

SERIES 1501 AIR SHEET NI 32-9 EDITION 2

POPULATED PLACES LIEUX HABITES  
 Over 100,000 SAFI  
 50,000 to 100,000 SETTAT  
 10,000 to 50,000 TITET  
 2,000 to 10,000  
 less than 2,000  
 Landmark feature Point repère  
 Colnet

ROADS ROUTES  
 Dual highway Autoroute  
 All weather, hard surface, two or more lanes wide  
 À toute saison, revêtement dur, deux voies ou plus  
 All weather, loose or light surface, two or more lanes wide  
 À toute saison, revêtement léger ou à surface meuble, deux voies ou plus  
 All weather, hard surface, one lane wide  
 À toute saison, revêtement dur, une voie  
 All weather, loose or light surface, one lane wide  
 À toute saison, revêtement léger ou à surface meuble, une voie  
 Fair or dry weather, loose surface  
 Par temps sec, à surface meuble  
 Cart track Footpath, trail  
 Chemin d'exploitation, Sentier, piste  
 International, National, Secondary  
 International, Nationale, Secondaire

RAILROADS CHEMINS DE FER  
 Normal gauge 1.44m (4'8.5")  
 Single track Multiple track  
 Voie normale Voies multiples  
 Narrow gauge Voie étroite

BOUNDARIES LIMITES  
 International Limite d'Etat  
 First order administrative  
 De division administrative principale

VEGETATION VEGETATION  
 Woods Bois  
 Palm trees, Orchards, Palms, Mangroves  
 Palmiers, Orangers, Palmiers, Mangroves  
 Wells, Springs, Puits, Sources  
 Degrés creux, Courbes bathymétriques  
 Wrecks: Exposed, Sunken  
 Epaves: Vissibles, Submergées  
 Rocks, Arches, Sables  
 Rochers, Arcs d'eau, Submergées  
 Limits of Danger, Reef  
 Limites de danger, Récif  
 Wadi Oued  
 Sables, Sablières  
 Foreshore flats Rivages plats

TERRAIN ELEVATIONS ALTITUDES DU TERRAIN  
 HIGHEST KNOWN elevation NI 505  
 Le point culminant connu est 505 pieds (155 mètres)  
 Spot elevations, normal, critical  
 Points cotés, normale, critique  
 ± following elevation value indicates accuracy is not within 100 feet  
 ± suivant une valeur d'altitude indique une précision inférieure aux 100 pieds

AERODROMES (Military or Civil)  
 EDNA/50A  
 Field limits with runway pattern  
 Limites de champ d'atterrissage, avec réseau des pistes  
 EDNA-Name Désignation  
 50-Length of longest runway to nearest hundreds of feet  
 Longueur de la piste principale aux cent plus près  
 s-Soft or unimproved surface Surface molle ou non aménagée  
 u-Unknown surface Surface inconnue  
 725-Elevation Altitude  
 Field limits with runway pattern unknown  
 Limites de champ avec réseau des pistes inconnu  
 Field limits unknown, with runway pattern  
 Limites de champ inconnues, avec réseau des pistes  
 Field limits and runway pattern unknown  
 Limites de champ et réseau des pistes inconnus

SEAPLANE BASE  
 BASE D'HYDRATIONS  
 SEAPLANE (EMERGENCY)  
 HYDRAVION (SECOURS)  
 HELIPORT HELIPORT  
 CONTROLLED AIRSPACE  
 ESPACE AERIEN CONTROLÉ  
 ADIZ  
 VISUAL AIDS AND OBSTRUCTIONS  
 AIDES VISUELLES ET OBSTACLES  
 Obstruction Obstacle  
 1108-Elevation of obstruction top above sea level  
 Altitude du sommet de l'obstacle au-dessus du niveau de la mer  
 229-Elevation of obstruction top above ground level  
 Hauteur du sommet de l'obstacle au-dessus du niveau du sol  
 Group obstruction  
 Groupe d'obstacles  
 Radio facility obstruction  
 Obstacle d'installations radio  
 Power transmission line  
 Ligne de haute tension  
 Visual ground sign  
 Signe visuel sur sol  
 Aero light  
 Feu aéronautique

CAUTION  
 AIR INFORMATION CURRENT THROUGH  
 18 JANUARY 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.  
 MAGNETIC VARIATION FOR 1975 IS APPROXIMATELY  
 2°45'W OVER THE ENTIRE AREA  
 (Annual rate of change: 5" decrease)  
 LA DÉCLINAISON MAGNÉTIQUE POUR L'ANNÉE 1975 EST DE 2°45'W ENVIRON SUR LA SURFACE ENTIÈRE  
 (Variation annuelle: diminution de 5")

