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Public Frontage, Access and Private Developement on Southeast District Lakes and Streams

Betty L. Les

Surface Water Inventory

Program Coordinator

Public Frontage, Access and Private Developement on Southeast District Lakes and Streams

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ABSTRACT

Information on public frontage, access and private development is presented for the inland lakes and streams of seven counties located in southeastern Wisconsin. The counties included are Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha. The information was taken from records of the Surface Water Resource Inventories for the respective counties which were conducted between 1961 and 1964 by the Wisconsin Department of Natural Resources.

Detailed data for individual lakes and streams are listed and a numerical summary or analysis of selected data is presented.

All counties analyzed show patterns of high private shoreline development with larger waters (500 acres or larger) showing the most intense development. Calculations of baseline boating densities on lakes yielded averages well above the state average (62 acres/boat) for all counties and all pooled lakes size classes. Public frontage and access on lakes are low for all counties except Milwaukee County with the largest lakes having the least frontage in public ownership. Except for large rivers, streams remain relatively undeveloped. Potential wild and wilderness lakes are enumerated and their resource value discussed.

PUBLIC FRONTAGE, ACCESS AND PRIVATE DEVELOPMENT
ON SOUTHEAST DISTRICT LAKES AND STREAMS

INTRODUCTION

The purpose of this report is to provide information on public frontage, access and private shoreline development for the lakes and streams of the Southeast District and to analyze the implications of these data for water-based recreational activities for the area. The counties included in the present report are Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington and Waukesha (Figure 1). Lake Michigan waters adjoining these counties are not treated in this report.

Similar reports are planned for other districts of the state with the goal of providing this information on a statewide basis. It is hoped that this report and subsequent ones will be useful in defining directions and priorities for recreational planning and shoreline protection.

The counties of the Southeast District are particularly important for recreation because of the high population density associated with the Milwaukee metropolitan area. The area also receives heavy population influxes from out-of-state residents. The surface water resources of the district are based in 327 lakes and 161 streams. The lakes total 37,528 surface acres and 555 miles of shoreline. Streams total 4,146 surface acres and 1,930 miles of shoreline.

Previous reports have analyzed several aspects of the water resources of the district. Cornelius (1973b) categorized the water resources as to general morphometry and provided an alphabetical listing of lakes and streams of the district. The status of access for three southeastern counties was summarized by Cornelius (1973a) and compared to the situation in three northern counties.

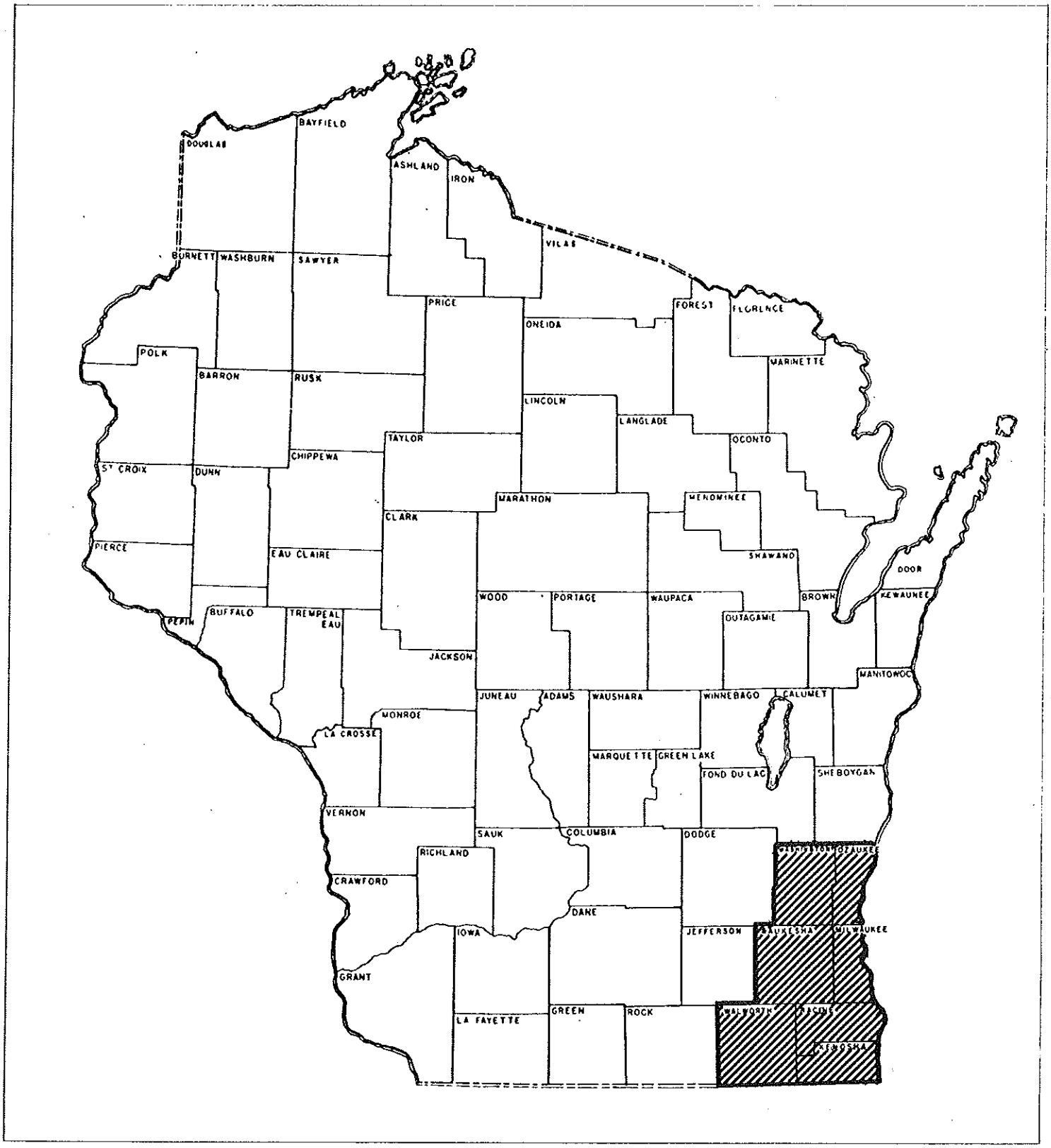

FIGURE 1. SOUTHEAST DISTRICT BOUNDARIES

Threinen and Poff (1964) provided a detailed analysis of the existing supply and demand for water-based recreation for three counties of southeastern Wisconsin. A series of lake use reports were prepared by the Department of Natural Resources which cover the major lakes of the Milwaukee River and Fox River watersheds. In addition, various aspects of water-based recreation have been dealt with in reports of the Southeast Wisconsin Regional Planning Commission.

METHODS

Information appearing in this report was gathered from the Surface Water Resources Inventory Reports for the respective counties which were completed between 1961 and 1964. These reports are based on field surveys which gathered information on the limnology, morphometry, access, shoreline development, fishery and use problems of individual waters. The program objective was to inventory all the surface waters of a given county with each body of water being surveyed once.

With the exception of public frontage, this information has not changed significantly since publication of the inventory reports for the Southeast District because of the already developed nature of the area at that time. However, as a result of a strong state land acquisition program in recent years, public frontage has increased enough to warrant updating. This was accomplished by reviewing land acquisition records to designate projects completed subsequent to the completion of the original reports. Public frontage for these waters was calculated from the Bureau of Real Estate's maps of DNR-owned land in conjunction with topographic maps or taken directly from the Land Records File. Some additional public lands may have been acquired by county or town governments but are not reflected in this report.

RESULTS

Thirteen categories of information relating to the shoreline status of Southeast District lakes and streams appear in a printout format in the appendix, pages 18 - 31. Each county is treated separately and both named and unnamed lakes and streams are included. For each lake and stream, information on the following is listed: size (acres, miles of shoreline), public frontage (miles of public frontage, percent shoreline to public frontage), access (number parks and access roads, presence of navigable water access or wilderness access) shoreline development (number of private dwellings, number commercial enterprises, miles of shoreline per dwelling, water acres per dwelling). What follows is a numerical summary or analysis of certain of these data.

PUBLIC FRONTAGE

Figure 2a. compares miles of public frontage to total miles of shoreline for lakes of Southeast District counties. The percent of public frontage is less than 10% for five of the seven counties. One exception is Milwaukee County which shows a high percent (70%) of lake shoreline in public frontage. This high figure reflects the numerous urban park ponds present in the county. Excluding Milwaukee County, Ozaukee County has the highest percentage of public shoreline in public frontage (13%).

Figure 2b. treats the district as a whole and depicts the amount of public frontage in relation to lake size class. The highest percentage of public frontage (20%) occurs on lakes 0-9 acres in size and the lowest (3%) occurs on lakes 1000-2000 acres in size. The high percentage of public frontage for small lakes reflects

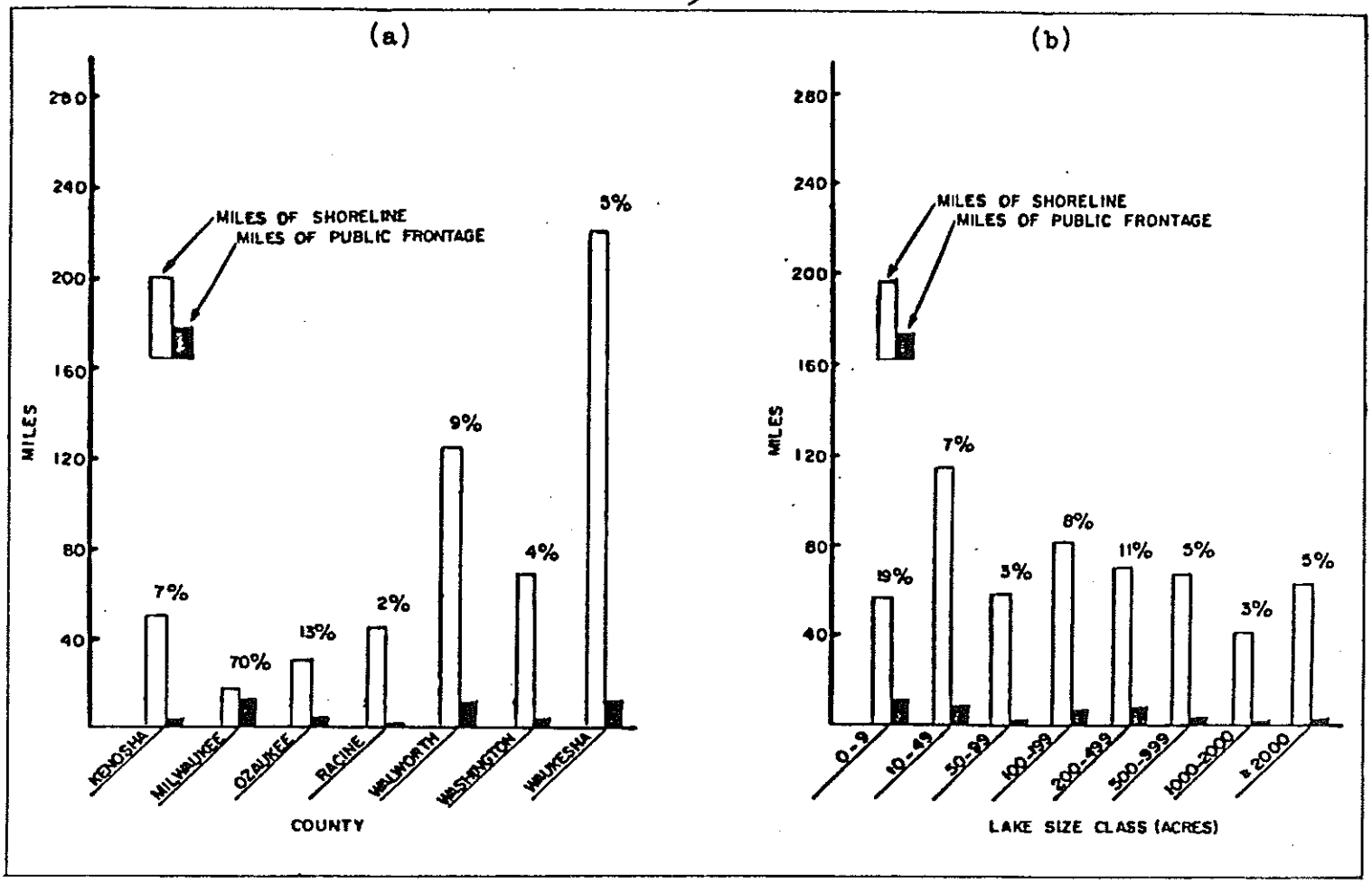

FIGURE 2. MILES OF PUBLIC FRONTAGE ON LAKES COMPARED TO TOTAL MILES OF SHORELINE FOR (a) COUNTIES OF THE SOUTHEAST DISTRICT AND (b) DISTRICT-WIDE LAKES OF VARYING SIZE CLASSES.

