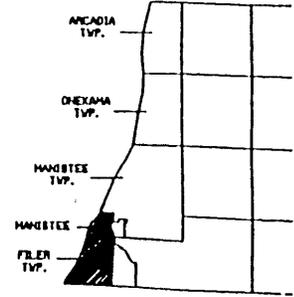


17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1  
**TOWNSHIP**  
**HIGH RISK EROSION AREAS & CRITICAL DUKE AREAS**

MANISTEE COUNTY



**HIGH RISK EROSION AREAS**

THE NUMBER REPRESENTS, IN FEET, THE 30 YEAR PROJECTED RECESSION DISTANCE.  
 THE NUMBER REPRESENTS, IN FEET, THE 90 YEAR PROJECTED RECESSION DISTANCE.  
 HIGH RISK EROSION AREA (shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY THE SHORELANDS PROTECTION AND MANAGEMENT ACT, 1978 P.A. 215, AS AMENDED, AS BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO RECEED AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

**CRITICAL DUKE AREAS**

- BARRIER DUNES**  
BARRIER DUKE FORMATIONS DESIGNATED PURSUANT TO 1976 P.A. 222
- AREAS NOT INCLUDED IN DESIGNATED BARRIER DUKE FORMATIONS THAT ARE COMPOSED PRIMARILY OF DUKE SAND AND EXHIBIT SEVERAL DUKE-LIKE CHARACTERISTICS.**
- EXEMPLARY DUKE ASSOCIATED PLANT COMMUNITIES OUTSIDE DESIGNATED DUKE FORMATIONS. MICHIGAN NATURAL FEATURES INVENTORY REFERENCE CODE INDICATED.**

**SOURCE**  
 STATE OF MICHIGAN ACT 248 RECESSION RATE MAPS & ATLAS OF CRITICAL DUKE AREAS

**INFORMATION**  
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
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