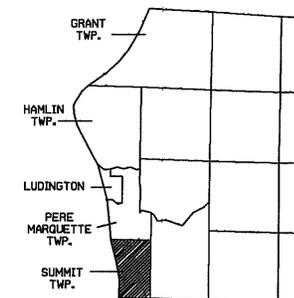


SUMMIT TOWNSHIP

HIGH RISK EROSION AREAS & CRITICAL DUNE AREAS

MASON COUNTY



HIGH RISK EROSION AREAS

THE NUMBER REPRESENTS, IN FEET, THE 50% 30 YEAR PROJECTED RECESSION DISTANCE.
 THE NUMBER REPRESENTS, IN FEET, THE 100% 60 YEAR PROJECTED RECESSION DISTANCE.

HIGH RISK EROSION AREA
 (shading alongshore)

THESE AREAS ARE LEGALLY DEFINED BY PART 323, SHORELANDS PROTECTION AND MANAGEMENT, OF THE NATURAL RESOURCE & ENVIRONMENTAL PROTECTION ACT 1994 PA 451 BEING GREAT LAKES SHORELAND AREAS DOCUMENTED TO REcede AN AVERAGE OF ONE FOOT OR MORE PER YEAR.

CRITICAL DUNE AREAS

BARRIER DUNES
 BARRIER DUNE FORMATIONS DESIGNATED PURSUANT TO PART 353, SAND DUNE PROTECTION & MANAGEMENT, OF THE NATURAL RESOURCE & ENVIRONMENTAL PROTECTION ACT 1994 PA 451.

AREAS NOT INCLUDED IN DESIGNATED BARRIER DUNE FORMATIONS THAT ARE COMPOSED PRIMARILY OF DUNE SAND AND EXHIBIT SEVERAL DUNE-LIKE CHARACTERISTICS.

EXEMPLARY DUNE ASSOCIATED PLANT COMMUNITIES OUTSIDE DESIGNATED DUNE FORMATIONS. MICHIGAN NATURAL FEATURES INVENTORY REFERENCE CODE INDICATED.

SOURCE

STATE OF MICHIGAN RECESSION RATE MAPS & ATLAS OF CRITICAL DUNE AREAS

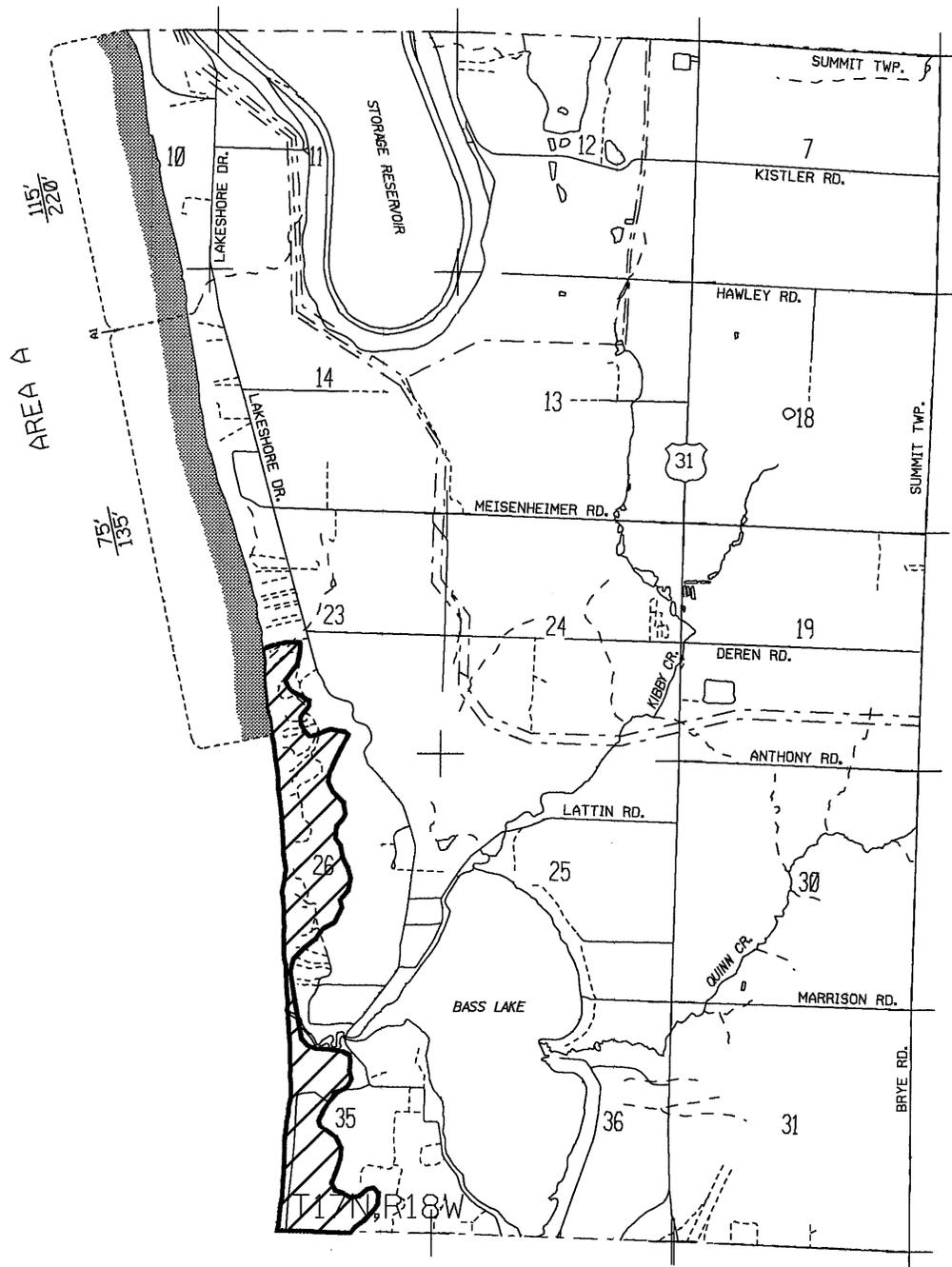
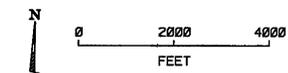
INFORMATION

MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 LAND AND WATER MANAGEMENT DIVISION
 P.O. BOX 30450
 LANSING, MI 48909-7958
 (517) 373-1950



GREAT LAKES INFORMATION SYSTEM
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 LAND AND WATER MANAGEMENT DIVISION

08-24-95



Parcels in High Risk Erosion Areas of Summit Township, Mason County

HREAs identified North to South Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	1	53-14-110-001-00	3.4	115	220
A1	2	53-14-110-002-00	3.4	115	220
A1	3	53-14-110-016-00	3.4	115	220
A1	3.1	53-14-110-017-00	3.4	115	220
A1	3.12	53-14-370-000-00	3.4	115	220
A1	3.13	53-14-110-019-00	3.4	115	220
A1	3.14	53-14-110-020-00	3.4	115	220
A1	3.15	53-14-110-021-00	3.4	115	220
A1	3.151	53-14-110-004-51	3.4	115	220
A1	3.16	53-14-110-023-00	3.4	115	220
A1	3.17	53-14-110-024-00	3.4	115	220
A1	3.18	53-14-110-025-00	3.4	115	220
A1	3.19	53-14-110-026-00	3.4	115	220
A1	3.911	53-14-110-027-00	3.4	115	220
A1	3.912	53-14-110-028-00	3.4	115	220
A1	3.913	53-14-110-029-00	3.4	115	220
A1	3.914	53-14-110-030-00	3.4	115	220
A1	4	53-14-530-001-00	3.4	115	220
A1	4.1	53-14-530-002-00	3.4	115	220

HREA* - Some parcels may be in multiple HREAs due to their large size.

30 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for readily moveable structures including those structures 3,500 square feet or less and built on a basement, crawlspace or pilings. Additional restrictions may apply per Administrative Rules 281.21-22.

60 yr PRD* is the Projected Recession Distance (feet) landward from the Erosion Hazard Line for non-readily moveable structures such as large structures and septic systems.

Designation runs with the land including subsequent splits. Absence of a property number does not guarantee the property is located outside of an HREA. Contact the Great Lakes Shorelands Unit, Water Resources Division, DEQ in Lansing or the local DEQ field office for assistance.

