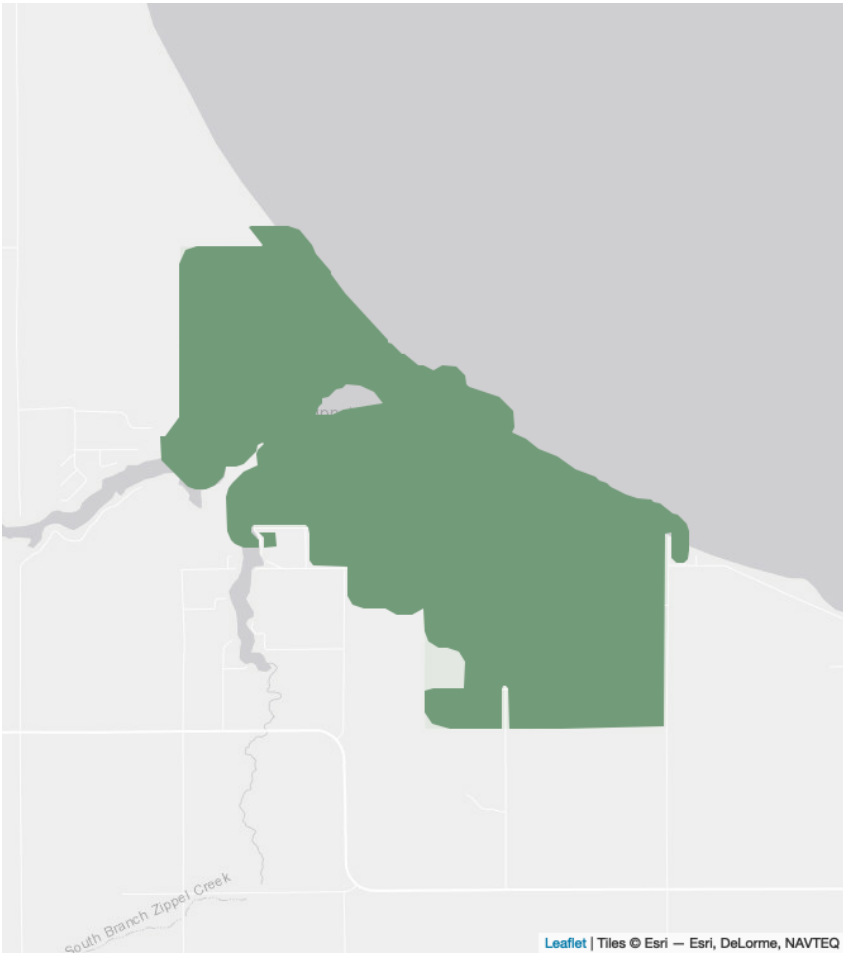


Zippel Bay State Park

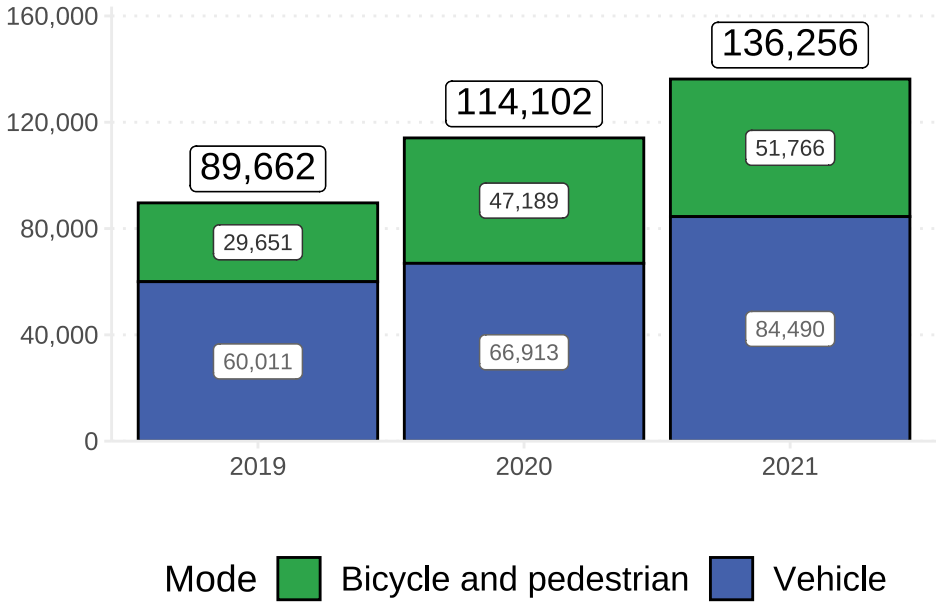
This factsheet summarizes park-level data for Zippel Bay State Park. Use estimates were derived using location-based services (LBS) data and represent the number of visitors arriving to the park by vehicle, bike, or foot. A vehicle multiplier of 3.2 was used to convert vehicle counts to visitor counts for all DNR State parks.

