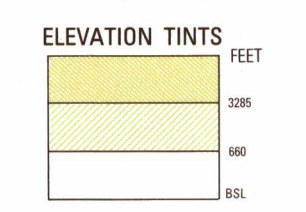


SERIES 1501 AIR SHEET SB 18-14 EDITION 1



RELIABILITY OF THIS GRAPHIC
Compiled from best available source materials.
Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level
Transverse Mercator Projection

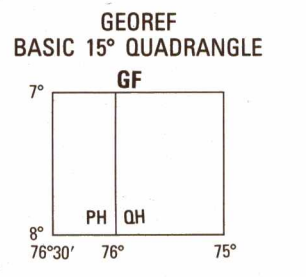
GLOSSARY GLOSARIO
Departamento first-order administrative division
Isla islands
Lago lake
Rio river

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

M-25	PERU	SB 18-11
SB 18-9	SB 18-10	SB 18-12
1011	1012	1013
SB 18-3	SB 18-4	SB 18-5
SC 18-1	SC 18-2	SC 18-3
N-25	1072	1072

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	1000	305
800	244	800	244
600	183	600	183
400	122	400	122
200	61	200	61
150	46	150	46
100	31	100	31



CAUTION
AIR INFORMATION CURRENT THROUGH 22 JUNE 1992
Consult NOTAMS and Flight Information Publications for the latest information. Use the 2002 Aeronautical Chart Databank Manual or MD-500K Aeronautical Chart Databank Manual for other chart revision information.

LINE OF EQUAL MAGNETIC VARIATION FOR 1990
(Annual rate of change 11' decrease)
EAST DECLINATION AREAS
(Annual rate of change 11' increase)
WEST DECLINATION AREAS

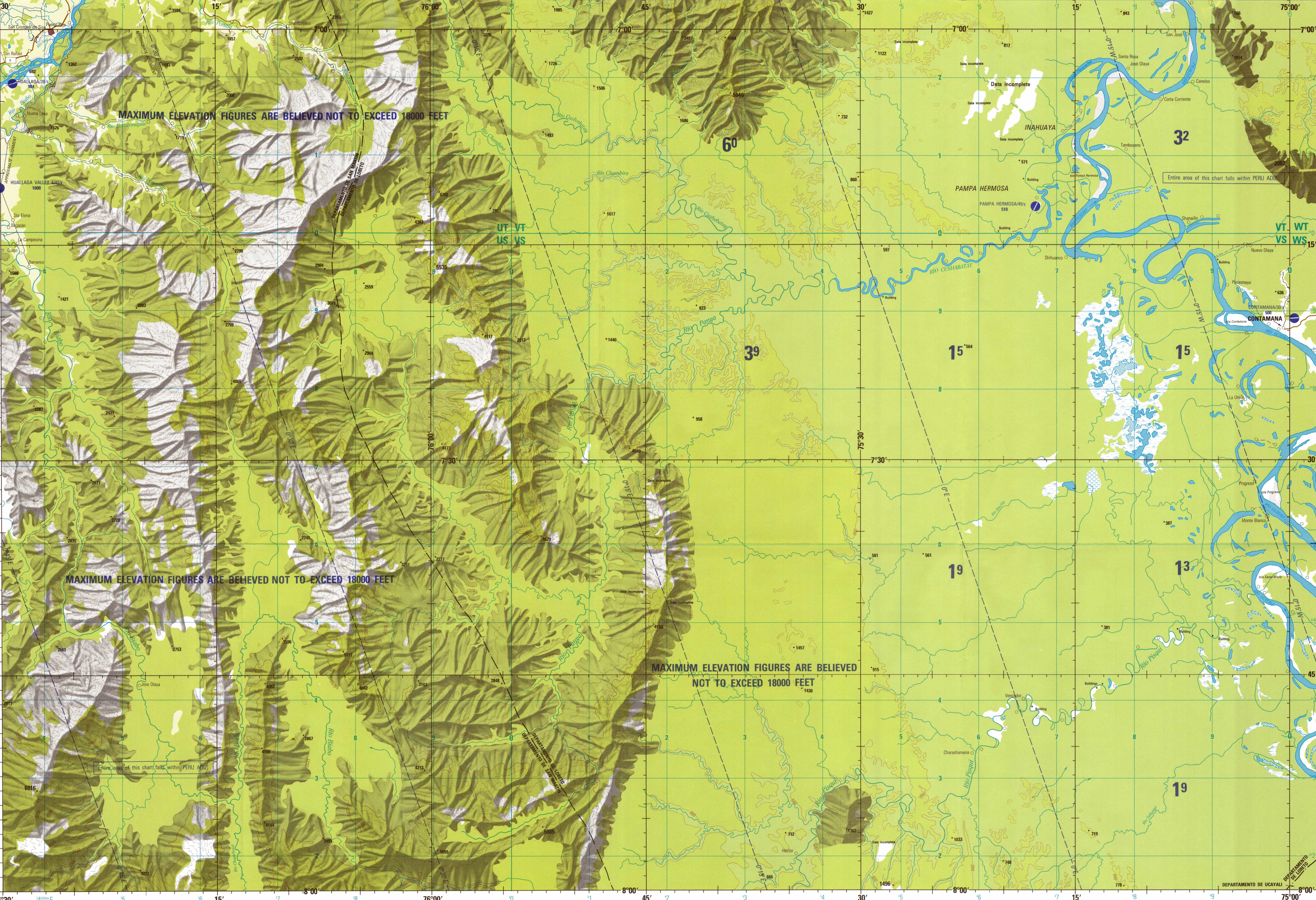
LINEAS DE IGUAL VARIACION MAGNETICA PARA 1990
(Indice anual de variacion disminuye 11')
DECLINACION AREAS ESTE
(Indice anual de variacion aumenta 11')
DECLINACION AREAS OESTE