the numerous urban park ponds present in Milwaukee County, most of which are under 10 acres. The percent of public frontage for all lakes 500 acres and larger is less than 5% although they represent over 60% of total lake acreage. District-wide, 8% of the total lake shoreline is in public frontage.

Recommendations developed in the lake and stream classification program indicate that 25% of the shore of a lake should be preserved in a natural state. If it is assumed that private development will eventually saturate all available shore space, then only land protected by public ownership will remain in a natural state. Thus, ideally, 25% of the shoreline of each lake should be in public frontage. Among Southeast District lakes, only 132 have any portion of their shorelines in public frontage. Of this number, 59 have 5% or less public frontage while 48

have 25% or more public frontage. However, if only lakes 50 acres or larger are considered, only 6 lakes have 25% or more of public frontage. The high number of small lakes with large public holdings reflects the numerous urban park ponds of Milwaukee County all of which are under 15 acres in size.

Figure 3a. summarizes the amount of public frontage in relation to total miles of shoreline on streams for each county. The percent of public frontage is less than 10% for 7 of the 8 counties. The high percentage for Milwaukee County reflects stream frontage which is a part of county parkways. Waukesha County has the lowest percent of public frontage (1.5%) although it has the most miles of shoreline. Figure 3b. summarizes the amount of public frontage for various size classes of streams on a district-wide basis. Public frontage for streams 10 feet and wider is greater than 10% for all size classes but the highest percentage reached is 14% (streams 10-19 feet wide). The low percentage for streams less than 10 feet wide reflects small unnamed streams, many of which serve as agricultural drainage ditches. District-wide, 10% of the total stream shoreline is in public frontage.

In terms of individual streams, only 46 have any portion of their shorelines in public frontage (excluding public frontage gained by road right of way). However, where public frontage does occur, it tends to be in big parcels. Of the 46 streams having public frontage (exclusive of road right of way) approximately one-half have 25% or more public frontage. In part, this reflects streams within the boundaries of public parks and wildlife areas.

Although trout water is sparse in the Southeast District, Kenosha, Racine, Washington and Waukesha Counties each have one trout stream, and Walworth County has six (Kmiotek, 1974). These streams represent 54.2 miles of trout water frontage, of which 13.75 miles or 25% is in public ownership. However, 5 of the 10 streams have no frontage at all.

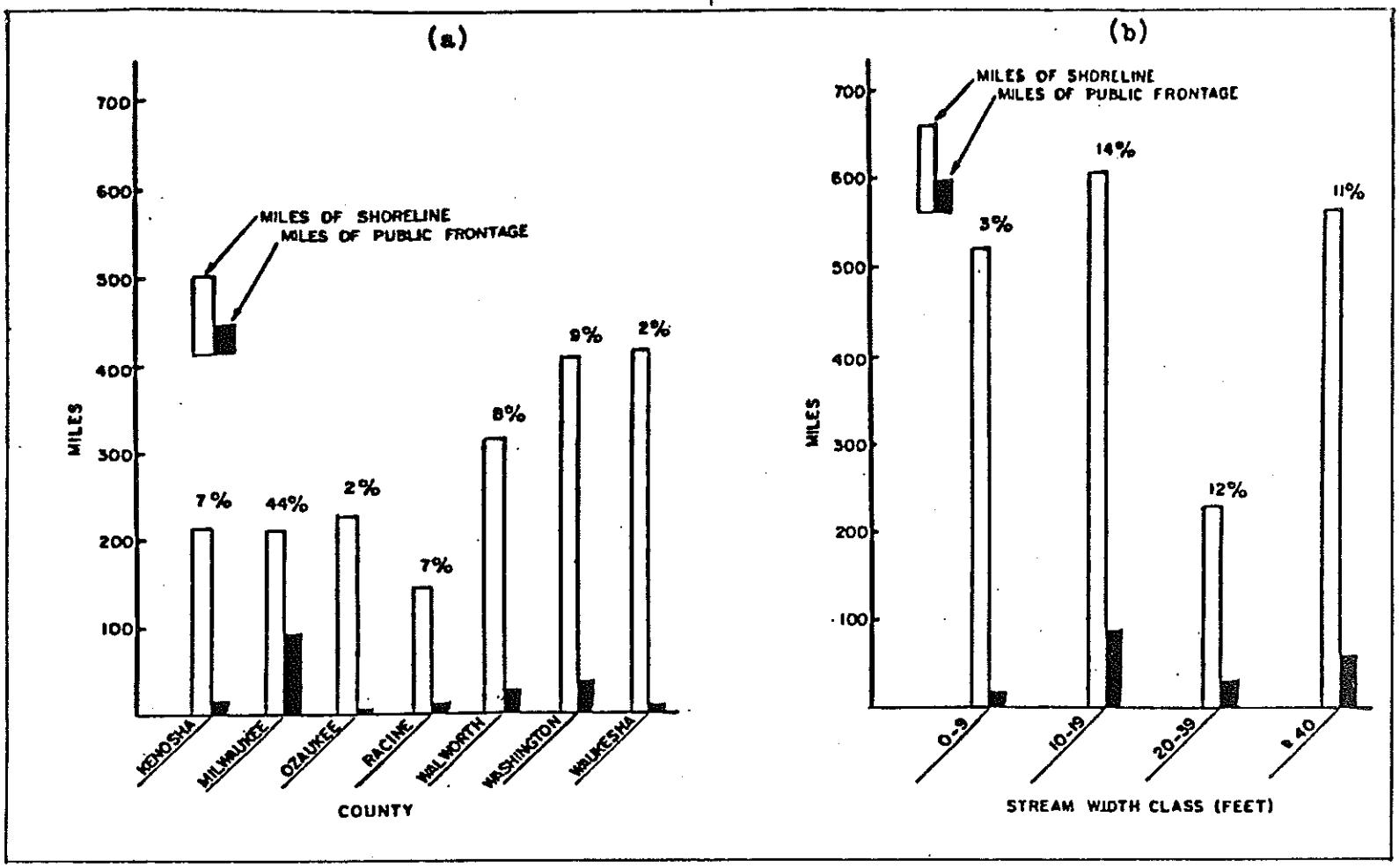

FIGURE 3. MILES OF PUBLIC FRONTAGE ON STREAMS COMPARED TO TOTAL MILES OF SHORELINE FOR (a) COUNTIES OF THE SOUTHEAST DISTRICT AND (b) DISTRICT-WIDE STREAMS OF VARYING WIDTH CLASSES.

PRIVATE SHORELINE DEVELOPMENT

For purposes of this report, shoreline development is defined as private dwellings and commercial enterprises located on stream or lake frontage. Agricultural development other than dwellings is not included in the assessment.

The degree of shoreline development can be measured by the miles of shoreline per dwelling. Saturation development would involve one dwelling for every 100 feet of shoreline. In terms of miles, this would mean one dwelling per .02 miles of shore. In calculating miles of shoreline per

dwelling, each commercial enterprise is counted as three private dwellings because of the increased lake use associated with them.

Table 1 summarizes the extent of shoreline development for lakes of eight size classes for the district as a whole. Development is intense for all lake size classes, including small lakes. Development appears most intense on lakes 200 acres or larger and reaches saturation level on lakes 1,000-2,000 acres.

TABLE 1. MILES OF SHORELINE PER DWELLING FOR SOUTHEAST DISTRICT LAKES.

Lake Size Class (Acres)	Miles of Shoreline	No. Private Dwellings	No. Commercial Enterprises	Miles Shoreline Per Dwelling
0 - 9	57.4	103	15	0.39
10 - 49	115.7	450	24	0.22
50 - 99	58.7	1,444	52	0.04
100 - 199	81.4	1,589	68	0.05
200 - 499	70.6	2,199	129	0.08
500 - 999	67.2	2,035	73	0.03
1000 - 2000	40.8	1,754	29	0.02
≥ 2000	62.8	2,014	40	0.03
All Lakes	554.6	11,588	430	0.19

Table 2 summarizes the extent of shoreline development for district streams according to four width classes. Of the private development in the district 98% occurs on streams 40 feet and wider although all width classes show some development. In general, the level of private development on streams is low compared to lakes. Stream shoreline development is one-half of the lakeshore development level although total stream shoreline is over three times greater than lake shoreline.

TABLE 2. MILES OF SHORELINE PER DWELLING FOR SOUTHEAST DISTRICT STREAMS.

Stream Width Class (Feet)	Miles of Shoreline	No. Private Dwellings	No. Commercial Enterprises	Miles Shoreline Per Dwelling
0 - 9	525.4	4	1	75.1
10 - 19	611.7	3	5	34.0
20 - 39	232.1	0	5	15.5
≥ 40	560.5	488	8	1.1
All Streams	1,929.7	495	19	3.5

In terms of individual lakes, 38 are developed to saturation (one dwelling per .02 miles shoreline). These lakes represent 11,755 acres and 133.1 miles of lakeshore. Another 29 lakes have one dwelling per .04 mile (200 feet) and represent an additional 13,765 acres and 112.1 miles of shoreline.

Only 19 streams in the district have any recreational development and among these, the highest density reached is 0.13 mile of shoreline per dwelling (686 feet). However, along sections of streams where platting has occurred, development may reach saturation for that section.

Although agricultural development will not be assessed in this report, it should be pointed out that most Southeast District streams are heavily developed for agricultural purposes. These developments constitute the major use of district streams and should be considered in any evaluation of total impact of development.

ACCESS

Availability of surface waters for recreation depends on access. For riparian landowners, access is automatic but others must use public or commercial facilities or road crossings in the case of streams.

An inspection of columns 8, 9 and 10 of the appended results shows that less than one-half of the lakes have access roads although about three-fourths of the lakes have navigable water access. A small portion (8%) of lakes, most of which are under 50 acres, have wilderness access. For streams the situation improves because of road crossings which legally constitute access. 71% of the streams listed have road access and 36% have navigable water access.

