



Prepared by the Instituto Geográfico Nacional (IGN), Lima, Peru, in collaboration with the Defense Mapping Agency.

LEGENDA

POBULATED PLACES
 Densely built-up areas
 Specially or moderately built-up areas

ROADS
 All weather, hard surface
 Two or more lanes wide
 One lane wide
 All weather, loose surface
 Two or more lanes wide
 One lane wide
 Fair or dry weather, loose surface
 Track, trail
 Bridge, Trestle
 Route markers:
 National, Secondary

RAILROADS
 Normal gauge
 Narrow gauge
 Station: Terminate
 Station: Through

BOUNDARIES
 International
 First-order administrative division
 Area name: VARADERO

RELIEF
 Depression
 Escarpment
 Greater height than contour interval
 Less height than contour interval
 Line:
 Dam: Masonry, Earthen
 Spot elevation: Highest, Normal
 Sand

LIQUENS POROSOS
 Zonas edificadas de alta densidad
 Zonas edificadas de densidad moderada

CAMINOS
 Caminos pavimentados, transitable todo el año
 Autopista con separador
 Dos o más vías
 Una vía
 Superficie ligera, transitable todo el año
 Dos o más vías
 Una vía
 Superficie ligera, transitable en tiempo seco
 Rodaje, Herradura
 Camino
 Señales de ruta:
 Nacional, Secundaria

MISCELLANEOUS CULTURAL FEATURES
 Cemetery, Native hut
 Building, Church, School
 Hospital
 Landmark Feature
 Mine: Active, Abandoned
 Horizontal control point
 Bench mark
 AERONAUTICAL DATA
 Obstructions:
 61 m. or more above ground
 Punters, más que 60 metros de ancho
 Less than 61 m. above ground
 Powerline
 Airfield:
 More than 800m. long
 Less than 800m. long

RASOS CULTURALES MISCELÁNEOS
 Cementerio, Chaca
 Edificio, Iglesia, Escuela
 Hospital
 Objeto conspicuo
 Mina: Activa, Abandonada
 Señal (Vencida geodésica)
 Punto control fijo
 DATO AERONÁUTICO
 Obstrucciones:
 Dicha o más de 60 metros de ancho
 Punters, más que 60 metros de ancho
 Menos que 60 metros de ancho
 Línea de Transmisión
 Campo de aterrizaje:
 Más que 800 metros de largo
 Menos que 800 metros de largo

DRAINAGE
 Stream:
 Less than 30m. wide
 30m. to 50m. wide
 Over 50m. wide
 Ditch:
 Permanent, less than 50m. wide
 Permanent, over 50m. wide
 Spring, Well: Permanent, Intermittent
 Lake: Intermittent, Dry

VEGETATION
 Scrub: Less than 2m. in height
 Woodland
 Orchard
 Vineyard
 Scattered trees

PERSONAL
 Personal
 Intermittent
 Personal
 Intermittent
 Personal
 Intermittent
 Personal
 Intermittent
 Personal
 Intermittent
 Personal
 Intermittent

DICTIONARY
 Cacha
 No hay
 Outbound (D)

NOTES
 POPULATED AREAS CLASSIFIED BY POLITICAL STATUS.
 AREAS POPULATED CLASSIFIED BY POLITICAL STATUS.
 IN BUILT-UP AREAS ONLY THROUGH ROUTES ARE CLASSIFIED.
 EN ÁREAS DESARROLLADAS SOLAMENTE SE CLASIFICAN LAS RUTAS TRONCALES.

THE WIDTH OF A LINE ON THIS MAP IS CONSIDERED TO BE AT LEAST 2.5 METERS WIDE.
 UNA VÍA EN ESTE MAPA SE CONSIDERA COMO UN MÍNIMO DE 2.5 METROS DE ANCHO.

CAUTION: NOT ALL TELEPHONE AND ELECTRIC SERVICE LINES ARE SHOWN.
 ADVERTENCIA: NO TODAS LAS LÍNEAS TELEFÓNICAS Y ELÉCTRICAS SE MUESTRAN.

