

A composite image featuring a GOES satellite on the left and a view of Earth from space on the right. The satellite is a rectangular platform with various instruments and solar panels. The Earth shows the Americas and parts of Europe and Africa, with a blue ocean and green and brown landmasses. The background is the blackness of space with some stars.

GOES DCS Customer Service Updates

Letecia Reeves, GOES DCS Customer Services Manager
April 27, 2021 Virtual TWG



GOES DCS Transmitters Status

DCP Status	100 Baud	300 Baud	1200 Baud	Totals
Active DCPs	0	29,532	524	30,056
Inactive DCPs	0	7,951	663	8,614
Unused DCPs	0	1,574	145	1,719
Totals	0	39,057	1,332	40,389

Note: Stats do not include the parked channel (-1).

Total unused DCPs has decreased by 895 since last report in 2020.

Policy on DCP Assignments

- Assignments should only be requested for definite deployments within 6 months (units should already be purchased).
 - Contact Letecia to discuss time slot availability at any time
- IDs that remain unused for 1 year *will* be reclaimed (effective June 1)
 - reapply for DCP IDs as needed
- IDs that are inactive for 3 years *will* be reclaimed after June 1, 2021.
- IDs that have been inactive for more than 5 years *will be* reclaimed immediately.
- Before using an ID that has been unused or inactive for more than 1 year, consult the DADDS to ensure that it is still on an active channel.

How to Determine Status of Your DCP IDs

NEW DCP(S) FILTERS DEFAULT FILTER FILTER ASSIGN ADD PLATFORM BATCH NETLISTS FILTER CLEAR EXPORT 100

ADDRESS	GROUP	LOCATION	PTYPE	PCHAN	STYPE	SCHAN	RATE	CNTRY	STATE	FIRST ▲	PERIOD	WINDOW	COMPL	STATUS	LAST ACTIVE	UPDATED
ACA1EA74	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CAON	00:02:00	01:00:00	00:00:10	N	U	---	12/07/2020
ACA1F902	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CAON	00:02:10	01:00:00	00:00:10	N	U	---	12/07/2020
ACA20E88	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CAON	00:02:20	01:00:00	00:00:10	N	U	---	12/07/2020
ACA21DFE	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CAON	00:02:30	01:00:00	00:00:10	N	U	---	12/07/2020
ACA226B6	AGRCAN	ASSGN20201207	S	189	R	123	300	CA	CAON	00:02:40	01:00:00	00:00:10	N	U	---	12/07/2020
7D03157A	MANTOB	05TF786 NOTIGI MET STATION	S	189	U	0	300	CA	CAMB	00:03:00	01:00:00	00:00:15	Y	A	04/08/2021	01/07/2021
7D02316C	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:15	01:00:00	00:00:15	N	D	10/15/2016	07/14/2020
7D02548A	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:30	01:00:00	00:00:15	N	D	09/25/2018	07/14/2020
7D09923C	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:03:45	01:00:00	00:00:15	Y	D	06/08/2020	07/14/2020
7D02D29E	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:04:00	01:00:00	00:00:15	N	D	09/07/2018	07/14/2020
7D02E704	MANTOB	REASSIGN20200714	S	189	U	0	300	CA	CAMB	00:04:15	01:00:00	00:00:15	N	D	10/08/2019	07/14/2020
DA567F10	USDANR	DEPLOY 2021	S	189	R	125	300	US	USUT	00:05:00	01:00:00	00:00:10	N	U	---	03/09/2021
DA5A705E	USDANR	DEPLOY 2021	S	189	R	125	300	US	USMT	00:05:10	01:00:00	00:00:10	N	D	07/15/2020	03/09/2021
DA5A7E8C	USDANR	POWDER RIVER PASS	S	189	R	125	300	US	USMT	00:05:20	01:00:00	00:00:10	N	A	04/08/2021	03/09/2021

Filter on specific ID, group code, or channel and look for the status column.

A: System received data transmissions w/in 2 days.

D: No data transmission received in 2 days.

U: No data transmissions ever received from ID assigned to specific channel and timeslot.

Certification Standard 2 (CS2) Transition Status

	300 Baud	1200 Baud	Totals
CS1 Transmitters	13,712	339	14,051
CS2 Transmitters	18,262	192	18,454

- Continued progress on transition: 2600 more CS2 platforms transmitting since Spring 2020.
- More than 50% of all active platforms are already CS2
- No CS1 should be deployed/re-deployed at this point

CS2 Transition Deadline: May 31, 2026

PDT Week

- Our PDT Week in 2020 was successful. Many Users took that opportunity to log into the DADDS to update their metadata. We were able to have one-on-one sessions with 10 different Organizations to assist with the update process.
- Great Start, but let's keep going.
- Very important to have the metadata within the DADDS updated with accurate information. Beneficial to NOAA, Users, and Manufacturers.
 - Developing a visualization tool that will display where your DCP is located on a map.
 - Receive DCP firmware updates when necessary



PDT Week continued

- 2021 PDT Weeks: June 1, 2021 & December 1, 2021
- Users can contact us to ask questions or request assistance with creating and uploading a batch file.
- We will also be contacting Users

GOES DCS Training Day 2021

- Scheduling a full day of training this fall in conjunction with the G-DCS STIWG.
- Email Letecia.Reeves@noaa.gov topics

