Data Repository item \#2018062
Curry, B.B., Lowell, T.V., Wang, H., and Anderson, A.C., 2018, Revised time-distance diagram for the Lake Michigan Lobe, Michigan Subepisode, Wisconsin Episode, Illinois, USA, in Kehew, A.E., and Curry, B.B., eds., Quaternary Glaciation of the Great Lakes Region: Process, Landforms, Sediments, and Chronology: Geological Society of America Special Paper 530, doi:10.1130/2018.2530(04).

## APPENDIX. LIST OF RADIOCARBON AGES

Explanation for column headings in Appendix of Curry et al. (2017):
Lab Number, County = self-explanatory.
Site $=$ published or popular name of site.
Material = material assayed.
SOM = soil organic matter.
Py-V = volatile component, pyrolysis treatment; Py-R = residual component, pyrolysis treatment
(Wang et al., 2003a).
Latitude, Longitude = in decimal degrees. The locations of some sites, especially legacy sites, were determined or estimated from Public Land Survey System (PLSS) data provided in publications or in paper reports on file at the Illinois State Geological Survey (ISGS). For estimated locations, we chose best locations from visual cues for outcrops on aerial photography in Google Maps, such as evidence of landslides and/or cut-banks.
${ }^{14} \mathrm{C}$ yr B.P. and $\pm=$ radiocarbon date and error.
Calibrated modal age = the peak age of the entire probably (see text for discussion).
Calibrated $\sigma_{1}$ mean $=\left[\left(\sigma_{1}(\max )-\operatorname{mode}\right)+\left(\operatorname{mode}-\sigma_{1}(\min )\right] / 2\right.$.
Lithostratigraphy = self-explanatory.
Source(s) = primary publication that lists the date.
Diachronic Unit = self-explanatory.
Subphase/Lake Chicago = self-explanatory (for Livingston and Crown Point phases only).
Note 1 = free-form extra information.
Note 2 = typically provides depth in core or section to object assayed.
Funding = self-explanatory.
Questionable date = flags questionable dates.
Submitter(s) = last name(s)(incomplete).
$\sigma_{1}$ up = the age of the younger bound at the one-sigma (68.27\%) confidence level.
$\sigma_{1}$ down $=$ the age of the older bound at the one-sigma (68.27\%) confidence level.
$\sigma_{1}$ intercepts $=$ for the calibrated probability distribution, the number of areas that are significant at the one-sigma value. One intercept indicates all of the significant probability lies within onesigma range as defined by a normal distribution.
$\sigma_{1}$ area $=$ the percent area under the summed probability curve. For a normal distribution, the sigma-one area is $68.27 \%$ of the total area under the calibrated curve normalized to one. The nearer this value is to 0.6827 , the more likely it is that it represents a normal distribution. $\sigma_{2}$ up = the age of the younger bound at the two-sigma (95.45\%) confidence level. $\sigma_{2}$ down = the age of the older bound at the two-sigma (95.45\%) confidence level.
$\sigma_{2}$ mean $=\left[\left(\sigma_{2}(\max )-\right.\right.$ mode $)+\left(\operatorname{mode}-\sigma_{2}(\min )\right] / 2$.
$\sigma_{2}$ intercepts $=$ for the calibrated probability distribution, the number of areas that are significant at the two-sigma value. One intercept indicates all of the significant probability lies within twosigma range as defined by a normal distribution.
$\sigma_{2}$ area $=$ the percent area under the summed probability curve. For a normal distribution, the sigma-two area is $95.45 \%$ of the total area under the calibrated curve normalized to one. The nearer this value is to 0.9545 , the more likely it is that it represents a normal distribution. Median age $=$ the median age of the entire probably. The median may be offset from the modal probability if the calibrated probability is not symmetrical.
$\delta^{13} \mathrm{C}$ value $=$ in per mil $(\%)$.

