

RELIABILITY OF THIS GRAPHIC (as determined by standard practices)
CONFIABILIDAD DE ESTA GRÁFICA (determinada por uso normal)

PLOTTING ACCURACY AND ASSURANCE
EXACTITUD DE COMPLICACIÓN 90% CONFIANZA

Horizontal	within 410 feet
Horizontal	dentro de 410 pies
Contours	dentro de 100 feet
Figurative of terrain	dentro de 100 pies
Coastal hydrography	1940-72
Hydrographic soundings	1940-72
All other features	1941-70
Todo otro detalles	1941-70

Reviewed by IGM, Peru 1974
 Revisado por IGM, Perú 1974
 Graphic not field checked
 Gráfica no comprobada en el campo

Horizontal Datum: Provisional South America 1956
 Dato Horizontal: El Provisional de 1956 para América del Sur

Vertical Datum: Mean Sea Level
 Dato Vertical: Nivel Medio del Mar

Transverse Mercator Projection
 Proyección Transversal de Mercator

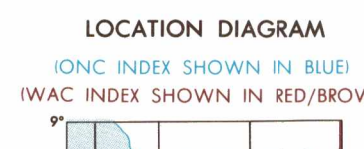
CAUTION
 Vertical obstructions, including powerlines, have been extracted from the most reliable sources available. However, there is a possibility that they are shown, or that their locations or heights are exact.

CAUTIVO
 Obstrucciones verticales, incluyendo las líneas de alta tensión han sido extraídas de las fuentes de información más precisas disponibles. Se entregó en su estado que se muestran todas las líneas o que sus posiciones o sus elevaciones sean precisas.

CAUTION
 AIR INFORMATION CURRENT THROUGH 13 JUNE 1990
 Consult NOTAMS and Flight Information Publications for the latest information; the 500 Aeronautical Chart System Manual or 500 ILL Aeronautical Chart Amendment document, for other chart revision information.

GLOSSARY—GLOSARIO

Abandoned	abandoned
Academia	academy
Arena	sand
Campo de Aterrizaje	landing field
Cementerio	cemetery
Cerros	fence
Cerro, Cerros	hill(s)
Cueva	cave
Dunas	dunes
Faro(s)	light(s)
Hacienda	estate, ranch, farm
Irrigación	irrigation
Isla	island
Lagunas	lake, lakes
Mina, Minas	mine(s)
Nevado	snow capped mountain
Observatorio	observatory
Planta eléctrica	electric plant
Pozo de agua	water well
Puente	bridge
Puerto	port
Punta	point
Quebrada	stream
Represa	dam
Rio	river, stream
Ruinas	ruins
Ruinas incas	Inca ruins
Tanque de petróleo	oil tank
Teléfono	telephone
Teléfono	telegraph
Trazo aproximado	approximate
Túnel hidroeléctrico	hydroelectric tunnel (conduit)



CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1500	457	30000	9144
1000	305	20000	6096
800	244	15000	4572
600	183	10000	3048
400	122	5000	1524
200	61	3000	914
100	31	2000	610
50	15	1000	305

