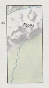
GNC 22

EDITION 5

LEGEND

AREA TINTS



Hilly and mountainous areas.

Valleys & relatively level areas (green)

SPOT ELEVATIONS

Maximum vertical error 100 feet 0000

Maximum possible vertical error 250 feet x0000

Approximate or doubtful location maximum possible vertical error unknown. 0000

Critical elevation. 0000

Lake. 0000

TRANSPORTATION

Railroads

Dual Lane Highways

Roads

Operational Navigation Chart series indicated thus: H-1

World Aeronautical Chart series indicated thus: 699

Universal Water Charts indicated thus: 8/12

NOTES

THE REPRESENTATION OF INTERNATIONAL BOUNDARIES ON THIS CHART IS NOT NECESSARILY AUTHORITATIVE.

AERONAUTICAL INFORMATION

AERODROMES

Pattern shown when longest runway is 4000' or over

Dot indicates Geographical Location of Aerodrome.

LANDPLANE

◎ Military

○ Civil

◎ Joint Civil and Military

○ Landing Area

RADIO FACILITIES

VHF OMNI RANGE(VOR). . ⊙

VORTAC. . . . .

TACAN. . . . .

VOR with DME. . . . .

Other Facilities. . . . . ○

SPECIAL USE AIRSPACES

▨ P-16 Prohibited Area

☐ D-4 Alert, Caution, Danger, Restricted or Warning

Number indicates Internationally recognized numerical identification.

All Special Use Airspace is portrayed in the body of this chart with the following exceptions:

1. Those that are activated by NOTAM
2. Those below 10,000 feet

MISCELLANEOUS

△ . . . . Radio Tower 1500' above ground

▲ Compulsory reporting point.

CONVERSION OF ELEVATIONS

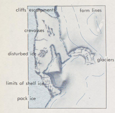
FEET (Thousands)	METERS (Thousands)
30	9
0	0

Lines of constant grid variation. (isogriv) — GV 10°W —

CONVERGENCE TABLE

LONG.	CONV.
0°	0°00'
1°	0°47'
2°	1°34'
3°	2°21'
4°	3°08'
5°	3°56'
6°	4°43'
7°	5°30'
8°	6°17'
9°	7°04'
10°	7°51'
11°	8°38'
12°	9°25'
13°	10°13'
14°	11°00'
15°	11°47'
16°	12°34'
17°	13°21'
18°	14°08'
19°	14°55'
20°	15°42'
21°	16°30'
22°	17°17'
23°	18°04'
24°	18°51'
25°	19°38'
26°	20°25'
27°	21°12'
28°	21°59'
29°	22°47'
30°	23°34'
31°	24°21'
32°	25°08'
33°	25°55'
34°	26°42'
35°	27°29'
36°	28°16'
37°	29°03'
38°	29°51'
39°	30°38'
40°	31°25'
41°	32°12'
42°	32°59'
43°	33°46'
44°	34°33'
45°	35°20'
46°	36°08'
47°	36°55'
48°	37°42'
49°	38°29'
50°	39°16'
51°	40°03'
52°	40°50'
53°	41°37'
54°	42°25'
55°	43°12'
56°	43°59'
57°	44°46'
58°	45°33'
59°	46°20'
60°	47°07'
61°	47°54'
62°	48°42'
63°	49°29'
64°	50°16'
65°	51°03'
66°	51°50'
67°	52°37'
68°	53°24'
69°	54°11'
70°	54°58'
71°	55°46'
72°	56°33'
73°	57°20'
74°	58°07'
75°	58°54'
76°	59°41'
77°	60°28'
78°	61°15'
79°	62°03'
80°	62°50'
81°	63°37'
82°	64°24'
83°	65°11'
84°	65°58'
85°	66°45'
86°	67°32'
87°	68°20'
88°	69°07'
89°	69°54'
90°	70°41'
91°	71°28'
92°	72°15'
93°	73°02'
94°	73°49'
95°	74°36'
96°	75°24'
97°	76°11'
98°	76°58'
99°	77°45'
100°	78°32'
101°	79°19'
102°	80°06'
103°	80°53'
104°	81°41'
105°	82°28'
106°	83°15'
107°	84°02'
108°	84°49'
109°	85°36'
110°	86°23'
111°	87°10'
112°	87°58'
113°	88°45'
114°	89°32'
115°	90°19'
116°	91°06'
117°	91°53'
118°	92°40'
119°	93°27'
120°	94°15'
121°	95°02'
122°	95°49'
123°	96°36'
124°	97°23'
125°	98°10'
126°	98°57'
127°	99°44'
128°	100°31'
129°	101°19'
130°	102°06'
131°	102°53'
132°	103°40'
133°	104°27'
134°	105°14'
135°	106°01'
136°	106°48'
137°	107°36'
138°	108°23'
139°	109°10'
140°	109°57'
141°	110°44'
142°	111°31'
143°	112°18'
144°	113°05'
145°	113°53'
146°	114°40'
147°	115°27'
148°	116°14'
149°	117°01'
150°	117°48'
151°	118°35'
152°	119°22'
153°	120°10'
154°	120°57'
155°	121°44'
156°	122°31'
157°	123°18'
158°	124°05'
159°	124°52'
160°	125°39'
161°	126°26'
162°	127°14'
163°	128°01'
164°	128°48'
165°	129°35'
166°	130°22'
167°	131°09'
168°	131°56'
169°	132°43'
170°	133°31'
171°	134°18'
172°	135°05'
173°	135°52'
174°	136°39'
175°	137°26'
176°	138°13'
177°	139°00'
178°	139°48'
179°	140°35'
180°	141°22'

