

SERIES 1501 AIR SHEET NJ 54-10 EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 2

- LEGEND**
- POPULATED PLACES**
- Over 500,000 TOKYO
  - 100,000 to 500,000 Gifu
  - 25,000 to 100,000 YAMAGUCHI
  - 2,500 to 25,000 Kaitachi
  - Less than 2,500 Kaitchi
  - landmark feature
- ROADS**
- Dual highways; Under construction
  - All weather
  - Hard surface, two or more lanes wide
  - Hard surface, one lane wide
  - Loose or light surface, two or more lanes wide
  - Loose or light surface, one lane wide
  - Fair or dry weather, loose surface
  - Cart track
  - Foot path; trail
  - National Route
- RAILROADS**
- Normal gauge 36" (1.067m)
  - Narrow gauge 26" (1.762m)
- BOUNDARIES**
- First-order administrative
- VEGETATION**
- Woods; brushwood; Orchard; Vineyard
  - Rice

- HYDROGRAPHY**
- Falls; Rapids
  - Salt evaporator
  - Swamp or marsh
  - Depth curve in fathoms
  - Reef; Limit of danger
  - Rocks; Sinker; Awash
  - Foreshore flat
  - Levee

**TERRAIN ELEVATIONS**

HIGHEST KNOWN elevation is 6982 feet at 37°49'N and 139°39'E

Spot elevation Normal, Critical

Horizontal control point

Following elevation value indicates accuracy is not within 100 feet

- AERODROMES (Military or Civil)** EDNA/50A
- Field limits with runway pattern
  - EDNA - Name
  - 50 - length of longest runway to nearest hundreds of feet
  - 1 - Soft or unimproved surface U - Unknown surface
  - 725 - Elevation
  - Field limits, with runway pattern unknown
  - Field limits unknown, with runway pattern
  - Field limits and runway pattern unknown

- SEAPLANE BASE**
- SEAPLANE (EMERGENCY)**
- HELIPORT**
- RADIO FACILITIES**
- RADIO RANGE (M/MI)

- VOR DME**
- CONTROLLED AIRSPACE**
- ATLANTIC ADIZ

- VISUAL AIDS AND OBSTRUCTIONS**
- Obstruction
  - 1708 - Elevation of obstruction top, above sea level
  - (259) - Elevation of obstruction top, above ground level
  - Group obstruction
  - Radio facility obstruction
  - Power transmission line
  - Visual ground sign
  - Aero light; Marine light

**CAUTION**

**AIR INFORMATION CURRENT THROUGH 28 OCTOBER 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.

**ATTENTION**

**THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)**

The Maximum Elevation Figures shown in quadrangles bounded by dotted 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 (towers, antennas, etc.).

EXAMPLE: 12500 feet

**NOTES**

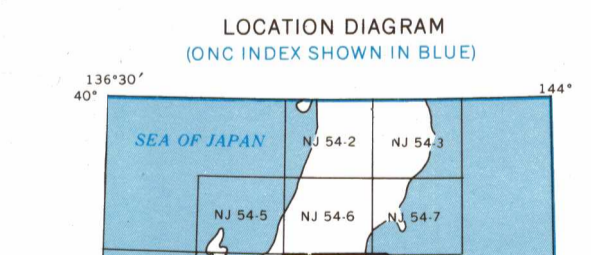
CAUTION: Power transmission line information on this sheet is incomplete.

On this graphic a line is generally considered as being 2.44 to 3.66 meters (8 to 12 feet) in width.

Only obstructions 200 feet or more above ground level are shown. The information on obstructions is not necessarily complete.

