

Directory: <ftp://ftp.cdc.noaa.gov/Projects/RefET/CONUS/Gen-0/>

This directory contains the 'Generation-0' (**Gen-0**) reference evapotranspiration (ET_o) reanalysis. ET_o is estimated by the ASCE Standardized Reference Evapotranspiration equation (Allen et al., 2005) forced by drivers from the North American Land Data Assimilation System phase-2 (NLDAS-2; Mitchell et al., 2004) reanalysis, on a daily time-step from January 1, 1979 to the present, across CONUS (25°N to 53°N) at a 0.125° spatial resolution.

Gen-0 data include no assimilation of ET_o observations.

Allen, R.G., et al. (2005), The ASCE standardized reference evapotranspiration equation. Report 0-7844-0805-X, 59 pp. (<http://tinyurl.com/qdj2fqx>)

Mitchell, K. E., D. Lohmann, P. R. Houser, E. F. Wood, J. C. Schaake, A. Robock, B. A. Cosgrove, et al., “The multi-institution North American Land Data Assimilation System (NLDAS): utilizing multiple GCIP products and partners in a continental distributed hydrological modeling system,” *Journal of Geophysical Research*, 109: D07S90, 2004, doi:10.1029/2003JD003823.