Dataset: Sea Ice Concentrations from Nimbus-7 SMMR and DMSP SSM/I-SSMIS Passive Microwave Data, Version 1

NSIDC Passive Microwave Sea Ice Concentration Data Website
http://nsidc.org/data/nsidc-0051

NSIDC Sea Ice Concentration User Manual
http://nsidc.org/data/docs/daac/nsidc0051_gsfc_seaice.gd.html

NSIDC Data Format Explanation
ftp://sidads.colorado.edu/pub/DATASETS/nsidc0051_gsfc_nasateam_seaice/00README.txt

Instructions for Transforming the Data
http://nsidc.org/support/21680984-How-do-I-import-the-0051-sea-ice-concentration-data-into-ArcGIS-

British Antarctic Survey Geodata Portal:
http://add.antarctica.ac.uk/repository/entry/show?entryid=f477219b-9121-44d6-afa6-d8552762dc45

Polar Projections for Shapefiles: South_Pole_Lambert_Azimuthal_Equal_Area

Data and Raster Conversion Tool Citations

Cavalieri, D. J., C. L. Parkinson, P. Gloersen, and H. J. Zwally. 1996, updated yearly. *Sea Ice Concentrations from Nimbus-7 SMMR and DMSP SSM/I-SSMIS Passive Microwave Data, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center.

Roberts JJ, Best BD, Dunn DC, Treml EA, Halpin PN (2010) Marine Geospatial Ecology Tools: An integrated framework for ecological geoprocessing with ArcGIS, Python, R, MATLAB, and C++. Environmental Modelling & Software 25: 1197-1207. doi: 10.1016/j.envsoft.2010.03.029