Climate and Drought Indices in Python (PDSI, SPI, SPEI, PET)

Code originally developed by the National Integrated Drought Information System and NOAA's National Centers for Environmental Information and currently maintained and developed by independent scientific programmer James Adams.

Reference: <https://www.drought.gov/data-maps-tools/climate-and-drought-indices-python-spi-spei-pet>

Pyhton: <https://pypi.org/project/climate-indices/>

Github: <https://github.com/monocongo/climate_indices>

EDDI

Python package to calculate EDDI: <https://github.com/WSWUP/evaporative-demand-drought-index>

ESI

Products from SERVIR global catalogue: <http://catalogue.servirglobal.net/Product?product_id=198>

US catalogue: <https://www.drought.gov/data-maps-tools/evaporative-stress-index-esi>

University of Nebraska: <https://calmit.unl.edu/evaporative-stress-index-esi>

RCI

Using satellite: <https://www-cdn.eumetsat.int/files/2020-04/pdf_vis_sci_rep_2014_1.pdf>