

US EPA ARCHIVE DOCUMENT

**Table 2:** Classification and Ranking of Great Lakes Coastal Wetlands

Marsh <sup>a</sup>	Aquatic System	State	Site Type	Location		Size <sup>b</sup> (ha)	Rank <sup>c</sup>
				Latitude	Longitude		
<b>Lake Superior Poor Fen</b>							
Fond du Lac *	Lake Superior	MN	Barred lacustrine estuary	47.08	91.68	40	BC
Bad River B *	Lake Superior	WI	Barrier-beach lagoon	46.92	90.34	1600	A
Bark Bay A&B	Lake Superior	WI	Barrier-beach lagoon	47.15	90.68	270	AB
Honest John	Lake Superior	WI	Barrier-beach lagoon	46.85	90.22	260	A
Raspberry Bay A *	Lake Superior	WI	Barrier-beach lagoon	47.18	90.33	60	AB
Siskewit Bay	Lake Superior	WI	Barrier-beach lagoon	47.18	90.61	100	B-C
Stockton Is.	Lake Superior	WI	Barrier-beach lagoon	47.14	90.12	90	A
Au Train	Lake Superior	MI	Barred lacustrine estuary	46.53	86.71	160	AB
Grand Island	Lake Superior	MI	Barrier-beach lagoon	46.57	86.48	50	A
Independence Lake	Lake Superior	MI	Barrier-beach lagoon	47.00	87.62	130	B-D
Lac la Belle	Lake Superior	MI	Barred lacustrine estuary	47.48	87.72	200	A
Pequaming	Lake Superior	MI	Barrier-beach lagoon	47.09	88.01	170	B
Portage R.	Lake Superior	MI	Open lacustrine estuary	47.15	88.12	275	B
Sturgeon R.	Lake Superior	MI	Tributary delta	47.17	88.20	445	B-D
<b>Northern Rich Fen</b>							
Big Shoal Cove	Lake Huron	MI	Embayment-Protected	45.99	83.64	80	B
Cheboygan	Lake Huron	MI	Embayment-Protected	45.71	84.42	115	A
El Cajon Bay	Lake Huron	MI	Embayment-Protected	45.10	83.32	180	A
Peck Bay	Lake Huron	MI	Embayment-Protected	46.00	84.36	30	A
Voight Bay	Lake Huron	MI	Embayment-Protected	45.99	84.37	50	A
Epoufette Bay	Lake Michigan	MI	Embayment-Open	46.13	85.25	53	B-D
Kenyon Bay	Lake Michigan	MI	Embayment-Protected	46.14	85.32	40	B
Waugoshance Pt.	Lake Michigan	MI	Sandspit swale	45.79	84.95	265	A-AB
Carp/Pine R. **	Lake Huron	MI	Embayment-Open	46.05	84.65	90	A
False Presque I. **	Lake Huron	MI	Barred lacustrine estuary	45.31	83.40	140	B
Mud Lake **	Lake Michigan	WI	Barrier-beach lagoon	45.26	86.96	110	A