This research project was funded with Legacy Partnership Research Funds from the State of Minnesota Parks and Trails Legacy Fund. LBS data was obtained from StreetLight Data, Inc. and was accessed in July 2023.



Zippel Bay is part of the DNR State Park system. The park is in Lake of the Woods County (DNR Area 1C). Park boundaries were accessed via the Minnesota Geospatial Commons in July 2023 and may have been edited to improve LBS data performance.

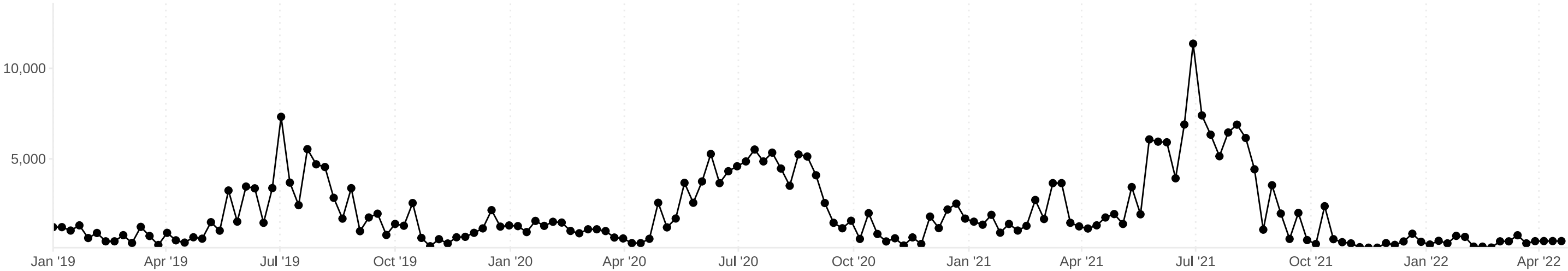
Total annual visits



Year	Total visits	Vehicle visitors	Bicyclists	Pedestrians
2019	89,662	60,011	1,428	28,223
2020	114,102	66,913	1,484	45,705
2021	136,256	84,490	1,742	50,024