Although an access road theoretically provides a way to the water, it may not in fact provide the desired access. Most motorboats require boat launching facilities and parking spaces for cars and trailers. Cornelius (1973) found that among lakes in three southeastern counties (Kenosha, Racine, Waukesha) only 27 (17%) have adequate access. Access adequacy was greatest for lakes over 500 acres where 45% had adequate access.

BOATING DENSITIES

The boating population of a given lake is usually composed of lakeshore property owners and nonproperty owners using public or commercial launching facilities. Total boating density would reflect both of these segments. However, base line boating densities can be calculated for each county based solely on boat use by lakeshore property owners. The water-acres per dwelling reported in column 13 of the appendix would indicate boating densities if it is assumed that all property owners have one boat and are using their boats simultaneously. However, past surveys (Cornelius, 1974) have shown that at any one time, approximately 10% of the boats on a lake will be in operation. Thus, for purposes of this report, water-acres per dwelling were multiplied by a factor of 10 to derive base line boating

densities. These figures are presented in Figure 4. In computing the water-acres per dwelling, each commercial enterprise is counted as three private dwellings because of the increased lake use associated with them.

Figure 4.(a) indicates boating densities for individual counties in terms of water-acres per boat. Figure 4.(b) treats the district as a whole indicating boating densities by lake size classes. In all cases, boating densities are well above the observed state average of 62 acres/boat (Cornelius, 1974) even though the state average reflects both publicly launched and local (riparian owners) boat traffic. District-wide, boating density was highest on lakes 50-99 acres although it was greater than 30 acres/boat for all lakes between 50-2,000 acres. It should be pointed out that these figures are base line estimates only representing use by lakeshore property owners. Actual boating densities, which would include publicly launched boats are undoubtedly much higher.

The 1972 Wisconsin Outdoor Recreation Plan sets the following minimum standards for space consumption by the three major water-based boating activities: 4 acres (fishing), 15 acres (boating) and 20 acres (skiing). Considering all lakes meeting the respective minimum size requirements, 3% equaled or exceeded the standard for fishing, 30% for boating, and 37% for waterskiing. These are minimum estimates that consider only boating attributable to property owners and assume only single activities. Also, other factors such as fishery potential and water quality which affect water-based activities are not considered. However, consideration of these factors would only increase the percentage of lakes exceeding the minimum standards.

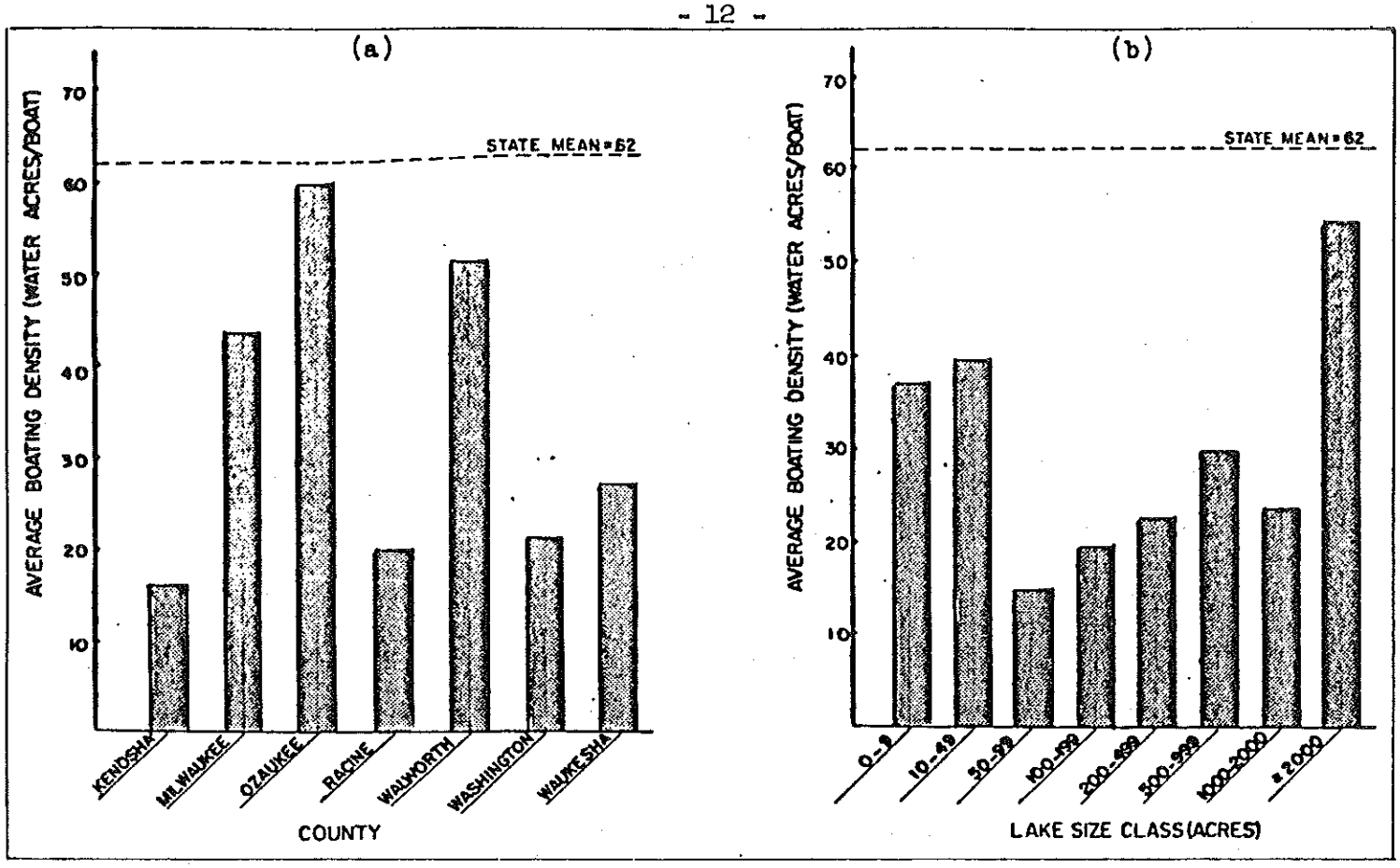

FIGURE 4. AVERAGE LAKE BOATING DENSITY EXPRESSED IN WATER ACRES PER BOAT FOR (a) SOUTHEAST DISTRICT COUNTIES AND (b) DISTRICT-WIDE LAKES OF VARYING SIZE CLASSES.

WILD AND WILDERNESS LAKES

A wild resources policy was adopted by the Natural Resources Board in October, 1973, to guide the designation of natural areas for preservation. The following criteria must be met for a lake to be classified as wild: (1) minimum size of 5 acres; (2) no structural developments can be visible from the water although road access may exist; (3) man's influence upon the surrounding landscape is not noticeable; (4) the entire shoreline is in public control or its purchase is likely.

The criteria for wilderness lakes are similar but more stringent. No access road or structural development can be present within 1/4 mile of the lake.

Among lakes of the Southeast District, 51 lakes five acres or larger have no parks, private shoreline development, or access roads and thus might qualify for designation as wilderness lakes. An additional six lakes meet all the requirements except that of no access road and thus might qualify as wild lakes. However, of these 57 lakes, 13 were eliminated because they are artificially impounded or maintained. The remaining 44 lakes are marked by an asterisk in the appended results. All are less than 50 acres and over one-half are less than 10 acres. Eighteen are unnamed lakes.

Most of these lakes are shallow kettle lakes or marshes. The fishery potential of these lakes is low but they are worthy of consideration for aesthetic appeal alone as well as for preservation of the glacial phenomena they exhibit.

DISCUSSION

Natural shoreline areas are important for both aesthetic and biological reasons and exert a far-reaching influence on the health of the entire lake or stream they border. These and other aspects of shoreline importance are well documented in previous reports (Threinen 1961, 1964; Threinen and Poff, 1964).

There is a strong need to acquire shoreline areas as public frontage because of their immense value for resource maintenance and preservation as well as for use by the public sector. However, shoreline areas are also sought after by private home builders. Since the shoreline resource is a limited one, conflicts arise between the public and private sectors concerning use of shoreline areas. The Southeast District affords a ripe setting for such conflicts. Forty percent of the state's population is centered in these counties with large seasonal influxes from nearby states. Present use of surface waters for boating, waterskiing and fishing is five times greater than estimated capacity (Wisconsin Outdoor Recreational Plan, 1972). This figure includes both resident and nonresident participation, the latter often outstripping the former, especially on summer weekends.

Data presented in this report indicate a pattern of high use and intense shoreline development on lakes of the Southeast District. Average base line boating densities for all counties and all lake size classes of the district are well above the state average and in many cases saturation boating densities are reached considering only boat use by lakeshore property owners. Shoreline development reaches the saturation level or near saturation on 67 lakes representing 68% of the total water acres of the district. Public shoreline frontage is low for all counties except Milwaukee County with only 48 lakes (out of the total 327) having the recommended 25%. If only lakes 50 acres or larger are considered, this figure drops to 6.

Although even small lakes show this pattern, development is most intense on large lakes (500 acres or larger). However, public frontage is lowest for large lakes and adequate access facilities are present on fewer than 50% of the lakes.

Except for the larger rivers, most Southeast District streams remain relatively undeveloped in terms of private dwellings and recreation-oriented commercial enterprises. This lack of development stems from the small size of the streams and the apparent preference for lake-based recreation over river-based recreation. While these smaller streams do not likely face the danger of saturation type development which many lakes do, they still need shoreline protection to insure good habitat management practices. This is especially important in light of the heavy agricultural use they receive. Larger rivers that are highly developed may approach saturation development along platted sections thus exhibiting the same problems as large lakes.

The surface waters of the Southeast District will likely face even heavier use in the future. High land costs will result in pressure to intensify shoreline land use. If done in the private sector, high density dwelling units (apartments, condominiums) would likely result which would impose even greater demands on the water resource base than already exist. An alternative is to adjust land use through the public sector by forming parks, wilderness areas, or other public areas.

Shoreline protection and preservation of scenic areas can best be insured by public acquisition and maintenance of shoreline areas. However, increasing the amount of public frontage also increases utilization of surface water resources. Given the already high use level exhibited in the Southeast District, use conflicts are likely to result, especially on lakes. In cases where conflicts are likely to develop water regulatory measures should accompany the acquisition of public frontage.

Past efforts have emphasized larger lakes for public frontage and access. However, smaller lakes suitable for fishing or a wilderness experience should be considered as a means of spreading out use and separating water-based activities. Private shoreline development is already spreading to smaller lakes and will quickly result in saturation of the surface water resources and, in many cases, lake degradation.

ACKNOWLEDGEMENTS

The data on which this report is based were gathered by biologists of the lake and stream classification program of the Fish Management Section, Bureau of Fish and Wildlife Management. Their work is gratefully acknowledged. C. W. Threinen, James Addis and Donald Tills reviewed the manuscript and provided useful comments. Dale Zaug and John Bauer cooperated in the design and preparation of the computer printout. Susan Nehls provided many useful suggestions on the format of the report. Many thanks to Nancy Diebold for typing the manuscript.

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APPENDIX

A Listing by County of Individual Lakes and Streams With Information on Public Frontage, Access, and Private Shoreline Development.