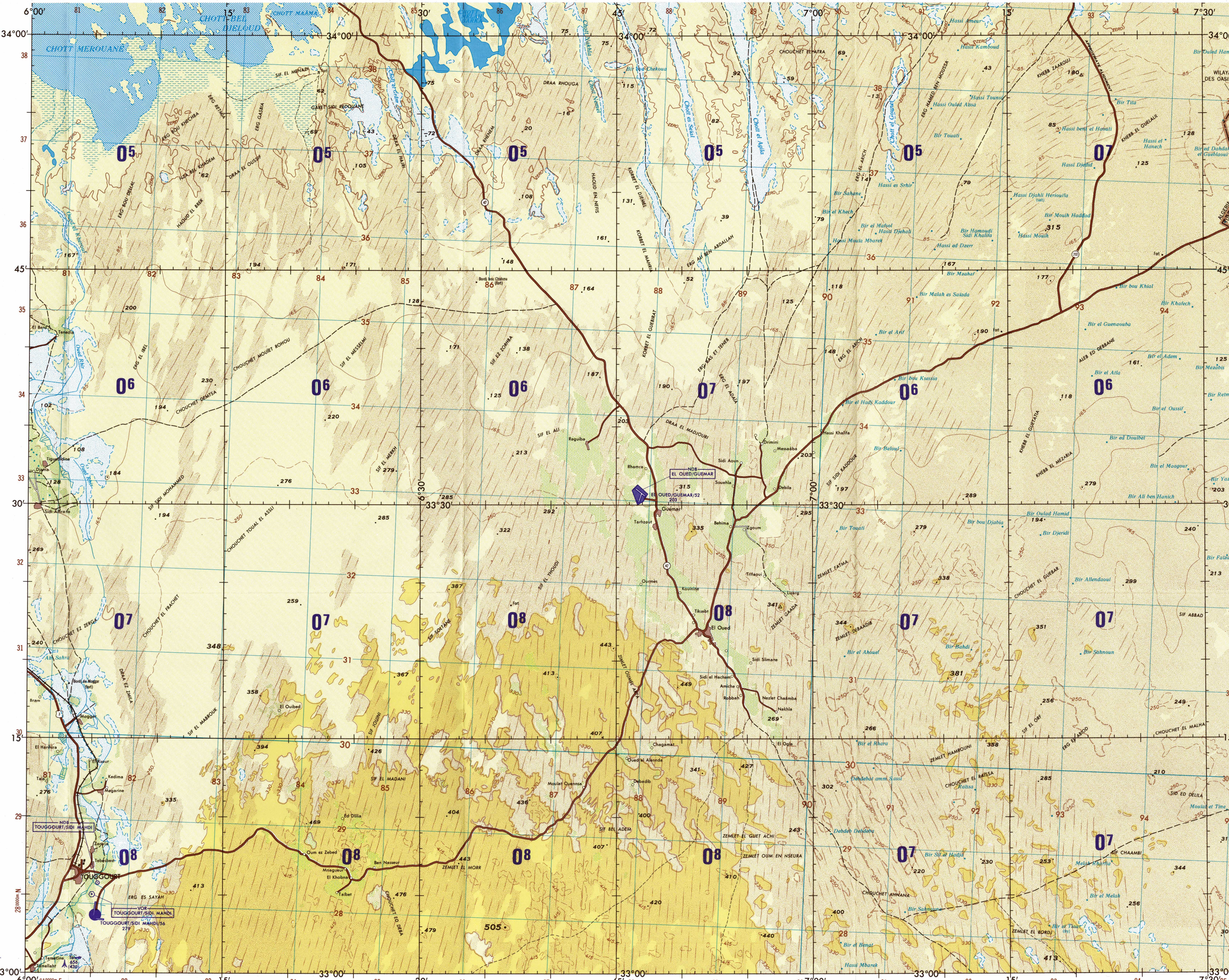
ATTENTION  
 THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)  
 The Maximum Elevation Figures shown in quadrangles bounded by solid lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The MEF is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions (trees, towers, antennas, etc.). In areas of extensive variable relief, the MEF is shown by a note spaced across the area.  
 EXAMPLE: 12,500 feet 125

