



Theme Strategic Plan for Climate and Weather *Theme Name*

Theme Lead (Co-Leads): Kari Sheets
 Theme Lead Agency(ies): National Weather Service, NOAA
 Executive Theme Champion: Tony LaVoi
 Executive Champion Agency: National Ocean Service, NOAA

NGDA Datasets in **Climate and Weather**:

'Theme Name' NGDA Dataset	Dataset Manager Agency
Geostationary Operational Environmental Satellite (GOES) Imager Data	DOC-NOAA
High-Resolution Sea Surface Temperature (SST) Analysis Products	DOC-NOAA
NEXRAD (NEXT-Generation RADar) Products	DOC-NOAA
Parameter- Elevation Regressions on Independent Slopes Model (PRISM) Dataset	USDA-NRCS
Polar-Orbiting Operational Environmental Satellites (POES) Radiometer Data	DOC-NOAA

It is important to note that not all of NGDA Datasets are managed by NOAA. Management of the Climate Weather Theme is, therefore, clearly an interagency effort.

Goal 1: *Facilitate the sharing of the Climate and Weather geospatial data by ensuring the development of the theme's datasets and metadata for the individual records within the datasets.*

Objectives 1.1

Ensure ISO compliant metadata for 80% of the theme's datasets.

Anticipated Outcomes. *Dataset consumers will understand the scope of the data, the valid time of the data, who produces the data, and the geographic coverage of the data.*

Actions 1.1.1 *(add as many actions as needed)*

National Weather Services is conducting a working meeting to create a plan for bringing their climate weather datasets into ISO metadata compliance.

Objectives 1.2

Ensure each of the theme's datasets returns at least 1 result in a GeoPlatform search.

Anticipated Outcomes. *Dataset consumers will be able to discover the theme's datasets from a "one-stop" location.*

Actions 1.2.1

As ISO compliant metadata is complete, assign the dataset owner the task of registering the dataset in GeoPlatform

External Factors, Challenges, and Opportunities

Data management is an under or non-resources activity in many of the agencies providing the data. In these budget constrained times, the resources to create metadata and registered data is in competition with many other unfunded requirements. However, a common request for climate and weather datasets is that they be more easily discovered, so this goal for the theme provides a documented opportunity to satisfy this request.

Goal 2: *Facilitate the registration of GOES-R data into the FGDC system as the data becomes available to the agency for release.*

Objectives 2.1

Ensure as the new GOES-R image products become available as they are made publicly available through the ground readiness program.

Anticipated Outcomes. *GOES-R data will be available to the largest audience in the most expedient timeframe possible.*

Actions 1.1.1

Work with the GOES-R ground readiness program to register the datasets in GeoPlatform as they are made available for use.

External Factors, Challenges, and Opportunities

GOES-R has more data available for increasing the tools available to scientists studying the weather. This data must be harnessed and made available in usable formats rather than the proverbial “fire hose” of data. Registering the data in Geoplatform provides the opportunity for those outside of NOAA and NASA to benefit from the multi-year ground readiness program which has prepared to harness the data once GOES-R launches in November 2016.