

SERIES 1501 AIR SHEET SH 35-12 EDITION 3
SERIES 1501 COMPANION SHEET IS EDITION 2

POPULATED PLACES

First importance: **PRETORIA**
 Second importance: **PIETERSBURG**
 Third importance: **Standerton**
 Fourth importance: **Alexandria**

ROADS

Dual highway: 4 LANES DUAL
 More than two lanes wide: 4 LANES
 Two lanes wide: 4 LANES
 One lane wide: 4 LANES
 All weather, loose or light surface: 4 LANES
 More than two lanes wide: 4 LANES
 Two lanes wide: 4 LANES
 One lane wide: 4 LANES
 Fair or dry weather, loose surface: 4 LANES
 Track, Trail: 4 LANES
 Route marker: National/Other: 4 LANES

RAILROADS

Normal gauge 1.067 meters (3'6")
 Station, position: known/unknown
 Narrow gauge 0.610 meters (2'0")
 Station, position: known/unknown

BOUNDARIES

International
 First-order administrative division
 Reservation

OTHER FEATURES

Not shown: Landmark feature: Mine
 Horizontal control point: Dam or lock
 Spot elevation: Normal: Critical
 Sand, Distorted surface
 Escarpment: Level
 Swampy or marsh: Intermittent lake: Dry lake
 Well: Spring: Land subject to inundation

VEGETATION

Woods: Scattered trees
 Shrubland, plantation, vineyard; Mangrove

TERRAIN ELEVATIONS

HIGHEST KNOWN elevation is **9760** feet at the following coordinates:
 Geographic: 29°58'S, 28°49'E
 Grid: PS7862

HYDROGRAPHY

Rocks awash
 Pier, breakwater
 Exposed wreck
 Reef
 Limit of danger
 Foreshore flats: Salt evaporator
 Depth curves in feet

AERODROMES (Military or Civil)

Field limits with runway patterns
 EDNA-Name
 50-Length of longest runway to nearest hundreds of feet
 S-Soil 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

HELIPORT

VISUAL 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

RADIO FACILITIES

RADIO RANGE LF/MF
 MULTIPLE RADIO FACILITIES
 CONTROLLED AIRSPACE
 ADIZ: ATLANTIC ADIZ

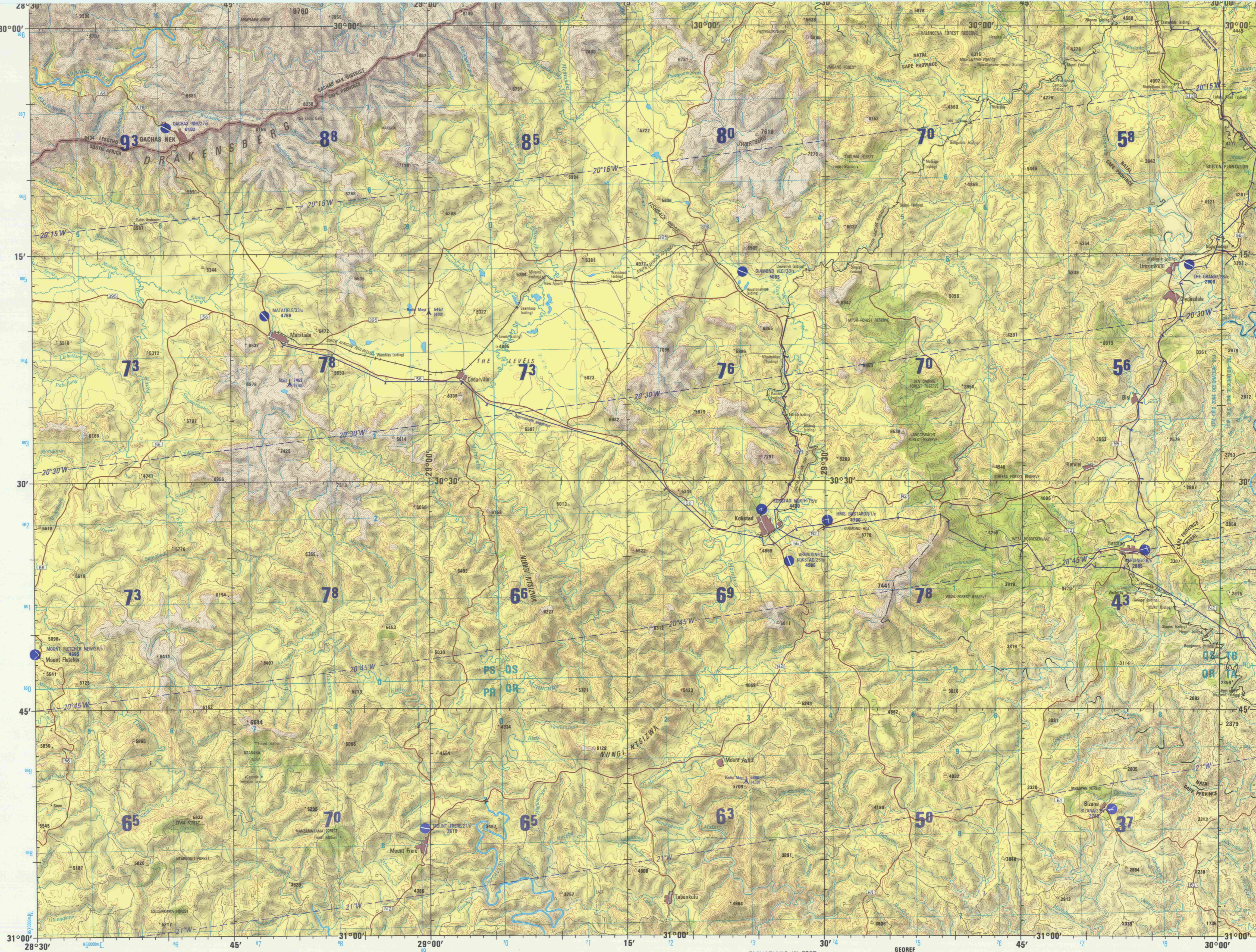
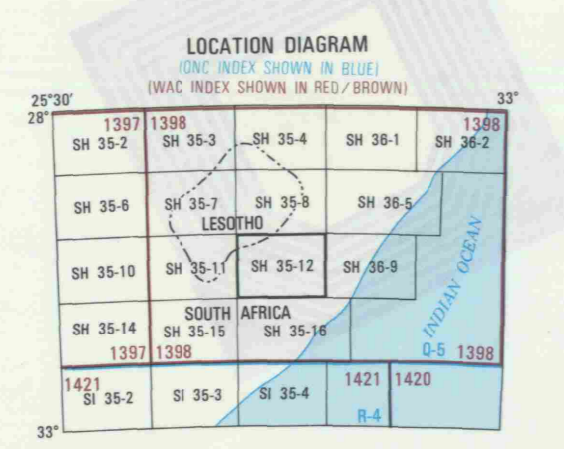
CAUTION
AIR INFORMATION CURRENT THROUGH 30 JULY 1982
 Consult NOTAMS and Flight Information Publications for the latest air information; the DOD Aeronautical Chart Updating Manual or MOD (U.K.) Aeronautical Chart Amendment document, for other chart revision information.