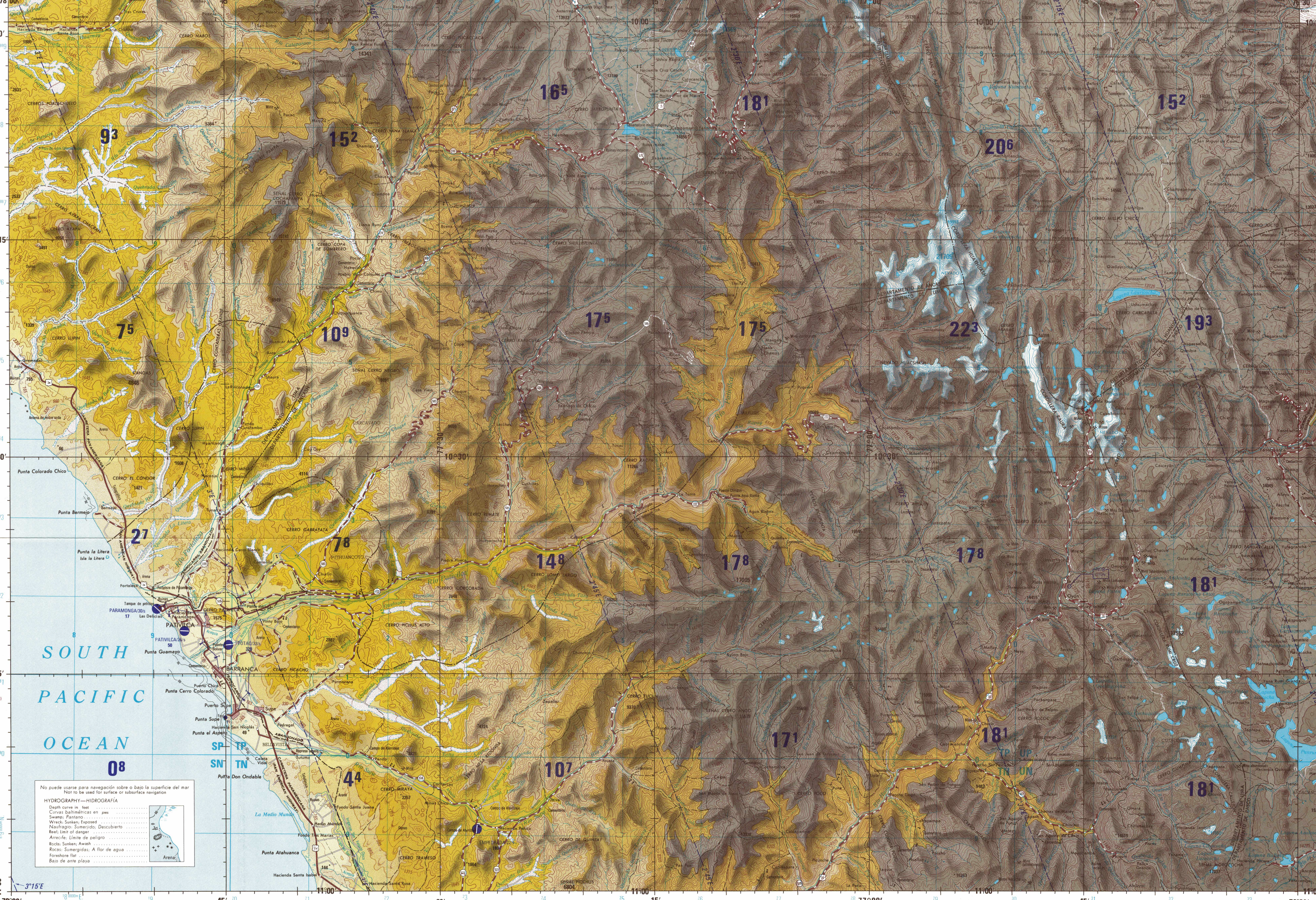
GEOREF BASIC 15° QUADRANGLE GF

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled in September 1974.

COORDINATE CONVERSION PAID 90 TO WGS 84
 Spheroid: Spheroid 2011 M, Spheroid 3011 M, Geographic: Add 8.0° Long, Add 10.0° Lat.

COORDINATE CONVERSION PAID 90 TO WGS 84
 Spheroid: Spheroid 2011 M, Spheroid 3011 M, Geographic: Suma 8.0° de Long, Suma 10.0° de Lat.

COORDINATE CONVERSION PAID 90 TO WGS 84
 Spheroid: Spheroid 2011 M, Spheroid 3011 M, Geographic: Suma 8.0° de Long, Suma 10.0° de Lat.



No puede usarse para navegación sobre o bajo la superficie del mar
 No to be used for surface or subsurface navigation

HYDROGRAPHY—HIDROGRAFÍA
 Depth curve in feet
 Curvas bathimétricas en pies

Swamp, Pantano
 Wreck, Sunken, Exposed
 Naufragio, Sumergido, Descubierto

Risk, limit of danger
 Arreife, Límite de peligro

Rocks, Sunken, Aweigh
 Rocas, Sumergidas, A flor de agua

Foreshore flat
 Bato de ante playa

ROADS—CAMINOS
 All-weather, hard surface, Transitable todo el año, afirmado sólido.
 Two or more lanes wide, Dos o más vías de ancho

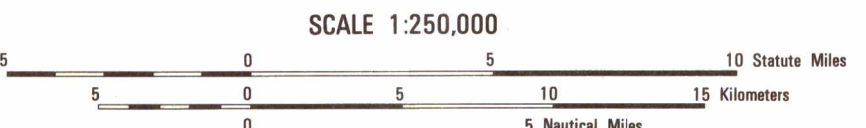
ELEVATIONS IN FEET ALTITUDES EN PIES

RAILROADS—FERROCARRILES
 Normal gauge 1.435m (4'8 1/2")
 1,435 metros—Vía ancha o normal

BOUNDARIES—LÍMITES
 International, Internacional
 First order administrative, Departamento

VEGETATION—VEGETACIÓN
 Orchard-vineyard, Huerta-viña
 Sparse woods, Bosque-ralo

JOINT OPERATIONS GRAPHIC (AIR)



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 165 FOOT INTERVALS
 CURVAS DE NIVEL APROXIMADAS A CADA 330 PIES CON CURVAS SUPLEMENTARIAS APROXIMADAS A CADA 165 PIES

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO:
 Director, Defense Mapping Agency, ATTN: PR, 8615 Lee Highway, Fairfax, VA, 22031-2137

AERODROMES (Military or Civil)
 AERODROMOS (Militares o Civiles)

Runway pattern known
 Dirección de pista de aterrizaje conocida

RADIO FACILITIES—FACILIDADES DE RADIO
 RADIO RANGE LEFM
 ALICANCE DE RADIO LEFM

VISUAL AIDS AND OBSTRUCTIONS
 AUXILIOS VISUALES Y OBSTRUCCIONES

DEPTHS IN FEET PROFUNDIDADES EN PIES

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.)

EXAMPLE: 12,500 feet..... **125**

TERRAIN ELEVATIONS—ELEVACIONES DEL TERRENO
 Spot elevation, normal/critical, Cota, normal/crítica

HIGHEST KNOWN ELEVATION IS 21709 feet at 10°16'S, 76°54'W.
 Elevación MAS ALTA CONOCIDA es de 21709 pies ubicada a 10°16'S, 76°54'W.