

SERIES 1501 AIR SHEET NI 31-11 EDITION 2  
SERIES 1501 COMPANION SHEET IS EDITION 1

POPULATED PLACES LIEUX HABITÉS.

Over 100,000.....ALGER SAFI  
50,000 to 100,000.....SETTAT  
10,000 to 50,000.....Tiflet  
2,000 to 10,000.....  
Less than 2,000.....  
Landmark features Pointe repère.....

ROADS ROUTES

Dual highway Autoroute.....3 LANES  
TROIS VOIES

All weather, hard surface, two or more lanes wide.....  
A route saison, revêtement dur, deux voies ou plus  
All weather, loose or light surface, two or more lanes wide.....  
A route saison, revêtement léger ou à surface meuble, deux voies ou plus

For temps sec, à surface meuble.....  
Chemin de exploitation; Sentier, piste  
International, National, Secondary.....  
Mine; Mosquée.....  
Sable; Lateral dunes.....  
Sable; Dunes latérales.....  
Horizontal control point.....  
Pointe géodésique.....

RAILROADS CHEMINS DE FER

Normal gauge 1.44m (4ft 8.5").....Single track  
Voie normale.....Voie unique  
Narrow gauge Voie étroite.....Multiple track  
Voie étroite.....Voies multiples

BOUNDARIES LIMITES

International Limite d'État.....  
First order administrative.....  
De division administrative principale.....

VEGETATION VEGETATION

Woods Bois.....

HYDROGRAPHY HYDROGRAPHIE

Well; Spring Puits, Source.....  
Depth curves Courbes bathymétriques.....  
Wrecks: Exposed, Sunken.....  
Épaves: Vissibles, Submergées.....  
Rocks; Awags, Sunken.....  
Rochers: À fleur d'eau, Submergées.....  
Limits of Danger; Reef.....  
Limits de danger; Récif.....  
Ward; Oued.....  
Sebkha; Sebha.....  
Foreshore flats Riviages plats.....

TERRAIN ELEVATIONS ALTITUDES DU TERRAIN

HIGHEST KNOWN elevation is 3530 feet at 34°01'N, 3°24'E  
Le point culminant connu est 3530 pieds à 34°01'N, 3°24'E  
Spot elevations: normal; critical.....1824.5922  
Point coté: normal; critique.....1824.5922  
Elevation value indicates accuracy as follows:  
±: suivant une valeur d'altitude indique une précision inférieure aux 100 pieds

AERODROMES Military or Civil / AERODROMES (Militaire ou Civil)

EDNA/50's.....  
Field limits with runway pattern.....725  
Limites du champ d'aviation avec réseau des pistes  
EDNA - Name Désignation.....  
50 - Length of longest runway to nearest hundreds of feet  
Longueur de la piste principale aux cent pieds près  
Soft or unimproved surface.....  
Surface molle ou non aménagée

UNIKOWN SURFACE

Field limits with runway pattern unknown.....  
Limites du champ avec réseau des pistes inconnu

FIELD LIMITS UNKNOWN WITH RUNWAY PATTERN

Field limits with runway pattern unknown.....  
Limites du champ et réseau des pistes inconnu

SEAPLANE BASE BASE D'HYDRAVIONS

SEAPLANE EMERGENCY PLAN D'EAU DE SECOURS

HELIPORT HELIPORT

RADIO AIDS TO NAVIGATION / AIDES RADIO A LA NAVIGATION

VHF OMNI RANGE IVOR; RADIOPHARE OMNIDIRECTIONNEL VHF (IVOR)  
VORTAC; VOR with DME VOR avec DME  
TACAN; OTHERS-AUTRES

CONTROLLED AIRSPACE / ESPACE AÉRIEN CONTRÔLÉ

ADIZ; ATLANTIC ADIZ

VISUAL AIDS AND OBSTRUCTIONS / AIDES VISUELLES ET OBSTACLES

Obstruction; Obstacle.....1108  
(259) A  
1108 - Elevation of obstruction top above sea level  
Altitude du sommet de l'obstacle au-dessus du niveau de la mer  
(259) - Elevation of obstruction top above ground level  
Hauteur au sommet de l'obstacle au-dessus du niveau du sol