Counties	Page
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DEPARTMENT OF NATURAL RESOURCES

EXTENT OF PUBLIC FRONTAGE, ACCESS, AND PRIVATE DEVELOPMENT ON LAKES AND STREAMS

	LOC	ACRES	MILES OF SHORE LINE	MI. OF PUBLIC FRONT.	% OF SHORELN TO PUB. FRONT.	NO. OF PARKS	NO. OF ACC. ROADS	NAV. WATER ACC.	WILD-ER-NESS ACCESS	NO. OF PRIV. DWELL.	*NO. OF COMM. ENTER.	**MI. OF SHORELN PER DWELL.	**WATER ACRES PER DWELL.
*** DISTRICT: SOUTHEASTERN													
** COUNTY: KENOSHA													
LAKES:													
BARBER POND	8	2	0.3	0.00	0.0 %			YES	NO				
BENEDICT LAKE	7	89	2.5	0.02	0.8 %	1	1	YES	NO	90	11	0.02	0.72
BENET AND SHANGRILA LAKE	8	154	5.4	0.12	2.2 %	2	5	NO	NO	90	4	0.05	1.51
CAMP LAKE	7	482	4.1	0.84	20.5 %	3	6	NO	NO	110	7	0.03	3.68
CENTER LAKE	7	106	3.2	0.09	2.8 %	1	3	NO	NO	50	4	0.05	1.71
CROSS LAKE	8	82	1.4	0.00	0.0 %	1		NO	NO	60	2	0.02	1.24
DYER LAKE	4	52	1.2	0.00	0.0 %			NO	NO		1	0.40	17.33
ELIZABETH LAKE	7	622	5.4	0.07	1.3 %	1	7	NO	NO	180	17	0.02	2.69
FLANAGAN LAKE	4	11	0.5	0.00	0.0 %			NO	NO	2		0.25	5.50
GEORGE LAKE	8	59	1.2	0.05	4.2 %	1	4	NO	NO	100	1	0.01	0.57
HOOKER LAKE	5	87	1.9	0.64	33.7 %		3	NO	NO	25	3	0.06	2.56
KULL LAKE *	4	13	0.6	0.00	0.0 %			NO	NO				
LEAGUE LAKE *	5	14	0.6	0.00	0.0 %			YES	NO				
LILLY LAKE	4	81	1.3	0.13	10.0 %	1	1	NO	NO	300	3	0.00	0.26
MARY-MARIE LAKE	7	297	3.4	0.15	4.4 %	1	3	NO	NO	200	17	0.01	1.18
MONTGOMERY LAKE	5	46	1.4	0.02	1.4 %	1		NO	NO	3		0.47	15.33
MUD LAKE *	8	22	0.7	0.00	0.0 %			NO	NO				
PAASCH LAKE *	8	15	0.6	0.00	0.0 %			YES	NO				
PADDOCK LAKE	5	112	2.0	0.53	26.5 %	2	1	NO	NO	100		0.02	1.12
PEAT LAKE *	7	6	0.5	0.00	0.0 %		3	YES	NO				
POWERS LAKE	7	418	4.7	0.15	3.2 %	3	1	NO	NO	220	24	0.02	1.43
ROCK LAKE	8	46	1.0	0.08	8.0 %	3	3	NO	NO	130	2	0.01	0.34
SILVER LAKE	7	499	4.1	0.40	9.8 %	2	6	NO	NO	119	11	0.03	3.28
VOLTZ LAKE	8	38	1.4	0.00	0.0 %		1	NO	NO				
TOTAL LAKES:		3353	49.4	3.29	6.7 %	23	48			1779	107	0.02	1.60
STREAMS:													
BARNES CREEK	9	1	2.8	0.00	0.0 %			YES	NO				
BASSETT CREEK	4	2	9.0	1.19	13.2 %		2	NO	NO				
BRIGHTON CREEK	5	4	15.6	0.00	0.0 %			NO	NO				
DES PLAINES RIVER EAST BR	9	7	20.0	0.00	0.0 %			YES	NO				
DES PLAINS RIVER CTR BR	5	3	13.4	0.00	0.0 %			YES	NO				
DES PLAINS RIVER MAIN BR	8	13	25.0	0.00	0.0 %			YES	NO				
DUTCH GAP CANAL	8	5	8.0	0.00	0.0 %		2	YES	NO				
FOX RIVER	7	402	36.8	1.35	3.7 %	1	15	NO	NO	150	3	0.23	2.53
HOOSIER CREEK	1	4	8.0	1.58	19.8 %		1	NO	NO				
KENOSHA SOUTH CREEK	6	1	2.2	0.00	0.0 %			YES	NO				
LOWER PLEASANT PRAIRIE DITCH	9	1	4.2	0.00	0.0 %			YES	NO				
NEW MUNSTER CREEK	4	2	5.6	0.00	0.0 %	10	19	NO	NO				

DEPARTMENT OF NATURAL RESOURCES

EXTENT OF PUBLIC FRONTAGE, ACCESS, AND PRIVATE DEVELOPMENT ON LAKES AND STREAMS

	LOC	ACRES	MILES OF SHORE LINE	MI. OF PUBLIC FRONT.	% OF SHORELN TO PUB. FRONT.	NO. OF PARKS	NO. OF ACC. ROADS	NAV. WATER ACC.	WILD-ER-NESS ACCESS	NO. OF PRIV. DWELL.	*NO. OF COMM. ENTER.	**MI. OF SHORELN PER DWELL.	**WATER ACRES PER DWELL.
PALMER CREEK	4	2	7.4	2.95	39.9 %	1	2	YES	NO				
PETERSON CREEK	4	4	12.0	0.01	0.1 %		1	YES	NO				
PIKE CREEK	6	1	2.2	0.00	0.0 %			YES	NO				
PIKE RIVER	6	15	25.4	8.80	34.6 %	2	13	YES	NO		1	8.47	5.00
SALEM BRANCH	5	1	6.0	0.00	0.0 %			YES	NO				
TREVOR CREEK	8	1	6.6	0.00	0.0 %		2	NO	NO				
UPPER PLEASANT PRAIRIE DITCH	9	2	3.4	0.00	0.0 %			YES	NO				
TOTAL STREAMS:		471	213.6	15.88	7.4 %	14	57			150	4	1.32	2.91
** COUNTY: MILWAUKEE													
LAKES:													
BISHOP LAKE	7	8	0.6	0.00	0.0 %			YES	NO	1		0.60	8.00
BOERNER BOTANICAL GARDENS	7	8	0.5	0.41	82.0 %	1	1	YES	NO				
BOERNER BOTANICAL GARDENS	7	1	0.2	0.19	95.0 %	1	1	YES	NO				
BOERNER BOTANICAL GARDENS	7	2	0.3	0.28	93.3 %	1		YES	NO				
BROWN DEER PARK POND	2	4	0.5	0.46	92.0 %	1	1	NO	NO		1	0.17	1.33
DINEEN POND	4	2	0.4	0.35	87.5 %	1	3	NO	NO				
DUMKES LAKE	7	7	0.4	0.00	0.0 %			NO	NO	1		0.40	7.00
ESTABROOK LAGOON	3	1	2.2	0.20	9.1 %	1	2	NO	NO				
GRANT PARK POND	9	1	0.2	0.17	85.0 %	1	1	NO	NO				
GREENFIELD PARK POND	4	5	0.5	0.50	100.0 %	1	1	NO	NO		2	0.08	0.83
HOLLER POND	5	1	0.5	0.50	100.0 %	1	1	NO	NO				
HUMBOLDT PARK POND	6	5	0.4	0.40	100.0 %	1	1	NO	NO		1	0.13	1.67
JACKSON PARK POND	5	5	0.5	0.50	100.0 %	1	1	NO	NO		1	0.17	1.67
JACOBUS PD	4	1	0.2	0.02	10.0 %	1	1	NO	NO				
JUNEAU PARK POND	6	11	1.0	1.00	100.0 %	1	1	YES	NO		1	0.33	3.67
KOSCIUSZKO PK POND	5	3	0.3	0.30	100.0 %	1	4	NO	NO		1	0.10	1.00
LINDEN POND	3	2	0.4	0.00	0.0 %			NO	NO	1		0.40	2.00
MCCARTY POND	4	1	0.2	0.18	90.0 %	1	1	NO	NO		1	0.07	0.33
MCGOVERN PARK POND	2	4	0.7	0.67	95.7 %	1	3	NO	NO		1	0.23	1.33
MENOMONEE PKWY POND	4	2	0.3	0.34	113.3 %	1	2	NO	NO				
MITCHELL PARK POND	5	4	0.3	0.31	103.3 %	1	1	NO	NO		1	0.10	1.33
MONASTERY LAKE	7	12	0.6	0.00	0.0 %			NO	NO	1		0.60	12.00
MUD LAKE	8	4	0.3	0.00	0.0 %			NO	NO				
NEW ZOO POND	4	5	0.3	0.27	90.0 %	1	1	NO	NO				
NORTH GOLF COURSE POND (L)	1	3	0.3	0.32	106.7 %	1	1	NO	NO				
NORTH GOLF COURSE POND (M)	1	1	0.3	0.26	86.7 %	1	1	NO	NO				
NORTH GOLF COURSE POND (S)	1	1	0.1	0.12	120.0 %	1	1	NO	NO				
NOYES PD	1	1	0.2	0.17	85.0 %	1		NO	NO				
OAK CREEK POND	9	4	0.3	0.34	113.3 %	1	2	YES	NO				
ROOT RIVER PKWY POND	7	8	0.6	0.58	96.7 %	1		NO	NO				
SAVELAND PK PD	5	1	0.1	0.10	100.0 %	1	2	NO	NO				
SCHRODEL POND	1	5	0.5	0.00	0.0 %			NO	NO				
SCOUT LAKE	8	8	0.5	0.50	100.0 %	1	1	NO	NO				