ANTARCTIC LEGEND


cliffs escarpments
form lines
crevasses
disturbed ice
glaciers
limits of shelf ice
pack ice

ELEVATIONS

Elevation and position accurate, maximum vertical error 100 feet. 0000

Position accurate, maximum possible error undetermined. . . . . x 0000

Approximate or doubtful locations are indicated by omission of point locator (dot or x). 0000

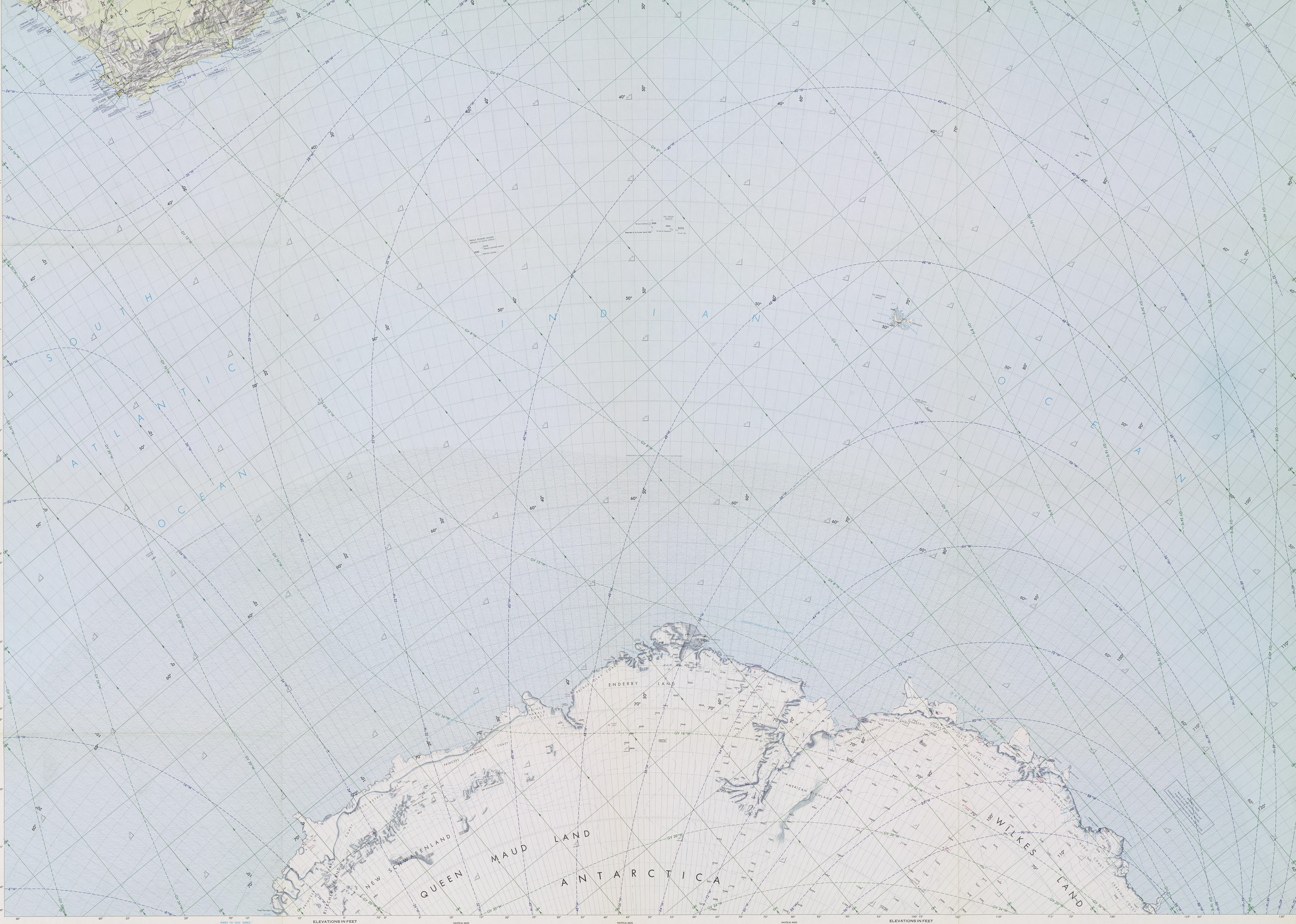
Critical. 0000

STATIONS

Operating. . . . . ⊙

Refuge. . . . . ■

The U.S. does not recognize any claims to sovereignty in Antartica or territory South of 60° south latitude, either for itself or by any other country. Nations operating stations in Antarctica are designated; no claim is intended.


AFRICA
NAMIBIA
TAFELBERG
VOR DME
CAPE TOWN
SOUTH ATLANTIC OCEAN
INDIAN OCEAN
ANTARCTICA
QUEEN MAUD LAND
NEW SCHWABENLAND
RITSCHER UPLAND
SVERDRUP
PRINCESS
Cape Norvegia
Seal Bay
ENDERBY LAND
KEMP COAST
AMERICAN HIGHLAND
WILKES LAND
SABRINA COAST
GV 0°
GV 8°W
GV 12°W
GV 16°W
GV 20°W
GV 24°W
GV 28°W
GV 16°E
GV 40°E
8°W
16°W
24°W
26°W
32°W
40°W
48°W
56°W
64°W
72°W
80°W
88°W
96°W
30°
40°
50°
60°
70°
5°
10°
15°
20°
25°
30°
35°
40°
45°
50°
55°
60°
65°
70°
75°
80°
85°
90°
95°
100°
105°
110°
115°
120°
125°
130°

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EDITION 5

Lithographed by DMAAC 4-80

