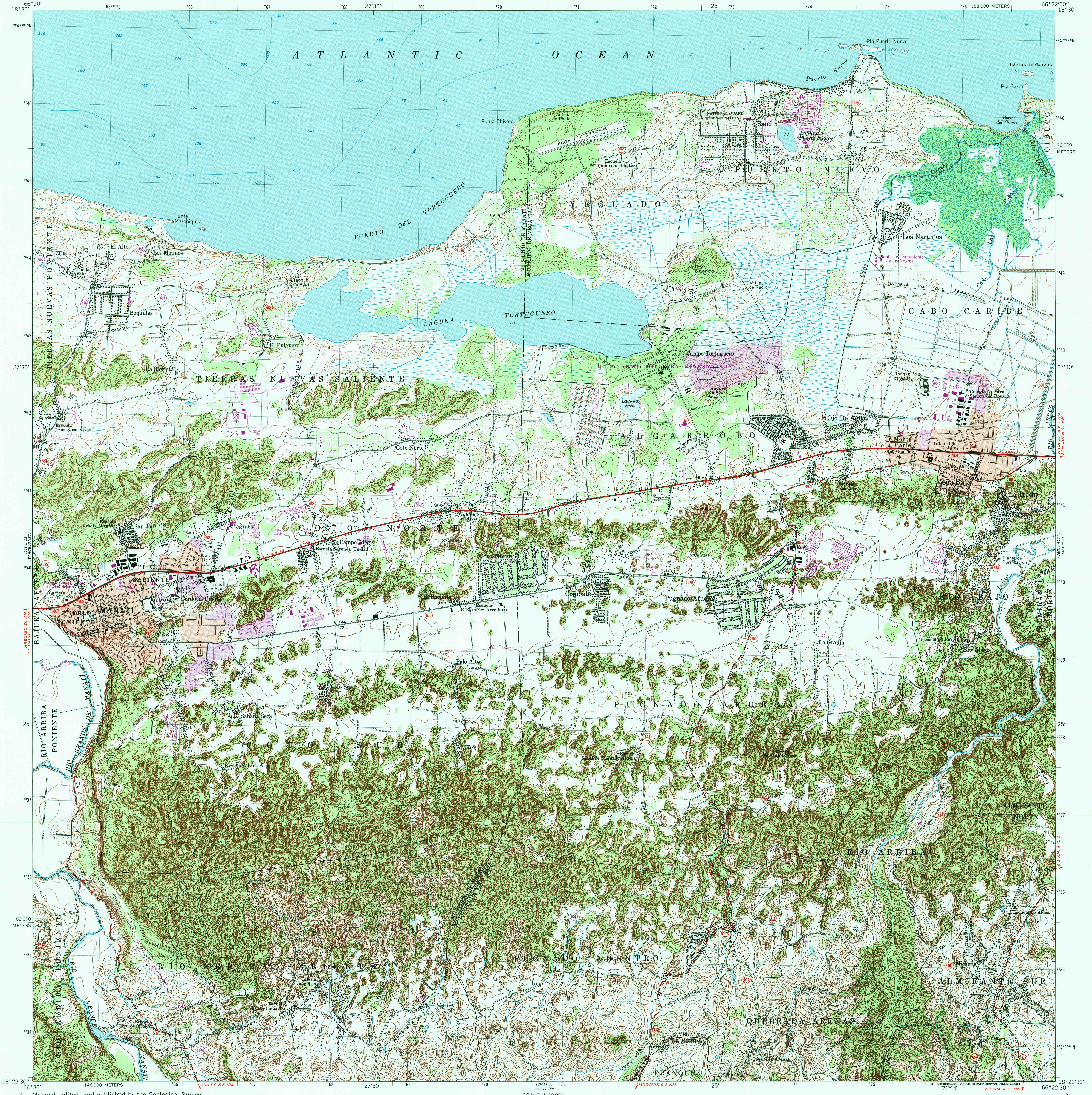
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

COMMONWEALTH OF PUERTO RICO
DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

MANATÍ QUADRANGLE
PUERTO RICO
7.5 MINUTE SERIES (TOPOGRAPHIC)


