

GHRSSST System Component

# LONG TERM STEWARD AND REANALYSIS FACILITY

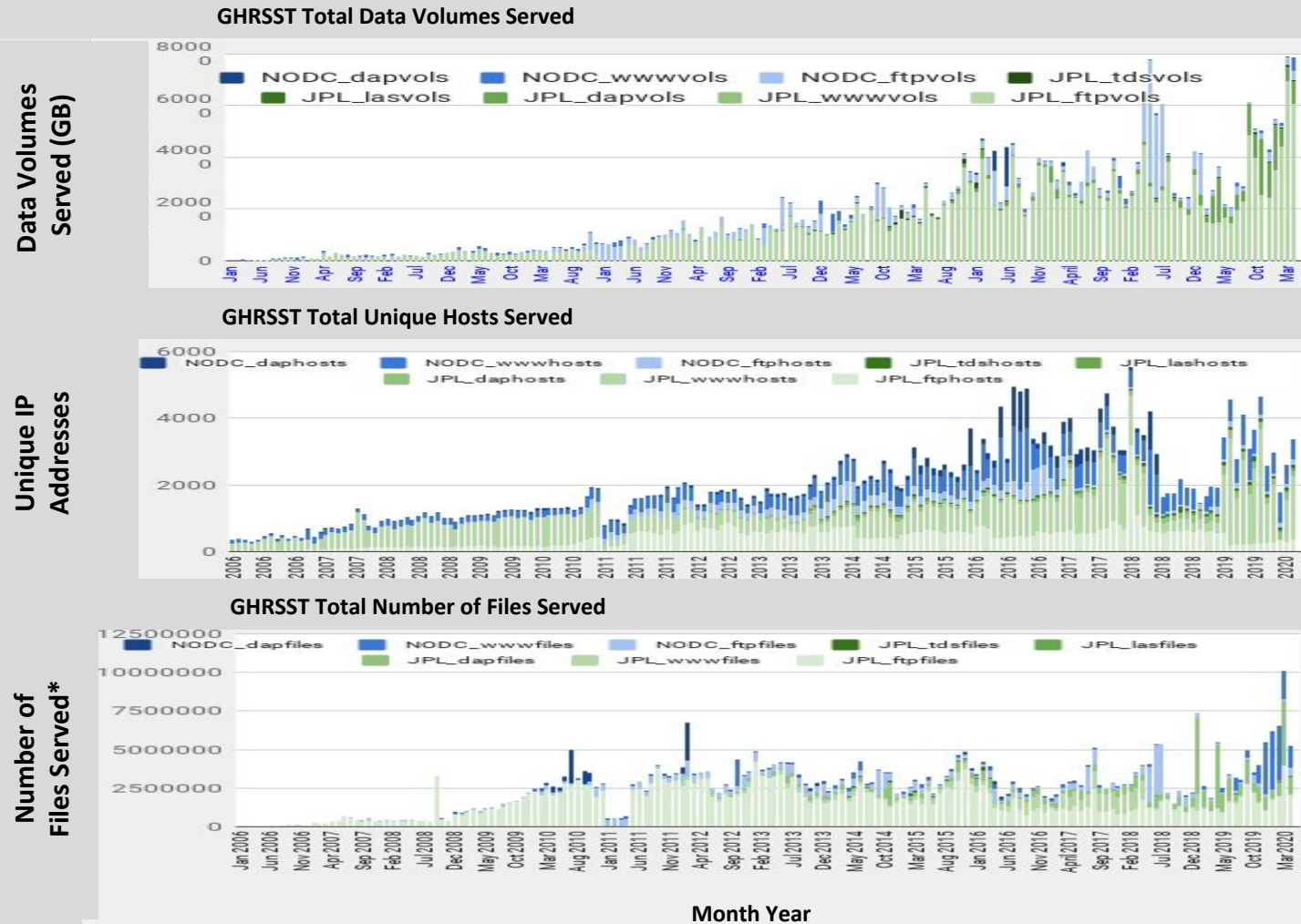
# G21 NCEI Long Term Stewardship and Reanalysis Facility (LTRSF) Update

## New Products Archived Since G20

- L3C OSISAF sub-skin SST:  
GHR SST-SEVIRI\_IO\_SST-OSISAF-L3C.
- L3C OSISAF skin SST:  
GHR SST-GOES16-OSISAF-L3C
- L3U REMSS sub-skin SST (V8a):  
GHR SST-AMSR2-REMSS-L3U
- L2P STAR SST (V2.7):  
GHR SST-ABI\_G16-STAR-L2P
- L3C STAR SST (V2.7):  
GHR SST-ABI\_G16-STAR-L3C
- Archiving NOAA MeTOp-A/B/C SST, in progress and to be archived using CLASS.
- Archiving L2P and L3U STAR long-term reanalysis ACSPO SST, in progress.

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## Monthly Access Statistics + GDAC



\* Unit of NODC\_wwwfiles is changed from 1 to 10 after Nov 2019, due to a huge rise of statistics.



# LTSRF: Daily Access Statistics

\* Estimated based on January 1 - April 30, 2020.

\* Statistics only cover ftp and http access since July 1, 2018

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*
Files served per day	1,734	3,413	21,956	14,896	28,807	20,056	21,196	12,979	15,020	18,041	32,850	16,880	874,557
GB served per day	3.9	18.8	66.3	115	73	145	156	122	202	153	407	128	134
Users served per day	8	8	11	19	19	24	36	38	63	39	33	25	27

# LTSRF: Total Archive Holdings

\* As of April 30, 2020.

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020*
Products	22	26	27	40	59	60	62	77	81	89	97	99	101
# of AIPs (K)	39	50	60	68	92	105	112	132	148	158	169	174	192
Files (M)	0.68	0.99	1.35	1.66	2.46	3.29	3.97	4.89	5.89	6.44	6.67	7.73	7.74
Volume (TB)	13	20	28	34	57	69	81	99	124	139	154	161	174

## Updates on NCEI GHR SST access and archive services and future works:

- Performed migration of the NCEI GHR SST archive system from NCEI-MD to NCEI-NC (Headquarter).
- Improved NCEI GHR SST data acquisition and ingest from PO.DAAC.
- Improved LTSRF dynamic data access table.
- Improved GHR SST data discovery at NOAA OneStop ( <https://data.noaa.gov/onestop/#/collections?q=GHRSSST>). As of May 21, 2020, 122 collection results are searchable with matching 'GHRSSST'.
- Future Challenge: Implementing updates to meet the future Regional/Global Task Sharing Framework requirements

