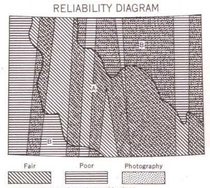
# ARAK

EDITION 1–AMS

REFER TO THIS MAP AS:
NG 31-11
SERIES P502

SERIES P502
SHEET NG 31-11
EDITION 1–AMS

RELIABILITY DIAGRAM




No areas of vegetation exist on this sheet.

A. Medium scale topographic maps, controlled ground survey, 1932.

B. Small scale topographic map, compiled, 1948. Planimetry revised from 1943-44 aerial photography.

LOCATION DIAGRAM FOR NG 31-11

| | | | | |
|---|---|---|---|---|
| NG 31-1 AOULEF ECH CHEURFA | NG 31-2 IN SALAH | ERS OUM EL LIL NG 31-3 | CHEBKA TIMHERET NG 31-4 | DJEBEL TAN ELAK NG 32-1 |
| AOULEF EL ARAB NG 31-5 | OUED DJARET NG 31-6 | AÏN TIDJOUBAR NG 31-7 | ADRAR AHELLANAE NG 31-8 | DJEBEL EBEDEL MELLENE NG 32-5 |
| NG 31-9 | NG 31-10 | ALGERIA NG 31-11 ARAK | NG 31-12 DJARET EL DJENOUN | NG 32-9 EBG TIMDAÏNE |
| NG 31-13 | NG 31-14 | TI-N TANETHIRT NG 31-15 | NG 31-16 BORDJ IN EKER | NG 32-13 DJEBEL TIN TEBOURAK |
| NF 31-1 | NF 31-2 | NF 31-3 | IN AMGUEL NF 31-4 | TAZROUK NF 32-1 |

LEGEND

Figures in red denote approximate distances in kilometers between stars

POPULATED PLACES
- Over 100,000 — ALGER
- 50,000 to 100,000 — SAFI
- 10,000 to 50,000 — SETTAT
- 2,000 to 10,000 — Tiflet
- Less than 2,000 — Marchand

RAILROADS
- Normal gauge (4'8½") — Single track / Multiple track
- Narrow gauge

ROADS
- Route markers: Primary; Secondary
- Hard surface, all weather
  - More than two lanes wide — 3 LANES
  - Two lanes wide
  - Less than two lanes wide
- Loose surface — Principal / Other
  - Graded, all weather
  - Dry weather or dirt
- Track; Trail

BOUNDARIES
- International
- Region, department, territory

Landmark feature
Mine
Horizontal control point
Spot elevation in meters — .158
Landplane airport
Landing area
Seaplane airport
Seaplane anchorage
Well; Spring
Levee
Distorted surface
Dunes: Crescent; Lateral

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Prepared by the Army Map Service (NS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1952 from: [illegible]hara, 1:200,000, Institut Géographique National, Sheet NG (V-V X-X), 1932 and Croquis de l'Afrique [illegible] 1,000,000, Sheet NG 31, 1948. Planimetric detail partially revised by photo-planimetric methods. Names [illegible] accordance with rules of the U. S. Board on Geographic Names. Road classification should be referred to [illegible]

G
8220
S250
U5
NG
31-11
PCL MAP
8220s
-11

GLOSSARY

| | | | | | |
|---|---|---|---|---|---|
| [illegible] | well | Erg | dune | Oudian | watercourse |
| [illegible] | mountain | Gara | hill | Oued | watercourse |
| [illegible] | pool | Gorges | gorges | Tilmas | wells |
| [illegible] | mountain | Hassi | well | | |

Scale 1:250,000

5 0 5 10 15 20 25 Statute Miles
5 0 5 10 15 20 25 30 35 Kilometers
5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 50 METERS;
RELIEF PARTIALLY SHOWN BY FORM LINES

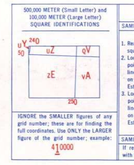
TRANSVERSE MERCATOR PROJECTION

RED NUMBERED LINES INDICATE THE 10,000 METER NORTH SAHARA ZONE GRID, CLARKE 1880 SPHEROID
THE LAST FOUR DIGITS OF THE GRID NUMBERS ARE OMITTED

1951 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 6°30' WESTERLY FOR THE CENTER OF THE WEST EDGE TO 6°00' WESTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 0°08' EASTERLY.

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D.C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

500,000 METER (Small Letter) and 100,000 METER (Large Letter) SQUARE IDENTIFICATIONS




IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figure of the grid number; example: 11000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 METERS:

SAMPLE POINT: TADJEMOUT (FORT)

1. Read letter identifying 100,000 meter square in which the point lies: E
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 7
   Estimate tenths from grid line to point: 3
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 6
   Estimate tenths from grid line to point: 5

SAMPLE REFERENCE: E 7365

If reporting beyond 500,000 meters prefix with 500,000 Meter Square Identification, as: ZE 7365

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ARAK, ALGERIA