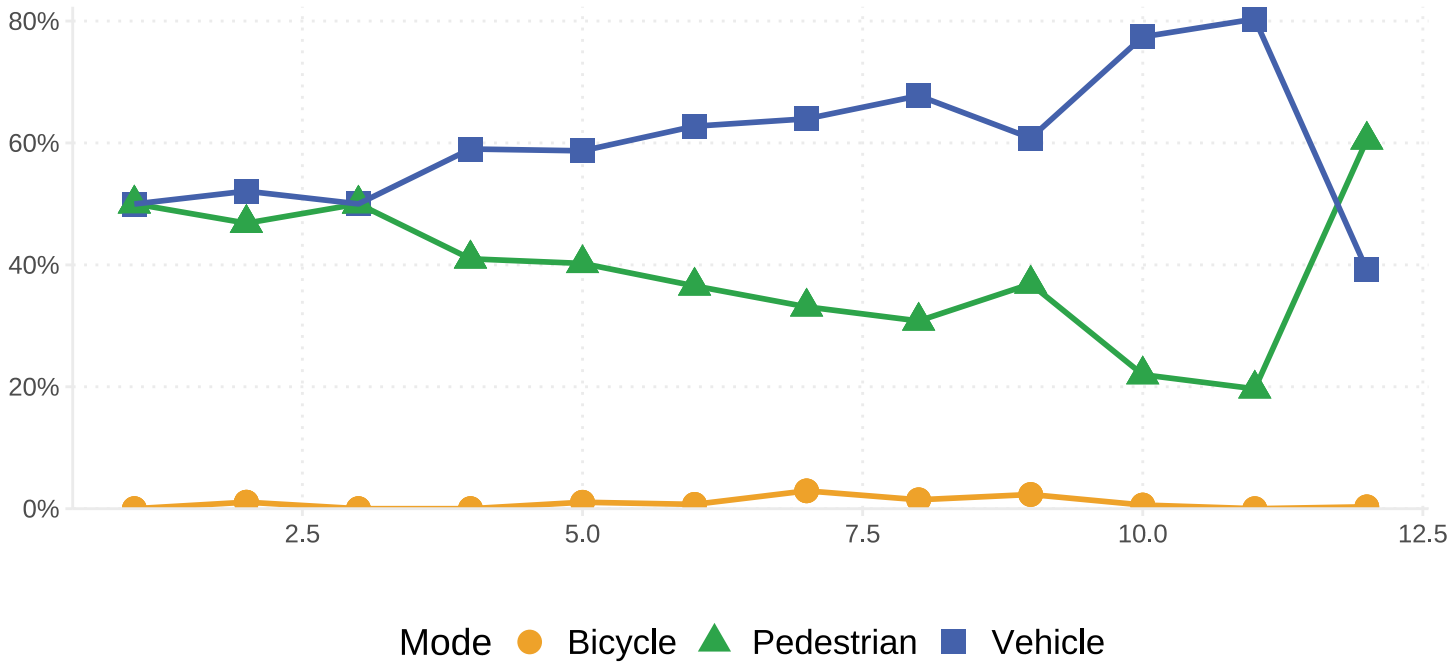
Weekly visits

Each point in this time series indicates estimated weekly visits to Zippel Bay.



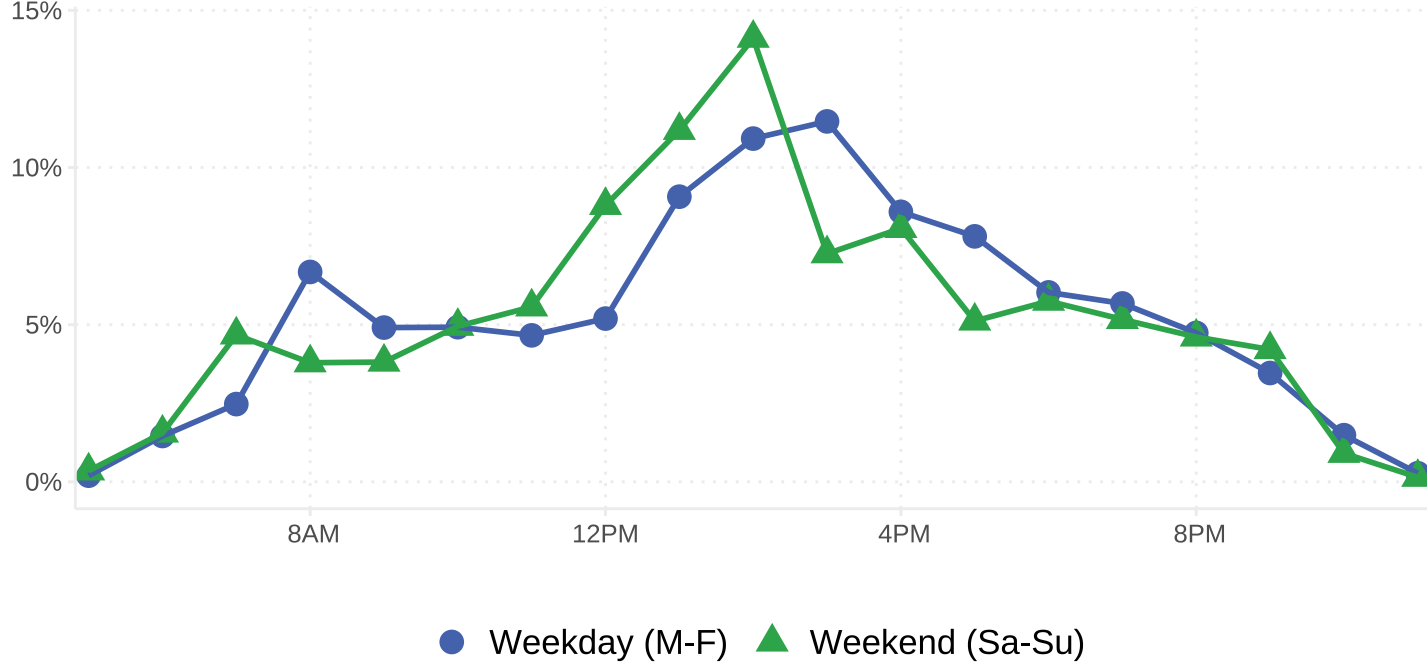
Mode share

Mode share shows the percent of visitors arriving by vehicle, bicycle, or on foot (pedestrian). Points show the monthly averages across the study period.