**LINE OF EQUAL MAGNETIC VARIATION FOR 1980**

(Annual rate of change 1° increase)



Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled July 1970

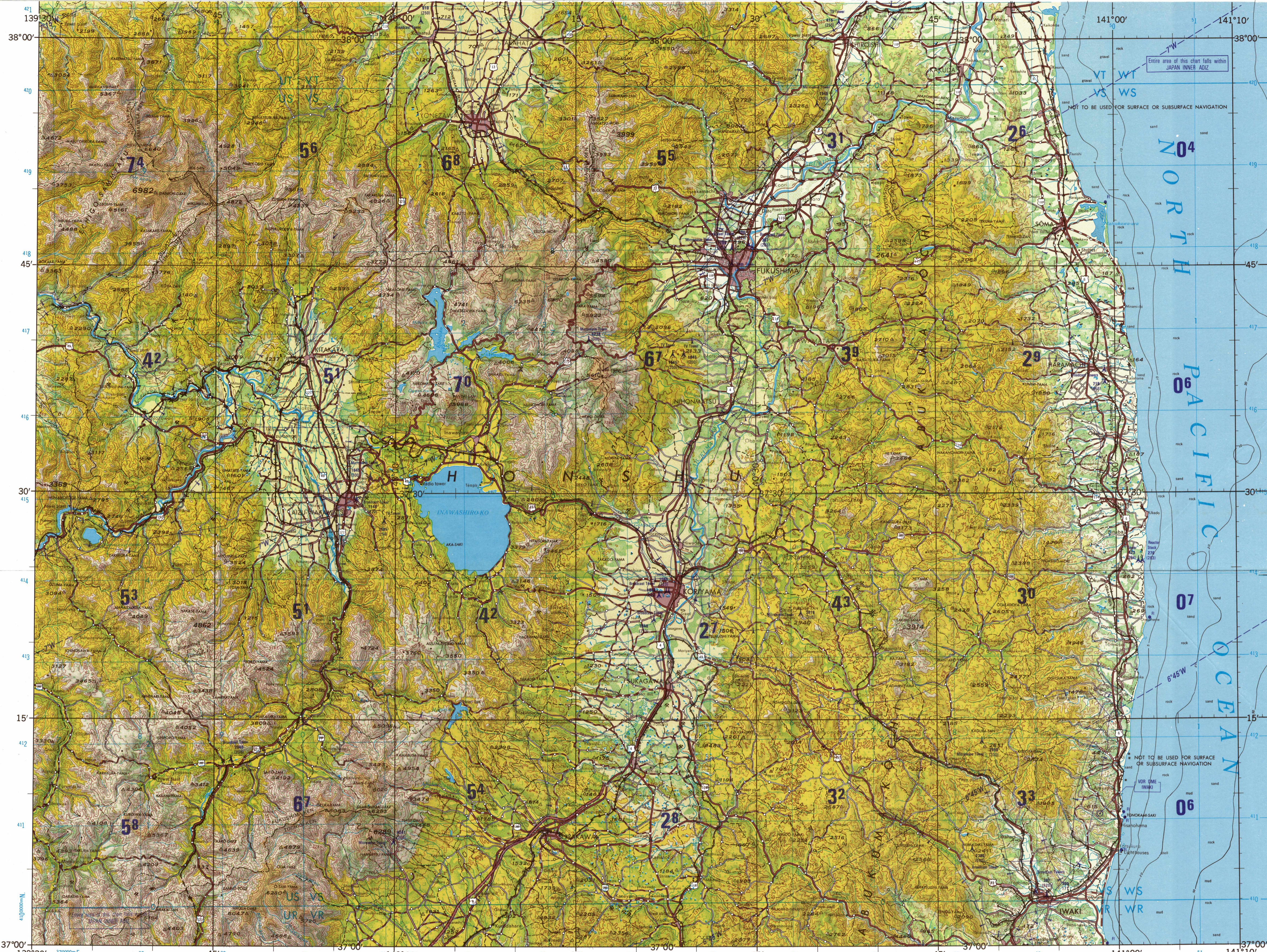
Powerline information and obstructions have been extracted from the most reliable source available; however, this is no assurance that all powerlines and obstructions are shown or that their locations and heights are correct.

