

SERIES 1501 AIR SHEET NI 52-16 EDITION 3

POPULATED PLACES

Over 500,000 **TOKYO**

100,000 to 500,000 **GIJU**

25,000 to 100,000 **Yamaguchi**

5,000 to 25,000 **Kaitachi**

ROADS

Dual highway, under construction **4 LANE HWY**

All weather, hard surface, more than two lanes wide **3 LANES**

All weather, hard surface, two lanes wide **2 LANES**

All weather, loose or light surface, one lane wide **1 LANE**

All weather, loose or light surface, more than two lanes wide **2 LANES**

All weather, loose or light surface, two lanes wide **2 LANES**

All weather, loose or light surface, one lane wide **1 LANE**

Fair or dry weather, loose surface **1 LANE**

Cart track **1 LANE**

Footpath, trail **1 LANE**

Route marker **3**

RAILROADS

Normal gauge 1.067m (3'6") **Single track**

Narrow gauge 762m (2'6") **Multiple track**

BOUNDARIES

First-order administrative **1**

VEGETATION

Woods: Orchard **1**

HYDROGRAPHY

Swamp, Rice **1**

Depth curve **1**

Exposed wreck **1**

Rock, uncovering or awash **1**

Foreshore flat **1**

Large reef or rocky ledge **1**

TERRAIN ELEVATIONS

Spot elevation, normal: critical **2520 - 5085**

HIGHEST KNOWN elevation is 5765 feet at the following coordinates: geographic **32°49'N 131°21'E** grid **GM 1934**

± following elevation value indicates accuracy is not within 100 feet.

AERODROMES (Military or Civil)

EDNA/50/4 **1**

725 **1**

Field limits with runway pattern **1**

EDNA-Name **1**

50 Length of longest runway to nearest hundreds of feet **1**

Soft or unimproved surface **1**

Unknown surface **1**

725 Elevation **1**

Field limits, with runway pattern unknown **1**

Field limits unknown, with runway pattern **1**

Field limits and runway pattern unknown **1**

HELIPORT **1**

RADIO FACILITIES

RADIO RANGE LF/MF **1**

MULTIPLE RADIO FACILITIES **1**

CONTROLLED AIRSPACE **1**

ADIZ **1**

VISUAL AIDS AND OBSTRUCTIONS

Obstruction **1108**

1108 Elevation of obstruction top, above sea level. (259) Elevation of obstruction top, above ground level.

Group obstruction **1**

Radio facility obstruction **1**

Power transmission line **1**

Visual ground sign **M**

Aero light: Marine light **1**

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 8 JULY 1980**

Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

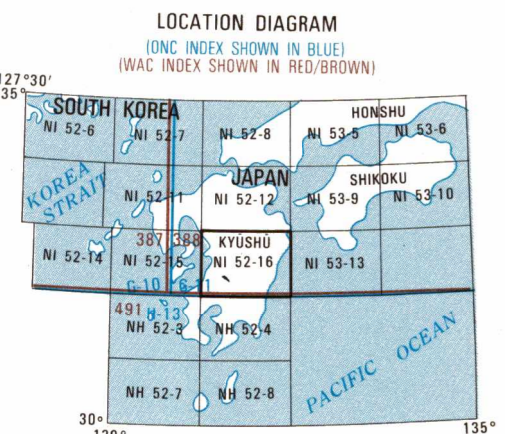
MAGNETIC VARIATION FOR 1980 IS APPROXIMATELY 5°45' WESTERLY OVER THE ENTIRE AREA (Annual rate of change 1' increase)

**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.). In areas of extreme variable relief, the MEF is shown by a note spaced across the area.

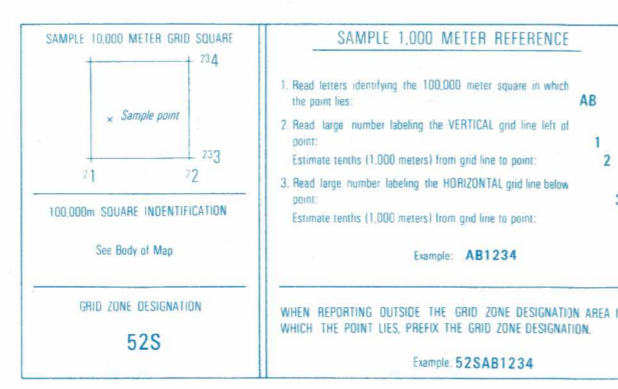
EXAMPLE: 12,500 feet **125**



Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled May 1978.

CONVERSION OF ELEVATIONS

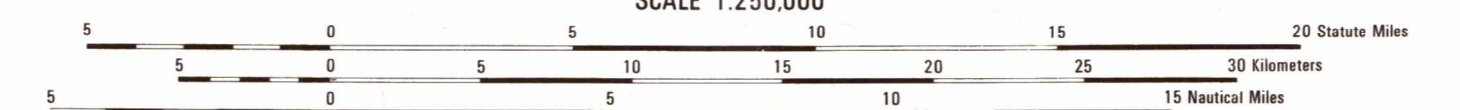
FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
100	31	1000	305



USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0899; COMMERCIAL 314-263-4884; DSN 810-810-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: ENR, MAIL STOP L-48, 4600 SANGAMER ROAD, BETHESDA, MD 20818-5003.

**JOINT OPERATIONS GRAPHIC (AIR)**

SCALE 1:250,000



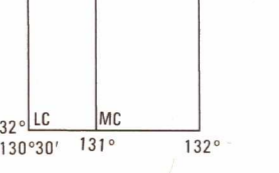
CONTOUR INTERVAL APPROXIMATELY 330 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 52, BESSER SPHEROID.

GLOSSARY

Bani	cape, point	Kakuyoshi	national forest
Daki	dam	Mi	mountain
Denshi-retsuden	electric railroad	San	capit, point
Gono	stream	Shin	railroad
Honsen	island	Shima	island
Jima	island	Suido	strait
Kai	sea	Take	hill, mountain
Kaido	road	Waki	bay
Kano	stream	Yama	hill, mountain
Kan	river	Zaki	cape, point
Kan	river under administrative division	Zaki	cape, point
Ki	harbor	Zan	hill, mountain

GEOREF BASIC 15° QUADRANGLE WJ



ELEVATION TINTS

FEET
2625
600
330
80

RELIABILITY OF THIS GRAPHIC (as determined by standard practices)

PLOTTING ACCURACY	AREA	AREA
50% ASSURANCE	4:1	16:1
Horizontal Contours	within	16:1
Graphic Feature	DATE OF INFORMATION	
All other features	AREA	AREA II
Coastal hydrography	1973-76	1975-77
Compiled from best available source materials		

Horizontal Datum: Tokyo Datum  
Vertical Datum: Mean Sea Level  
Transverse Mercator Projection

NOTES

Only obstructions 200 feet or more above ground level are shown. The information on obstructions is not necessarily complete. On this graphic, a lane is generally considered as being 8 feet (2.5 meters) in width.

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