GROUP OBSTRUCTION / GROUPE D'OBSTACLES

Radio facility obstruction.....  
Obstacle dû à une installation radio  
Power transmission line.....  
Ligne de haute tension  
Visual ground light.....  
Signe visuel sur sol  
Aero light.....  
Feu aéronautique

CAUTION

AIR INFORMATION CURRENT THROUGH

7 APRIL 1978  
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.

LINE OF EQUAL MAGNETIC VARIATION FOR 1975

(Annual rate of change 5' decrease)  
LIGNES D'EGALE DÉCLINAISON MAGNÉTIQUE POUR L'ANNÉE 1975 (Variation annuelle: diminution de 5')

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 (towers, antennas, etc.), in areas of extensive unreliable relief, the MEF is shown by a note spaced across the area.

EXAMPLE: 12,500 feet ..... 125

LOCATION DIAGRAM

(ONIC INDEX SHOWN IN BLUE)  
(WAC INDEX SHOWN IN RED/BROWN)

Table with 4 columns: NI 31-1 to NI 31-4, NI 31-5 to NI 31-8, NI 31-9 to NI 31-12, NI 31-13 to NI 31-16, NI 31-17 to NI 31-20. The number 125 is highlighted in the NI 31-11 cell.

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CONVERSION OF ELEVATIONS

Table with 3 columns: FEET, METERS, FEET, METERS. Conversion values for various heights.

SCALE 1:250,000

K SAR EL HIRANE, ALGERIA

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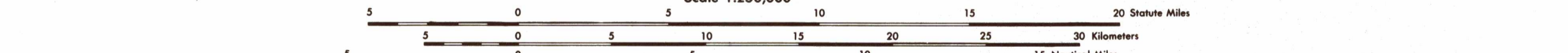
CONVERSION OF ELEVATIONS

Table with 3 columns: FEET, METERS, FEET, METERS. Conversion values for various heights.

SCALE 1:250,000

K SAR EL HIRANE, ALGERIA

ELEVATIONS IN FEET / ALTITUDES EN PIEDS  
JOINT OPERATIONS GRAPHIC (AIR)  
Scale 1:250,000



CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT 85-FOOT INTERVALS  
ÉQUIDISTANCE DES COURBES DE NIVEAU 165 PIEDS ENVIRON AVEC INTERCALAIRES DE 85 PIEDS

BROWN NUMBERED LINES INDICATE THE 10,000 METRE FRENCH LAMBERT GRID, SOUTH ALGERIA ZONE, CLARKE 1880 SPHEROID.  
LES LIGNES CHIFFRÉES EN BRUN CORRESPONDENT AU QUADRILLAGE MATHÉMATIQUE LAMBERT-SUD ALGERIE, ELLIPSOÏDE DE CLARKE 1880.

TO OUR STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS

Table with 2 columns: SMALLEST FIGURES of any grid number; LARGER FIGURES of the grid number. Values: 27 0000, 27 0000.

SAMPLE POINT: TALEMZIANE (FORT) NI 31-11  
1. Lower topographic control point with 250000  
2. Lower topographic control point with 250000  
3. Lower topographic control point with 250000

Table with 2 columns: FEET, METERS. Values: 61, 30, 7.

Table with 2 columns: FEET, METERS. Values: 100, 31, 1000, 307.

ELEVATIONS IN FEET / ALTITUDES EN PIEDS  
Scale 1:250,000  
GEOREF BASIC 15' QUADRANGLE



RELIABILITY OF THIS GRAPHIC (as determined by standard practice)  
Horizontal.....within 750 ft.  
Contours.....within 85 ft.  
Date of information.....1971

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

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NOTES - NOTES  
No obstructions 200 feet or more above ground level are known to exist in this area.  
On ne connaît pas dans cette région l'existence d'aucun obstacle dont la hauteur dépasse les 200 pieds hors sol.  
CAUTION: Power transmission line information on this graphic is incomplete. Position and alignment of those shown are approximate. AVIS: Les renseignements de cette carte sur les lignes de transport de force sont incomplets. L'emplacement et le tracé des lignes représentées sont approximatifs.

GLOSSARY - GLOSSAIRE  
Chebka.....hilly area.....région accidentée  
Djebel.....mountain.....mont  
Gadi.....hill.....colline  
Gadi.....hills.....collines  
Mader.....wall.....oued  
Oued.....road.....oued  
Ros.....mountain(s).....mont(s)  
Taniet.....pass.....col

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