



V502, EDITION 4
 Prepared by the U.S. Army Topographic Command (CGSC), Washington, D.C. Compiled in 1955 by photogrammetric methods and from United States quadrangles 1:50,000, 1952. Planimetry revised from aerial photographs taken 1952. Photographs field annotated 1954. Revised by the U.S. Geological Survey 1970.
 Location of geodetic control established by government agencies is shown on corresponding 1:250,000-scale Geodetic Control Diagram

LEGEND

Figures in red denote approximate distances in miles between stars

POPULATED PLACES

Over 500,000
 100,000 to 500,000
 25,000 to 100,000
 5,000 to 25,000
 1,000 to 5,000
 Less than 1,000

ROADS

Primary, all-weather, hard surface
 Secondary, all-weather, hard surface
 Light-duty, all-weather, hard or improved surface
 Fair or dry-weather, unimproved surface
 Trail

RAILROADS

Single track
 Double or Multiple
 Standard gauge
 Narrow gauge
 Landplane airport
 Landing area

BOUNDARIES

International
 State
 County
 Park or reservation

Other Features

Route markers: Interstate, U.S., State
 Mine
 Landmark: School, Church, Other
 Spot elevation in feet
 Marsh or swamp
 Intermittent or dry stream
 Power line

Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 20 25 30 Nautical Miles

CONTOUR INTERVAL 200 FEET

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 11

MAGNETIC DECLINATION FOR 1970 IS 15°56' (270 MILS) EASTERLY OVER THE ENTIRE AREA

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR WASHINGTON, D.C. 20242

LOCATION DIAGRAM

111	112	113	114	115	116	117	118	119	120	121	122
111	112	113	114	115	116	117	118	119	120	121	122
111	112	113	114	115	116	117	118	119	120	121	122
111	112	113	114	115	116	117	118	119	120	121	122
111	112	113	114	115	116	117	118	119	120	121	122

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

GRID ZONE DESIGNATION

11S

TO OBTAIN A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 METERS

EXAMPLE POINT: CRYSTAL SPRINGS

1. Read left margin, identifying 100,000 meter square in which point lies.

2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, as on the line itself.

3. Estimate meters from grid line to point. Estimate meters from grid line to point, as on the line itself.

4. Add the two figures to obtain the 1000 meter reference.

EXAMPLE REFERENCE: 11S 111 112 113 114 115 116 117 118 119 120 121 122

TO OBTAIN A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1,000 METERS

EXAMPLE POINT: CRYSTAL SPRINGS

1. Read left margin, identifying 100,000 meter square in which point lies.

2. Locate first HORIZONTAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, as on the line itself.

3. Estimate meters from grid line to point. Estimate meters from grid line to point, as on the line itself.

4. Add the two figures to obtain the 1000 meter reference.

EXAMPLE REFERENCE: 11S 111 112 113 114 115 116 117 118 119 120 121 122

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 1954
 REVISED 1970
 JAN 12 1973
 U.S. GEOLOGICAL SURVEY