**SCALE 1:250,000**

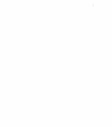
**FUKUSHIMA, JAPAN**

SERIES 1501 AIR SHEET NJ 54-10 EDITION 4

SERIES 1501 COMPANION SHEET IS EDITION 2



Prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center, Washington, D.C. Compiled July 1970



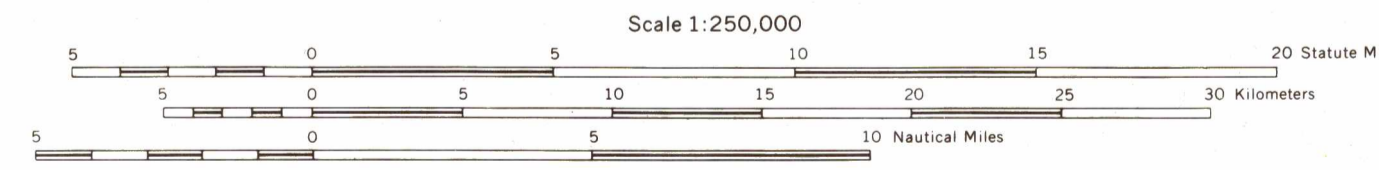
**ELEVATIONS IN FEET**

**DEPTHS IN FATHOMS**

**JOINT OPERATIONS GRAPHIC (AIR)**

**ELEVATIONS IN FEET**

**DEPTHS IN FATHOMS**



CONTOUR INTERVAL APPROXIMATELY 330 FEET WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 54, BESSER SPHEROID.

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA OPERATIONAL HELP DESK: 1-800-455-0898; COMMERCIAL: 314-263-4864; COM: 803-4884; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: 15, NIMA STOP 1, 4800 SANGAMON ROAD, BETHSUDA, MD 20814-5002.

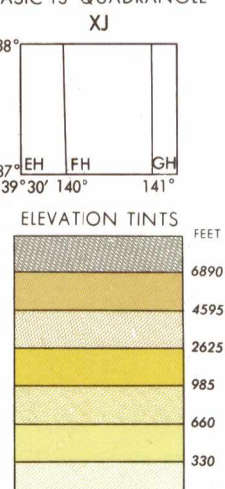
**GLOSSARY**

- Dake ..... mountain
- Chawa, gawa ..... river
- Hosen ..... railroad
- kawa ..... river
- Ken ..... first-order administrative division
- Ko, ko ..... lake
- Kapli ..... plateau
- Mine ..... mountain
- Mori ..... mountain
- Sen ..... point
- Sammyaku ..... mountain range
- Sen ..... mountain
- Sen ..... railroad
- Take ..... mountain
- Toge ..... mountain pass
- ura ..... inlet
- Yama ..... mountain
- Zaki ..... point
- Zan ..... mountain

**GEOREF**

BASIC 15' QUADRANGLE

XJ



**RELIABILITY OF THIS SHEET**

(as determined by standard practices)

PLOTTING ACCURACY	AREA	
	AREA I	AREA II
Horizontal	within 100 ft	within 100 ft
Vertical	within 100 ft	within 100 ft
MAP FEATURE	DATE OF INFORMATION	
Map hydrography	1973	1982
All other features	1970	1980

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

**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS**

36,000 METER IDENTIFICATION	EXAMPLE POINT IDENTIFICATION	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS
US VS WS	US VS WS	1. Read letters identifying 36,000 meter square in which the point lies.
US VS WS	US VS WS	2. Locate the vertical grid line to LEFT of point and read LARGE figure labeling the line either in the bottom margin, or on the line itself.
US VS WS	US VS WS	3. Estimate tenths (0.10) grid line to point.
US VS WS	US VS WS	4. Locate the horizontal grid line BELOW point and read LARGE figure labeling the line either in the left margin, or on the line itself.
US VS WS	US VS WS	5. Estimate tenths (0.10) grid line to point.
US VS WS	US VS WS	6. Combine digits from grid line to point.
US VS WS	US VS WS	7. Round off to nearest 100 meters.

NSN 7641014104736

NIMA REF. NO. 1501ANJ5410

ED. NO. 004