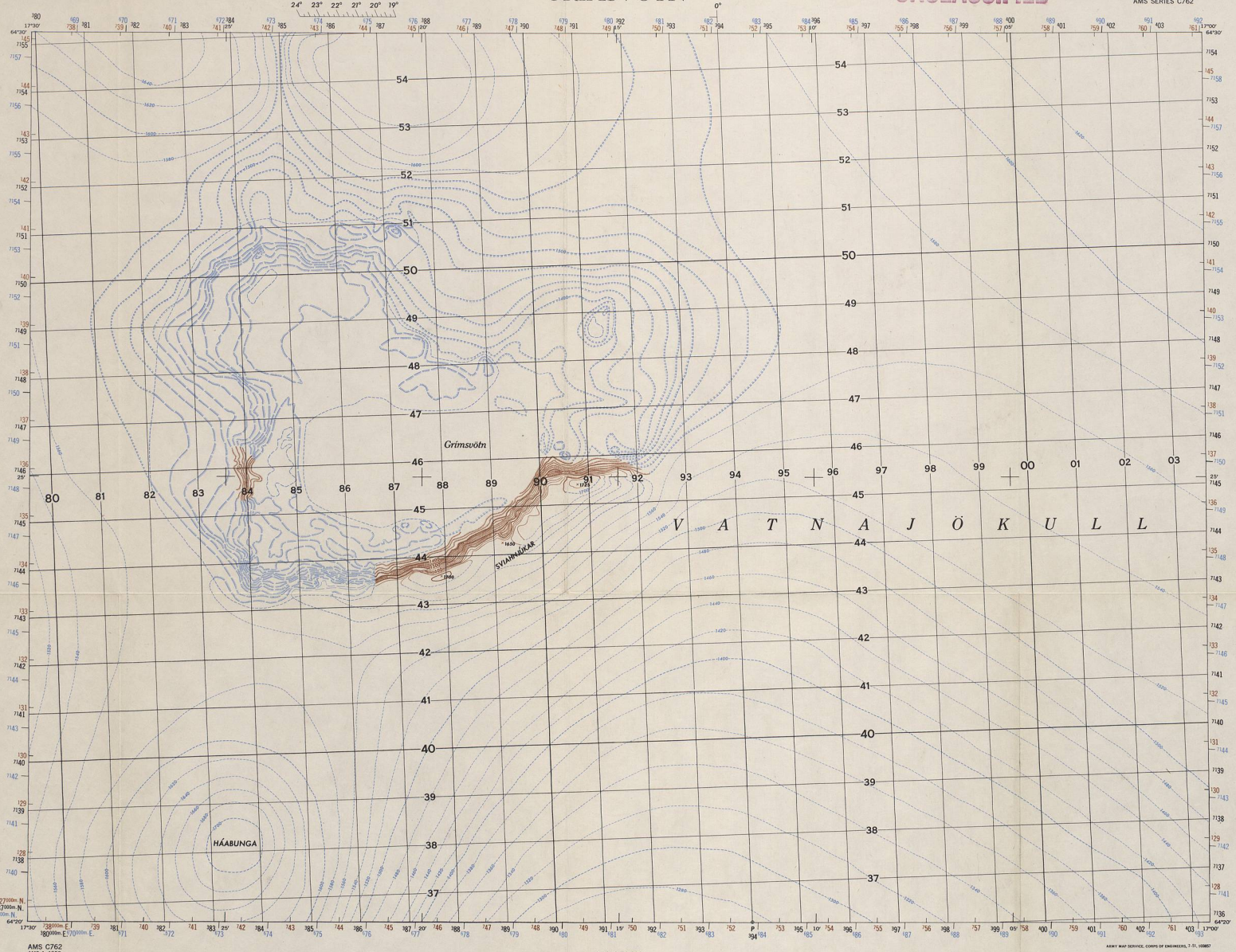
ICELAND 1:50,000

# GRÍMSVÖTN

AMS 1

~~UNCLASSIFIED~~ ~~RESTRICTED~~

SHEET 5920 II
AMS SERIES C762




## GLOSSARY

| | |
|---|---|
| bunga | rounded mountain, hump, dome |
| hnjúkar | peaks |
| hreppur | civil parish |
| jökull | glacier, icecap |
| sýsla | province or district |
| vötn | lakes, large rivers |

COVERAGE DIAGRAM

COMPILATION METHODS

Photo-diazo | Photo-planimetric

Iceland, 1:100,000, Geodetisk Institut, (controlled ground survey, reliability fair): A. 76, 1945
B. 86, 1945
Dates of aerial photography: 1-1945; 2-1946.