CAUTION

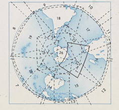
AIR INFORMATION CURRENT THROUGH 8 NOVEMBER 1979

Consult Notices to Airmen (NOTAMs) and Flight Information Publications (FLIPs) for the latest air information; the Chart Updating Manual (CHUM) for other chart revision information.

LINES OF EQUAL MAGNETIC VARIATION FOR 1975

Prepared and published by the Defense Mapping Agency Aerospace Center, St. Louis Air Force Station, Missouri 63118.
Compiled December 1963. Revised February 1980.

INDEX TO GNC SERIES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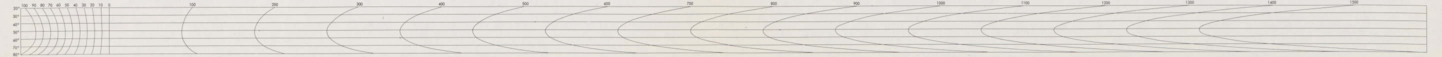
ELEVATIONS IN FEET


NAUTICAL MILES
20°
30°
40°
50°
60°
70°
80°
100
90
80
70
60
50
40
30
20
10
0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
ELEVATIONS IN FEET

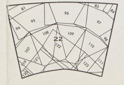
LAMBERT CONFORMAL CONIC PROJECTION
STANDARD PARALLELS
37°00' and 65°00'
Convergence Factor .78535

GLOBAL NAVIGATION AND PLANNING CHART

HARBOR FACILITIES

Logistic planners may obtain complete detailed information on port facilities and freight handling capacities for shipping in H.O. Pub. No. 150, World Port Index (UNCL), published by the Defense Mapping Agency Hydrographic Center.

INDEX TO JNC COVERAGE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GNC 22

EDITION 5