



SERIES 1501 AIR SHEET SF 19-14 EDITION 1

FEET ELEVATION TINTS

14753
9845
2955
985
660
330
85

29 PIES

GLOSSARY - GLOSARIO

Abundancia	abundant	Alto	high
Aguadulce	salt water	Antofagasta	Antofagasta
Andarivel	water pipeline	Antofagasta	Antofagasta
Aproximadamente	approximately	Antofagasta	Antofagasta
arena	sand	Antofagasta	Antofagasta
Bahia	bay	Antofagasta	Antofagasta
Cable	cable	Antofagasta	Antofagasta
Carretera Panamericana	Inter-American Highway	Antofagasta	Antofagasta
Cerro	mountain	Antofagasta	Antofagasta
Cobres	copper	Antofagasta	Antofagasta
Cuadrilla	mine	Antofagasta	Antofagasta
Desmontado	cleared	Antofagasta	Antofagasta
Estacion	station	Antofagasta	Antofagasta
Ferrocarril	railroad	Antofagasta	Antofagasta
Finca	farm	Antofagasta	Antofagasta
Isla	island	Antofagasta	Antofagasta
Mangrove	mangrove	Antofagasta	Antofagasta
Mineral	mineral	Antofagasta	Antofagasta

RELIABILITY OF THIS GRAPHIC
(as determined by standard practices)

CONFIAZIBILIDAD DE ESTE GRAFICO
(determinada por uso normal)

PLOTTING ACCURACY 90% ASSURANCE
EXACTITUD DE COMPLICACION 90% CONFIANZA

Horizontal within 825 feet
Horizontal dentro de 825 pies

Vertical within 165 feet
Vertical dentro de 165 pies

Contour hydrography
Hidrografia de contorno

All other features
Todos otros detalles

Road information verified by reconnaissance during
Informacion de carreteras verificada por reconocimiento

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

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

Transverse Mercator Projection
Proyeccion Transversal de Mercator

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

CAUTION
ATTENCION

Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. in cooperation with IGM, Chile. Compiled October 1979.

NO PUEDE USARSE PARA NAVEGACION SOBRE O BAJO LA SUPERFICIE DEL MAR
(NOT TO BE USED FOR SURFACE OR SUBSURFACE NAVIGATION)

DEPTHS IN FEET
PROFUNDIDADES EN PIES

ELEVATIONS IN FEET
ALTITUDES EN PIES

ROADS CAMINOS

All weather, hard surface
Todo el año, afirmado sólido

Two or more lanes wide
Dos o más vías de ancho

One lane wide
Una vía de ancho

All weather, loose or light surface
Todo el año, afirmado suelto o ligero

Two or more lanes wide
Dos o más vías de ancho

Fair or dry weather, loose surface
En tiempo bueno o seco, afirmado suelto

Can track
Carril riel

Trail
Sendero

RAILROADS FERROCARRILES

Normal gauge
Vía normal

Narrow gauge
Vía estrecha

One lane wide
Una vía de ancho

Two or more lanes wide
Dos o más vías de ancho

BOUNDARIES LÍMITES

International
Internacional

Region
Región

VEGETATION VEGETACIÓN

Orchard/Vineyard
Huerto/vivera

Woods/Bosque

TERRAIN ELEVATIONS ELEVACIONES DEL TERRENO

HIGHEST KNOWN ELEVATION IS 11083
ELEVACION MÁS ALTA CONOCIDA ES DE 11083 pies sobre el nivel del mar

JOINT OPERATIONS GRAPHIC (AIR)

Scale 1:250,000

Scale 1:250,000

Scale 1:250,000

CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT 165-FOOT INTERVALS
EQUIDISTANCIA DE LAS CURVAS DE NIVEL 330 PIES CON CURVAS SUPLEMENTARIAS A INTERVALOS DE 165 PIES

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 19, INTERNATIONAL SPHEROID
LAS LINEAS NUMERADAS EN AZUL INDICAN LA CUADRICULA UNIVERSAL TRANSVERSAL DE MERCATOR CON ESPACIAMIENTOS DE 10,000 METROS, ZONA 19, ESFEROIDE INTERNACIONAL

TO REFER THIS SHEET TO SOUTH AMERICAN 1969 DATUM ADD 11.6 SECONDS TO THE ABSOLUTE LATITUDE VALUE AND ADD 4.6 SECONDS TO THE ABSOLUTE LONGITUDE VALUE. SUBTRACT 331 METERS FROM THE UTM GRID NORTHING VALUE AND SUBTRACT 126 METERS FROM THE UTM GRID EASTING VALUE.
PARA REFERIR ESTA CARTA AL DATUM AMERICA DEL SUR 1969, SE SUMA 11.6 SEGUNDOS AL VALOR ABSOLUTO DE LA LATITUD, SE SUMA 4.6 SEGUNDOS AL VALOR ABSOLUTO DE LA LONGITUD. SE RESTA 331 METROS DE LA ORDENADA DE CUADRICULA AL NORTE, SE RESTA 126 METROS DE LA ASCISA DE CUADRICULA AL ESTE.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO: DIRECTOR, DEFENSE MAPPING AGENCY AEROSPACE CENTER, ST. LOUIS AFHS, MISSOURI 63118, ATTN: PP.

GEOREF BASIC 15 QUADRANGLE HE

Scale 1:250,000

ELEVATIONS IN FEET
ALTITUDES EN PIES

Scale 1:250,000

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1500	457	20000	6096
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
100	31	1000	305

ADDITIONAL INFORMATION

Only obstructions 200 feet or more above ground level are shown.
Solo las obstrucciones de 200 pies o más sobre nivel del terreno son indicadas.

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITY.
LA REPRESENTACION DE LOS LIMITES INTERNACIONALES EN ESTA CARTA NO SE GARANTIZA.

In Chile a lane is generally considered as being 2.5 to 5.0 meters (8 to 16 feet) in width.
En Chile se considera que una vía tiene de 2.5 a 5.0 metros (8 a 16 pies) de ancho.

ATTENTION

THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)

The Maximum Elevation Figures shown in spot heights bounded by solid lines of latitude and longitude are represented as TROUSERS and HATBOXES 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

125

DEPTH IN FEET
PROFUNDIDADES EN PIES

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