SERIES 1501 AIR
SHEET SA 17-15
EDITION 1

ELEVATION TINTS

FEET
8865
2955
660
330
0

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

I — II — III

PLOTTING ACCURACY 90% ASSURANCE	AREA I	AREA II	AREA III
Horizontal	within 100 ft.	within 100 ft.	within 100 ft.
Contours	within 330 ft.	within 330 ft.	within 330 ft.
GRAPHIC FEATURE	DATE OF INFORMATION		
	AREA I	AREA II	AREA III
All other features	1981	1986	1984
Graphic not field checked			

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

GLOSSARY

Bahia ..... bay
Canal ..... canal, marine channel
Carretera Panamericana ..... Pan American Highway
Cordillera ..... mountains
Est., Estero ..... estuary
Isla ..... island
Puerto ..... anchorage
Punta ..... point
Q., Quebrada ..... stream
Represa ..... dam
Rio ..... stream
Salitral ..... saltpeter bed

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

M-24 SA 17-11 SA 17-12 ECUADOR
M-25 SA 17-15 SA 17-16
951
SB 17-2 SB 17-3 Galapagos Grupo SB 17-4
1011 PERU

THE REPRESENTATION OF BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.
LA REPRESENTACIÓN DE LIMITES NO DEBE CONSIDERARSE OFICIEL.

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
GF
3° MK ML 4°
81° 80° 79°30'

CAUTION

AIR INFORMATION CURRENT THROUGH
4 FEBRUARY 1993
Consult NOTAMS and Flight Information Publications for the latest air information: the DMA Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1990
(Annual rate of change 11' decrease)

LÍNEAS DE IGUAL VARIACIÓN MAGNÉTICA PARA 1990
(Cambio anual: 11' disminuye)

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.).

EXAMPLE: 12,500 feet 125

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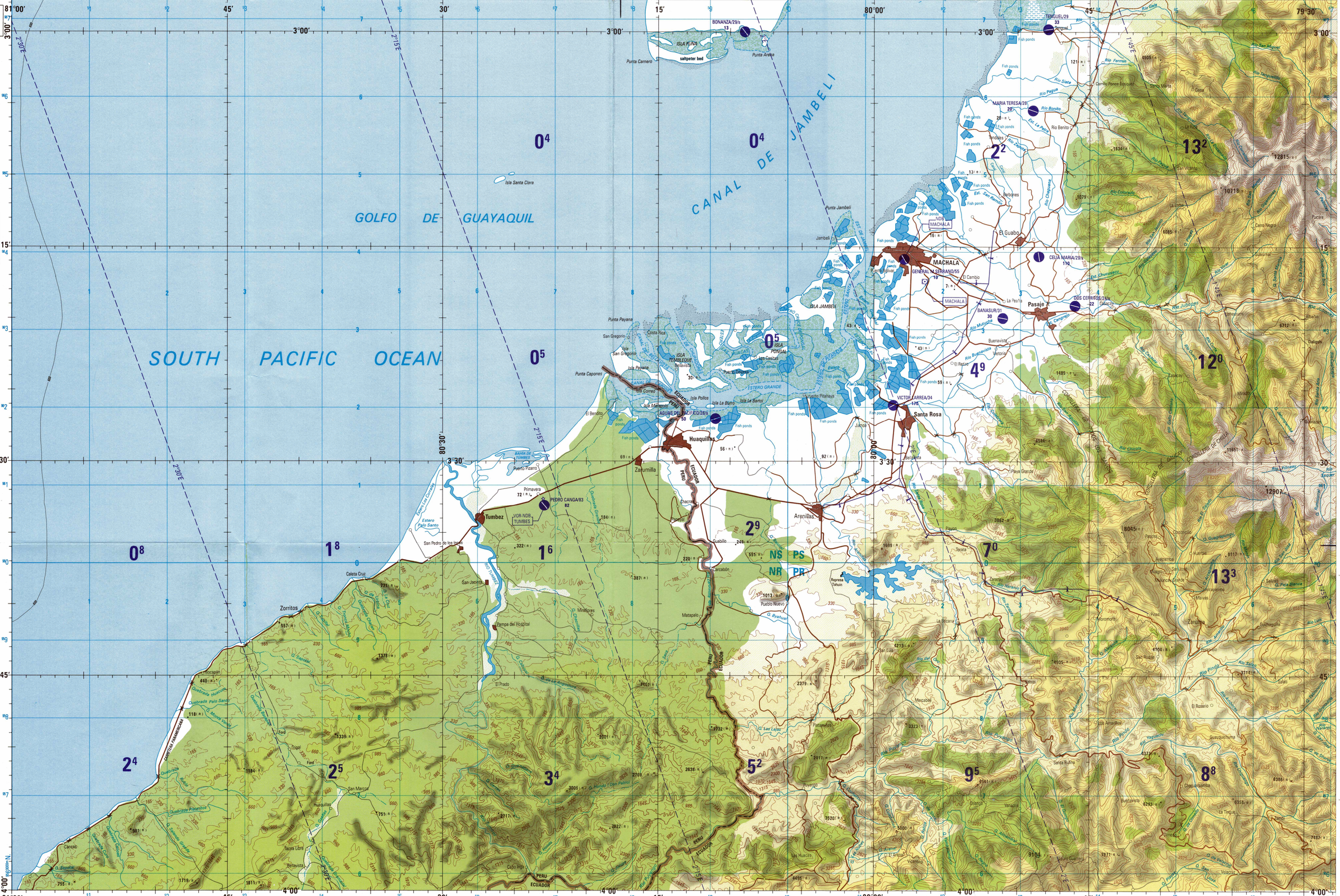
SCALE 1:250,000
MACHALA
ECUADOR; PERU

SERIES 1501 AIR
SHEET SA 17-15
EDITION 1


SOUTH PACIFIC OCEAN
GOLFO DE GUAYAQUIL
CANAL DE JAMBELI
ISLA PUNA
Punta Arena
Punta Carnero
saltpeter bed
Isla Santa Clara
Punta Jambeli
Jambeli
ISLA JAMBELI
Punta Payana
Isla Payana
Punta Capones
Isla Correo
Isla Matapalo
Isla Pollos
Isla La Buna
Isla La Bartol
ISLA TEMBLEQUE
ISLA PONGAL
ESTERO GRANDE
Puerto Pitahaya
Puerto Pizarro
BAHIA DE TUMBEZ
Estero Palo Santo
Tumbez
VOR-NDB TUMBEZ
San Pedro de los Incas
Caleta Cruz
Zorritos
Huaquillas
Arenillas
Santa Rosa
Pasaje
MACHALA
El Guabo
Pueblo Nuevo
Matapalo
Puerto Bolívar
Zaruma
Portovelo
Piñas
Balsas
Alamor
Catacocha
Macará
Sozoranga
Saraguro
Loja
Cuenca
Cañar
Azogues
Gualaquiza
Sucúa
Limón
Macas
Puyo
Tena
Baeza
Archidona
Puerto Napo
Coca
Lago Agrio
Nueva Loja
Tulcán
Ipiales
Cuaspud
Puerto Asís
Puerto Leguizamo
Puerto Ospina
Puerto Arica
Puerto Nariño
Puerto Alegría
Puerto Arica
Puerto Ocaña
Puerto Santander
Puerto Rico
Puerto Leguizamo
Puerto Ospina
Puerto Arica
Puerto Nariño
Puerto Alegría