

Map 4D

Present In Area:
268

Present In Lake Michigan:
262, 261
265, 266
234, 236

L A K E
M I C H I G A N

STURGEON BAY POINT

WY CAMP LAKE

Map 13B

Map 13A

Straits of Mackinac



SEE BACK OF MAP
for details about mapped species and
other species that occur in mapped area.
Data Published: October 2019

0 Not for Navigation 1 Miles

0 1 Kilometers

1:50,000



Straits of Mackinac: Map 13A

BIOLOGICAL RESOURCES:

BENTHIC:

RAR#	Species	S	F	Concentration	Mapping Qualifier	Monthly Presence (Jan-Dec)											
249	Submerged aquatic vegetation			-	General Distribution			M	A	M	J	J	A	S			

BIRD:

RAR#	Species	S	F	Concentration	Mapping Qualifier	Monthly Presence (Jan-Dec)												Nesting	Migrating		molting
73	Bald eagle	C		-	Vulnerable Occurrence	J	F	M	A	M	J	J	A	S	O	N	D	Feb-Jul	-	-	-
92	Common loon	T		-	Vulnerable Occurrence				A	M	J	J	A	S				Apr-Sep	-	-	-
102	Grasshopper sparrow	C		-	Vulnerable Occurrence				A	M	J	J	A	S				May-Aug	-	-	-
261	American coot			-	General Distribution			M	A	M	J	J	A	S	O	N		-	-	-	-
	Black scoter			-	General Distribution				A	M					O	N	D	-	Apr-May	Oct-Nov	-
	Bufflehead			-	General Distribution	J	F	M	A	M					O	N	D	-	Oct-May	-	-
	Canvasback			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Common goldeneye			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Greater scaup			-	General Distribution	J	F	M	A						O	N	D	-	-	-	-
	Gulls			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	Jan-Dec	-	-
	Lesser scaup			-	General Distribution	J	F	M	A						O	N	D	-	-	-	-
	Long-tailed duck			-	General Distribution	J	F	M	A	M					O	N	D	-	Oct-Apr	-	-
	Loons			-	General Distribution			M	A	M	J	J	A	S	O			-	-	-	-
	Raptors			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Redhead			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Ring-necked duck			-	General Distribution			M	A	M	J	J	A	S	O			-	-	-	-
	White-winged scoter			-	General Distribution	J	F	M	A	M					O	N	D	-	Oct-May	-	-
262	American black duck			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Bufflehead			-	General Distribution	J	F	M	A	M					O	N	D	-	Oct-May	-	-
	Canada goose			-	General Distribution			M	A	M	J	J	A	S				-	-	-	-
	Canvasback			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Common goldeneye			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Double-crested cormorant			-	General Distribution			M	A	M	J	J	A	S	O	N		-	Mar-May	Jul-Nov	-
	Greater scaup			-	General Distribution	J	F	M	A						O	N	D	-	-	-	-
	Green-winged teal			-	General Distribution			M	A	M	J	J	A	S	O	N		-	Mar-May	Sep-Nov	-
	Gulls			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	Jan-Dec	-	-
	Hérons			-	General Distribution			M	A	M	J	J	A	S	O			-	-	-	-
	Lesser scaup			-	General Distribution	J	F	M	A						O	N	D	-	-	-	-
	Long-tailed duck			-	General Distribution	J	F	M	A	M					O	N	D	-	Oct-Apr	-	-
	Loons			-	General Distribution			M	A	M	J	J	A	S	O			-	-	-	-
	Mallard			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Mergansers			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Redhead			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-
	Ring-necked duck			-	General Distribution			M	A	M	J	J	A	S	O			-	-	-	-
	Swans			-	General Distribution			M	A						O	N	D	-	-	-	-
	Terns			-	General Distribution				A	M	J	J	A	S	O			-	-	-	-
	Wood duck			-	General Distribution			M	A	M	J	J	A	S	O	N		-	-	-	-
332	Piping plover	E	E	-	Nesting				A	M	J	J	A	S				Apr-Sep	-	-	-
	Red knot		T	-	Migration				M	J			A	S				-	May-Jun	Aug-Sep	-

FISH:

RAR#	Species	S	F	Concentration	Mapping Qualifier	Monthly Presence (Jan-Dec)												Spawning		Eggs	Larvae	Juveniles	Adults		
19	Chinook salmon			-	Spawning Area	J	F	M	A	M	J			S	O	N	D	Sep-Oct	-	Sep-Jun	Sep-Jun	Sep-Jun	Sep-Jun	Sep-Oct	
	Coho salmon			-	Spawning Area	J	F	M	A	M	J			S	O	N	D	Sep-Oct	-	Sep-Jun	Sep-Jun	Sep-Jun	Sep-Jun	Sep-Oct	
	Longnose sucker			-	Spawning Area	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	Apr-Aug	Apr-Aug	Apr-Aug	Jan-Dec	Jan-Dec	
	Rainbow smelt			-	Spawning Area				A	M	J	J	A	S				Apr-May	-	Apr-May	Apr-Sep	Apr-Sep	Apr-May	Jan-May	
	Smallmouth bass			-	General Distribution							J	J	A				-	-	-	-	-	Jun-Aug		
	White sucker			-	Spawning Area	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	Apr-Aug	Apr-Aug	Apr-Aug	Jan-Dec	Jan-Dec	
140	Rainbow smelt			-	Spawning Area	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	-	Apr-Sep	-	-	Jan-Dec	
143	Lake whitefish			-	Spawning Area	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	-	-	-	-	Jan-Dec	
265	Atlantic salmon			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Sep-Jul	Jan-Dec	
	Bloater			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	-	Jan-Dec	
	Burbot			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Feb	-	-	-	-	-	Jan-Dec	
	Chinook salmon			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Sep-Jul	Jan-Dec	
	Cisco			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec	
	Coho salmon			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Sep-Jul	Jan-Dec	
	Lake chub			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Jun	-	-	-	-	-	Jan-Dec	
	Lake sturgeon	T		-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	Apr-Aug	Apr-Aug	Apr-Aug	Jan-Dec	Jan-Dec	
	Lake trout			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Oct-Nov	-	Oct-Mar	Feb-Mar	Feb-Mar	Jan-Dec	Jan-Dec	
	Lake whitefish			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec	
	Longnose sucker			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	Apr-Aug	Apr-Aug	Apr-Aug	Jan-Dec	Jan-Dec	
	Northern pike			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Jun	-	-	-	-	Jan-Dec	Jan-Dec	
	Rainbow smelt			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Apr-Sep	Jan-Dec	
	Round whitefish (menomonee)			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec	
	Smallmouth bass			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	May-Jul	-	May-Aug	Jul-Aug	Jul-Aug	-	Jan-Dec	
	Steelhead			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Sep-Jul	Jan-Dec	
	Walleye			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Jun	-	-	-	-	-	Jan-Dec	
	White sucker			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Apr-May	-	Apr-Aug	Apr-Aug	Apr-Aug	Jan-Dec	Jan-Dec	
	Yellow perch			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	May-Jul	-	May-Aug	May-Aug	May-Aug	-	Jan-Dec	
	266	Bloater			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	-	Jan-Dec
		Burbot			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	-	Jan-Dec
		Chinook salmon			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec
		Cisco			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec
		Coho salmon			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec
		Lake chub			-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Jun	-	-	-	-	-	Jan-Dec
		Lake sturgeon	T		-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec
Lake trout				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Oct-Nov	-	Oct-Mar	Feb-Mar	Feb-Mar	Jan-Dec	Jan-Dec	
Lake whitefish				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec	
Longnose sucker				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec	
Northern pike				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec	
Rainbow smelt				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	May-Sep	May-Sep	-	Jan-Dec	
Round whitefish (menomonee)				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Nov-Dec	-	Nov-Apr	Mar-Apr	Mar-Apr	Jan-Dec	Jan-Dec	
Smallmouth bass				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	-	Jan-Dec	
Steelhead				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec	
Walleye				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	-	Jan-Dec	
White sucker				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-	Jan-Dec	Jan-Dec	
Yellow perch				-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	May-Sep	May-Sep	-	Jan-Dec	

HABITAT:

RAR#	Species	S	F	Concentration	Mapping Qualifier	Monthly Presence (Jan-Dec)											
96	Federally threatened plant	T	T	-	Vulnerable Occurrence	J	F	M	A	M	J	J	A	S	O	N	D
111	Threatened plant		T	-	Vulnerable Occurrence	J	F	M	A	M	J	J	A	S	O	N	D

HERPETOFAUNA:

RAR#	Species	S	F	Concentration	Mapping Qualifier	Monthly Presence (Jan-Dec)												Nesting	Hatching	Interne	Juveniles	Adults
234	Mudpuppy	C		-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	Mar-Jun	Apr-Jul	-	Jan-Dec	Jan-Dec
236	Mudpuppy	C		-	General Distribution	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	Jan-Dec	Jan-Dec
268	Sensitive herpetofauna			-	Vulnerable Occurrence	J	F	M	A	M	J	J	A	S	O	N	D	-	-	-	-	-