

Recommendations/Action Plan for the June 2003 NESDIS Data Users Workshop

New Services

Constituent Recommendations		Government Action Plan				
Recommendations for the Category: New Services	Freq. of Recommendation	Action Status	Responsible Data Center	Data Center Point of Contact	Action Plan	Implementation Date
New Services: Integrate multiple data sources (e.g., NEXRAD, Satellites, in-situ) so that users can access all data with one entry point	15	Continuing	All	Joint	The Comprehensive Large Array Stewardship System (CLASS) will bring NOAA data under one stewardship system. This is a high priority project and is core to the NESDIS mission. CLASS is a multi-year effort with phased milestones.	12/31/2006
New Services: Improve global coordination to increase/enhance global data coverage	9	Continuing	All	Joint	NESDIS participates in or leads numerous international working groups designed to improve cooperation among the data providers for increasing and enhancing international data access. Examples include the World Data Centers, WMO, CEOS, and many others. In addition, numerous bilateral exchanges have occurred with have increased historical coverage of environmental data. NESDIS is committed to continuing these activities.	12/31/2006
New Services: Migrate environmental data and products to GIS	6	Continuing	All	Joint	NESDIS has made great strides in migrating its environmental data holdings to GIS. Notable examples include work in developing NOSA, work in the NVDS area, and work in providing climate data accessible via the Climate Atlas and Climate Data Online System. This will continue to be a high priority activity for the data centers.	12/31/2006
New Services: Link data centers across NOAA and other agencies for central data discovery	3	Continuing	All	Joint	The Comprehensive Large Array Stewardship System (CLASS) will bring NOAA data under one stewardship system. This is a high priority project and is core to the NESDIS mission. CLASS is a multi-year effort with phased milestones.	12/31/2006
New Services: Investigate climate and health linkages and issues	3	TBD	TBD	TBD	TBD	TBD
New Services: Ensure the effects on coastal resources are analyzed in terms of their economic, social and cultural effects	2	Complete	NCDC	Plantico	In August 2003, NESDIS awarded a grant to NC State to perform CWISE (Climate and Weather Impacts on Society) along the Southeast coast. CWISE is considered an important first step in addressing this recommendation and the results will be monitored closely.	12/31/2004
New Services: Develop a comprehensive integrated observing system	2	Continuing	All	Joint	A comprehensive integrated observing system is a high priority issue for NOAA and strongly emphasized by the NOAA Administrator. Steps have been taken to achieve this goal. An inventory of NOAA observing systems has been completed and available via the NOSA system for GIS search capabilities. This is a long term project but when complete will provide NOAA and the user community with a more coordinated system to observe the environment.	12/31/2006
New Services: Create a single agency to observe and protect water resources by integrating all the water-related agencies; agency be located in NESDIS	2	TBD	TBD	TBD	TBD	TBD
New Services: Monitor the health of NOAAs observing systems in real time	1	Complete	All	Joint	NCDC has in place a methodology to monitor the NWS COOP network. Other networks will follow	12/31/2004
New Services: Improve visualization tools that handle multiple data streams	1	Continuing	All	Joint	Data fusion is a key activity as data become more accessible via the web. NCDC has developed a Remote Sensing Application Division that is tasked with providing visualization tools for satellite and radar data in conjunction with in-situ data.	12/31/2006
New Services: Improve global coordination to increase/enhance global data coverage; specifically ecosystem data and high resolution global AVHRR	1	TBD	TBD	TBD	TBD	TBD

New Services: Ensure that users can receive data directly from NOAAPort as opposed to just from the web	1	Complete	NCDC	Rutledge /Lo	NCDC has two access systems that provide access to NOAAPort data. These are the HDSS Access System (HAS) and NOMADS. HAS provides access to the textual messages and NOMADS provides access to the modelled data.	2/29/2004
New Services: Ensure that gauge datum are standardized (Lat/Lon)	1	TBD	TBD	TBD	TBD	TBD
New Services: Distribute hydrologic models in real time (event reconstruction)	1	TBD	TBD	TBD	TBD	TBD
New Services: Develop a comprehensive end-to-end integrated ocean observing system	1	TBD	TBD	TBD	TBD	TBD
New Services: Develop a better understanding and prediction capability on the affects of solar data	1	TBD	TBD	TBD	TBD	TBD