

SERIES 1501
SHEET SJ 18-8
EDITION 1

- POPULATED PLACES POBLACIONES**
- Over 100,000 Más de 100,000 SANTIAGO
 - 50,000-100,000 CHILLAN
 - 10,000-50,000 LOTA
 - 2,000-10,000
 - Less than 2,000 Menos de 2,000 Curepto
- ROADS CAMINOS**
- All weather, hard surface Transitable todo el año, afirmado sólido
 - Two or more lanes wide Dos o más vías de ancho
 - All weather, loose or light surface Transitable todo el año, afirmado suelto o ligero
 - Two or more lanes wide Dos o más vías de ancho
 - Fair or dry weather, loose surface Transitable en tiempo bueno o seco, afirmado suelto
 - Trail (footpath) Sendero (vereda)
- RAILROADS FERROCARRILES**
- Normal gauge 1.676 m (5'6")
 - Narrow gauge Vía angosta
- BOUNDARIES LÍMITES**
- International Internacional
 - Region Región
- OTHER FEATURES OTROS DETALLES**
- Controlled feature or object Objeto o marca terrestre
 - Spot elevation Normal, Critical
 - Mine Mina
 - Route markers Federal, Provincial
 - Well Spring Pozo, Manantial
 - Dry stream bed Lecho de río seco
 - levee Dique
 - Escarpment Escarpa
 - Distorted surface area Zona de rocas o lava
 - Sand Arena
 - Land subject to inundation Terreno sujeto a inundación
- VEGETATION VEGETACIÓN**
- Orchard-Vineyard Huerta-viña
 - Woods Bosque
- HYDROGRAPHY HIDROGRAFÍA**
- Depth curves in meters Curvas batimétricas en metros
 - Falls, Rapids Salto, Rápidos
 - Reef Límite de peligro
 - Foreshore bar Lodazal ante la costa
- TERRAIN ELEVATIONS ELEVACIONES DEL TERRENO**
- Highest known elevation in 1:533 meters at 37°47.5', 73°02'W. Elevación MÁS ALTA CONOCIDA es de 1533 metros ubicada a 37°47.5', 73°02'W.
- AERODROME AERODROMO**
- Military or Civil
 - Field limits with runway pattern
 - Field limits with runway pattern
 - Field limits with runway pattern
 - Field limits with runway pattern
- SEAPLANE BASE BASE DE HIDROAVIONES**
- HELIPORT HELIPUERTO**
- VISUAL AIDS AND OBSTRUCTIONS AYUDAS VISUALES Y OBSTRUCCIONES**
- Obstruction Obstrucción
 - Elevation of obstruction top above sea level
 - Elevation of the cima de obstrucción sobre nivel del mar
 - Elevation of obstruction top above ground level
 - Elevation of the cima de obstrucción sobre nivel del terreno
 - Group obstruction Grupo de obstrucción
 - Radio facility obstruction Obstrucción de comunicaciones por radio
 - Power transmission line Línea de transmisión de energía

RELIABILITY OF THIS GRAPHIC (as determined by standard practices)
CONFIABILIDAD DE ESTA GRÁFICO (determinada por prácticas estándar)

PLOTTING ACCURACY 90% ASSURANCE EXACTITUD DE COMPLICACIÓN 90% CONFIANZA

| | |
|---------------------|-------------------|
| Horizontal | within 125 meters |
| Vertical | within 125 meters |
| Curves of level | within 25 meters |
| Coastal hydrography | 1973 |
| All other features | 1965-69 |
| Tidal data details | 1965-69 |

Reviewed by IGM Chile
Revisado por IGM Chile

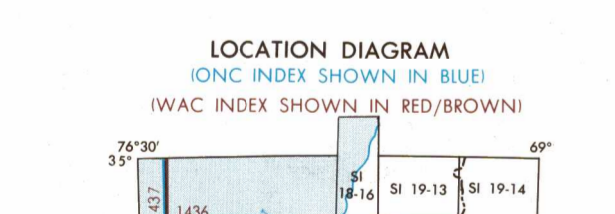
Horizontal Datum: Provisional South America 1956 Datum
Dato Horizontal: El Provisional de 1956 para América del Sur

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

Projection: Transverse Mercator Projection
Proyección: Transversal de Mercator

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 12° 01' MINS! EASTERLY FOR THE CENTER OF THE WEST EDGE TO 11° 20' MINS! EASTERLY FOR THE CENTER OF THE EAST EDGE.

LA DECLINACIÓN MAGNÉTICA EN 1975 DEL NORTE VERDADERO PARA ESTA HOJA VARIA DE 12° 01' MÍNUTOS! ESTE EN EL CENTRO DEL BORDE IZQUIERDO A 11° 20' MÍNUTOS! ESTE EN EL CENTRO DEL BORDE DERECHO.



Prepared and published by the Defense Mapping Agency Topographic Center, Washington, D. C. in cooperation with IGM, Chile. Compiled August 1974.

