

SERIES 1501 AIR SHEET NH 33-15 EDITION 1

- POPULATED PLACES**
- First importance: **TRIPOLI**
  - Second importance: **BENGASI**
  - Third importance: **GADAMES**
  - Fourth importance: Tobruk
  - Fifth importance: Jalu
- ROADS**
- All weather, hard surface
  - All weather, loose or light surface
  - Fair or dry weather, loose surface
  - Cart track
  - Footpath
  - Railroad
- BOUNDARIES**
- International
  - Populated places, buildings
  - Christian church, School, Mosque
  - Mine, quarry
  - Horizontal control point
  - Spot elevation, Normal, Critical
  - Sekbra, Wadi
  - Escarpment, Swamp

- TERRAIN ELEVATIONS**
- HIGHEST ELEVATION IS UNKNOWN.
- ± Following elevation value indicates accuracy is not within 100 feet.
- AERODROMES (Military or Civil)**
- EDNA/50/s  
725
- Field limits with runway pattern
- EDNA-Name  
50-Length of longest runway to nearest hundreds of feet  
1-Soft or unimproved surface  
=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 LF/MF
- MULTIPLE RADIO FACILITIES
- CONTROLLED AIRSPACE**
- ADIZ
- ISUAL AIDS AND OBSTRUCTIONS**
- OBSTRUCTION
- 1108-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 26 JANUARY 1970**

Consult Notices to Airmen (NOTAMS) and Flight Information Publications (FIPs) for the latest air information; the Chart Updating Manual (CHUM) for other chart revision information.

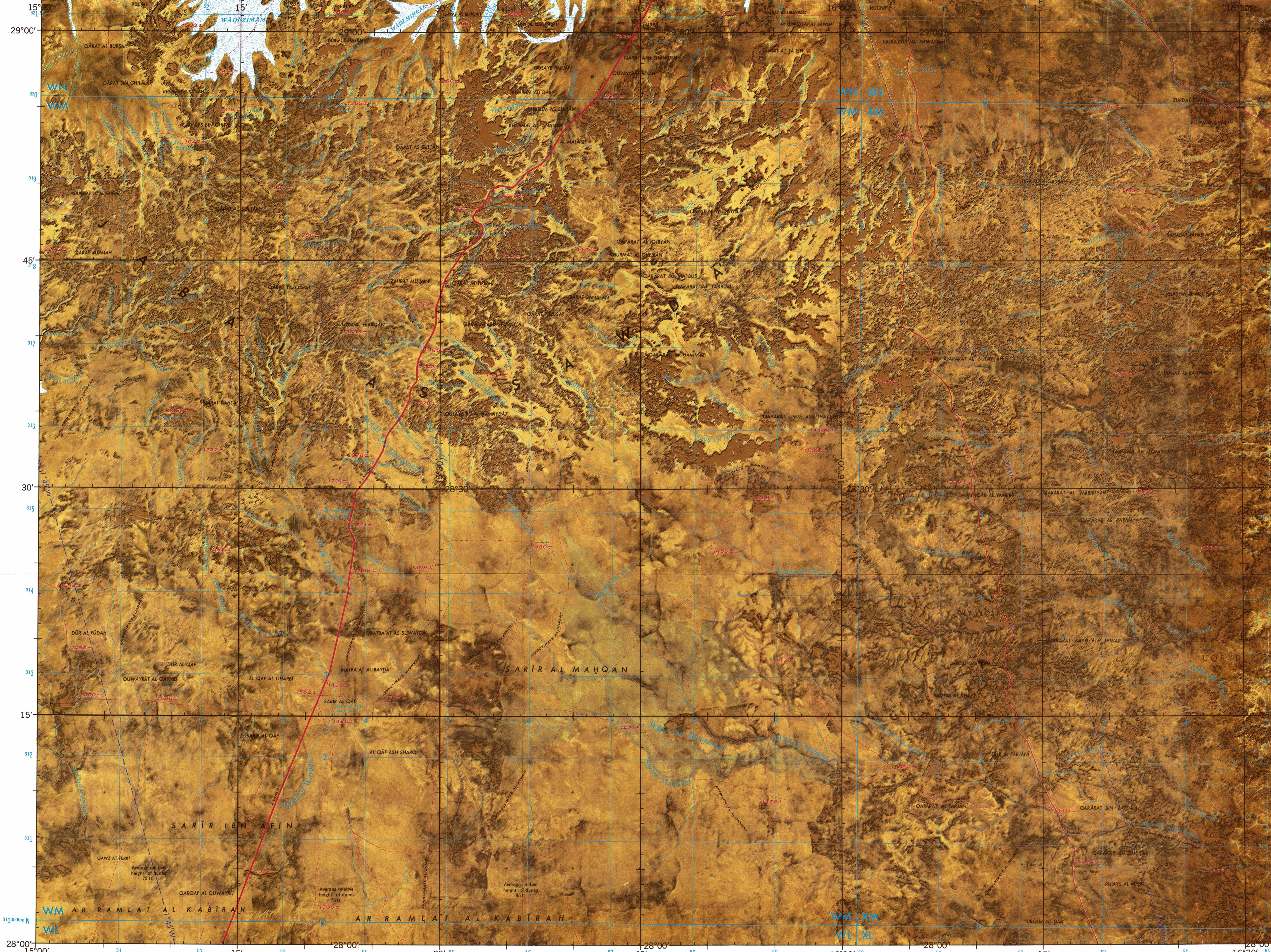
**LINE OF EQUAL MAGNETIC VARIATION FOR 1965**  
(Annual rate of change 4' decrease)