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<b>Northern Great Lakes Marsh</b>							
Fond du Lac	Lake Superior	MN	Barred lacustrine estuary	47.08	91.68	40	BC
Pokegama A & B	Lake Superior	WI	Open lacustrine estuary	47.04	91.54	80	B
Bad River Mouth	Lake Superior	WI	Barred lacustrine estuary	46.92	90.34	1600	A
Kakagon Slough	Lake Superior	WI	Barred lacustrine estuary	46.94	90.36	2500	A
Long Island	Lake Superior	WI	Sandspit swale	46.90	90.41	80	BC
Raspberry Bay B*	Lake Superior	WI	Barred lacustrine estuary	47.18	90.33	60	AB
Baie de Wasai	St. Marys R.	MI	Channel embayment	46.53	84.26	200	B
Churchville Pt.	St. Marys R.	MI	Channel-side wetland	46.39	84.12	65	CD
Gogomain R.	St. Marys R.	MI	Chan.-side wetland & Embay.	46.16	84.03	170	BC
Hog Island	St. Marys R.	MI	Chan.-side wetland & Embay.	46.56	84.18	32	CD
Hursley Creek	St. Marys R.	MI	Channel-side wetland	46.44	84.26	220	BC
Kemps Point	St. Marys R.	MI	Channel-side wetland	46.29	84.17	50	BC
Munuscong R.	St. Marys R.	MI	Channel embayment	46.20	84.10	700	A-D
Roach Point	St. Marys R.	MI	Channel embayment	46.20	84.10	155	AB
Sand Island	St. Marys R.	MI	Channel-side wetland	46.30	84.17	200	A-D
Shingle Bay	St. Marys R.	MI	Channel embayment	46.46	84.24	130	AB
Sugar Island	St. Marys R.	MI	Channel-side wetland	46.45	84.16	80	AB
Whipple Point	St. Marys R.	MI	Channel-side wetland	46.54	84.14	120	BC
Duck Bay	Lake Huron	MI	Embayment-Protected	46.00	84.36	100	A
Mackinac Bay	Lake Huron	MI	Embayment-Protected	46.06	84.40	125	B-D
Mismer Bay	Lake Huron	MI	Embayment-Open	46.05	84.40	67	B-C
Scott Point	Lake Huron	MI	Embayment-Open	46.08	83.67	65	B-C
Squaw Bay	Lake Huron	MI	Embayment-Open	45.03	83.44	290	B-C
St. Martins Bay	Lake Huron	MI	Embayment-Open	46.09	84.63	110	A-D
Tobico	Lake Huron	MI	Barrier-beach lagoon	43.68	83.79	525	C-D
Chippewa Pt.	Lake Michigan	MI	Embayment-Open	45.81	86.74	36	C-D
Indian Point	Lake Michigan	MI	Embayment-Open	45.92	86.57	53	BC
Little Fishdam R.	Lake Michigan	MI	Embayment-Open	45.96	86.44	73	BC
Mink River	Lake Michigan	WI	Open lacust. estuary & Delta	45.32	86.91	260	A

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<b>Green Bay Disturbed Marsh</b>							
Dead Horse Bay	Lake Michigan	WI	Sandspit embayment	44.75	87.88	128	C
Little Tail Pt.	Lake Michigan	WI	Sandspit embayment	44.80	87.85	84	C
Oconto River	Lake Michigan	WI	Tributary delta	45.00	87.71	700	B-C
Peshtigo River	Lake Michigan	WI	Tributary delta	45.13	87.50	1100	B-C
West Twin River	Lake Michigan	WI	Barred lacustrine estuary	44.23	87.56	200	B-D
<b>W. Lake Michigan Estuaries</b>							
Bar Lake	Lake Michigan	MI	Barrier-beach lagoon	44.41	86.23	105	B
Betsie River	Lake Michigan	MI	Barred lacustrine estuary	44.74	86.21	40	C
Big Sable R.	Lake Michigan	MI	Barred lacustrine estuary	44.17	86.43	90	CD
Galien River	Lake Michigan	MI	Barred lacustrine estuary	41.94	86.73	130	B
Kalamazoo R.	Lake Michigan	MI	Barred lacustrine estuary	42.70	86.25	425	AB
Muskegon R.	Lake Michigan	MI	Barred lacustrine estuary	43.29	86.31	385	CD-D
Paw Paw R.	Lake Michigan	MI	Barred lacustrine estuary	42.20	86.52	65	AB-C
Pentwater R.	Lake Michigan	MI	Barred lacustrine estuary	43.83	86.41	97	BC
Pottawattomi Bayou	Lake Michigan	MI	Barred lacustrine estuary	43.12	86.25	50	AB
S. Lloyd Is.	Lake Michigan	MI	Barred lacustrine estuary	43.15	86.19	34	C
Stoney Creek	Lake Michigan	MI	Barred lacustrine estuary	43.69	86.50	81	BC-C
White River	Lake Michigan	MI	Barred lacustrine estuary	43.45	86.41	485	BC
<b>Saginaw Bay Lakeplain Marsh</b>							
Coryeon Pt.	Lake Huron	MI	Embayment-Open	43.63	83.66	536	B-CD
Hardwood Pt.	Lake Huron	MI	Embayment-Open	43.92	82.68	60	CD
Pinconning A	Lake Huron	MI	Sandspit embayment	43.89	83.91	60	B
Pinconning B	Lake Huron	MI	Embayment-Open	43.89	83.91	60	B
Pine River	Lake Huron	MI	Embayment-Open	44.01	83.86	120	B-D
Saganing River	Lake Huron	MI	Embayment-Protected	43.96	83.91	20	C
Whiskey Harbor	Lake Huron	MI	Embayment-Open	44.00	82.72	3	C
Wigwam Bay	Lake Huron	MI	Tributary delta	44.04	83.71	335	CD
Wildfowl Bay	Lake Huron	MI	Sandspit embayment	43.78	83.44	165	AB-D
Wildfowl Islands	Lake Huron	MI	Embayment-Protected	43.86	83.44	1415	AB