LOCATION DIAGRAM  
 (IQC INDEX SHOWN IN BLUE)  
 (IWC INDEX SHOWN IN RED/BROWN) 10307

31	32	33	34	35
NI 31-3	NI 31-4	NI 31-5	NI 31-6	NI 31-7
NI 31-8	NI 31-9	NI 31-10	NI 31-11	NI 31-12
NI 31-13	NI 31-14	NI 31-15	NI 31-16	NI 31-17
NI 31-18	NI 31-19	NI 31-20	NI 31-21	NI 31-22
NI 31-23	NI 31-24	NI 31-25	NI 31-26	NI 31-27
NI 31-28	NI 31-29	NI 31-30	NI 31-31	NI 31-32
NI 31-33	NI 31-34	NI 31-35	NI 31-36	NI 31-37
NI 31-38	NI 31-39	NI 31-40	NI 31-41	NI 31-42

CONVERSION OF ELEVATIONS  
 FEET METERS  
 1000 305  
 900 274  
 800 244  
 700 213  
 600 183  
 500 152  
 400 122  
 300 91  
 200 61  
 100 31

Scale 1:250,000  
 TOUGGOURT, ALGERIA; TUNISIA  
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ELEVATIONS IN FEET  
 ALTIITUDES EN PIEDS

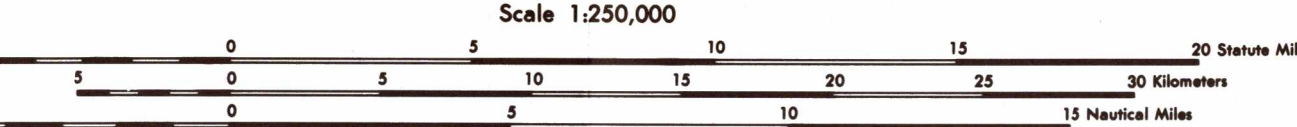
JOINT OPERATIONS GRAPHIC (AIR)  
 Scale 1:250,000

ELEVATIONS IN FEET  
 ALTIITUDES EN PIEDS

GEOREF  
 BASIC 1° QUADRANGLE  
 NJ

RELIABILITY OF THIS GRAPHIC  
 (as determined by standard practice)

NOTES-NOTES  
 Only obstructions 200 feet or more above ground level are shown.  
 The information on obstructions is not necessarily complete.  
 Seuls les obstacles de 200 pieds ou plus hors sol sont signalés.  
 Les renseignements sur les obstacles ne sont pas toujours complets.



GLOSSARY—GLOSSAIRE

Ain	source	spring
Alab	puits	dunes
Bir	puits	within
Chouet	sebkha	800 ft.
Chouet	soukhat	85 ft.
Draa	colline	summit
Erg	dunes	hill
Ghazl	collines	dunes
Haud	depression	depression
Hass	puits	well
Khabb	colline	well
Mouat	puits	well
Nza	collines	hills
Oued	ruisseau	wadi, stream
Sif	crête, dune	crest, dune
Zemlet	dune	dune

Plotting Accuracy	Area	Area
90% Assurance	800 ft.	within
Horizontal	85 ft.	900 ft.
Vertical	85 ft.	85 ft.
GRAPHIC FEATURE	AREA 1	AREA 2
All features	1959-62	1961-66

A lane is generally considered as being a minimum of 2.5 meters (8 ft.) in width.  
 Une voie est ordinairement définie comme ayant une largeur minima 2,5 mètres (8 pieds).  
 THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS GRAPHIC IS NOT NECESSARILY AUTHORITATIVE.  
 LA REPRÉSENTATION DE LIMITES D'ÉTAT SUR CE GRAPHIC N'EST PAS NÉCESSAIREMENT AUTHORITY.  
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CONTOUR INTERVAL APPROXIMATELY 165 FEET WITH SUPPLEMENTARY CONTOURS AT APPROXIMATELY 85 FEET  
 EQUIDISTANCE DES COURBES DE NIVEAU 165 PIEDS ENVIRON DES COURBES INTERCALAIRES 85 PIEDS ENVIRON  
 BROWN NUMBERED LINES INDICATE THE 10,000 METER FRENCH LAMBERT GRID, SOUTH ALGERIA ZONE, CLARKE 1880 SPHEROID  
 LES LIGNES CHIFFRÉES EN BRUN COORÉPONDENT AU QUADRILLAGE MÉRIDIENNIQUE LAMBERT-SUD ALGÉRIE, ELLIPSOÏDE DE CLARKE 1880  
 USERS SHOULD REFER CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-0888, COMMERCIAL: 1-248-260-1206, (ON 480-1206), OR WRITE TO: DIRECTOR, NATIONAL MAPPING AND MAPPING AGENCY, ATTN: CD, 8013 LEE HIGHWAY, FAIRFAX, VA 22031-2137