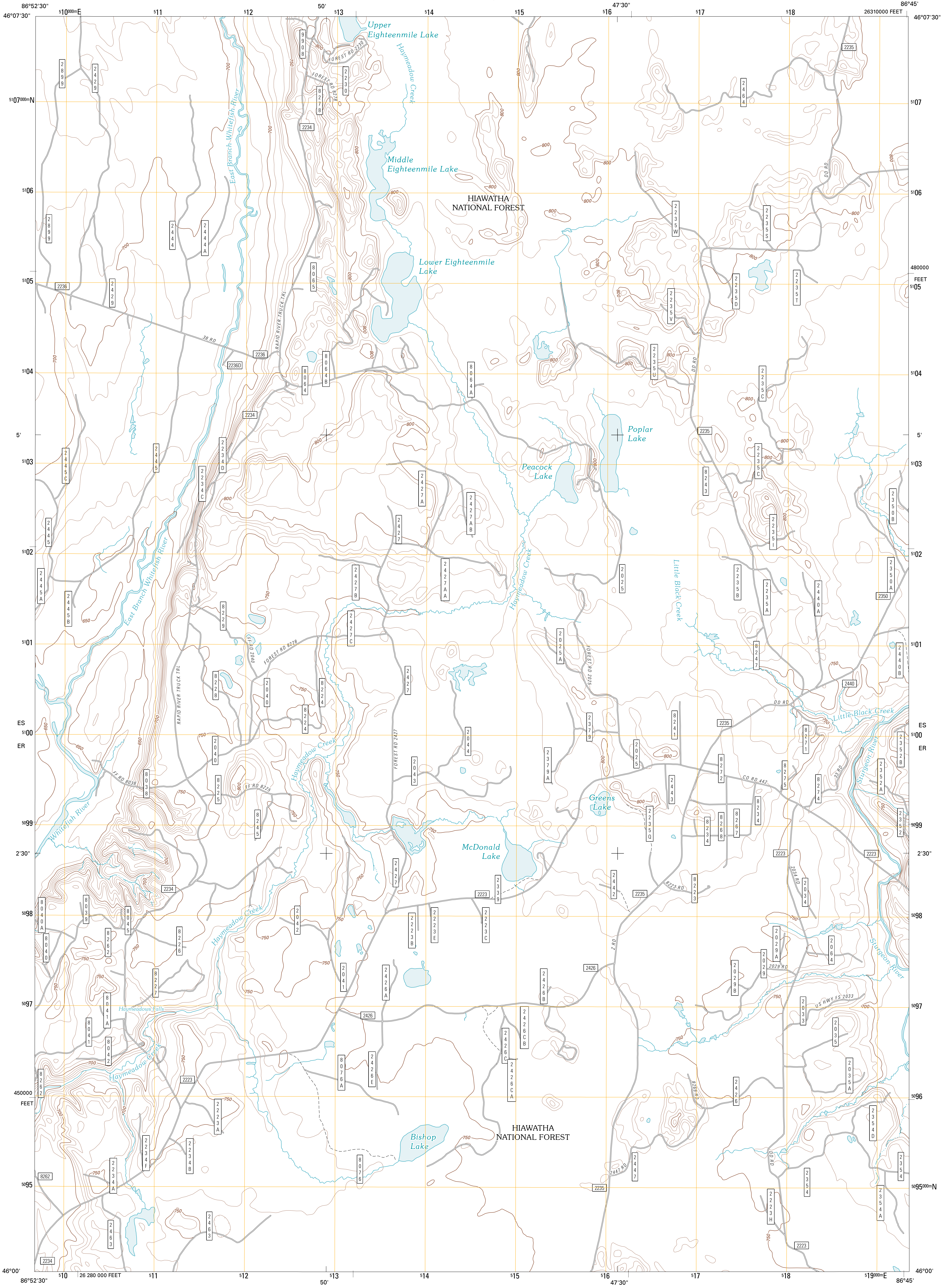
USGS science for a changing world

U.S. DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

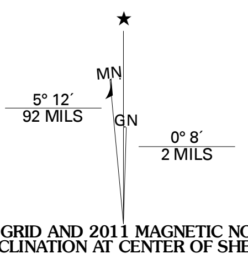
The National Map
US Topo

POPLAR LAKE QUADRANGLE
MICHIGAN-DELTA CO.
7.5-MINUTE SERIES


86°52'30"
46°07'30"
510000mE
511
512
50'
513
514
515
516
47'30"
517
518
26310000 FEET
86°45'
46°07'30"
5107000mN
5106
5105
480000 FEET
5104
5'
5103
5102
5101
ES
5100
ER
5099
2'30"
5098
5097
5096
450000 FEET
5095000mN
46°00'
86°52'30"
510
26 280 000 FEET
511
512
513
50'
514
515
516
47'30"
517
518
519000mE
86°45'
46°00'
Upper Eighteenmile Lake
Middle Eighteenmile Lake
Lower Eighteenmile Lake
Haymeadow Creek
East Branch Whitefish River
Whitefish River
HIAWATHA NATIONAL FOREST
FOREST RD 2230
FOREST RD 8278
38 RD
RAPID RIVER TRUCK TRL
DD RD
Poplar Lake
Peacock Lake
Little Black Creek
FOREST RD 8228
FF RD 2040
FOREST RD 2025
FOREST RD 2427
FF RD 8038
FF RD 8225
Greens Lake
McDonald Lake
CO RD 442
33 RD
Sturgeon River
8223 RD
2034 RD
Z RD
2029 RD
US HWY FS 2033
Haymeadows Falls
8269 RD
2447 RD
Bishop Lake
HIAWATHA NATIONAL FOREST
2234
2236
2236D
2235
2223
2426
2440
2350
8262
700
750
800
650

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 16T
10 000-foot ticks: Michigan Coordinate System of 1983
(north zone)

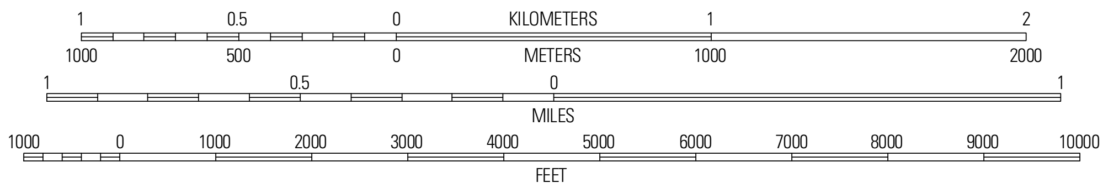