Reminders

- DCS Field Test is available outside of the DADDS login.
- Forgotten Password: Default answer to both security questions is your last name+4 digit PIN (Parker4411). No spaces.
- Can't remember your PIN? Contact Valerie.Randall@noaa.gov or the 24/7 Wallops Help Desk @ 757-824-7450

Guides and Tutorials Available on DADDS

The screenshot shows the NOAA GOES DATA website. The NOAA logo is in the top left. The main heading is "NOAA GOES DATA OFFICE OF SATELLITE AND DATA SERVICES". Below this is the "DCS Administration and Data Distribution System (DADDS)" section. A navigation menu on the left includes: Operational Notices (03/17/2021 06:52 UTC), Help Desk, System Information (highlighted with a red box), Program Information, DADDS File Downloads (04/08/2021 18:05 UTC), Wallops Webservers, NSOF Webservers, LRGS Status, and LRGS Deadlines. The main content area shows a "DADDS" logo and a "Submit an Application" button. Below the button is a "Notice to Users" icon and text. The bottom right of the screenshot shows "** WA".

**Next TWG/STIWG Will Take
Certification Standard 2 Transition**

Notice to Users

DCS Administration and Data Distribution System (DADDS) NOAA's System for Managing and Providing Access to Data from GOES DCS

DADDS System Information

- [Frequently Asked Question \(PDF\)](#) • 2012
- [Web Interface User's Guide \(PDF\)](#) • 2011
- [DAPS Parameters & SHEF Codes \(PDF\)](#) • 2005

Certification Information

- [GOES DCS Certified Manufacturers List \(PDF\)](#) • Sep 2020
- [GOES DCS Certification Standard V2.0/CS2 \(PDF\)](#) • Jun 2009
- [GOES DCS Certification Standard V1.0B/CS1 \(PDF\)](#) • Mar 2000
- [GOES DCS Certification Standard 100BPS -RETIRED- \(PDF\)](#) • Feb 2000
- [International User Guide & Certification Standard \(PDF\)](#) • Oct 2009
- [NOAA Policy on Use of Certified Transmitters \(PDF\)](#) • May 2011

System Diagrams

- [NOAA DCS System Diagram \(PDF\)](#) • Mar 2020
- [LRGS DCS Pilot System Diagram \(PDF\)](#) • Apr 2018
- [GOES HRIT \(PDF\)](#) • Mar 2020

HRIT Information

- [HRIT Format Update Specifications \(PDF\)](#) • Dec 2018
- [HRIT Format Update Sample Files #1 #2 #3](#) • Dec 2018
- [HRIT Quarterly Meeting Slides 2018 \(PDF\)](#) • Apr • Sept • Dec •

General Information

- [GOES 13/14 Frequency Offset Analysis \(PDF\)](#) • Aug 2009
- [Final DCS Filter Study Report, Rev. C \(PDF\)](#) • Jan 2006
- [GOES High Data Rate Transition Plan](#) • Mar 2004
- [GOES-13 DCPI and DCPR Technical Updates](#) • 2006
- [GOES DCS System Characterization Report \(PDF\)](#) • Jun 1998
- [GOES DCS Operations Plan \(FCM-P28-1997\) \(PDF\)](#) • Aug 1997

DCS Channel Information

- [GOES CS1 Channel Frequencies \(PDF\)](#) • Mar 2000
- [GOES CS2 Channel Frequencies \(PDF\)](#) • Jun 2009
- [International DCS Channel Definition \(PDF\)](#) • Oct 2009
- [GOES DCS Pilot System \(PDF\)](#) • Jun 2013

Program Information

- [GOES DCS Program Information](#) • N/A
- [GOES DCS TWG Meeting Minutes](#) • May 2020
- [GOES DCS System Use Agreement \(PDF\)](#) • N/A
- [GOES DCS Policies and Procedures \(PDF\)](#) • May 1998
- [NOAA Technical Memo NESDIS 40 \(PDF\)](#) • Mar 1994

LRGS Information

- [LRGS Client User's Guide \(PDF\)](#) • Feb 2016
- [LRGS Client Software Download](#) • Feb 2016
- [DCP Data Service \(DDS\) Protocol Specification](#) • Feb 2016

DAMS-NT Information

- [DAMS-NT Interface Specification V8.2](#) • April 2020
- [DAMS-NT East Sample Data](#) • April 2020
- [DAMS-NT West Sample Data](#) • April 2020

Website Help Information

- [Online SUA Submission & DADDS Access](#) • Mar 2018
- [DADDS Website Training Presentation](#) • Mar 2018
- [How To: Updating PDT Records](#) • Mar 2018
- [How To: Create & Use Filters](#) • Mar 2018
- [How To: Pin Code Password Reset](#) • Mar 2018

DCS Test Channels

GOES East 300 bps - CS1 & CS2 = Channel 195 (401.99200 MHz)

GOES West 300 bps - CS1 & CS2 = Channel 196 (401.99350 MHz)

GOES East and West 1200 bps - CS1 = Channel 99A/197 (401.99500 MHz)

GOES East and West 1200 bps - CS2 = Channel 198 (401.99650 MHz)

Please note: CHANNEL 151 should NO longer be used



Thank you for your attention!

Contact the PDT Week Team @

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