

GOES – DCS User Assessment

The purpose of this survey is to get a more accurate picture of the GOES DCS Users' capability footprint and what sources are being utilized to retrieve their environmental data. A key benefit of collecting this information will be NESDIS/ OSPO's increased ability to assist in protecting our User's uninterrupted access to critical weather information.

Paperwork Reduction Act:

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0030. Without this approval, we could not conduct this survey. Public reporting for this information collection is estimated to be approximately 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to Mark Turner, mark.w.turner@noaa.gov.

1. What type of organization are you representing?
 - a. US Government (non-military Federal, state, local government)
 - b. Private/Commercial
 - c. Academic/Research
 - d. US Military
 - e. International Government (non-military government)
 - f. International Military

2. Please select the types of operations your organization supports with the data from GOES DCS. (select all that apply)
 - a. Meteorological Observations
 - b. Seismography
 - c. Hydrology
 - d. Fire-weather Support
 - e. Agriculture and Forestry Land Use Management and Assessment
 - f. Broadcast and Print Media (Websites)
 - g. Commercial Value-added Products, Services or Equipment
 - h. Disaster Recovery
 - i. Government Defense Sector Facilities, Operations and Logistics Management
 - j. Government Facilities, Operations, and Logistics Management
 - k. Land Transportation Operations
 - l. Maritime Operations
 - m. Military Operations
 - n. Operational Weather Forecasting
 - o. Parks, Sports and Recreations
 - p. Power (e.g., electrical generation and distribution)
 - q. Public Safety and Emergency Response

3. Are your DCS observations used for product development (i.e., modeling or in an application for decision making)?
 - a. Yes
 - b. No

4. What is your primary method of GOES DCS data retrieval? (select all that apply)
 - a. Local Readout Ground System (LRGS)
 - b. DCS Administration and Data Distribution System (DADDS)
 - c. High-Rate Information Transmission (HRIT) System
 - d. DCS Administration and Data Distribution System (DADDS)
 - e. National Weather Service Telecommunication Gateway (NWSTG)
 - f. Direct Readout Ground Station (DRGS)

5. What is your secondary method of GOES DCS data retrieval? (select all that apply)
 - a. Local Readout Ground System (LRGS)
 - b. DCS Administration and Data Distribution System (DADDS)
 - c. High-Rate Information Transmission (HRIT) System
 - d. DCS Administration and Data Distribution System (DADDS)
 - e. National Weather Service Telecommunication Gateway (NWSTG)
 - f. Direct Readout Ground Station (DRGS)

6. If you have a DRGS, where is it located? List the number of stations and multiple locations as applicable.
 - a. text box
 - b. text box
 - c. text box
 - d. text box

7. If you have a DRGS, how many channels does it support?
 - a. 5
 - b. 10
 - c. 15
 - d. 20 or more

8. What are your operational availability requirements? How often do you need access to your data? (ex. 99.999%, 24/7, only during storms, once a day)
 - a. Text box

9. What is an acceptable latency that would not impact operations?
 - a. Low (< 1 minute)
 - b. Moderate (1 – 10 minutes)
 - c. High (10 > minutes)

10. Would you be interested in upgrading your DCPs to enable an automated Platform Description Table (PDT) update for latitude and longitude using GPS capabilities?
 - a. Yes

- b. No
 - c. Other, with space to expound
11. Do you utilize random channels for emergency transmissions outside of your regularly scheduled transmission allocation?
- a. Yes
 - b. No
12. How many data collection platform allocations does your Organization have?
- a. text box
13. How frequently would you prefer to transmit your environmental data?
- a. Text box
14. How much data do you prefer to transmit (in bytes)?
- a. Text box
15. Are there any internet limitations to your organization to receive DCS data via terrestrial sources such as LRGS, DADDS or NWSTG?
- a. Yes
 - b. No
16. What are your future plans for either adding additional data collection platforms or moving current platforms off of GOES onto another broadcast?
- a. Text box
17. Does your organization have downstream Users that also utilize your downlinked data or affiliated agency agreements?
- a. Yes
 - b. No
18. If you said yes to question 17, please list the operational importance of downstream users or affiliated agencies.
- a. Meteorological Observations
 - b. Seismography
 - c. Hydrology
 - d. Fire-weather Support
 - e. Agriculture and Forestry Land Use Management and Assessment
 - f. Broadcast and Print Media (Websites)
 - g. Commercial Value-added Products, Services or Equipment
 - h. Disaster Recovery
 - i. Government Defense Sector Facilities, Operations and Logistics Management
 - j. Government Facilities, Operations, and Logistics Management
 - k. Land Transportation Operations
 - l. Maritime Operations
 - m. Military Operations
 - n. Operational Weather Forecasting
 - o. Parks, Sports and Recreations

OMB Control No. 0690-0030

Expiration Date: 07/31/2023

- p. Power (e.g., electrical generation and distribution)
 - q. Public Safety and Emergency Response
19. Based on User requests, NOAA plans to disseminate ingested data from other sources (including Iridium data via LRGS), do you have any concerns or objections?
- a. Yes
 - b. No
 - c. Text Box
20. Please describe the importance of the GOES DCS to your operations or program.
- a. text box