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SHERIDAN PARK POND	6	1	0.1	0.02	20.0 %	1	1	NO	NO				
UEIHLEIN POND	2	1	0.1	0.00	0.0 %			NO	NO	1		0.10	1.00
UNDERWOOD CK POND SHOLES PK	4	2	0.0	0.30	0.0 %	1	1	NO	NO				
WASHINGTON PARK POND	5	12	0.8	0.80	100.0 %	1	1	NO	NO				
WHITNALL PARK POND	4	13	0.7	0.70	100.0 %	1	1	NO	NO				
WILSON PARK POND	5	7	0.6	0.60	100.0 %	1	3	NO	NO		1	0.20	2.33
WOOD HOSPITAL POND	5	1	0.3	0.26	86.7 %	1		NO	NO				
TOTAL LAKES:		168	17.3	12.12	70.1 %	33	42			5	11	0.46	4.42
STREAMS:													
HONEY CREEK	4	12	16.8	8.00	47.6 %		9	YES	NO				
INDIAN CREEK	3	2	3.8	0.00	0.0 %		3	YES	NO				
KINNICKINNIC R	6	16	13.8	11.00	79.7 %	1	9	YES	NO				
LINCOLN CREEK	3	21	14.3	9.00	62.9 %	1	10	YES	NO				
LITTLE MENOMINEE RIVER	1	13	13.5	9.50	70.4 %	1	12	YES	NO				
MENOMONEE RIVER	5	77	31.7	18.80	59.3 %	6	20	YES	NO				
MILWAUKEE RIVER	6	188	30.8	6.36	20.6 %	1	13	YES	NO				
OAK CREEK	9	24	24.2	15.24	63.0 %	1	15	YES	NO				
ROOT R-HALES CORNERS BRANCH	7	1	0.7	0.70	100.0 %			NO	NO				
ROOT R-WHITNALL PK BRANCH	7	4	5.1	4.26	83.5 %		2	YES	NO				
ROOT RIVER	9	41	37.8	3.04	8.0 %	2	18	YES	NO				
ROOT RIVER CANAL	7	2	2.8	1.50	53.6 %			YES	NO				
UNDERWOOD CREEK	4	4	6.6	5.00	75.8 %		3	YES	NO				
WILSON PARK CREEK	5	5	8.2	0.76	9.3 %		3	NO	NO				
WOOD CREEK	5	1	1.5	0.00	0.0 %			NO	NO				
TOTAL STREAMS:		411	211.6	93.16	44.0 %	13	117					0.00	0.00
** COUNTY: OZAUKEE													
LAKES:													
BIG BIENBORN *	4	12	0.6	0.00	0.0 %			NO	NO				
CEDARBURG POND	8	15	1.3	0.28	21.5 %	1		YES	NO	30		0.04	0.50
CEDARBURG STONE QUARRY	8	6	0.5	0.00	0.0 %			NO	NO				
CHAIR FACTORY MILLPOND	5	6	1.0	0.00	0.0 %			YES	NO	8		0.13	0.75
DALY LAKE *	4	13	0.6	0.00	0.0 %			NO	NO		1	0.20	4.33
DONUT	7	4	0.3	0.15	50.0 %			NO	YES				
FROMM PIT	8	4	0.3	0.00	0.0 %			NO	NO	1		0.30	4.00
GRAFTON MILLPOND	5	25	2.7	0.13	4.8 %	1	4	YES	NO	20		0.14	1.25
HANNEMAN -KUENN-	8	6	0.4	0.00	0.0 %			NO	NO	1		0.40	6.00
HANSEN *	4	6	0.4	0.00	0.0 %			NO	YES				
HUIRAS L *	4	26	1.2	0.00	0.0 %			NO	YES				
LIME KILN MILLPOND	5	4	0.5	0.00	0.0 %			YES	NO	7		0.07	0.57

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LITTLE BIENBORN *	4	5	0.4	0.00	0.0 %			NO	NO				
LONG	4	34	1.5	0.00	0.0 %			NO	NO	1		1.50	34.00
LUDOWISSI	2	11	0.5	0.00	0.0 %			NO	NO	1	1	0.13	2.75
MOLDENHAUER	5	3	0.4	0.01	2.5 %		1	NO	NO				
MUD LAKE	4	245	3.1	3.00	96.8 %			NO	YES	1		3.10	245.00
PIT LAKE	9	35	1.5	0.00	0.0 %			NO	NO	1		1.50	35.00
ROECKLS	4	3	0.4	0.00	0.0 %			NO	NO				
SPRING L -RANDOM-	1	66	1.7	0.00	0.0 %			NO	NO	3	1	0.28	11.00
THIENSVILLE MILLPOND	8	45	3.0	0.25	8.3 %	1	1	YES	NO	31		0.10	1.45
UNNAMED T10 R21 3	4	2	0.2	0.00	0.0 %			NO	NO				
UNNAMED T11 R21 17	4	12	0.5	0.00	0.0 %			NO	NO	1		0.50	12.00
UNNAMED T11 R21 19	4	3	0.3	0.00	0.0 %			NO	NO	1		0.30	3.00
UNNAMED T11 R21 20		2	0.3	0.00	0.0 %			NO	NO				
UNNAMED T11 R21 20	4	4	0.3	0.00	0.0 %			NO	NO				
UNNAMED T11 R21 20	4	2	0.3	0.00	0.0 %			NO	NO				
UNNAMED T11 R21 21	4	5	0.5	0.00	0.0 %			NO	NO	1		0.50	5.00
UNNAMED T11 R21 5	1	4	0.4	0.00	0.0 %			NO	NO				
UNNAMED T11N R21E 20 *	4	10	0.6	0.00	0.0 %			NO	NO				
UNNAMED T12 R21 14 *	2	5	0.4	0.00	0.0 %			NO	NO				
UNNAMED T12 R21 2	2	1	0.3	0.00	0.0 %			NO	NO				
UNNAMED T12 R21 5	1	3	0.3	0.00	0.0 %			NO	NO				
UNNAMED T12 R23 19	3	23	0.7	0.00	0.0 %			NO	NO	1		0.70	23.00
UNNAMED T9 R21 15	8	8	0.6	0.00	0.0 %			NO	NO				
UNNAMED T9 R21 36	8	49	1.4	0.00	0.0 %			NO	NO	1		1.40	49.00
UNNAMED T9 R22 7	9	5	0.5	0.00	0.0 %			NO	NO				
UNNAMED T9 R22 7	9	7	0.5	0.00	0.0 %			NO	NO				
TOTAL LAKES:		719	30.4	3.82	12.6 %	3	6			110	3	0.26	6.04
STREAMS:													
CEDAR CREEK	8	131	31.4	0.10	0.3 %		10	YES	NO	33		0.95	3.97
CEDAR CREEK N BR	4	1	2.0	0.01	0.5 %		1	NO	NO				
LITTLE MENOMINEE RIVER	7	2	7.2	0.03	0.4 %		3	NO	NO	1		7.20	2.00
MILWAUKEE R N BR	1	5	1.8	0.00	0.0 %			YES	NO				
MILWAUKEE RIVER	8	643	75.8	2.98	3.9 %	5	20	YES	NO	202	3	0.36	3.05
PIGEON CR		2	4.8	0.03	0.6 %		3	YES	NO				
SAUK CREEK	6	35	26.0	1.00	3.8 %		10	YES	NO				
SILVER CREEK	1	3	2.2	0.02	0.9 %		2	YES	NO				
SUCKER CREEK	6	6	17.4	0.04	0.2 %		4	NO	NO				
UNNAMED T10N R21E SEC 7	4	2	3.6	0.02	0.6 %		2	NO	NO				
UNNAMED T11N R21E SEC 27	5	1	2.0	0.01	0.5 %		1	NO	NO				
UNNAMED T11N R21E SEC 36	5	1	2.0	0.02	1.0 %		2	NO	NO				
UNNAMED T11N R21E SEC 7	4	1	3.5	0.01	0.3 %		1	NO	NO				
UNNAMED T11N R22E SEC 28	6	1	0.8	0.03	3.8 %		3	NO	NO				
UNNAMED T12N R21E SEC 2-5	2	1	0.6	0.01	1.7 %		1	NO	NO				
UNNAMED T12N R21E SEC 2-7	2	1	0.3	0.00	0.0 %			NO	YES				

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UNNAMED T12N R21E SEC 2-8	2	1	0.3	0.01	3.3 %		1	NO	NO				
UNNAMED T12N R21E SEC 7	1	1	4.4	0.02	0.5 %		2	NO	NO				
UNNAMED T12N R21E SEC 7-4	1	1	4.4	0.02	0.5 %		2	NO	NO				
UNNAMED T12N R22E -3	3	1	2.0	0.02	1.0 %		2	NO	NO				
UNNAMED T12N R22E SEC 20-7	2	2	5.4	0.03	0.6 %		3	NO	NO				
UNNAMED T12N R22E SEC 4	3	1	0.6	0.02	3.3 %		2	NO	NO				
UNNAMED T12N R22E 20-6	2	5	9.8	0.03	0.3 %		3	NO	NO				
UNNAMED T9N R21E SEC 12	9	1	4.2	0.03	0.7 %		3	NO	NO				
UNNAMED T9N R21E SEC 29	7	2	6.2	0.02	0.3 %		2	NO	NO				
UNNAMED T9N R21E SEC 35	8	1	4.1	0.02	0.5 %		2	NO	NO				
UNNAMED T9N R21E SEC 36	8	1	0.8	0.01	1.3 %		1	NO	NO				
UNNAMED T9N R22E SEC 18	8	2	3.6	0.02	0.6 %		2	NO	NO				
UNNAMED T9N R22E SEC 33	9	1	3.4	0.01	0.3 %		1	NO	NO				
TOTAL STREAMS:		856	230.6	4.57	2.0 %	5	89			236	3	0.94	3.49
** COUNTY: RACINE													
LAKES:													
BISANABI LAKE	1	14	1.0	0.00	0.0 %			NO	NO	3		0.33	4.67
BOHNERS LAKE	7	124	1.8	0.10	5.6 %	1	3	NO	NO	95	3	0.02	1.19
BROCK LAKE	4	13	0.8	0.00	0.0 %			YES	NO	1	1	0.20	3.25
BROWNS LAKE	7	383	5.0	0.15	3.0 %	1	2	YES	NO	198	9	0.02	1.70
BUENA LAKE	1	108	3.9	0.02	0.5 %		4	YES	NO	363		0.01	0.30
DELMONTE LAKE	4	46	0.4	0.00	0.0 %			NO	NO	16		0.03	2.88
EAGLE LAKE	5	509	4.3	0.05	1.2 %	1	2	NO	NO	144	8	0.03	3.03
ECHO LAKE	7	102	5.6	0.05	0.9 %	1	4	YES	NO	9		0.62	11.33
FRIEDA LAKE *	4	11	0.5	0.00	0.0 %			NO	NO				
KE NONG GO MONG	1	96	2.2	0.00	0.0 %		2	NO	NO	53	1	0.04	1.71
LONG LAKE	4	123	2.2	0.00	0.0 %			NO	NO	14	1	0.13	7.24
OVERSON POND *	5	18	0.8	0.00	0.0 %			NO	NO				
ROCKLAND LAKE	7	45	1.4	0.00	0.0 %			NO	NO	2	1	0.28	9.00
RODGERS POND *	7	11	0.4	0.00	0.0 %			NO	YES				
TAHOE LAKE	4	6	0.4	0.00	0.0 %			NO	NO	11		0.04	0.55
TICHIGAN LAKE	1	268	4.8	0.01	0.2 %		1	YES	NO		6	0.27	14.89
WAUBEESEE LAKE	2	132	2.3	0.01	0.4 %		1	YES	NO	144	2	0.02	0.88
WIND LAKE	2	821	5.8	0.30	5.2 %	1	3	YES	NO	212	10	0.02	3.39
TOTAL LAKES:		2830	43.6	0.69	1.6 %	5	22			1265	42	0.03	2.03
STREAMS:													
BOHNER CREEK	7	3	8.4	0.02	0.2 %	1	7	YES	NO	3		2.80	1.00
BROWNS LAKE OUTLET	7	1	3.0	0.00	0.0 %			YES	NO				
E EAGLE LAKE DITCH	5	1	0.2	0.00	0.0 %		1	NO	NO				

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E WIND LAKE CANAL	1	23	13.5	0.00	0.0 %		5	YES	NO				
EAGLE LAKE OUTLET	4	5	10.0	0.00	0.0 %		4	YES	NO				
FOX RIVER	7	323	35.2	6.80	19.3 %	3	14	YES	NO	50		0.70	6.46
GOOSE LAKE DITCH	2	4	5.7	0.00	0.0 %		2	YES	NO				
HONEY CREEK	4	7	3.0	0.00	0.0 %		1	YES	NO				
HOOD CRK	3	10	14.0	0.00	0.0 %		6	NO	NO				
HOOSIER CREEK	7	10	10.0	0.00	0.0 %		2	YES	NO				
HUSHER CRK	3	2	7.0	0.00	0.0 %		3	NO	NO				
LONG LAKE CHANNEL	4	1	1.0	0.00	0.0 %		1	NO	NO				
MUSKEGO CREEK	4	35	14.6	0.02	0.1 %		6	YES	NO				
PIKE RIVER-N BR	9	3	9.4	0.00	0.0 %		7	NO	NO				
ROOT RIVER	6	166	6.5	1.00	15.4 %	2	3	YES	NO	52		0.13	3.19
TICHIGAN CRK	1	2	3.2	2.00	62.5 %		2	YES	NO				
WHITE RIVER	7	12	2.0	0.01	0.5 %	1	1	YES	NO				
TOTAL STREAMS:		608	146.7	9.85	6.7 %	7	65			105		1.40	5.79