CAUTION
Vertical obstructions (airways, pipelines, etc.) have been selected from the most reliable sources available. However, there is no assurance that all are shown, or that their locations or heights are exact.

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SCALE 1:250,000
CONTAMANA, PERU

SERIES 1501 AIR SHEET SB 18-14 EDITION 1



ELEVATIONS IN FEET ELEVACIONES EN PIES

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Bethesda, MD. Compiled April 1993.

COORDINATE CONVERSION WGS 84 TO P-80 94
Grid: AM 211 m. E., 443 385 m. N.
Geographic: Spheroid 73° Long., Spheroid 123° Lat.

CONVERSION DE COORDENADAS WGS 84 A P-80 94
Cuadrícula: Sursum 211 m. al Este, Sursum 385 m. al Norte
Geográfico: Esfera 73° de Longitud, Esfera 123° de Latitud

CONVERSION OF ELEVATIONS

SAMPLE 1000 METER QUAD SQUARE
EJEMPLO DE CUADRADO DE 1000 METROS DE CUADRADO

1000 M SQUARE IDENTIFICATION
IDENTIFICACION DEL CUADRADO DE 1000 M²

GRID ZONE DESIGNATION
DESIGNACION DE LA ZONA DE LA CUADRADO

CONVERSION DE ELEVACIONES

EJEMPLO DE REFERENCIA DE 1000 METROS

1. Real large number labeling the vertical grid line left of zero. Example: 1000 meters above grid line in feet. Example: 3281

2. Real large number labeling the vertical grid line right of zero. Example: 1000 meters below grid line in feet. Example: 3281

3. Real large number labeling the horizontal grid line above the point. Example: 1000 meters above the point. Example: 3281

4. Real large number labeling the horizontal grid line below the point. Example: 1000 meters below the point. Example: 3281

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PRINT THE GRID ZONE DESIGNATION, THE POINT, ANTIPODAL LA DESIGNATION OF THE ZONE, AND THE REFERENCE ANTIPODAL. Example: 18M 1000M 1234

ATTENTION
THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
The Maximum Elevation Figures shown in quadrangles headed 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 uncharted relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12500 feet

ROADS-CAMINOS
Dual Highway Carretera doble. 4 LANES DUAL 4 VIAS DOBLES
All weather hard surface. Transitable todo el año, superficie dura. 1
More than two lanes wide. Más que dos vías de ancho. 4 LANES 4 VIAS
Two lanes wide. Dos vías de ancho. 2 LANES 2 VIAS
One lane wide. Una vía de ancho. 1 LANE 1 VIA
All weather, loose or light surface. Transitable todo el año, superficie ligera. 3 LANES 3 VIAS
Fair or dry weather, loose surface. Transitable en tiempo bueno o seco, superficie ligera. 2 LANES 2 VIAS
Foothill, trail, Sendero, vereda. 1 LANE 1 VIA
Route marker. Numeración de ruta. 4

RAILROADS-FERROCARRILES
Normal gauge 4'8 1/2" (1.435m)
Estrecho normal 4 pies 8 1/2 pulgadas (1.435m)
Station position. Posición de la estación. known desconocido
Division administrativa de primera clase. División administrativa de primera clase.

