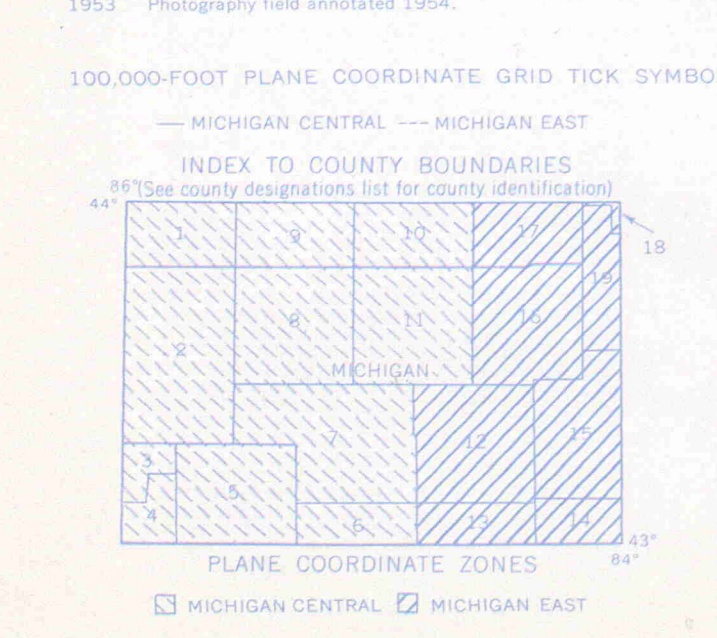


Base prepared by the Army Map Service (AGS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USGS and USC&GS. Aerial photography 1953. Photography field annotated 1954.



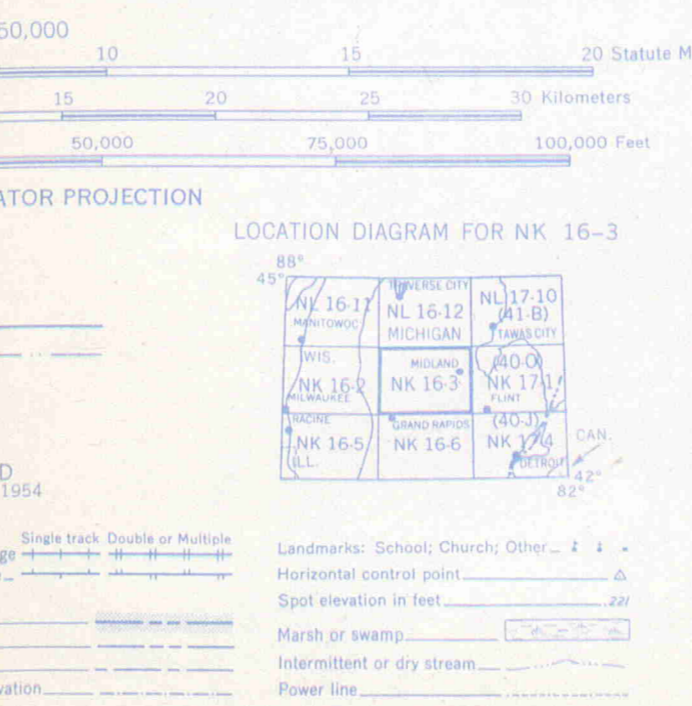
- Coast & Geodetic Survey**
- Monumented Point - First Order
 - Monumented Point - Second Order
 - Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Leveling Third Order
- Geological Survey**
- Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Leveling Third Order

- Coast & Geodetic Survey**
- First Order
 - Second Order
 - Third Order
- Geological Survey**
- First Order
 - Second Order
 - Third Order
- STATE SURVEY CONTROL**
- Horizontal or Vertical

SECTIONIZED TOWNSHIP

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

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY



COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

1	9	10	17
43 085 4	43 085 1	43 084 4	43 084 1
2	8	13	16
43 085 3	43 085 2	43 084 3	43 084 2
4	5	6	14

GEOLOGICAL SURVEY
FIFTEEN MINUTE QUADRANGLE DESIGNATION

INDEX TO COUNTY BOUNDARIES

1	9	10	17
147	146	145	144
2	8	13	16
130	129	128	127
3	7	12	15
114	113	112	111
4	6	11	14
97	96	95	94

- MICHIGAN (Cont.)**
- 91 Cheaning
 - 92 Elsie
 - 93 Fremont
 - 94 Carson City
 - 95 Fenwick
 - 96 Smyrna
 - 97 Cedar Springs
 - 98 Ravenna
 - 99 St. Charles
 - 100 Alma
- 110 Vestaburg
 - 111 Edmore
 - 112 Howard City
 - 113 Genoa
 - 114 Newaygo
 - 115 Freeport
 - 116 Sanford
 - 117 Shephard
 - 118 St. Charles
 - 119 Benoit
- 129 Woodville
 - 130 White Cloud
 - 140 Mt. Pleasant
 - 141 Highland
 - 142 Cloona
 - 143 Loomis
 - 144 Lake
 - 145 Exert
 - 146 Reed-Chey
 - 147 Benoit

U. S. DEPT. OF COMMERCE
 COAST AND GEODETIC SURVEY
 WASHINGTON, D. C.
 FORM - 6471 (1-63)
 DATE REVISED MAY 1970

**INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS**
*by the
 Coast and Geodetic Survey*

PAGE 1
 QUADS 430841-2-3-4 & 430851-2-3-4
 MICH
 LATITUDE 43°00' TO 44°00'
 LONGITUDE 84°00' TO 86°00'
 DIAGRAM NK 16-3 MIDLAND

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
1	CHESANING G M P PACKING CO WATER TANK	430842	1013
2	MIDLAND DOW CHEMICAL CO LARGEST STACK	430841	1007
2	MIDLAND DOW CHEMICAL CO NORTHERN STACK	430841	1008
3	TRANSIT TRAVERSE BM 693 USGS	430843	1005
4	NORTHWEST CORNER CF EZRA HASKINS TOMBSTONE	430842	1011
5	DWOSSG MICHIGAN SUGAR CO STACK	430842	1016
6	ALMA CONSUMERS LIGHT AND POWER CO STACK	430843	1006
6	ALMA MUNICIPAL WATER TANK	430843	1007
7	ST LOUIS GREAT LAKES SUGAR CO BRICK STACK	430843	1008
7	ST LOUIS GREAT LAKES SUGAR CO THIN STACK	430843	1009
8	EDMORE DANISH LUTHERAN CHURCH SPIRE	430852	1008
8	EDWARD HART CANNING CO TALLEST STACK	430852	1009
9	HOWARD CITY WATER TANK	430852	1010
10	FISK KNOB SCENIC LOOKOUT TOWER	430853	1015
11	LUTH CHURCH STEEPLE 1 MI N OF DIETRICH	430853	1017
12	THOMPSON AERONAUTICAL CORP AIRWAY BEACON	430853	1018
13	MIKE HAGLES ESTATE WATER TANK	430842	1015
14	CHESANING MUNICIPAL WATER TANK	430842	1014

KEY NO.	STATION NAME	QUAD. NO.	STATION NO.
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