DESCRIPTION	PHYSICAL	LAK	Sec.	т В	e	ako
D_001111 1101	······				unty	
		Da			mily	,
	Ref	tor \$	Shape fact	Perimeter (km)	Lake: Area (ha)	1. Lake
					Watershed: Area (km)	
	Ref)'s of m³)	Volume (1000)	Mean depth (m)	Maximum depth (m)	3. Maxi
					Heating degree days (base 55°F	
					Flushing rate (years)	
		t outlet	Permanent	Intermittent outlet	Drainage type (✔): Seepage	6. Drai
					Inlets: Names	7. Inlet
		Dof		(m3/aaa)		
		WI	F	(m-7 sec)	Mean annual discharge	
		WI			Mean annual discharge Outlet: Name	8. Outl
					Outlet: Name	8. Outl
				(m³/sec)	Outlet: Name	
		undment	lmpou	(m³/sec) systemNatural with dam_	Outlet: Name	9. Lake
	r (✔): No	undment	Impou YesF	(m³/sec)	Outlet: Name	9. Lake
Yes	r (४): No	undment Functional fish lado pmpletely blocks	Impou YesF _HindersCo	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish in Comments:	9. Lake 0. Dam
Yes	r (४): No	undment Functional fish lado pmpletely blocks	Impou YesF _HindersCo	(m³/sec)	Outlet: Name	9. Lake 0. Dam
Yes	r (४): No	undment	Impou YesF _HindersCo 1-2m	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish in Comments:	 Lake Dam Anne
Yes	r (√): No	undment	Impou YesF HindersCo 1-2m	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish is Comments: Annual fluctuation in water lew Maximum long-term fluctuation Soils in 0-2m (%): Organic	9. Lake 0. Dam 1. Anna 2. Max 3. Soils
Yes	r (√): No	undment	Impou YesF HindersCo 1-2m	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish is Comments: Annual fluctuation in water lew Maximum long-term fluctuation Soils in 0-2m (%): Organic	9. Lake 0. Dam 1. Anna 2. Max 3. Soils
Yes	r (√): No Rubble	undment	ImpouYes FHinders Co1-2mMarl SandMarl Sand	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish i Comments: Annual fluctuation in water lew Maximum long-term fluctuation	9. Lake 0. Dam 1. Ann 2. Max 3. Soils 4. Soils
Yes	r (√): No Rubble	undment	ImpouYesFHindersCo1-2mMarlSandMarsh	(m³/sec)	Outlet: Name	9. Lake 0. Dam 1. Ann 2. Max 3. Soil: 4. Soil: 5. Sho
Yes	r (√): No Rubble Rubble	undment	Impou YesF _HindersCo 1-2m	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (*): Natural Dam: Height (m) Effect on upstream fish in Comments: Annual fluctuation in water lew Maximum long-term fluctuation Soils in 0-2m (%): Organic Soils in 2m+, (%): Organic Shoreline (% by type): Bog	9. Lake 0. Dam 1. Ann 2. Max 3. Soil 4. Soil 5. Sho 6. Lake
Yes	r (√): No Rubble Rubble	undment	ImpouYesFHindersCo1-2m	(m³/sec)	Outlet: Name Mean annual discharge Name of main drainage Lake type (\(\formaller\)): Natural Dam: Height (m) Effect on upstream fish of Comments: Annual fluctuation in water lew Maximum long-term fluctuation Soils in 0-2m (%): Organic Soils in 2m+, (%): Organic Shoreline (% by type): Bog Lake use (\(\formaller\)): Private	9. Lake 0. Dam 1. Ann 2. Max 3. Soils 4. Soils 5. Sho 6. Lake 7. App

References for items 1, 2, 3, 5, 7, 8

Ref. code:

- Marsh, William M. and Thomas E. Borton. 1974. Michigan Inland Lakes and their Watersheds (an atlas). Michigan Dept. Natural Resources, Water Resources Comm., 166p. (Data for lakes larger than 100 acres. Based on USGS topographic maps and may be in error if shoreline alteration has taken place since mapping.)
- 2. Fisheries Division lake maps (cite date of mapping).
- 3. Miller, J. B. and T. Thompson, 1970. Compilation of data for Michigan lakes. U.S. Dept. Interior Geol. Surv., in cooperation with Mich. Dept. Nat. Resources.
- Nat. Resources.

 A Anonymous. 1975. A compendium of lake and reservoir data collected by the National Eutrophication Survey in the Northeast and North-central United States. U.S. Environ. Protection Agency, National Eutrophication Survey Working Paper No. 474.
- 5. Humphrys, C. R. and R. F. Green. 1962. Michigan lake inventory bulletins 1-83. Mich. State Univ., Dept. Resource Devel., East Lansing.
- 6. Fisheries Division files (e.g., lake volume analysis).7. Land Resource Programs files.
- 8. Water Management Division files.
- Water Quality Division files.
 U. S. Forest Service files.
- 11. Derived by the preparer of this form.

Other publications and sources (number and cite below). (e.g., P. W. Laarman, Fisheries Research, has estimated many mean depths.) Reference for item 4

Van Den Brink, C., N. D. Strommen, and A. L. Kenworthy. 1971. Growing degree days in Michigan. Mich. State Univ. Agr. Exp. Sta., Res. Rep. No. 131, 48 p.

Continuations (use item numbers):