

# DNR Statewide Aerial Imagery

Michigan Department of Natural Resources  
Aerial Imagery Archive

The Department of Natural Resources (DNR) has conducted a number of statewide aerial acquisition projects for the purpose of providing a consistent image data source for all land areas and islands in the state. Prior to initiation of the flights, aerial imagery was collected by different organizations for small geographic units such as an individual county, group of counties, or project area. From a statewide perspective, these individual efforts resulted in a fragmented collection of imagery from different years, scales, film types and seasonal time periods. Imagery to support the activities of those user groups whose areas of interest crossed county lines was non-existent. With the financial support of numerous user groups, the forest industries in particular, a standard set of specifications was developed and statewide flights were initiated in 1978. Two additional flights of similar scope have since occurred on a ten-year cycle.

Imagery from all DNR statewide flights was taken during the summer months in order to capture leaf-on foliage conditions for vegetation mapping purposes. Infrared films were used to provide enhanced color and tonal variation in the vegetated areas.

## Upper Peninsula

- Year of coverage: 1997  
Film type: Black-and-white infrared  
Acquisition scale: 1:15,840 (1"=1,320') (1"=1/4 mile)  
Image area: 2 x 2 miles  
Season: Summer
- Year of coverage: 1986  
Film type: Black-and-white infrared  
Acquisition scale: 1:15,840 (1"=1,320') (1"=1/4 mile)  
Image area: 2 x 2 miles  
Season: Summer
- Year of coverage: 1978  
Film type: Color infrared  
Acquisition scale: 1:24,000 (1"=2000')  
Image area: 3 x 3 miles  
Season: Summer

## Northern Lower Peninsula

All areas north of and including the counties of Oceana, Newaygo, Mecosta, Isabella, Midland, and Bay

- Year of coverage: 1998  
Film type: Black-and-white infrared  
Acquisition scale: 1:15,840 (1"=1,320') (1"=1/4 mile)  
Image area: 2 x 2 miles  
Season: Summer
- Year of coverage: 1987  
Film type: Black-and-white infrared

Acquisition scale: 1:15,840 (1"=1,320') (1"=1/4 mile)  
Image area: 2 x 2 miles  
Season: Summer

- Year of coverage: 1978 (a few flight lines taken in Fall, 1977)  
Film type: Color infrared  
Acquisition scale: 1:24,000 (1"=2,000')  
Image area: 3 x 3 miles  
Season: Summer

### **Southern Lower Peninsula**

All areas south of and including the counties of Muskegon, Kent, Montcalm, Gratiot, Saginaw, Tuscola, and Huron

- Year of coverage: 1999  
Film type: Black-and-white infrared  
Acquisition scale: 1:15,840 (1"=1,320') (1"=1/4 mile)  
Image area: 2 x 2 miles  
Season: Summer
- Year of coverage: 1988  
Film type: Black-and-white (panchromatic)  
Acquisition scale: 1:24,000 (1"=2,000')  
Image area: 3 x 3 miles  
Season: Summer
- Year of coverage: 1978  
Film type: Color infrared  
Acquisition scale: 1:24,000 (1"=2,000')  
Image area: 3 x 3 miles  
Season: Summer

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