

Part B - 6

LEAD AGENCY/BUREAU AND/OR SUBCOMMITTEE/WORKING GROUP REPORT
(Agencies with Lead Responsibilities Assigned under the new Circular A-16 in
Appendix E - <http://www.fgdc.gov/publications/a16final.html#appendix>) (Please provide a separate report for each activity for which you have the lead)

1. Program/Activity Name: **Climate Data**
2. What are the specific federal programs this data supports? Too numerous to list here. Climate data supports a wide range of program activities across the federal government.
3. Uses of Data: How does your data benefit customers and support agency missions? The data and information holdings of NOAA's National Data Centers at the National Climatic Data Center (NCDC) in Asheville, NC; National Oceanographic Data Center (NODC) in Silver Spring, MD; and National Geophysical Data Center (NGDC) in Boulder, CO, are available to everyone including the general public, the legal profession, engineering, industry, agriculture, and government policy makers. In addition to the metadata holdings being posted to the FGDC Clearinghouse, the climate-related holdings can be found at the respective web pages at <http://lwf.ncdc.noaa.gov/oa/ncdc.html>; <http://www.nodc.noaa.gov/>; and <http://www.ngdc.noaa.gov/>. The availability of archived NOAA climate data has many recognized and tremendous benefits to the public as well as to ensuring a continuous historical database that supports all aspects of NOAA operations.
4. Charter/Plan: Do you have a current charter or plan for collection? Yes. If so - please describe (include how recently the charter/plan was implemented and whether it is in need of update). Weather Records Center was granted under section 506(c) of the Federal Records Act of 1950 (Public Law 754, 81st Congress). Additionally, the Climate Change Science Program Office strategic plan released in July 2003 is another governing document and is available at <http://www.climatechange.gov/Library/stratplan2003/final/default.htm>
5. Performance Measures: Does your agency have performance measures for your data theme? Yes. If so, please list the measures and whether you achieved your goals. The following performance measures are on-going

Reduce the error in global measurement of: 1) sea surface temperature, 2) sea level change, 3) ocean carbon sources and sinks, 4) ocean heat content and global transport of heat and water, 5) ocean-atmosphere exchange of heat and water.
6. Metadata Status: Is metadata discoverable and served through the NSDI Clearinghouse? Yes. What percentage of this theme's data has metadata and is in a Clearinghouse node? 100%
7. Standards: What is the status of this theme's data, process, transfer, and classification standards? Climate data is in full compliance with all appropriate

international and national standards; in addition all climate related metadata are in compliance with appropriate FGDC metadata standards.

8. Progress: List FY 2004 activities/progress to date (quantify where possible). Too numerous to list; the following is a sampling of some highlights.

OUR CHANGING PLANET The U.S. Climate Change Science Program for Fiscal Years 2004 and 2005 A Report by the Climate Change Science Program and the Subcommittee on Global Change Research *A Supplement to the President's Fiscal Year 2004 and 2005 Budgets.*

<http://www.usgcrp.gov/usgcrp/Library/ocp2004-5/default.htm>

- a. Intergovernmental Working Group on Earth Observations (US plan for the Global Earth Observation System of Systems); see <http://iwgeo.ssc.nasa.gov/draftstrategicplan/> and <http://iwgeo.ssc.nasa.gov> for more information
 - b. FY2004 plan for President Bush's Climate Change Research Initiative for international support for the Global Climate Observing System was developed and implemented to continue providing support for international observing systems in July 2004.
 - c. NOAA Report to Congress, *NOAA Environmental Data: Foundation for Earth Observations and Data Management System*, see <ftp://ftp.noaa.gov/pub2/eustis/DMR03/full030731.pdf>
9. Participation: List participating Federal agencies. CDC, DOE, DOT, EPA, NASA, NIH, NOAA, NSF, Smithsonian, State Department, USAID, USDA, US Navy, USGS.
10. Planned Activities: What are your planned activities for FY05? Again, too numerous to list, see <http://www.ogp.noaa.gov/programs/index.htm> as an example.
11. Policy: Do you have a formal agency policy in place for full and open access or data sharing? Yes. Are you able to fulfill this policy and provide public access with your current agency financial resources as allocated? Yes. Or are you in pursuit of collaborative federal partnerships to support data access? We are always seeking collaborative partnerships (internationally and nationally) in order to further access to climate holdings. On the federal level NOAA does this through the Climate Change Science Program Office <http://www.climatechange.gov/>. Additionally, NOAA collaborates with 6 Regional Climate Centers, see <http://lwf.ncdc.noaa.gov/oa/climate/regionalclimatecenters.html>; with all State Climate Offices, see <http://lwf.ncdc.noaa.gov/oa/climate/stateclimatologists.html>; as well as the American Association of State Climatologists, see <http://lwf.ncdc.noaa.gov/oa/climate/aasc.html>

Are there areas or issues regarding lead responsibilities for spatial data themes that require attention, or lessons-learned that you would like to share with others? No.