Imagery....................NAIP, July 2009
Roads....................©2006-2010 Tele Atlas
Roads within US Forest Service Lands............FSTopo Data
with limited Forest Service updates, 2009
Names....................GNIS, 2010
Hydrography................National Hydrography Dataset, 2009
Contours....................National Elevation Dataset, 2007
Boundaries.............Census, IBWC, IBC, USGS, 1972 - 2010


MN
GN
5° 12´
92 MILS
0° 8´
2 MILS

UTM GRID AND 2011 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
ES
ER
51 00
Grid Zone Designation
16T

SCALE 1:24 000


1
0.5
0
KILOMETERS
1
2
1000
500
0
METERS
1000
2000
1
0.5
0
MILES
1
1000
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
10000
FEET

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with version 0.5.10
of the USGS US Topo Product Standard.
A metadata file associated with this product is draft version 0.5.16

QUADRANGLE LOCATION

Trenary	Lake Stella	Tie Lake
Baker Creek	Poplar Lake	Waco Lake
Rapid River	Ensign	Saint Jacques

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION

Interstate Route	═	State Route	═
US Route	═	Local Road	═
Ramp	─	4WD	- - - -

Interstate Route · US Route · State Route
FS Primary Route · FS Passenger Route · FS High Clearance Route

Check with local Forest Service unit
for current travel conditions and restrictions.

POPLAR LAKE, MI
2011