

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

Metadata

Constituent Recommendations

Government Action Plan

Recommendations for the Category: Metadata	Freq. of Recommendation	Action Status	Responsible Data Center	Data Center Point of Contact	Action Plan	Implementation Date
Metadata: Ensure there is accurate metadata to describe data	7	Continuing	All	Joint	A core principal of NESDIS is to provide the highest quality and most complete data and metadata. The data centers are committed to achieving close to 100% accuracy and completeness.	12/31/2006
Metadata: Establish a rating methodology for similar data sets to allow user to determine the most appropriate data set for their application	4	TBD	TBD	TBD	TBD	TBD
Metadata: Improve metadata with links to journal articles and peer review of data	3	TBD	TBD	TBD	TBD	TBD
Metadata: Develop tools to encapsulate metadata and data	2	TBD	TBD	TBD	TBD	TBD
Metadata: Ensure the data provider is identified for each data set	2	Complete	All	Joint	The data provider is a required field in FGDC documentation. The large majority of NESDIS data has a data provider included.	11/17/2003
Metadata: Improve data discovery by cataloging data with multiple search keys	2	TBD	TBD	TBD	TBD	TBD
Metadata: Maintain documentation on version of data/metadata updates	2	Complete	All	Joint	The current FGDC format documents the version updates. Data providers are using this capability to provide version control.	5/15/2004
Metadata: Determine whether FGDC standard is sufficient or whether there is something simpler	1	Complete	ALL	Joint	FGDC is a required standard for documentation. The FGDC format is considered sufficient when the required fields are fully described	11/17/2003
Metadata: Ensure metadata development tools are available to non-NESDIS data providers	1	TBD	TBD	TBD	TBD	TBD
Metadata: Ensure metadata is useful to educational standards	1	Complete	All	All	Data centers document all data sets according to FGDC standards. FGDC is considered applicable to educational standards	1/30/2004
Metadata: Ensure surface weather station relocations are maintained and available online	1	Continuing	NCDC	Shumbera	Station history information for weather stations continues to be high priority. Historical pre-48 history files are being added and operational updates are regularly made. A new station history data base, Mi3, will be placed on-line in 2004 that will allow enhanced search capabilities	6/30/2003
Metadata: Ensure there is a link from a metadata search directly to the data	1	TBD	TBD	TBD	TBD	TBD
Metadata: Increase documentation availability of analog data to include the volume of data in digital form	1	TBD	TBD	TBD	TBD	TBD
Metadata: Investigate automated metadata production	1	TBD	TBD	TBD	TBD	TBD
Metadata: Maintain metadata on data set quality issues	1	Complete	Joint	All	The current FGDC format documents data set quality issues. Data providers are using this capability to document quality issues with a data set.	5/15/2004

Metadata: Provide additional information on the error characteristics of data sets

1

Complete

Joint

All

The current FGDC format documents error characteristics in data sets. Data providers are using this capability to document quality issues with a data set.

5/15/2004