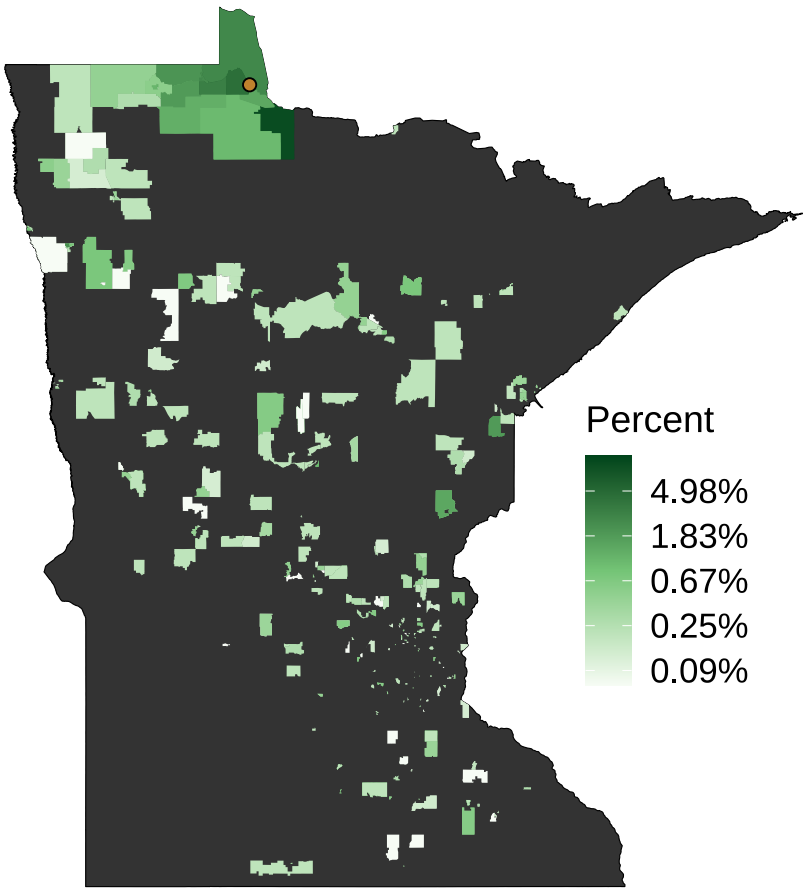
Hourly use

Hourly use during summer 2021 shows patterns of when visitors use trails on weekdays and weekends.



Visitor home locations

Inferred visitor home locations are reported at the block group level. Darker colors indicate more visitors from a given block group. During 2021, approximately 100% of visitors to Zippel Bay lived inside of Minnesota while 0% of visitors lived outside of Minnesota.



Visitor Demographics

Visitor demographics are inferred based on home locations and data from the 2020 US Census. The table summarizes inferred demographic attributes of visitors to Zippel Bay during 2021 (LBS data). 2020 US Census data for the state is provided for context. Please note that local and/or historical context is crucial when interpreting park-level demographic data.

Category	Census Group	Park Estimate (entire 2021)	State Average
Race/ethnicity	American Indian	1.0%	1.0%
	Asian	1.7%	5.2%
	Black	1.7%	6.9%
	Hispanic or Latinx	3.3%	6.1%
	More than one race	4.4%	4.1%
	Native Hawaiian and other Pacific Islander	0.1%	0.0%
	Some other race	1.3%	0.4%
	White	86.4%	76.3%
Income	Less than \$25,000	16.6%	10.4%
	\$25,000 - 39,999	12.5%	11.2%
	\$40,000 - 59,999	16.8%	15.1%
	\$60,000 - 74,999	10.7%	10.0%
	\$75,000 - 99,999	15.3%	14.1%
	\$100,000 - 149,999	16.6%	18.3%
	\$150,000 or higher	11.5%	20.8%
Education	High school	36.9%	30.9%
	Associate degree or some college	35.8%	32.4%
	4-year degree	19.1%	24.2%
	Graduate or professional degree	8.2%	12.6%