** COUNTY: WALWORTH

LAKES:

BEULAH LAKE	3	712	9.5	0.02	0.2 %		2	YES	NO	306	8	0.03	2.16
BOOTH LAKE	3	108	1.5	0.30	20.0 %	1	1	NO	NO	80	5	0.02	1.14
CEDAR GROVE LAKE	2	12	1.1	0.00	0.0 %			NO	NO	2		0.55	6.00
COMO-LAKE	8	1058	8.1	0.95	11.7 %		3	NO	NO	126	11	0.05	6.65
COMUS LAKE	4	117	5.1	0.15	2.9 %	1	3	YES	NO				
CRAVATH LAKE	1	65	2.5	0.02	0.8 %		2	YES	NO	9		0.28	7.22
DELAVAN LAKE	8	2072	17.7	0.77	4.4 %	2	4	YES	NO	435	14	0.04	4.34
EAST TROY LAKE-ARMY LAKE	3	76	1.4	0.01	0.7 %		1	NO	NO	114	5	0.01	0.59
EAST TROY POND-TRENT LAKE	3	6	1.2	0.01	0.8 %		1	YES	NO	9		0.13	0.67
GENEVA-LAKE	8	5104	20.1	1.50	7.5 %	3	7	YES	NO	484	5	0.04	10.23
GREEN LAKE	2	292	0.4	0.00	0.0 %			YES	NO		3	0.04	32.44
HILBURN POND	3	17	0.8	0.40	50.0 %		2	YES	NO	1		0.80	17.00
IVANHOE LAKE	9	41	1.0	0.21	21.0 %		1	NO	NO	3	1	0.17	6.83
LA GRANGE LAKE	1	55	1.4	0.00	0.0 %			NO	NO				
LORRAINE LAKE	1	133	3.2	0.00	0.0 %		1	YES	NO	26		0.12	5.12
LOWER WHITEWATER LAKE	1	137	3.4	3.40	100.0 %	1	1	NO	NO		1	1.13	45.67
LULU LAKE	3	95	1.1	0.00	0.0 %			YES	NO	1	3	0.11	9.50
LYONS MILLPOND	6	12	1.1	0.01	0.9 %		1	YES	NO				
MIDDLE LAKE	2	256	5.3	0.00	0.0 %		2	NO	NO	96	4	0.05	2.37
MILL LAKE	2	261	1.5	0.02	1.3 %		1	NO	NO	129	3	0.01	1.89
MUD LAKE *	3	23	0.7	0.00	0.0 %			NO	NO				
NORTH LAKE	1	191	4.8	0.01	0.2 %		1	NO	NO	33		0.15	5.79
NUMBER 10 LAKE *	1	34	0.1	0.00	0.0 %			NO	NO				
PELL LAKE	9	107	1.8	1.60	88.9 %	1	1	NO	NO	29	2	0.05	3.06
PETERS LAKE	2	60	1.2	0.00	0.0 %			NO	NO	6		0.20	10.00
PICKEREL LAKE *	3	27	0.7	0.00	0.0 %			YES	NO				

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EXTENT OF PUBLIC FRONTAGE, ACCESS, AND PRIVATE DEVELOPMENT ON LAKES AND STREAMS

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PLEASANT LAKE	2	138	2.7	0.15	5.6 %	1	1	NO	NO	64	2	0.04	1.97
POTTERS LAKE	3	157	2.1	0.05	2.4 %	1	2	NO	NO	240	3	0.01	0.63
SILVER LAKE	5	86	1.5	0.08	5.3 %		1	NO	NO				
SWIFT LAKE	2	17	0.7	0.00	0.0 %			NO	NO	16		0.04	1.06
TOMBEAU LAKE	9	32	1.6	0.02	1.3 %		1	NO	NO	16	2	0.07	1.45
TRAPP LAKE	1	115	2.9	0.08	2.8 %	1	2	YES	NO	10	1	0.22	8.85
TURTLE LAKE	4	140	2.6	0.00	0.0 %			YES	NO	32	11	0.04	2.15
VIENNA LAKE-HONEY	6	42	1.4	0.15	10.7 %		1	YES	NO	25		0.06	1.68
WANDAWEGA LAKE	2	119	2.1	0.02	1.0 %		3	NO	NO	32		0.07	3.72
WHITEWATER LAKE	1	640	9.8	0.60	8.2 %	1	4	NO	NO	167	9	0.05	3.30
TOTAL LAKES:		12557	124.1	10.73	8.6 %	13	50			2491	93	0.04	4.53
STREAMS:													
BAKER CREEK	5	2	3.6	0.00	0.0 %		4	NO	NO				
BLOOMFIELD CREEK	9	3	7.0	0.00	0.0 %		3	YES	NO				
BLUFF CREEK	1	2	4.0	4.00	100.0 %	1	1	YES	NO				
COMO CREEK	6	6	7.6	0.00	0.0 %		4	YES	NO				
DARIEN CREEK	7	8	10.6	0.00	0.0 %		5	NO	NO				
HONEY CREEK	6	55	37.0	0.00	0.0 %	2	10	YES	NO				
HORTON CREEK	1	6	9.4	0.00	0.0 %		2	YES	NO				
INDIAN RUN CREEK	6	2	5.0	0.00	0.0 %		2	NO	NO				
JACKSON CREEK	5	5	4.6	0.00	0.0 %		3	YES	NO		2	0.77	0.83
LADD CREEK	7	11	14.8	0.00	0.0 %		7	NO	NO				
LIGHTBODY CREEK	8	1	1.2	0.00	0.0 %		1	NO	NO				
MUKWONAGO RIVER	3	3	3.0	0.00	0.0 %		1	YES	NO				
NIPPERSINK CREEK	9	15	10.4	0.00	0.0 %		5	YES	NO				
NIPPERSINK NE BR	9	7	9.4	0.00	0.0 %		4	NO	NO				
NIPPERSINK W BR	9	9	14.8	0.00	0.0 %		4	NO	NO				
ORE CR 1ST BR	6	3	5.4	0.00	0.0 %		3	NO	NO				
ORE CR 2ND BR	6	1	5.6	0.00	0.0 %		2	NO	NO				
ORE CREEK	6	5	7.2	0.00	0.0 %		9	YES	NO				
PISCASAW CR	7	4	4.4	0.00	0.0 %		2	NO	NO				
SPRING BROOK	6	5	7.0	0.00	0.0 %		5	NO	NO				
SPRING CREEK	3	3	7.0	0.00	0.0 %		3	NO	NO				
SPRING VALLEY CREEK	6	6	12.0	0.25	2.1 %		5	YES	NO				
STEEL BROOK	1	1	4.0	0.00	0.0 %		2	NO	NO				
SUGAR CREEK	6	43	39.0	1.50	3.8 %	1	10	YES	NO				
TURTLE BRANCH	4	16	13.0	0.00	0.0 %	1	4	YES	NO				
TURTLE CREEK	4	71	26.0	16.00	61.5 %	2	8	YES	NO				
WHITE RIVER	6	66	24.8	0.01	0.0 %	1	6	YES	NO				
WHITEWATER CR	1	13	8.6	2.28	26.5 %	1	2	YES	NO				
WILLIAMS BAY CREEK	8	1	2.2	0.01	0.5 %	1	1	NO	NO				
TOTAL STREAMS:		373	308.6	24.05	7.8 %	10	118				2	51.43	62.17

** COUNTY: WASHINGTON

LAKES:

AMY BELLE	8	31	1.0	0.00	0.0 %			NO	NO	35	3	0.02	0.70

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BARK L	8	65	1.8	0.10	5.6 %		1	NO	NO	93	2	0.02	0.66
BARTON POND	2	51	1.2	0.25	20.8 %	1	3	YES	NO				
BECK L	7	16	0.6	0.00	0.0 %			NO	NO	1		0.60	16.00
BIG CEDAR L	5	1004	10.0	0.03	0.3 %		3	YES	NO	505	8	0.02	1.90
BRICKYARD L	2	1	0.1	0.00	0.0 %			NO	NO				
DRUID L	7	124	1.7	0.01	0.6 %		1	YES	NO	64		0.03	1.94
EHNE L	3	18	1.0	0.00	0.0 %			NO	NO	1		1.00	18.00
ERLER L	3	35	0.9	0.00	0.0 %			NO	NO	2	1	0.18	7.00
FIVE-LAKE	8	102	1.9	0.00	0.0 %			NO	NO	29	2	0.05	2.91
FRIESS L	8	131	2.6	0.02	0.8 %		5	YES	NO	85	7	0.02	1.24
GILBERT L	5	40	1.8	0.00	0.0 %			YES	NO	2		0.90	20.00
GREEN L	3	82	2.1	0.00	0.0 %		1	NO	NO	70	5	0.02	0.96
HACKBARTH-LIT SILVER L	5	9	0.4	0.00	0.0 %			NO	NO	2	2	0.05	1.13
HARTFORD MILLPOND	4	11	0.9	0.06	6.7 %	1	3	YES	NO	5		0.18	2.20
HASSMER L	5	13	0.5	0.00	0.0 %			NO	NO	3	1	0.08	2.17
HAWTHORN L	6	8	0.5	0.00	0.0 %			NO	NO	2		0.25	4.00
HICKEY LAKE *	7	10	0.5	0.00	0.0 %			NO	YES				
KEOWN POND	6	1	0.2	0.00	0.0 %			NO	NO	1		0.20	1.00
KEWASKUM MILLPOND	7	5	1.0	0.40	40.0 %	1	1	YES	NO				
KHOLSVILLE MILLPOND	1	6	0.3	0.02	6.7 %	1		NO	NO	2		0.15	3.00
LEHNER L	5	4	0.6	0.00	0.0 %			NO	NO				
LEINBERGER L	2	9	0.5	0.00	0.0 %			NO	NO				
LENT LAKE	5	8	0.9	0.00	0.0 %			YES	NO	1		0.90	8.00
LENWOOD-BENIKE L	3	14	0.6	0.00	0.0 %			NO	NO	15	2	0.03	0.67
LITTLE CEDAR L	5	259	4.0	0.00	0.0 %			YES	NO	134	6	0.03	1.70
LITTLE DRICKENS L	2	9	0.4	0.00	0.0 %			NO	NO				
LITTLE FRIESS-BONY L	8	14	0.5	0.01	2.0 %		1	YES	NO	6		0.08	2.33
LOEW L	7	25	0.9	0.00	0.0 %			YES	NO	1		0.90	25.00
LOHR POND *	7	7	0.5	0.00	0.0 %			NO	NO				
LUCAS L	5	73	2.8	0.00	0.0 %			NO	NO	6	1	0.31	8.11
MALLOY L *	7	5	0.4	0.00	0.0 %			YES	YES				
MAYER MILLPOND	8	2	0.4	0.00	0.0 %			YES	NO				
MAYFIELD POND	5	8	0.6	0.00	0.0 %			NO	NO				
MC CONVILLE L	7	14	0.8	0.00	0.0 %			YES	YES	2		0.40	7.00
MILLER L	3	3	4.1	0.00	0.0 %			NO	NO				
MUD L	5	23	0.8	0.00	0.0 %			NO	NO	1		0.80	23.00
MUD L	8	5	0.5	0.00	0.0 %			NO	YES		1	0.17	1.67
MUELLERS L	5	10	0.5	0.00	0.0 %			NO	NO	10	1	0.04	0.77
MURPHY L	7	16	0.7	0.00	0.0 %			YES	YES	2		0.35	8.00
NEWBURG POND	3	7	1.0	0.02	2.0 %		2	YES	NO	2		0.50	3.50
PIKE L	7	522	3.8	1.50	39.5 %		2	YES	NO	112	6	0.03	4.02
PROSCHINGER L	6	6	0.3	0.00	0.0 %			NO	YES	1		0.30	6.00
QUAS L *	5	7	0.4	0.00	0.0 %			NO	NO				
RADTKE L	6	10	0.4	0.00	0.0 %			NO	NO	1		0.40	10.00
ROCKFIELD QUARRY POND		3	0.3	0.00	0.0 %			NO	NO	3		0.10	1.00
SILVER LAKE	5	119	2.6	0.00	0.0 %			NO	NO	139	4	0.02	0.79
SMITH-DICKENS L	2	77	1.7	0.01	0.6 %		1	NO	NO	8	1	0.15	7.00
TILLIE L	5	12	0.5	0.00	0.0 %			NO	NO	1	1	0.13	3.00

