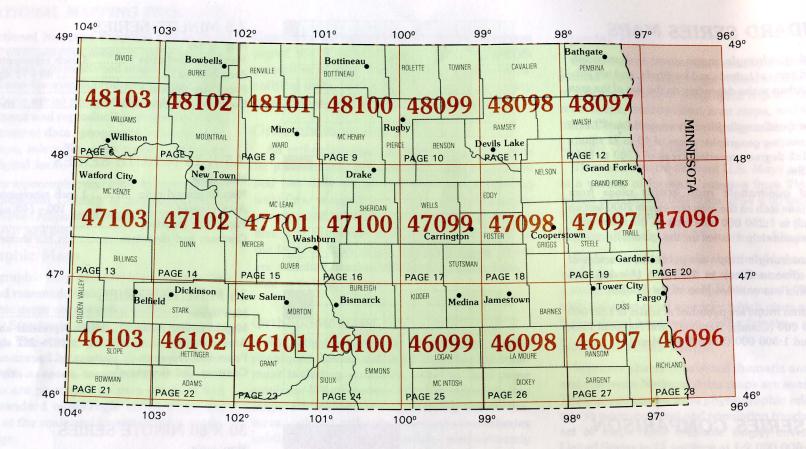
30 X 60 MINUTE SERIES 1:100 000 SCALE

30'	48104-E1 PLENTYWOOD	48103-E1 CROSBY	48102-E1 KENMARE	48101-E1 MOHALL	48100-E1 BOTTINEAU	48099-E1 ROCK LAKE	48098-E1 LANGDON	48097-E1 CAVALIER		30'
.8°	48104-A1 CULBERTSON	48103-A1 WILLISTON	48102-A1 STANLEY	48101-A1 MINOT	48100-A1 VELVA	48099-A1 LEEDS	48098-A1 DEVILS LAKE	48097-A1 GRAFTON		48
10'	47104-E1 SIDNEY	47103-E1 WATFORD CITY	47102-E1 PARSHALL	47101-E1 GARRISON	47100-E1 DRAKE	47099-E1 NEW ROCKFORD	47098-E1 STUMP LAKE	47097-E1 GRAND FORKS	47096-E1 CROOKSTON	30
0	47104-A1 GLENDIVE	47103-A1 GRASSY BUTTE	47102-A1 KILLDEER	47101-A1 HAZEN	47100-A1 MC CLUSKY	47099-A1 CARRINGTON	47098-A1 COOPERSTOWN	47097-A1 HILLSBORO	47096-A1 ADA	4
,,	46104-E1 WIBAUX	46103-E1 BELFIELD	46102-E1 DICKINSON	46101-E1 GLEN ULLIN	46100-E1 BISMARCK	46099-E1 STEELE	46098-E1 JAMESTOWN	46097-E1 CASSELTON	46096-E1 FARGO	3
,	46104-A1 BAKER	46103-A1 BOWMAN	46102-A1 MOTT	46101-A1 ELGIN	46100-A1 LINTON	46099-A1 WISHEK	46098-A1 LAMOURE	46097-A1 LISBON	46096-A1 WAHPETON	
	45104-E1 EKALAKA	45103-E1 CAMP CROOK	45102-E1 LEMMON	45101-E1 MC INTOSH	45100-E1 MOBRIDGE	45099-E1 EUREKA	45098-E1 ELM RIVER	45097-E1 SISSETON	45096-E1 WHEATON	

See CATALOG OF PUBLISHED MAPS for available maps, dates, prices, and Map Order Forms



TO LOCATE GENERAL AREA OF INTEREST

Refer to the State location map (above) which is shown divided into 1 degree blocks of latitude and longitude, with each block identified with its origin at the southeast corner.

Example: Carrington is located in block 47099 (47° latitude and 99° longitude) which is shown in detail on page 17.

For intermediate-scale (1:50 000-1:100 000) and small-scale (1:250 000 and smaller) map coverage see pages 29-32.

For map coverage outside North Dakota see adjoining State indexes.

INFORMATION PAMPHLET

The Geological Survey has available a pamphlet titled "Topographic Maps", which includes symbols, to assist map users in selecting the kind and scale of map best suited to their needs. This pamphlet can be obtained without cost from Map Distribution, U.S. Geological Survey.

TO LOCATE SPECIFIC AREA OF INTEREST

1. Refer to the State diagram shown on the opposite page to locate the block covering your general area of interest

Example: General area of

interest-Carrington

2. Refer to the page indicated in the block to locate your *specific area* of interest

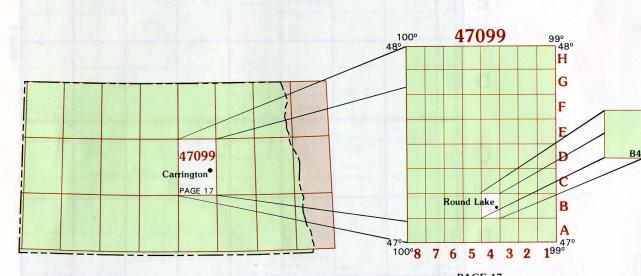
Example: Specific area of interest-Round Lake

3. Refer to the coded list of available maps for the name of the map you desire. Refer to the *Catalog of Published Maps* for the dates of available maps

> Example: Name of map desired—Woodworth NW

7.5 MINUTE QUADRANGLE NAMES

A1 **Goldwin SE** E1 New Rockford SE E2 Barlow A2 **Goldwin SW** E3 Cathav SE A3 Pearl Lake Cathav A4 Lake Louise **E4** Emrick A5 Pettibone **E5** Fessenden SW A6 Kunkel Lake **E6** Horsehead Lake E7 Manfred SE A7 **Tuttle SW E8** Manfred SW **A8 B1** Vashti F1 New Rockford NE **B2** Goldwin F2 New Rockford **B3** Woodworth F3 Munster F4 Bremen **B4** Woodworth NW **B5** Lake Williams F5 Fessenden East **B6 Des Moines Lake** Fessenden West **F6 B7** Robinson **F7** Manfred Manfred NW **B8** Tuttle **F8 C1** Melville G1 Sheyenne Oberon SW C2 **Carrington SW** G2 Flora SE **C3 Hawks Nest** G3 **Black Hammer Hill** C4 Sykeston SW G4 C5 Bowden SE **G5** Hamberg Wagon Wheel Hill **C6 G6** Heimdal **C7** Willow Lake **G7** Wellsburg Senior Lake **G8** Harvey **C8 Crow Hill D1 Carrington East** H1 D2 **Carrington West** H2 Oberon D3 Dover H3 Josephine D4 Sykeston H4 Flora Maddock Heaton H5 **D5** D6 Bowden H6 Hesper H7 Selz NE D7 Chaseley **H8** Selz NW D8 Hurdsfield



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Each 1-degree block is divided into 64 7.5-minute quadrangle areas, each identified by an alpha-numeric code. The quadrangle name appears opposite the code