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SCALE 1:250,000
LOS ANGELES, CHILE

SERIES 1501
SHEET SJ 18-8
EDITION 1

CONVERSION OF ELEVATIONS

| METERS | FEET | METERS | FEET |
|--------|------|--------|------|
| 1000 | 3281 | 1000 | 3281 |
| 900 | 2953 | 800 | 2625 |
| 800 | 2625 | 700 | 2297 |
| 700 | 2297 | 600 | 1969 |
| 600 | 1969 | 500 | 1641 |
| 500 | 1641 | 400 | 1313 |
| 400 | 1313 | 300 | 984 |
| 300 | 984 | 200 | 656 |
| 200 | 656 | 100 | 328 |
| 100 | 328 | | |



SAMPLE 1,000 METER SQUARE (1000 METROS CUADRADO DE CUADRICULA 1000)

1. Read letters identifying the 100,000 meter square in which the point is located. Example: 18H

2. Read large number labeling the vertical grid line to which the point is nearest. Example: 18

3. Read large number labeling the horizontal grid line to which the point is nearest. Example: 18

4. Estimate the distance (in 1,000 meters) from the grid line to the point. Example: .1324

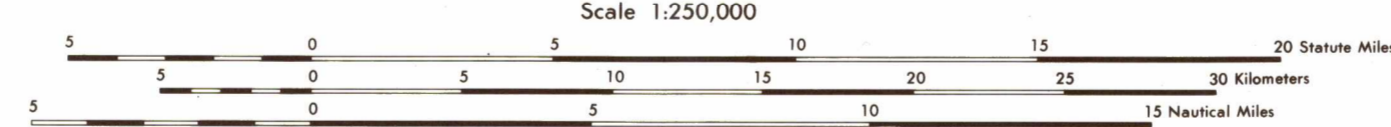
WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA (AREA DE LA ZONA DESIGNACION DE CUADRICULA DE FUERA DEL AREA DE LA ZONA DESIGNACION DE CUADRICULA), THE GRID ZONE DESIGNATION SHOULD BE REPORTED IN FULL. Example: 18HAB1324

CONTOUR INTERVAL 100 METERS WITH SUPPLEMENTARY CONTOURS AT 50 METER INTERVALS
EQUIDISTANCIA DE LAS CURVAS DE NIVEL 100 METROS CON CURVAS SUPLEMENTARIAS A INTERVALOS DE 50 METROS

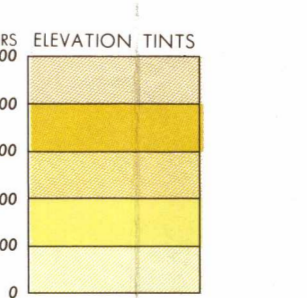
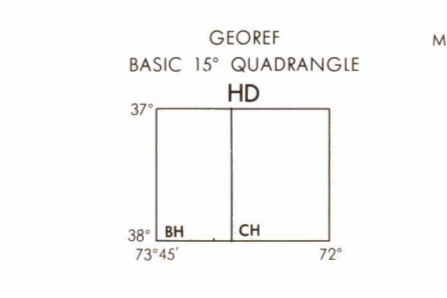
BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERIDIAN GRID, ZONE 18, INTERNATIONAL SPHEROID.
LAS LINEAS NUMERADAS EN AZUL INDICAN LA CUADRICULA UNIVERSAL TRANSVERSAL DE MERIDIANO CON ESPACIAMIENTOS DE 10,000 METROS, ZONA 18, ESFEROIDA INTERNACIONAL.

TO REFER THIS SHEET TO SOUTH AMERICAN 1969 DATUM ADD 13.0 SECONDS TO THE ABSOLUTE LATITUDE VALUE AND ADD 6.1 SECONDS TO THE ABSOLUTE LONGITUDE VALUE. SUBTRACT 338 METERS FROM THE UTM GRID NORTHING VALUE AND SUBTRACT 170 METERS FROM THE UTM GRID EASTING VALUE.
PARA REFERIR ESTA CARTA AL DATUM AMERICANO DEL SUR 1969, SE SUMA 13.0 SEGUNDOS AL VALOR ABSOLUTO DE LA LATITUD. SE SUMA 6.1 SEGUNDOS AL VALOR ABSOLUTO DE LA LONGITUD. SE RESTA 338 METROS DE LA CORDENADA DE CUADRICULA AL NORTE. SE RESTA 170 METROS DE LA ABCISCA DE CUADRICULA AL ESTE.

USERS SHOULD REFER CONNECTIONS, ADDITIONS, AND COMMENTS TO THE MAIN CUSTOMER HELP DESK: 1-800-465-0886 COMMERCIAL 1-314-260-9202; DDN 480-9202; OR WRITE TO: ATTN: CDD, MAIL STOP P-33, NATIONAL IMAGERY AND MAPPING AGENCY, 4800 SANGAMORE ROAD, BETHESDA, MD 20815-5003



ELEVATIONS IN METERS ALTITUDES EN METROS
DEPTHS IN METERS PROFUNDIDADES EN METROS



NOTES NOTAS

Names for symbolized populated places are omitted where information is not available or where density of detail does not permit their inclusion.

Los nombres de algunos poblados se han omitido por falta de información o porque la densidad de los detalles no permitió su inclusión.

THIS GRAPHIC IS NOT AN AUTHORITY ON INTERNATIONAL BOUNDARIES. LA REPRESENTACION DE LOS LÍMITES INTERNACIONALES EN ESTA CARTA NO SE GARANTIZA.

Figures along roads indicate approximate distances in kilometers. Las cifras a lo largo de los caminos indican las distancias aproximadas en kilómetros.

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.

No obstructions 61 meters or more above ground level are known to exist in this area. Ningunas obstrucciones de 61 metros o más sobre el nivel del terreno se conocen dentro de esta área.

Report by NIMA 10-89

NSN 7643014049086
NIMA REF. NO. 1501XSJ1808