

Appendix I. National Data Centers

The final repositories for environmental data are the following designated National Data Centers. Data are to be submitted according to formats and via the media designated by the national center.

A. National Oceanographic Data Center (NODC)

Ocean physical data: temperature, salinity, light transmission or attenuation, currents, waves, pressure, sea level, and sound speed.

Ocean chemistry data: nutrients such as phosphates, nitrates, nitrites and silicates; chemical tracers such as helium, tritium, freon and argon; pollutants such as petroleum hydrocarbons, organochloride and organophosphorus pesticides, polychlorinated biphenyls (PCBs) and heavy metals. Data may represent chemicals in water samples or biota.

Ocean biology data: primary productivity; concentrations of pigments in phytoplankton, such as chlorophyll-a; species lists; biomass of phytoplankton, zooplankton, benthos and nekton; and bioluminescence.

National Oceanographic Data Center (NODC)
Data Officer, E/OC
1315 East-West Highway
SSMC3, 4th floor
Silver Spring, Maryland 20910
Phone: (301) 713-3267 x151
Fax: (301) 713-3301
<http://www.nodc.noaa.gov/>

B. National Climatic Data Center (NCDC)

Surface meteorological data: meteorological data in appropriate World Meteorological Organization formats as part of the Voluntary Observing Ship (VOS) program: air temperature, sea-surface temperature, dew point temperature, pressure, wind speed and direction, wind and swell waves, weather, short- and long-term radiation, visibility, cloud cover and type, and ice accretion.

National Climatic Data Center (NCDC)
Federal Building
151 Patton Ave.
Asheville, NC 28801-5001
Phone: (828) 271-4800
Fax: (828) 271-4876
<http://lwf.ncdc.noaa.gov/oa/ncdc.html>

C. National Geophysical Data Center (NGDC)

Geophysical, geological and geochemical data: bathymetry, magnetics, gravity, seismic and other quantitative geophysical data; geological data including station locations, collection/storage locations, preliminary descriptions of seafloor samples recovered, and all descriptions and analytical data, including geochemistry, derived from sediment and rock samples, including data from the Ocean Drilling Program (ODP).

National Geophysical Data Center (NGDC)
NOAA, Code E/GC
325 Broadway
Boulder, CO 80303-3328
Phone: (303) 497-6338
Fax: (303) 497-6513
<http://www.ngdc.noaa.gov/ngdc.html>

D. National Snow & Ice Data Center (NSIDC)

Sea ice and other glaciological data: sea ice, icebergs, ice shelves and associated physical oceanographic and meteorological data.

National Snow & Ice Data Center (NSIDC)
CIRES
Campus Box 449
University of Colorado
Boulder, Colorado 80309
Phone: (303) 492-6199
Fax: (303) 492-2468
<http://www-nsidc.colorado.edu/>

E. Carbon Dioxide Information Analysis Center (CDIAC)

Carbon dioxide data: archival data for the World Ocean Circulation Experiment (WOCE) and the Joint Global Ocean Flux Study (JGOFS) CO₂ measurements.

Carbon Dioxide Information Analysis Center (CDIAC)
Oak Ridge National Laboratory
P.O. Box 2008
Oak Ridge, Tennessee 37831-6335
Phone: (423) 574-0390
Fax: (423) 574-2232
<http://cdiac.esd.ornl.gov/home.html>