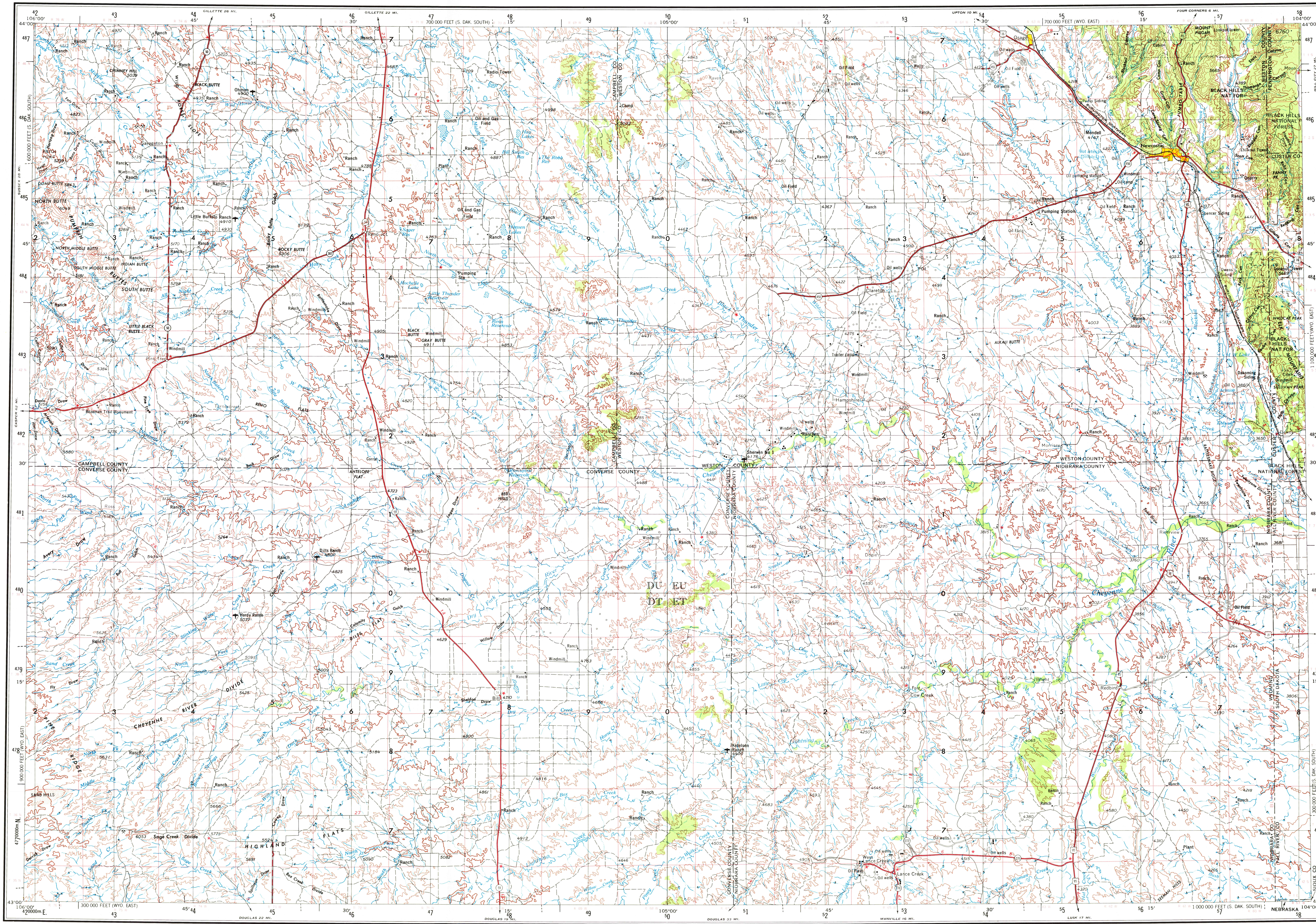
NEWCASTLE

EDITION 3

NK 13-2
SERIES V502



V502, EDITION 3

Prepared by the U. S. Army Topographic Command (ASART), Washington, D. C. Compiled in 1955 by photogrammetric methods and from United States quadrangles, 1:24,000 and 1:25,000, 1899–1953. Planimetry revised from aerial photographs taken 1954. Photographs field annotated 1955. Revised in 1975 by the U. S. Geological Survey from aerial photographs taken 1974.

100,000-foot grids based on Wyoming coordinate system, east zone, and South Dakota coordinate system, south zone

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 — LOS ANGELES
- 100,000 to 500,000 — OMAHA
- 25,000 to 100,000 — GALVESTON
- 5,000 to 25,000 — Durango
- 1,000 to 5,000 — Grand Coulee
- Less than 1,000 — Sun Valley

RAILROADS (Single track, Double or Multiple)
- Standard gauge
- Narrow gauge

BOUNDARIES
- International
- State
- County
- Park or reservation

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
- Interchange

Route markers: Interstate, U.S., State — 95 29 193

- Landplane airport
- Landing area
- Seaplane airport
- Dry lake
- Woods-brushwood
- Landmark: School; Church; Other
- Mine
- Spot elevation in feet — .221
- Marsh or swamp
- Intermittent or dry stream
- Power line

Scale 1:250,000

5 0 5 10 15 20 Statute Miles

5 0 5 10 15 20 25 30 Kilometres

5 0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET
TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METRE UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 13

1975 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 14° (250 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 13° (230 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

LOCATION DIAGRAM

BILLINGS NL 12-9	HARDIN NL 13-7 MONTANA	EKALAKA NL 13-8	LEMMON NORTH NL 13-9	MC INTOSH DAKOTA NL 14-7
CODY NL 12-12	SHERIDAN NL 13-10	NL 13-11 GILLETTE	SOUTH NL 13-12 RAPID CITY	DAKOTA NL 14-10 PIERRE
THERMOPOLIS NK 12-3 WYOMING	NK 13-1 ARMINTO	NEWCASTLE NK 13-2	NK 13-3 HOT SPRINGS	NK 14-1 MARTIN
LANDER NK 12-6	CASPER NK 13-4	NK 13-5 TORRINGTON	NK 13-6 ALLIANCE	VALENTINE NK 14-4 NEBRASKA
ROCK SPRINGS NK 12-9	RAWLINS NK 13-7	NK 13-8 CHEYENNE	SCOTTSBLUFF NK 13-9	NK 14-7 NORTH PLATTE

110° 46° 100° 41°

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

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1976

GRID ZONE DESIGNATION: 13T

100,000 M. SQUARE IDENTIFICATION

DU	EU
DT	ET

480 50

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: 4770000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES

SAMPLE POINT: WINDMILL

1. Read letters identifying 100,000 metre square in which the point lies: DU
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figure labeling the line either in the top or bottom margin, or on the line itself: 7
Estimate tenths from grid line to point: 2
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figure labeling the line either in the left or right margin, or on the line itself: 3
Estimate tenths from grid line to point: 3

SAMPLE REFERENCE: DU7233

If reporting beyond 18° in any direction, prefix Grid Zone Designation, as: 13TDU7233

NEWCASTLE, WYO.; S. DAK.; NEB.
1955
REVISED 1975

STOCK NO. V502XNK132***03

OCT 20 1976

USGS
Historical File
Topographic Division

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