

SERIES 1501 AIR SHEET SH 35-4 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, interchange: 4 LANES DUAL
 All weather, hard surface: 4 LANES
 More than 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
 Route marker: National/Other: 4 LANES

RAILROADS

Normal gauge 1.067 meters (3'6")
 Station, position: knows
 Narrow gauge 0.810 meters (2'0")
 Station, position: unknown

BOUNDARIES

International: ---
 First-order administrative division: ---
 Reservation: ---

OTHER FEATURES

Hill, Knoll, Landmark, Feature, Mine: ---
 Horizontal control point: Dam or lock: ---
 Spot elevation: Normal, Critical: ---
 Sand, Disturbed surface: ---
 Escarpment, Levee: ---
 Swamp or marsh, Intermittent lake, Dry lake: ---
 Well, Spring, Land subject to inundation: ---

VEGETATION

Woods, Scattered trees: ---
 Orchard, plantation, vineyards, Mangrove: ---

TERRAIN ELEVATIONS

HIGHEST KNOWN ELEVATION: 11073 feet at the following coordinates:
 Geographic: 28°51'S, 28°48'E
 Grid: PU7807

HYDROGRAPHY

Rocks, wash: ---
 Pier, breakwater: ---
 Exposed track: ---
 Reef: ---
 Limit of danger: ---
 Foreshore flats: Salt evaporator: ---
 Depth curves in feet: ---

AERODROMES (Military or Civil)

Field limits with runway pattern: EDNA/50/4 725
 50-Length of longest runway to nearest hundreds of feet
 S-Soft 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: 1108 (259)
 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: ---

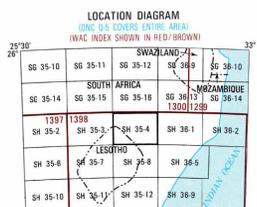
RADIO FACILITIES

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

CAUTION
AIR INFORMATION CURRENT THROUGH
 24 JUNE 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.

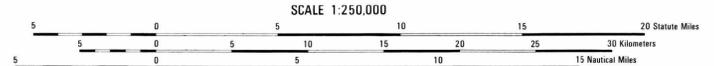
LINE OF EQUAL MAGNETIC VARIATION FOR 1980
 (Annual rate of change 5' decrease)

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 by FIGURES and NUMBERS of feet above mean sea level. The MEF is based on information available concerning the highest known feature in each quadrangle (tower, antenna, etc.). In areas 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)



CONTOUR INTERVAL APPROXIMATELY 165 FEET

BLUE NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 35, CLARKE 1880 SPHEROID

USERS SHOULD REFER TO CORRECTIONS, ADDITIONS, AND COMMENTS TO THE NIMA CUSTOMER HELP DESK: 1-800-455-8999, COMMERCIAL 301-380-8002, 20314-480-8002, OR WRITE TO: DIRECTOR, NATIONAL MAPPING AND CHARTING AGENCY, ATTN: CDD, MAIL STOP P-57, 4801 SANGAMORE ROAD, BETHESDA, MD 20815-5002

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

SAMPLE 1000 METER GRID COORDINATE

1. Read across identifying the 100,000 meter square in which the point lies. **AD**

2. Read large number indicating the vertical grid line to the left of point. **103**

3. Read large number indicating the horizontal grid line to the right of point. **351**

4. Read small number indicating the 1000 meter square grid line to the right of point. **351**

5. Read small number indicating the 1000 meter square grid line to the right of point. **351**

GRID COORDINATE: **AD103351**

GLOSSARY

Berg	mountain
Dam	dam
District	first-order administrative division
Kop	mountain, hill
Koppie	hill, mountain
Nak	colony, pass
River	stream
Spruit	stream

ELEVATION TINTS

FEET	TINT
9845	[Lightest tint]
9005	[Light tint]
2625	[Medium tint]
660	[Darkest tint]

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

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SCALE 1:250,000
LADYSMITH, SOUTH AFRICA, LESOTHO
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