COMPILED IN 1955 BY STEREOPHOTODIAPHRAGMATIC METHODS FROM AERIAL PHOTOGRAPHY TAKEN IN 1950, 1951 AND 1952. FIELD CLASSIFICATION IN 1955 MAP NOT FIELD CHECKED.

FORM LINES PORTRAY THE TERRAIN AT CANOPY LEVEL. ELEVATIONS SHOWN WITH "S" ARE APPROXIMATE AND INDICATE HEIGHT AT TREE TOP LEVEL. AVERAGE TREE HEIGHT VARIES FROM 20 METERS TO 30 METERS. THE AVERAGE TERRAIN IN THIS AREA IS GENERALLY FLAT.
 LAS LÍNEAS DE FORMA REPRESENTAN EL TERRENO SOBRE LA COBERTURA ARBOREA. LAS ELEVACIONES QUE SE MUESTRAN CON "S" SON APROXIMADAS E INDICAN ALTURAS SOBRE LA COPA DE LOS ÁRBOLES. LA ALTURA PROMEDIO DE LOS ÁRBOLES VARÍA DE 20 METROS A 30 METROS. EL TERRENO EN ESTA ÁREA ES GENERALMENTE LLANO.

ELEVATIONS IN METERS
 RELIEF SHOWN BY FORM LINES

ELEVACIONES EN METROS
 RELIEVE MOSTRADO POR LÍNEAS DE FORMA

ELIPSOID
 WORLD GEODESIC SYSTEM 1984
 1,000 METER UTM, ZONE 19
 TRANSVERSE MERCATOR
 HORIZONTAL DATUM
 WORLD GEODESIC SYSTEM 1984
 MEAN SEA LEVEL
 IMPRESO POR: INSTITUTO GEOGRÁFICO NACIONAL/IGN
 Reimpreso por: INMA 6-81

CONVERSION DE COORDENADAS WGS84 A PSAD56
 Grid: Add 196m.E., Add 373m.N.
 Geographic: Subtract 6.5" Long., Subtract 12.5" Lat.

CONVERSION DE COORDENADAS WGS84 A PSAD56
 Cuadrícula: Sumar 196m.E., Sumar 373m.N.
 Geográfica: Restar 6.5" Long., Restar 12.5" Lat.

100 METER REFERENCE
 1. Read large numbers indicating the VERTICAL grid line to point: 76.6
 2. Read large numbers indicating the HORIZONTAL grid line to point: 80.3
 Example: 766803

REFERENCIA DE 100 METROS
 1. Leer los números grandes correspondientes a la línea VERTICAL de la cuadrícula para el punto: 76.6
 2. Leer los números grandes correspondientes a la línea HORIZONTAL de la cuadrícula para el punto: 80.3
 Ejemplo: 766803

WHEN REPORTING ACROSS A 100-METER LINE, PREFIX THE 100-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
 Ejemplo: 19L766803

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Ejemplo: 19L766803

WHEN REPORTING ACROSS A 100-METER LINE, PREFIX THE 100-METER SQUARE IDENTIFICATION IN WHICH THE POINT LIES.
 Ejemplo: 19L766803

WHEN REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA, PREFIX THE GRID ZONE DESIGNATION.
 Ejemplo: 19L766803

CONVERSION GRAPH
 GRÁFICA DE CONVERSIÓN

BOUNDARIES
 LÍMITES

ADJOINING SHEETS
 HOJAS ADYACENTES

ELEVATION GUIDE
 GUÍA DE ELEVACIÓN

LIMITED DISTRIBUTION

Distribution authorized to DoD, IAW 10 U.S.C. 66130 & 455. Release authorized to U.S. DoD contractors IAW 48 C.F.R. 5252.245-7000. Refer other requests to Headquarters, INMA, ATTN: Release Office, Shop P-25. Destroy as 'For Official Use Only' Removal of this caveat is prohibited.

NSN 7643014854937

J632X2647