***File:***

Boat\_Launches\_GL\_GLEAM\_data.shp

***Contact:***

Dr. J.D. Allan

School of Natural Resources and Environment, University of Michigan

440 Church St. Ann Arbor, MI 48109

734-764-6553

dallan@umich.edu

***Description:***

This data set was created as part of a larger work, the Great Lakes Environmental Assessment and Mapping (GLEAM) Project. For a full description of the GLEAM project, please see:

Allan, J.D., et al., 2015. Using cultural ecosystem services to inform restoration priorities in the Laurentian Great Lakes. *Frontiers in Ecology and the Environment*, 13(8): 418-424. doi:10.1890/140328

Please cite Allan et al. 2015 when using this dataset.

*Boat launches (sites and parking spaces):* Boat launch locations in the U.S. and Canada were identified through governmental sources, tourist information publications and from marinas that reported boat launch availability, and locations were confirmed using Google Earth. We used parking spaces at boat launches as a proxy of use of launch sites, obtaining the number of parking spaces from agency sources or made estimates using Google Earth, developing a regression between parking lot size and number of parking spaces for some.

See more details in Allan et al. 2015.

**Field map:**

|  |  |
| --- | --- |
| Lake | Lake/ body of water on which boat launch resides. Some of these are up to 5km inland, though on waters that connect to a Great Lake. |
| State\_Prov | State or province |
| Longitude | Longitude (WGS 1984) |
| Latitude | Latitude (WGS 1984) |
| Site\_Name | Boat launch name |
| Source | Source of boat launch data |
| N\_PARK | Number of trailer parking spaces at launch |
| PARK\_SOURC | Source of parking information (google earth or state contact) |
| Notes | Notes |
| P\_MISSING | Parking information is missing for this launch if there is a “1” |
| Length\_M | Length of parking lot in meters, for area calculation |
| Width\_M | Width of parking lot in meters, for area calculation |
| AREA\_SM | Area in square meters for use in parking space regression. |