LINE OF EQUAL MAGNETIC VARIATION FOR 1980
 (Annual rate of change 4' decrease)

ATTENTION
 THIS CHART CONTAINS MAXIMUM ELEVATION FIGURES (MEF)
 The Maximum Elevation Figures shown in this chart are indicated by black lines of 1000-foot intervals and 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, towers, antennas, etc.). In case of extensive unreliable relief, the MEF is shown by a note spaced across the area.

125

EXAMPLE: 12,500 feet



Prepared and published by the Defense Mapping Agency
 Hydrographic/Topographic Center, Washington, D. C.
 Compiled 1982

JOINT OPERATIONS GRAPHIC (AIR)

SCALE 1:250,000

ELEVATIONS IN FEET

ELEVATIONS IN FEET

CONTOUR INTERVAL APPROXIMATELY 165 FEET

GEOREF BASIC 15° QUADRANGLE PD

Printed by the Defense Mapping Agency Hydrographic/Topographic Center 9:82

CONVERSION OF ELEVATIONS

FEET	METERS	FEET	METERS
1000	305	10000	3048
900	274	9000	2743
800	244	8000	2438
700	213	7000	2134
600	183	6000	1829
500	152	5000	1524
400	122	4000	1219
300	91	3000	914
200	61	2000	610
150	46	1500	457
100	31	1000	305

NOTES

Only obstructions 200 feet or more above ground level are shown.
 Powerline information and obstructions have been extracted from the most reliable source available. However, there is no assurance that all powerlines and obstructions are shown or that their locations and heights are correct.
 A line is generally considered as being 3.2 meters (10.5 feet) in width on the Freeways and National Routes.
 The reliability of road information is undetermined.
 THE REPRESENTATION OF INTERNATIONAL BOUNDARIES IS NOT NECESSARILY AUTHORITATIVE.

GLOSSARY

Disturbance: mountain, hill
 Division: first-order administrative division
 Kilo: 400
 Meter: mountain, hill
 Mile: first-order administrative division
 Point: first-order administrative division
 River: stream
 Stream: stream
 Thru: mountain, hill

ELEVATION TINTS

FEET
 5005
 2625
 860

RELIABILITY OF THIS GRAPHIC

Compiled from best available source materials.
 Horizontal Datum: Arc 1950
 Vertical Datum: Mean Sea Level
 Transverse Mercator Projection

NOTES

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS FOR IMPROVING THIS PRODUCT TO:
 US: GPO'S DIRECTOR, DEFENSE MAPPING AGENCY, AIRSPACE CENTER, ST. LOUIS, MO, MISSOURI 63114. ATTN: PP
 (UK USERS) DIRECTORATE OF MILITARY SURVEY, MINISTRY OF DEFENCE, LONDON.

Blue numbered lines indicate the 10,000 meter Universal Transverse Mercator Grid, Zone 35, Clarke 1880 spheroid.

NOTES

1. Read across identifying the 100,000 meter contour in which the point lies.
 2. Read top number (under identifying the VERTICALLY) just the left of the point.
 3. Read right number (under identifying the HORIZONTALLY) just the left of the point.
 4. Connect points (1), (2) and (3) to find the point.

EXAMPLE: AB1234

OTHER REPORTING OUTSIDE THE GRID ZONE DESIGNATION AREA IN WHICH THE POINT LIES, PREFIX THE GRID ZONE DESIGNATION.

EXAMPLE: 35AB1234

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SCALE 1:250,000
 KOKSTAD, SOUTH AFRICA; LESOTHO

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