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<b>Erie/St. Clair Lakeplain Marsh</b>							
Clinton R.	Lake St. Clair	MI	Tributary delta	42.58	82.85	105	B-D
St. Clair R. Delta	St. Clair R.	MI	Connecting channel delta	42.58	82.50	3240	A-D
Erie Bay	Lake Erie	MI	Sandspit embayment	41.81	83.40	223	C-D
Otter Creek	Lake Erie	MI	Open lacustrine estuary	41.89	83.33	16	D
Pt. Mouillee	Lake Erie	MI	Tributary delta	41.96	83.23	465	B-D
Swan Creek	Lake Erie	MI	Open lacustrine estuary	41.92	83.29	45	C-D
Huron River	Lake Erie	OH	Barred lacustrine estuary	41.44	82.55	120	C
Old Woman Creek	Lake Erie	OH	Barred lacustrine estuary	41.41	82.51	160	C
Sheldon Marsh	Lake Erie	OH	Barrier-beach lagoon	41.48	82.60	200	C-D
Thompson Harbor	Lake Erie	PA	Sandspit swale	42.22	80.09	50	C
Presque Isle	Lake Erie	PA	Sandspit swale	42.19	80.14	260	A-C
<b>Lake Ontario Lagoon Marsh</b>							
Black Creek	Lake Ontario	NY	Barrier-beach lagoon	43.50	76.92	200	AB
Deer Creek	Lake Ontario	NY	Barrier-beach lagoon	43.82	76.35	500	A
Dexter Marsh	Lake Ontario	NY	Tributary delta	44.13	76.36	800	C
East Bay	Lake Ontario	NY	Barrier-beach lagoon	43.47	77.03	500	B
Lakeview Marsh	Lake Ontario	NY	Barrier-beach lagoon	43.93	76.39	1360	AB
Pt. Peninsula	Lake Ontario	NY	Barrier-beach lagoon	44.20	76.48	120	C
Sterling Creek	Lake Ontario	NY	Barrier-beach lagoon	43.50	76.83	360	C
<b>St. Lawrence Estuaries</b>							
Barnett Marsh	St. Lawrence R.	NY	Open lacustrine estuary	44.51	76.31	80	B
Chippewa Creek	St. Lawrence R.	NY	Open lacust. estuary & Delta	44.61	76.10	275	B
Cranberry Creek	St. Lawrence R.	NY	Open lacustrine estuary	44.56	76.17	175	B-C
Crooked Creek	St. Lawrence R.	NY	Open lacustrine estuary	44.66	76.07	340	AB
Delaney Bay	St. Lawrence R.	NY	Open lacustrine estuary	44.47	76.38	85	B-C
Flynn Bay	St. Lawrence R.	NY	Open lacustrine estuary	44.46	76.42	95	B

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<sup>a</sup> **Sites marked with \*** contain transects classed both as Lake Superior Poor Fen and as Northern Great Lakes Marsh; see discussion in text.

**Sites marked with \*\*** are associated with the Rich Fen Group, and have calciphitic vegetation in at least one zone.

<sup>b</sup> **Size estimates** are based on several different sources, including areas from existing detailed reports (Geis and Key 1977; Herdendorf et al. 1981a-1981f; Albert et al. 1987, 1988, 1989). For wetlands where no area computations exist in the literature, areas were computed by MNFI staff.

<sup>c</sup> **Ranking format:**

*The format A-C, A-D indicates that marsh habitat ranges from A quality to C or D quality in different portions of the wetland.*

*The format AB, AC is employed where the various factors used to assess quality differ, suggesting the need for an intermediate rank. For example, a large marsh in an intact landscape, but with minor amounts of exotic species is given a rank of AB, rather than a rank of A, which would have been appropriate if there were no exotics.*