**LOCATION DIAGRAM (ONC INDEX SHOWN IN BLUE)**

NH 33-5	NH 33-6	NH 33-7	NH 33-8	NH 33-9
NH 33-10	NH 33-11	NH 33-12	NH 33-13	NH 33-14
NH 33-15	NH 33-16	NH 33-17	NH 33-18	NH 33-19
NG 33-1	NG 33-2	NG 33-3	NG 33-4	NG 33-5
NG 33-6	NG 33-7	NG 33-8	NG 33-9	NG 33-10

SCALE 1:250,000  
JABAL AS SAWDA', LIBYA

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**ELEVATIONS IN FEET**

**JOINT OPERATIONS GRAPHIC (AIR)**

**ELEVATIONS IN FEET GLOSSARY**

**BASIC 15° QUADRANGLE PH**

**RELIABILITY OF THIS SHEET**  
(as determined by standard practices)

**NOTES**

No obstructions 200 feet or more above ground level are known to exist in this area.

**THIS IS A PHOTOMAP BASE AND FEATURES MAY BE DISPLACED PARTICULARLY IN AREAS OF VARYING TERRAIN HEIGHTS.**

On this map a lane is generally considered as being 2.5 meters (8 feet) in width.

**GRID ZONE DESIGNATION**

33R

100,000 M SQUARE IDENTIFICATION

WM	XN	WM	XN
WM	XL	WM	XL

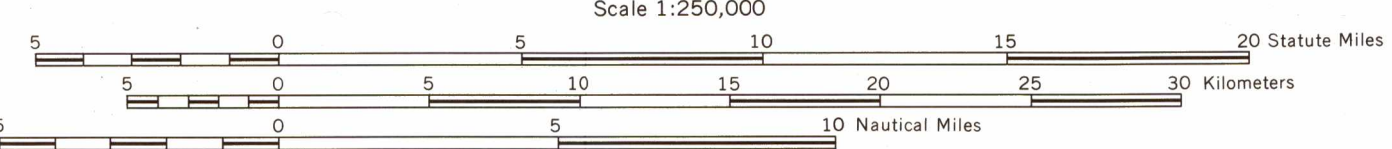
**TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METERS**

**SAMPLE POINT: WFL 0888 83 0800**

- Read letters identifying 100,000 meter square in which the point lies.
- Locate first VERTICAL grid line to LEFT of point and read LARGE figure below the line within in the top or bottom margin, or on the line itself. Estimate tenths from grid line to point.
- Locate first HORIZONTAL grid line BELOW point and read LARGE figure below the line within in the left or right margin, or on the line itself. Estimate tenths from grid line to point.

**SAMPLE REFERENCE:**

1) reporting beyond 9°N.S. or 18°E.W. prefix Grid Zone Designation, ex. 33RWM3899



BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 33, INTERNATIONAL SPHEROID

USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0899; COMMERCIAL 314-260-5032; DSN 490-5032; OR WRITE TO: DIRECTOR, NATIONAL IMAGERY AND MAPPING AGENCY, ATTN: COO, MAIL STOP P-37, 4600 SANGAMORE ROAD, BETHESDA, MD 20816-5003

- ELEVATIONS IN FEET GLOSSARY**
- Bir.....well, cistern
  - Dar.....hills, plateau
  - Hijafat.....cistern
  - Jabal.....mountain, hill
  - Khushm.....hill
  - Khurmat.....pass, hill
  - Kudwat.....hill
  - Minqar.....hill
  - Qaf.....hill, mountain
  - Qararat.....depression, basin
  - Qarat.....hill
  - Qawz.....(dunes)
  - Qulayb.....hill
  - Quwayif.....depression
  - Quwayrat.....hill
  - Rabat.....plain, desert
  - Ramlat.....sand, sand dune
  - Ru'ays.....hill
  - Sarir.....gravel desert
  - Sayb.....wadi
  - Shajib.....wadi
  - Shi'ab.....wadis
  - Shu'bat.....wadi
  - Thamud.....cistern
  - Urqb.....ridge, hill
  - Wadi.....wadi
  - Waduy.....wadi
  - Zahrat.....mountain

**DATES OF INFORMATION**

Road classification	1934-62
Hydrography	1934-62
Vegetation	1957-62
All other features	1934-62

Road information not verified by reconnaissance. Map not field checked.

Horizontal Datum: None  
Vertical Datum: None  
Transverse Mercator Projection

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