Parcels in High Risk Erosion Areas of Summit Township, Mason County

HREAs identified North to South Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A1	4.2	53-14-530-003-00	3.4	115	220
A1	5	53-14-114-002-33	3.4	115	220
A1	6	53-14-114-002-34	3.4	115	220
A1	7	53-14-114-002-35	3.4	115	220
A2	8	53-14-114-006-00	2.0	75	135
A2	9	53-14-114-004-00	2.0	75	135
A2	10	53-14-114-007-00	2.0	75	135
A2	11	53-14-114-002-36	2.0	75	135
A2	13	53-14-114-017-00	2.0	75	135
A2	14	53-14-114-018-00	2.0	75	135
A2	15	53-14-114-015-00	2.0	75	135
A2	16	53-14-114-010-00	2.0	75	135
A2	17	53-14-114-011-00	2.0	75	135
A2	18	53-14-114-012-00	2.0	75	135
A2	19	53-14-114-014-00	2.0	75	135
A2	20	53-14-772-000-00 Summit Bluff Condominiums	2.0	75	135
A2	21	53-14-114-024-00	2.0	75	135
A2	21.1	53-14-114-024-50	2.0	75	135
A2	23	53-14-114-025-00	2.0	75	135

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Parcels in High Risk Erosion Areas of Summit Township, Mason County

HREAs identified North to South Date of Designation: January 22, 1996

HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A2	24	53-14-400-001-00	2.0	75	135
A2	26	53-14-400-004-00	2.0	75	135
A2	27	53-14-400-005-00	2.0	75	135
A2	28	53-14-400-006-00	2.0	75	135
A2	29	53-14-400-007-00	2.0	75	135
A2	30	53-14-400-000-00	2.0	75	135
A2	31	53-14-400-008-00	2.0	75	135
A2	32	53-14-400-009-00	2.0	75	135
A2	33	53-14-400-010-00	2.0	75	135
A2	34	53-14-400-011-00	2.0	75	135
A2	35	53-14-400-012-00	2.0	75	135
A2	36	53-14-400-013-00	2.0	75	135
A2	37	53-14-123-022-20	2.0	75	135
A2	38	53-14-123-022-00	2.0	75	135
A2	39	53-14-123-022-40	2.0	75	135
A2	40	53-14-123-022-60	2.0	75	135
A2	41	53-14-123-020-00	2.0	75	135
A2	42	53-14-123-023-00	2.0	75	135
A2	43	53-14-123-021-00	2.0	75	135
A2	44	53-14-123-028-00	2.0	75	135

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HREA*	Sequence No.	Parcel Identification Number	Rate (feet/year)	30 yr PRD*	60 yr PRD*
A2	45	53-14-123-027-00	2.0	75	135
A2	46	53-14-123-044-00	2.0	75	135
A2	47	53-14-123-045-00	2.0	75	135
A2	48	53-14-123-039-00	2.0	75	135
A2	49	53-14-123-038-00	2.0	75	135
A2	50	53-14-123-040-00	2.0	75	135
A2	51	53-14-123-050-00	2.0	75	135
A2	52	53-14-123-049-00	2.0	75	135
A2	53	53-14-123-037-00	2.0	75	135
A2	53.9	53-14-123-048-50	2.0	75	135
A2	54	53-14-123-048-00	2.0	75	135
A2	55	53-14-123-029-00	2.0	75	135
A2	57	53-14-123-032-00	2.0	75	135
A2	58	53-14-123-031-00	2.0	75	135
A2	58.3	53-14-123-031-50	2.0	75	135
A2	59	53-14-123-034-00	2.0	75	135
A2	60	53-14-123-035-00	2.0	75	135
A2	61	53-14-350-043-00	2.0	75	135
A2	62	53-14-350-042-00	2.0	75	135
A2	63	53-14-350-041-00	2.0	75	135

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A2	64	53-14-350-040-00	2.0	75	135
A2	65	53-14-350-039-00	2.0	75	135
A2	66	53-14-350-038-00	2.0	75	135
A2	67	53-14-350-037-00	2.0	75	135
A2	68	53-14-350-036-00	2.0	75	135
A2	69	53-14-350-035-00	2.0	75	135
A2	70	53-14-350-034-00	2.0	75	135
A2	71	53-14-350-033-00	2.0	75	135
A2	72	53-14-350-032-00	2.0	75	135
A2	73	53-14-350-031-00	2.0	75	135
A2	74	53-14-350-030-00	2.0	75	135
A2	75	53-14-350-029-00	2.0	75	135
A2	76	53-14-350-028-00	2.0	75	135
A2	77	53-14-350-027-00	2.0	75	135
A2	78	53-14-350-026-00	2.0	75	135
A2	79	53-14-350-025-00	2.0	75	135
A2	80	53-14-350-024-00	2.0	75	135
A2	81	53-14-350-022-00	2.0	75	135

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