

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

New Products

Constituent Recommendations		Government Action Plan				
Recommendations for the Category: New Products	Freq. of Recommendation	Action Status	Responsible Data Center	Data Center Point of Contact	Action Plan	Implementation Date
New Products: Modeled data (global and regional) and related data	3	Complete	NCDC	Rutledge	NCDC has developed NOMADS which provides web access to weather and climate modelled data	12/31/2004
New Products: Data to support forensic meteorology	2	TBD	TBD	TBD	TBD	TBD
New Products: Satellite products designed for global hydrologic applications; soil moisture, land cover	2	Continuing	OSDPD	Joint	OSDPD is continually developing new satellite products that fulfill these needs, through users requests through the Satellite Products and Services Review Board.	12/31/2005
New Products: Climate Reference Network; next generation should be global	1	Complete	NCDC	Helfert	NCDC is actively working with other countries to expand the CRN network internationally. A pilot effort is underway with Canada. Briefings have been given to other countries such as Chile.	12/31/2006
New Products: Ensure satellites are in place to monitor the 2011 solar maximum	1	TBD	TBD	TBD	TBD	TBD
New Products: Ensure that NCDC incorporates climate atlases in their projects	1	Complete	NCDC	Plantico	NCDC has recently released version 2 of the U.S. Climate Atlas. In addition, work on a spatial climate mapping project is also being performed.	12/31/2004
New Products: Geostationary microwave sounder	1	Continuing	OSDPD	Joint w/NASA	NESDIS is working with NASA and others to develop a geo microwave sounder. Not Accepted by NASA, but work on GIFTS instrument being continued by NESDIS	12/31/2009
New Products: Increase the number of COOP stations that report 100% of the time in near real time	1	Continuing	NCDC	All	NCDC is participating with NWS on the COOP modernization effort by developing a National Cooperative Mesonet using the Oklahoma Mesonet as a model. Real time / near real time access to COOP data is a critical component of the system.	12/31/2006
New Products: Integrated high resolution, shallow water estuary data	1	TBD	TBD	TBD	TBD	TBD
New Products: Make better use of the GOES satellite by scheduling for full disc data during the "dark time" rather than focusing solely on the US coverage	1	Continuing	OSDPD	Joint	OSDPD is working with the NESDIS Office of Satellite Operations (OSO) to create additional non-US sectors to increase the frequency and coverage of GOES scans over different areas.	9/30/2005
New Products: NEXRAD; higher resolution, more accurate data needed	1	Complete	NCDC	DelGreco	NCDC now provides free access to NEXRAD Level II high resolution data via its web site. The next generation of weather radars will hopefully provide higher resolution and more accurate data.	9/30/2004
New Products: Place emphasis on water resource products (snow pack, reservoir capacity level data, flow information, etc)	1	TBD	TBD	TBD	TBD	TBD
New Products: Products related quality of life (biosphere, chemical, etc.)	1	TBD	TBD	TBD	TBD	TBD
New Products: Products related to air quality and water quality	1	Continuing	OSDPD	Joint	OSDPD is developing satellite products to monitor air quality	9/30/2005
New Products: Weather data as relative to land use planning	1	TBD	TBD	TBD	TBD	TBD
New Products: Weather data in support of energy related issues	1	Complete	NCDC	Faas/Steure	NCDC recently created the CLIM20 normals product which was last updated in the mid 1980s. In September 2004, NCDC will provide real time ASOS observations as well as quality controlled next day ASOS observations to support energy users such as the Weather Risk Management Association constituents	9/30/2004

New Products: Weather impacts on consumer products	1		TBD	TBD	TBD	TBD	TBD
New Products: Satellite oceanography products from NOAA and non-NOAA sources	1		TBD	TBD	TBD	TBD	TBD