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TWELVE-LAKE	3	56	1.1	0.00	0.0 %			YES	NO	2	1	0.22	11.20
WALLACE L	3	50	1.2	0.01	0.8 %		1	NO	NO	47	4	0.02	0.85
WERNER POND	7	9	0.7	0.02	2.9 %		1	NO	NO				
WEST BEND POND	5	73	2.5	0.04	1.6 %	1	3	YES	NO				
TOTAL LAKES:		3222	68.0	2.50	3.7 %	5	29			1396	59	0.04	2.05
STREAMS:													
ALLENTON CREEK	4	2	5.0	4.80	96.0 %		2	YES	NO		1	1.67	0.67
ASHIPPUN RIVER	7	13	19.2	0.05	0.3 %		5	YES	NO				
BARK RIVER	8	4	5.0	0.04	0.8 %		4	YES	NO				
CEDAR CREEK	6	61	32.0	4.12	12.9 %		12	YES	NO		3	3.56	6.78
CEDAR CREEK N BR	6	7	12.6	0.06	0.5 %		6	NO	NO				
CEDARBURG CR	6	5	6.0	0.02	0.3 %		2	NO	NO				
CONEY RIVER	8	2	12.4	0.07	0.6 %		7	NO	NO				
ENGMOW CRK	2	1	3.0	0.02	0.7 %		4	YES	NO				
ERLER OUTLET	3	2	2.6	0.01	0.4 %		2	YES	NO	1	1	0.65	0.50
EVERGREEN CREEK	6	2	9.8	0.01	0.1 %		3	NO	NO	1		9.80	2.00
FLYNN CR	7	7	0.0	0.01	0.0 %		3	NO	NO	1			7.00
GOLDEN DALE CRK	9	2	0.4	0.01	2.5 %		2	NO	NO				
JUNK CRK	2	1	0.2	0.01	5.0 %		1	YES	NO				
KEWASKUM CR	2	9	12.8	0.03	0.2 %		3	YES	NO				
KOHLSVILLE RIVER	1	12	15.8	2.28	14.4 %		8	YES	NO		1	5.27	4.00
KRESSIN BRANCH	9	7	0.9	0.01	1.1 %		2	NO	NO				
LEHNER OUTLET	6	2	14.0	0.02	0.1 %		2	NO	NO				
LIMESTONE CREEK	4	12	11.6	3.20	27.6 %			YES	NO				
LITTLE CEDAR CREEK	9	7	12.0	0.00	0.0 %			YES	NO				
LITTLE OCONOMOWOC RIVER	7	4	5.0	0.01	0.2 %		2	YES	NO	1		5.00	4.00
MASON CREEK	7	1	3.4	0.01	0.3 %		1	NO	NO				
MEADOW BROOK	8	2	2.0	0.01	0.5 %		1	NO	NO				
MENOMONEE RIVER	9	14	12.4	0.04	0.3 %		8	NO	NO				
MILWAUKEE R N BR	3	53	14.6	0.04	0.3 %		5	YES	NO				
MILWAUKEE R-E BR	2	31	12.0	8.90	74.2 %		2	YES	NO		1	4.00	10.33
MILWAUKEE R-W BR	2	4	9.0	0.01	0.1 %		2	YES	NO				
MILWAUKEE RIVER	3	260	51.6	0.30	0.6 %	1	9	YES	NO		1	17.20	86.67
MYRA CREEK	6	3	5.2	0.01	0.2 %		2	YES	NO				
NOLAN CREEK	1	2	2.8	0.02	0.7 %		2	YES	NO				
OCONOMOWOC RIVER	7	17	17.0	0.07	0.4 %		7	YES	NO				
POLK SPRING CRK	9		3.6	0.01	0.3 %		2	NO	NO				
QUAS CREEK	6	8	11.8	0.05	0.4 %		8	YES	NO				
ROCK RIVER E BR	1	62	31.0	11.48	37.0 %		6	YES	NO		2	5.17	10.33
RUBICON R	4	12	1.6	0.10	6.3 %	1	14	YES	NO				
SILVER CR	2	4	8.0	0.08	1.0 %	1	5	YES	NO				
STONY CRK	3	13	18.8	0.06	0.3 %		9	NO	NO				
WALLACE CREEK	3	13	17.2	0.03	0.2 %		6	YES	NO				
WAYNE CREEK	1	6	1.1	0.03	2.7 %		5	NO	NO				

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WILLOW CRK	9	3	0.5	0.01	2.0 %		2	NO	NO				
TOTAL STREAMS:		670	403.9	36.04	8.9 %	3	166			4	10	11.88	19.71
** COUNTY: WAUKESHA													
LAKES:													
APPLEBECKER MILLPOND	4	12	0.8	0.00	0.0 %			YES	NO	2		0.40	6.00
ASHIPPUN L	1	84	2.1	0.33	15.7 %	1		YES	NO	20	1	0.09	3.65
BEAVER DAM L *	7	36	2.3	0.00	0.0 %			NO	NO				
BEAVER L	2	316	3.6	0.00	0.0 %		1	NO	NO	144	1	0.02	2.15
BIG BEND MILLPOND	9	7	0.4	0.00	0.0 %			NO	NO	1	2	0.06	1.00
BIG MUSKEGO L	9	2260	11.8	0.00	0.0 %			NO	NO	135	14	0.07	12.77
BROWN LAKE	7	12	0.5	0.00	0.0 %			NO	YES	1		0.50	12.00
BUTH LAKE	4	4	0.3	0.00	0.0 %			NO	NO				
CORNELL L	2	41	1.6	0.00	0.0 %			NO	NO	4		0.40	10.25
CROOKED L	4	58	2.3	0.00	0.0 %			YES	NO	7	1	0.23	5.80
DENOON L	9	162	2.4	0.00	0.0 %			NO	NO	94	1	0.02	1.67
DUCK LAKE	4	12	0.5	0.00	0.0 %			NO	NO	1		0.50	12.00
DUTCHMAN -LADL- *	4	33	1.0	0.00	0.0 %			NO	NO		1	0.33	11.00
EAGLE SPRING L	7	227	4.0	0.03	0.8 %		3	YES	NO	226	4	0.02	0.95
EGG LAKE	9	2	0.3	0.00	0.0 %			NO	YES				
ETTER LAKE *	8	11	0.6	0.00	0.0 %			NO	NO				
FLORENCE LAKE	1	19	0.9	0.38	42.2 %		2	NO	NO				
FOREST L	1	41	1.3	0.00	0.0 %			NO	NO	1		1.30	41.00
FOWLER	1	78	1.7	0.15	8.8 %	1	4	YES	NO	70	1	0.02	1.07
FUNKS MILLPOND	2	31	1.9	0.00	0.0 %			YES	NO				
GARVIN LAKE	1	17	0.8	0.00	0.0 %			NO	NO	1		0.80	17.00
GENESEE MILL POND	5	4	0.4	0.00	0.0 %			NO	NO	1		0.40	4.00
GOLDEN L	4	250	3.4	0.00	0.0 %		1	NO	NO	110	5	0.03	2.00
HENRIETTA L	4	23	0.8	0.00	0.0 %			NO	NO	9		0.09	2.56
HOGAN LAKE *	7	8	0.9	0.00	0.0 %			YES	YES				
HUNTERS LAKE	4	65	1.9	0.00	0.0 %			NO	NO	45	1	0.04	1.35
KEESUS L	2	237	5.0	0.27	5.4 %		4	NO	NO	50	6	0.07	3.49
LAC LA BELLE	1	1117	7.7	0.16	2.1 %	3	7	YES	NO	302	2	0.03	3.63
LANNON PARK POND	3	15	0.8	0.82	102.5 %	1	1	NO	NO				
LARKIN LAKE	4	57	0.9	0.00	0.0 %			NO	NO	1		0.90	57.00
LEOTA LAKE	4	8	0.5	0.00	0.0 %			NO	NO	1		0.50	8.00
LINNIE LAKE	9	6	0.5	0.00	0.0 %			NO	NO	30		0.02	0.20
LITTLE MUSKEGO	9	518	5.7	0.01	0.2 %		1	NO	NO	306	4	0.02	1.63
LOWER GENESSE	4	66	1.4	0.14	10.0 %		1	NO	NO	49		0.03	1.35
LOWER KELLY	9	3	0.3	0.00	0.0 %		1	NO	NO	3		0.10	1.00
LOWER NASHOTA	1	90	2.0	0.00	0.0 %		1	YES	NO	47		0.04	1.91
LOWER NEMAHBIN	4	271	3.3	0.03	0.9 %		2	YES	NO	154	3	0.02	1.66
LOWER PHANTOM	8	166	3.3	0.03	0.9 %		6	YES	NO	92	4	0.03	1.60
MERTON MILLPOND	2	38	1.8	0.03	1.7 %		1	NO	NO	1		1.80	38.00