66°30'
18°30'
765000mE
766
767
768
27'30"
769
770
771
772
25'
773
774
775
776 158 000 METERS
66°22'30"
18°30'
ATLANTIC OCEAN
Punta Chivato
Punta Marchiquita
PUERTO DEL TORTUGUERO
Pta Puerto Nuevo
Puerto Nuevo
Isletas de Garzas
Pta Garza
Boca del Cibuco
RÍO CIBUCO
NATIONAL GUARD RESERVATION
Sandin
Laguna de Puerto Nuevo
Iglesia de Dios
Antena de Radio
PISTA DE ATERRIZAJE
Escuela Alejandrina Benítez
PUERTO NUEVO
YEGUADO
72 000 METERS
Caño Caribe
Las Pozas
Los Naranjos
Caño Cabo
Planta de Tratamiento de Aguas Negras
ANTIGUA VÍA DEL FERROCARRIL
CABO CARIBE
MUNICIPIO DE MANATÍ
MUNICIPIO DE VEGA BAJA
El Alto
Los Molinos
Escuela Ayala
Tanque de Agua
Boquillas
LAGUNA TORTUGUERO
Cerro Guarico
El Pulguero
La Glorieta
TIERRAS NUEVAS PONIENTE
TIERRAS NUEVAS SALIENTE
Campo Tortuguero
U.S. ARMY MILITARY RESERVATION
Tanques de Agua
Laguna Rica
Colegio Nuestra Señora del Rosario
Escuela Cruz Rosa Rivas
Coto Norte
ALGARROBO
Ojo De Agua
Monte Carlo
Tribunal de Distrito
Subestación
Vega Baja
La Trocha
Escuela Vocacional
Escuela Josefa Miranda
San José
Altagracia
COTO NORTE
Iglesia de Dios
Campo Alegre
Escuela Segunda Unidad
Cantera
Coto Norte
PUEBLO SALIENTE
Planta de Tratamiento de Aguas Negras
Correo
MANATÍ
PUEBLO PONIENTE
Tanque de Agua
Córdova Dávila
El Pueblito
Escuela C Ramírez Arrellano
Combate
Pugnado Afuera
Planta de Purificación
RÍO ABAJO
BAJURA AFUERA
ARECIBO 26 KM. EL CACHETE 3 KM.
VEGA ALTA 6.3 KM. SAN JUAN 41 KM.
Palo Alto
La Granja
Escuela de Río Abajo
Río Abajo
Coto Sur
Sabana Seca
COTO SUR
PUGNADO AFUERA
Escuela Sabana Seca
Escuela Rural de Pugnado Afuera
Cerro del Faro
RÍO ARRIBA PONIENTE
RÍO GRANDE DE MANATÍ
ALMIRANTE NORTE
RÍO ARRIBA
Escuela de Aldea
62 000 METERS
El Salto
RÍO ARRIBA SALIENTE
Iglesia Evangélica
Escuela Evaristo Camacho
Escuela Carretera Ciales
Gravera
Quebrada Limones
PUGNADO ADENTRO
Quebrada Hicatea
Miranda
ALMIRANTE SUR
QUEBRADA ARENAS
Escuela Quebrada Arenas
MUN DE VEGA BAJA
MUN DE MOROVIS
FRANQUEZ
Río Indio
Cueva Manahena
Quebrada Las Torres
6.2 KM. A C. 2
18°22'30"
66°30'
146 000 METERS
766
CIALES 5.5 KM.
767
768
27'30"
769
770
(CIALES) 1322 IV NW
771
MOROVIS 9.2 KM.
25'
774
775
776000mE
5.7 KM. A C. 159
66°22'30"
18°22'30"
(FLORIDA) 1222 I NE
(COROZAL) 1322 IV NE
1223 II SE (BARCELONETA)
(VEGA ALTA) 1323 III SE
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1988

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1941 and planetable surveys 1940, 1943, and 1949. Revised from aerial photographs taken 1967. Field checked 1969

Selected hydrographic data compiled from NOS chart 903 (1970)
This information is not intended for navigational purposes

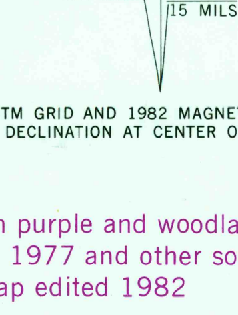
Polyconic projection. Puerto Rico Datum, 1940 adjustment
2000-meter grid ticks based on Puerto Rico coordinate system
1000-meter Universal Transverse Mercator grid, zone 19

Barrio and municipality boundaries by the Puerto Rico Planning Board

Red tint indicates areas in which only landmark buildings are shown

Kilometric reference distances are shown in red

There may be private inholdings within the boundaries of the National or State reservations shown on this map


MN
GN
9½°
169 MILS
0°49'
15 MILS

UTM GRID AND 1982 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

Revisions shown in purple and woodland compiled from aerial photographs taken 1977 and other sources. This information not field checked. Map edited 1982

Purple tint indicates extension of urban areas

SCALE 1:20 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 5 METERS
DOTTED LINES REPRESENT 1 METER CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
THE RELATIONSHIP BETWEEN THE TWO DATUMS IS VARIABLE
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.3 METER

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
AND DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS, SAN JUAN, P. R. 00910
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PUERTO RICO

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Primary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface
Unimproved road, fair or dry weather
○ Insular Route

MANATI, P. R.
18066-D4-TM-020

1969

PHOTOREVISED 1982
DMA 1323 III SW-SERIES E835

RETURN TO:
USGS NMD HISTORICAL MAP ARCHIVES