ARMY MAP SERVICE, CORPS OF ENGINEERS, 7-57, 103857

AMS C762
AMS 1, 1950

Prepared by the Army Map Service (AM), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1949 by photogrammetric (multiplex) and photo-planimetric methods by reference to Iceland 1:100,000, Geodætisk Institut, 76 and 86, 1945. Aerial photography Aug. 1945 and Aug.-Oct. 1946. Map not field checked. Names are taken directly from the Icelandic sheets, except that dh has been used for ð, Dh for Þ, þ and ae for æ, Æ.

Boundaries are indeterminate on this sheet.

Scale 1:50,000

1 0 1 2 3 Miles
1000 500 0 1000 2000 3000 4000 Meters
1000 500 0 1000 2000 3000 4000 Yards

~~UNCLASSIFIED~~ ~~RESTRICTED~~

CONTOUR INTERVAL 20 METERS
VERTICAL DATUM IS BASED ON MEAN SEA LEVEL.

SECURITY INFORMATION

TRANSVERSE MERCATOR PROJECTION
HORIZONTAL DATUM IS BASED ON THE ASTRONOMIC STATION OF REYKJAVIK:
21°59'51.19" WEST OF GREENWICH, 64°08'31.80" NORTH

BLACK NUMBERED LINES INDICATE THE 1,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 28, INTERNATIONAL SPHEROID
BLUE NUMBERED TICKS OUTSIDE THE NEATLINE INDICATE THE 1,00 METER UNIVERSAL TRANSVERSE MERCATOR GRID ZONE 27, INTERNATIONAL SPHEROID
BROWN NUMBERED TICKS INSIDE THE NEATLINE INDICATE THE 1,00 METER ICELAND ZONE GRID
THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED

USERS NOTING ERRORS OR OMISSIONS ON THIS MAP ARE URGED TO MARK HEREON AND FORWARD DIRECTLY TO COMMANDING OFFICER, ARMY MAP SERVICE, WASHINGTON, D. C. MAPS SO FORWARDED WILL BE RETURNED OR REPLACED IF DESIRED.

GRID DECLINATION FOR CENTER OF THE SHEET FOR THE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 27, 3°28' OR 36 MILS EAST

APPROXIMATE MEAN DECLINATION 1950 FOR CENTER OF SHEET
ANNUAL MAGNETIC CHANGE 9' EASTERLY

*Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale of the north edge of the map.*

| GRID ZONE DESIGNATION: 28W | TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS |
|---|---|
| 100,000 M. SQUARE IDENTIFICATION: CS, DS | SAMPLE POINT: INTERSECTION 64°15'N 17°W<br>1. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself: 51<br>Estimate tenths from grid line to point: 6<br>2. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself: 42<br>Estimate tenths from grid line to point: 5 |
| IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number; example: 713 7000 | SAMPLE REFERENCE: 51656<br>If reporting beyond 100,000 meters or if sheet bears an overlapping grid, prefix 100,000 Meter Square Identification, as: CS51656<br>If reporting beyond 9°N-S or 18°E-W, prefix Grid Zone Designation, as: 28WCS51656 |

INDEX TO ADJOINING SHEETS

| | | |
|---|---|---|
| 5920 IV | 5820 I | 6020 IV |
| 5920 III | 5920 II | 6020 III |
| 5919 IV | 5919 I | 6019 IV |

GRÍMSVÖTN, ICELAND
N6420-W1700/10x30

## LEGEND

ROADS
- Hard surface, all weather road, more than two lanes wide
- Hard surface, all weather road, two lanes wide
- Hard surface, all weather road, less than two lanes wide
- Loose surface, graded, all weather road
- Loose surface, dry weather, or dirt road
- Track or trail

BOUNDARIES
- Sýsla
- Hreppur
- Horizontal control point △
- Spot elevation in meters *168
- Prominent lava flows
- Glacier; Snowfield
- Glacial outwash
- Moraine

- Built-up area
- Church; School
- Located object
- Deserted farm, small ruins; Sheepfold
- Cliff
- Ravine; Crevice
- Gravel, rocky ground and pebbles
- Depth curves in fathoms
- Soundings in fathoms
- Sunken rocks; Foreshore flats
- Rocks awash at low tide
- Reef; Limit of danger line
- Submerged reef
- Wharf; pier; Seawall
- Swamp; Falls; Rapids

No woods or brushwood appear on this sheet