3700-320-32

DEPARTMENT OF NATURAL RESOURCES

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MIDDLE GENESSE L	4	102	1.6	0.13	8.1 %		1	NO	NO	27		0.06	3.78
MONCHES MILLPOND	2	16	0.9	0.00	0.0 %			YES	NO	2		0.45	8.00
MONTEREY MILLPOND	1	30	18.2	0.01	0.1 %		1	YES	NO	1		18.20	30.00
MOOSE LAKE	1	81	2.3	0.00	0.0 %			NO	NO	98	2	0.02	0.78
MUD LAKE *	1	10	0.7	0.00	0.0 %			NO	NO				
MUKWONAGO PK BIG POND -ROXY PD-	7	17	0.8	0.80	100.0 %	1	1	NO	NO				
MUKWONEGO PK POND	7	1	0.2	0.23	115.0 %	1	1	NO	NO				
NAGAWICKA L	4	917	8.6	0.27	3.1 %	1	4	YES	NO	358	9	0.02	2.38
NORRIS POND	9	3	0.3	0.00	0.0 %			YES	NO				
NORTH LAKE	1	437	5.3	0.02	0.4 %		3	YES	NO	151	11	0.03	2.38
OCONOMOWOC	1	767	7.0	0.00	0.0 %			YES	NO	122	2	0.05	5.99
OKAUCHEE L	1	1187	15.0	0.08	0.5 %		9	YES	NO	821	8	0.02	1.40
OTTAWA LAKE	7	28	1.0	1.00	100.0 %	1	2	NO	NO		1	0.33	9.33
PEWAUKEE LAKE	5	2359	13.2	0.56	4.2 %	2	17	NO	NO	960	7	0.01	2.40
PINE LAKE	2	703	7.3	0.01	0.1 %		1	NO	NO	128		0.06	5.49
PRETTY LAKE	7	64	1.2	0.02	1.7 %	2	1	NO	NO	89		0.01	0.72
RAINBOW SPRINGS LAKE	7	35	1.6	0.00	0.0 %			YES	NO		1	0.53	11.67
REAGONS LAKE	4	12	0.5	0.00	0.0 %			NO	NO	2		0.25	6.00
SARATOGA LAKE	6	24	3.4	1.14	33.5 %	1	3	YES	NO				
SAYLESVILLE MILLPOND	8	66	2.2	0.00	0.0 %			YES	NO	1		2.20	66.00
SCHOOL SECTION LAKE	4	52	1.9	0.05	2.6 %		3	NO	NO	29	1	0.06	1.63
SCUPPERNONG CR POND	4	13	7.3	0.00	0.0 %		1	YES	NO	2		3.65	6.50
SILVER LAKE	1	222	2.7	2.70	100.0 %			NO	NO	75	5	0.03	2.47
SPAHN LAKE	4	4	0.3	0.00	0.0 %			NO	NO	1		0.30	4.00
SPRING L	8	100	2.3	0.00	0.0 %			NO	NO	26	1	0.08	3.45
SPRING L -DOUSMAN-	4	14	0.7	0.00	0.0 %			NO	NO	2		0.35	7.00
SUMMIT DUMP POND	4	2	0.2	0.10	50.0 %		1	NO	NO				
SYBIL LAKE	4	2	0.3	0.00	0.0 %			NO	NO	1		0.30	2.00
TIERNEYS L	1	15	0.6	0.00	0.0 %			YES	NO				
UNNAMED T5N R17E 28-11-	7	1	0.1	0.00	0.0 %			NO	YES				
UNNAMED T5N R17E 28-8-	7	4	0.4	0.37	92.5 %	1		NO	YES				
UNNAMED T5N R20E SEC 32 *	9	6	0.4	0.00	0.0 %			NO	NO				
UNNAMED T6N R17E SEC 2-6- *	4	5	0.3	0.00	0.0 %			NO	NO				
UNNAMED T6N R17E 16-16- *	4	10	0.5	0.00	0.0 %			NO	YES				
UNNAMED T6N R17E 22-6-	7	3	0.4	0.00	0.0 %			NO	YES				
UNNAMED T6N R17E 34-13-	7	4	0.5	0.00	0.0 %			NO	NO	1		0.50	4.00
UNNAMED T6N R17E 34-6-	7	3	0.3	0.25	83.3 %	1		NO	NO				
UNNAMED T6N R18E 22 -PROCTOR-	8	1	0.2	0.00	0.0 %			NO	NO	1		0.20	1.00
UNNAMED T7N R17E 1-2- *	1	8	0.5	0.00	0.0 %			NO	NO				
UNNAMED T7N R17E 10 *	1	13	0.7	0.00	0.0 %			NO	NO				
UNNAMED T7N R17E 26 *	4	8	0.5	0.00	0.0 %			NO	NO				
UNNAMED T7N R17E 31-16- *	4	5	0.4	0.00	0.0 %			NO	YES				
UNNAMED T7N R17E 36-10-	4	3	0.3	0.00	0.0 %			NO	YES				
UNNAMED T7N R17E 36-13-	4	3	0.4	0.00	0.0 %			NO	YES				
UNNAMED T8 R17E 23-88-	1	1	0.2	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E SEC 15 22 *	1	9	1.1	0.00	0.0 %			NO	YES				
UNNAMED T8N R17E 13-12-	1	3	0.4	0.00	0.0 %			NO	YES				
UNNAMED T8N R17E 13-5-	1	2	0.3	0.00	0.0 %			NO	YES				

DEPARTMENT OF NATURAL RESOURCES

EXTENT OF PUBLIC FRONTAGE, ACCESS, AND PRIVATE DEVELOPMENT ON LAKES AND STREAMS

	LOC	ACRES	MILES OF SHORE LINE	MI. OF PUBLIC FRONT.	% OF SHORELN TO PUB. FRONT.	NO. OF PARKS	NO. OF ACC. ROADS	NAV. WATER ACC.	WILD-ER-NESS ACCESS	NO. OF PRIV. DWELL.	*NO. OF COMM. ENTER.	**MI. OF SHORELN PER DWELL.	**WATER ACRES PER DWELL.
UNNAMED T8N R17E 13-6-	1	1	0.2	0.00	0.0 %			NO	YES				
UNNAMED T8N R17E 13-7-	1	4	0.3	0.00	0.0 %			NO	YES				
UNNAMED T8N R17E 13-9-	1	6	0.5	0.00	0.0 %			NO	NO	3		0.17	2.00
UNNAMED T8N R17E 14-10-	1	4	0.5	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 14-23 *	1	16	0.7	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 14-9- *	1	27	1.1	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 15-16-	1	4	0.5	0.00	0.0 %			NO	NO	1		0.50	4.00
UNNAMED T8N R17E 22-3-	1	2	0.2	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 22-8-	1	4	0.5	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 23-14- *	1	31	1.3	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 23-3-	1	3	0.4	0.00	0.0 %			NO	NO	1		0.40	3.00
UNNAMED T8N R17E 23-8A-	1	2	0.3	0.00	0.0 %			NO	NO	1		0.30	2.00
UNNAMED T8N R17E 24-5-	1	1	0.2	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 24-8-	1	2	0.2	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 25-11- *	1	6	0.4	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 25-26 *	1	10	0.6	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 26-12-15- *	1	13	0.9	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 36-14C-	1	1	0.1	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 36-17- *	1	8	0.5	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 36-9A- *	1	9	0.6	0.00	0.0 %			NO	NO				
UNNAMED T8N R17E 9-5-	1	1	0.2	0.00	0.0 %			NO	NO				
UPPER GENESSE -OTIS-	4	35	1.1	0.00	0.0 %			NO	NO	2		0.55	17.50
UPPER KELLY	9	12	0.4	0.00	0.0 %			NO	NO	12		0.03	1.00
UPPER NASHOTAH	1	133	2.3	0.00	0.0 %			YES	NO	38	1	0.06	3.24
UPPER NEMAHBIN L	4	283	2.9	0.09	3.1 %	1	1	YES	NO	82	4	0.03	3.01
UPPER OCONOMOWOC	1	43	1.6	0.01	0.6 %		1	YES	NO	4		0.40	10.75
UPPER PHANTOM	8	111	2.1	0.04	1.9 %		2	YES	NO	64	9	0.02	1.22
UTICA L	4	15	0.6	0.00	0.0 %			NO	NO	5	2	0.05	1.36
WATERVILLE MILLPOND	4	68	1.9	0.00	0.0 %			NO	NO	1		1.90	68.00
WIDGEON	4	25	0.8	0.00	0.0 %			NO	NO	1		0.80	25.00
WOOD LAKE	8	19	0.7	0.00	0.0 %			NO	NO	1		0.70	19.00
TOTAL LAKES:		14679	221.8	10.26	4.6 %	18	89			5022	115	0.04	2.74
STREAMS:													
ARTESIAN BROOK	8	1	4.0	0.00	0.0 %			YES	NO				
ASHIPPUN RIVER	1	31	19.0	0.00	0.0 %			YES	NO				
AUDLEY CREEK	5	1	2.4	0.00	0.0 %			YES	NO				
BARK RIVER	4	51	49.2	0.00	0.0 %			YES	NO				
BATTLE CREEK	4	1	7.2	0.00	0.0 %			YES	NO				
BEULAH LAKE OUTLET	8	3	2.0	0.00	0.0 %			YES	NO				
BRANDY BROOK	5	1	3.0	0.00	0.0 %			YES	NO				
FOX RIVER	9	359	91.2	0.13	0.1 %			YES	NO				
GENESEE CREEK	5	20	12.0	0.00	0.0 %			YES	NO				
HORSESHOE BROOK	8		3.0	0.00	0.0 %			YES	NO				
JERICHO CREEK	7	4	10.0	0.00	0.0 %			YES	NO				

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	LOC	ACRES	MILES OF SHORE LINE	MI. OF PUBLIC FRONT.	% OF SHORELN TO PUB. FRONT.	NO. OF PARKS	NO. OF ACC. ROADS	NAV. WATER ACC.	WILD-ER-NESS ACCESS	NO. OF PRIV. DWELL.	*NO. OF COMM. ENTER.	**MI. OF SHORELN PER DWELL.	**WATER ACRES PER DWELL.
KRUGER BROOK	9	1	1.0	0.00	0.0 %			YES	NO				
LANNON CREEK	3	1	4.0	0.00	0.0 %			YES	NO				
LITTLE OCONOMOWOC RIVER	2	2	6.2	0.00	0.0 %			YES	NO				
MASON CREEK	1	3	7.0	0.00	0.0 %			YES	NO				
MENOMONEE RIVER	3	20	12.4	0.00	0.0 %			YES	NO				
MILL BROOK	8	12	17.0	0.28	1.6 %			YES	NO				
MILL CREEK	8	4	5.6	0.00	0.0 %			YES	NO				
MUKWONAGO RIVER	8	49	19.4	0.00	0.0 %			YES	NO				
MUSKEGO CREEK	9	2	3.0	0.00	0.0 %			YES	NO				
OCONOMOWOC RIVER	1	121	28.3	0.00	0.0 %			YES	NO				
PEBBLE BROOK	8	3	2.6	0.00	0.0 %			YES	NO				
PEBBLE CREEK	5	8	13.0	0.00	0.0 %			YES	NO				
PEWAUKEE RIVER	6	26	9.6	0.00	0.0 %			YES	NO				
POPLAR RIVER	6		15.0	0.00	0.0 %			YES	NO				
RED WING CREEK	8	1	3.0	0.00	0.0 %			YES	NO				
RIPPLE BROOK	9		1.0	0.00	0.0 %			YES	NO				
ROSENOW CREEK	1	2	7.2	0.00	0.0 %			YES	NO				
SCHOOL SECTION DITCH	4		10.2	0.00	0.0 %			YES	NO				
SCUPPERNONG CREEK	4	15	19.0	0.00	0.0 %			YES	NO				
SCUPPERNONG RIVER	7	10	11.0	6.00	54.5 %			YES	NO				
SPRING CREEK	3	3	10.0	0.00	0.0 %			YES	NO				
UNDERWOOD CREEK	6		0.0	0.00	0.0 %			YES	NO				
WALES CREEK	1	1	3.2	0.00	0.0 %			YES	NO				
ZION CREEK	5	1	3.0	0.00	0.0 %			YES	NO				
TOTAL STREAMS:		757	414.7	6.41	1.5 %							0.00	0.00

* Potential wild and wilderness lakes.