENCIA DE 1,000 METROS EJEMPLO

100,000 M SQUARE IDENTIFICATION
IDENTIFICACIÓN DEL CUADRADO DE 100,000 METROS

See Body of Map
Refiérase al Mapa

GRID ZONE DESIGNATION
DESIGNACIÓN DE LA CUADRICULA

18N

Example. AB1234

Example. 18NAB1234

ROADS — CAMINOS
All weather, hard surface
Transitable todo el año, afirmado sólido,
Two or more lanes wide — 3 LANES / 3 VÍAS
Dos o más vías de ancho
One lane wide
Una vía de ancho
All weather, loose or light surface
Transitable todo el año, afirmado suelto o ligero,
Two or more lanes wide — 3 LANES / 3 VÍAS
Dos o más vías de ancho
One lane wide
Una vía de ancho
Fair or dry weather, loose surface
Transitable en tiempo bueno o seco, afirmado suelto
Cart track Camino de herradura
Trail (footpath) Sendero

RAILROADS — FERROCARRILES

	Single track Una vía	Multiple track Vía múltiple
Normal gauge 0.914m (3') 0.914 metros – Vía ancha o normal		
Narrow gauge Vía angosta		

BOUNDARIES — LÍMITES
International Internacional
Primary administrative Límite de división administrativa principal

VEGETATION — VEGETACIÓN
Woods; Mangrove Bosque; Manglar — None No Tree / None No Tree
Orchard-vineyard; Swamp Huerta-viñedo; Cienaga — None No Tree / None No Tree

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

5 0 5 10 Statute Miles
5 0 5 10 15 Kilometers
5 0 5 Nautical Miles

CONTOUR INTERVAL APPROXIMATELY 330 FEET
EQUDISTANCIA APROXIMADA DE LAS CURVAS DE NIVEL 330 PIES

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 18. WORLD GEODETIC SYSTEM ELLIPSOID.
LINEAS NUMERADAS DE COLOR AZUL INDICAN ESTA CUADRICULA UNIVERSAL TRANSVERSA DE MERCATOR DE INTERVALOS DE 10000 METROS, ZONA 18, SUPERIOR SEGÚN EL SISTEMA GEODÉSICO MUNDIAL

COORDINATE CONVERSION WGS TO INTERNATIONAL ELLIPSOID
Grid –9.8m. E., +8.0m. N. Geographic –0.3" Long., +0.3" Lat.

CONVERSIÓN DE COORDENADAS WGS A INTERNACIONAL
Serie de Barras Paralelas –9.8m. N., +8.0m. E., Geográfica –0.3" Long., +0.3" Lat.

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AERODROMES (Military or Civil)
AERODROMES (Militares o civiles) EDNA/50/s
Runway pattern known 725
Circuito de tránsito
EDNA–Name
EDNA–Nombre del aeródromo
50–Length of longest runway to nearest hundred of feet
50–Longitud de la pista más larga expresada en el centenar de pies más cercano
s–Soft or unimproved surface
s–superficie no pavimentada o sin mejorar
u–Unknown surface
u–superficie–no existe información
725–Elevation
725–Elevación
Runway pattern unknown
Circuito de tránsito – no existe información
HELIPORT/HELIPAD H
HELIPUERTO/PLATAFORMA DE HELIPUERTO
HELIPORT/HELIPAD AT HOSPITAL H
HELIPUERTO/PLATAFORMA DE HELIPUERTO UBICADO/A EN UN HOSPITAL

CONTROLLED AIRSPACE
ESPACIO AEREO CONTROLADO
ATLANTIC ADIZ
ADIZ
ADIZ (ZONA DE IDENTIFICACION DE DEFENSA AEREA)

RADIO FACILITIES
INSTALACIONES DE RADIO
RADIO RANGE LF/MF RNG HURN
RADIOFARO LF/FM
MULTIPLE RADIO FACILITIES NDB-RNG PARIS
INSTALACIONES MÚLTIPLES

RADIO AIDS TO NAVIGATION
RADIOAYUDAS A LA NAVEGACION
VHF OMNI RANGE (VOR)
RADIOFARO OMNIDIRECCIONAL VHF (VOR)
VORTAC
VOR/TAC
TACAN
VOR with DME
VOR Y DME INSTALADOS CONJUNTAMENTE
Other facilities
Otras instalaciones

VISUAL AIDS AND OBSTRUCTIONS
OBSTACULOS Y AYUDAS VISUALES
Obstruction Obstáculo 1033 (350)
1033 –Elevation of obstruction top, above sea level.
Elevación de la cúspide, sobre el nivel medio del mar
(350) –Elevation of obstruction top, above ground level.
Elevación de la cúspide, sobre el nivel del terreno
Group Obstruction Grupo de obstáculos
Radio facility obstruction Obstáculo constituido por una instalación de radio.
Power transmission line Línea de alta tensión
Visual ground sign Señal terrestré visual M
Aero light; Marine light
Luz aeronáutica; Luz marina

TERRAIN ELEVATIONS ELEVACIONES DEL TERRENO
Spot elevation, Normal; Critical 870 1910
Punto acotado, Normal; Crítico
HIGHEST KNOWN elevation is UNKNOWN.
Cota MÁXIMA CONOCIDE es de DESCONOCIDO

Reprinted by NIMA 04-00

NOTES — NOTAS
± following elevation value indicates accuracy is not within 100 feet.
Cuando ± sigue al valor de cota, esto indica que la precisión es de menos de 100 pies.
On this graphic a line is generally considered as being 2.5 to 3.6 meters (8 to 12 feet) in width.
En esta gráfica se considera que el ancho de una pista de carretera es de 2.5 a 3.6 metros (8 a 12 pies).
Powerlines are shown except within populated place tints. Other obstructions are shown if they are 200 feet or more above ground level. See caution note.
Quedan representadas las líneas de alta tensión excepto dentro del sombreado de poblaciones. Serán considerados todos los obstáculos que tengan una altura igual o superior a los 200 pies sobre el nivel del terreno. Véase nota de precaución.
THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.
LOS LIMITES FRONTERIZOS REPRESENTADOS EN ESTA CARTA PUEDEN SER INEXACTOS.

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