BOUNDARIES-LIMITES
International-Internacional
First-order administrative division
División administrativa de primera clase.

OTHER FEATURES-OTROS RASGOS
Landmark feature or object; Mine; Tank
Objeto conspicuo; Mina; Tanque
Tunnel; Bridge or viaduct
Túnel; Puente o viaducto
Horizontal control point. Punto de control horizontal.
Levee; Sand Dike; Arroyo
TERRAIN ELEVATIONS-ELEVACIONES DEL TERRENO
Spot elevation; Normal; Critical
Cota; Normal; Crítica
Highest elevation is unknown
Cota máxima desconocida

VEGETATION-VEGETACION
Woods; Scattered trees; Bosques; Arboles esparcidos.
Orchard; Plantations; Vineyards; Huerto, plantaciones, viñedos.

RAILROADS-FERROCARRILES
Normal gauge 4'8 1/2" (1.435m)
Estrecho normal 4 pies 8 1/2 pulgadas (1.435m)
Station position. Posición de la estación. known desconocido
Division administrativa de primera clase. División administrativa de primera clase.

BOUNDARIES-LIMITES
International-Internacional
First-order administrative division
División administrativa de primera clase.

OTHER FEATURES-OTROS RASGOS
Landmark feature or object; Mine; Tank
Objeto conspicuo; Mina; Tanque
Tunnel; Bridge or viaduct
Túnel; Puente o viaducto
Horizontal control point. Punto de control horizontal.
Levee; Sand Dike; Arroyo
TERRAIN ELEVATIONS-ELEVACIONES DEL TERRENO
Spot elevation; Normal; Critical
Cota; Normal; Crítica
Highest elevation is unknown
Cota máxima desconocida

VEGETATION-VEGETACION
Woods; Scattered trees; Bosques; Arboles esparcidos.
Orchard; Plantations; Vineyards; Huerto, plantaciones, viñedos.

JOINT OPERATIONS GRAPHIC (AIR)
SCALE 1:250,000

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

ELEVATIONS IN FEET ELEVACIONES EN PIES

HYDROGRAPHY-HIDROGRAFIA
Intermittent lake or pond; Disappearing stream
Lago o laguna intermitente; Corriente que desaparece
Marsh or swamp; Land subject to inundation
Marisma o pantano; Terreno sujeto a inundación

AERODROMES (Military or Civil)
Runway pattern known
Discurso de la pista conocido
EDNA-Name Nombre
50'-Length of longest runway to nearest hundreds of feet
Longitud de la pista más larga a los centenas de pies más próximos
Soft or unimproved surface; Superficie ligera o no mejorada
Runway pattern unknown
Discurso de la pista desconocido

RADIO AID TO NAVIGATION AYUDAS ELECTRONICAS A LA NAVEGACION
VHF OMNI RANGE (VOR)
EXTENSION DE LA SENAL DE VHF OMNI (VOR)
VORTAC VORTAC
TACAN TACAN
VOR with DME VOR con DME
Other facilities Otras facilidades

RADIO FACILITIES FACILIDADES DE RADIO
RADIO RANGE LF/MF
EXTENSION DE LA SENAL DE RADIO LF/MF
MULTIPLE RADIO FACILITIES
MÚLTIPLES FACILIDADES DE RADIO

CONTROLLED AIRSPACE ESPACIO AEREO CONTROLADO
ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS AYUDAS VISUALES Y OBSTRUCCIONES
Obstruction. Obstrucción. 1108 (259)
Elevation of the obstruction top, above sea level
Elevación de la cima de la obstrucción sobre el nivel de mar
Obstruction. Obstrucción. 1108 (259)
Elevation of the obstruction top, above ground level
Elevación de la cima de la obstrucción sobre el nivel del terreno

NOTES-NOTAS
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.
Se muestran líneas de alta tensión con la excepción de dentro de las áreas en tinta que representan lugares poblados. Se muestran otras obstrucciones si están 200 o más pies sobre el nivel del terreno. Ver advertencia.
On this graphic a lane is generally considered as being 8 to 18 feet (2.5 to 5.5 meters) in width.
En este gráfico se considera que una vía tenga de 8 a 18 pies (2.5 a 5.5 metros) de ancho.
Road classification should be referred to with caution.
Relación a la clasificación de caminos con cuidado.
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