

JASL Research Quality Data Update

2022 GLOSS-GE-XVII meeting

National Centers for
Environmental Information (NCEI)

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Research Quality (JASL) update

As of January 2020

- Total JASL archive contains **18,477 station-years** from **688 series**.
- GLOSS Research Quality archive contains **10,421 station-years** from **254 unique sites**.
- Relative to 2017 archive, the **January 2020 status added 852 station-years** from **290 series** (2 new, non-GLOSS site with a total of 9 years).
- **5 series extended backwards** totaling 98 station-years.

*SANHO 4 GLOSS sites added back into JASL totaling 212 station-years (South Africa, Namibia) in October 2019.



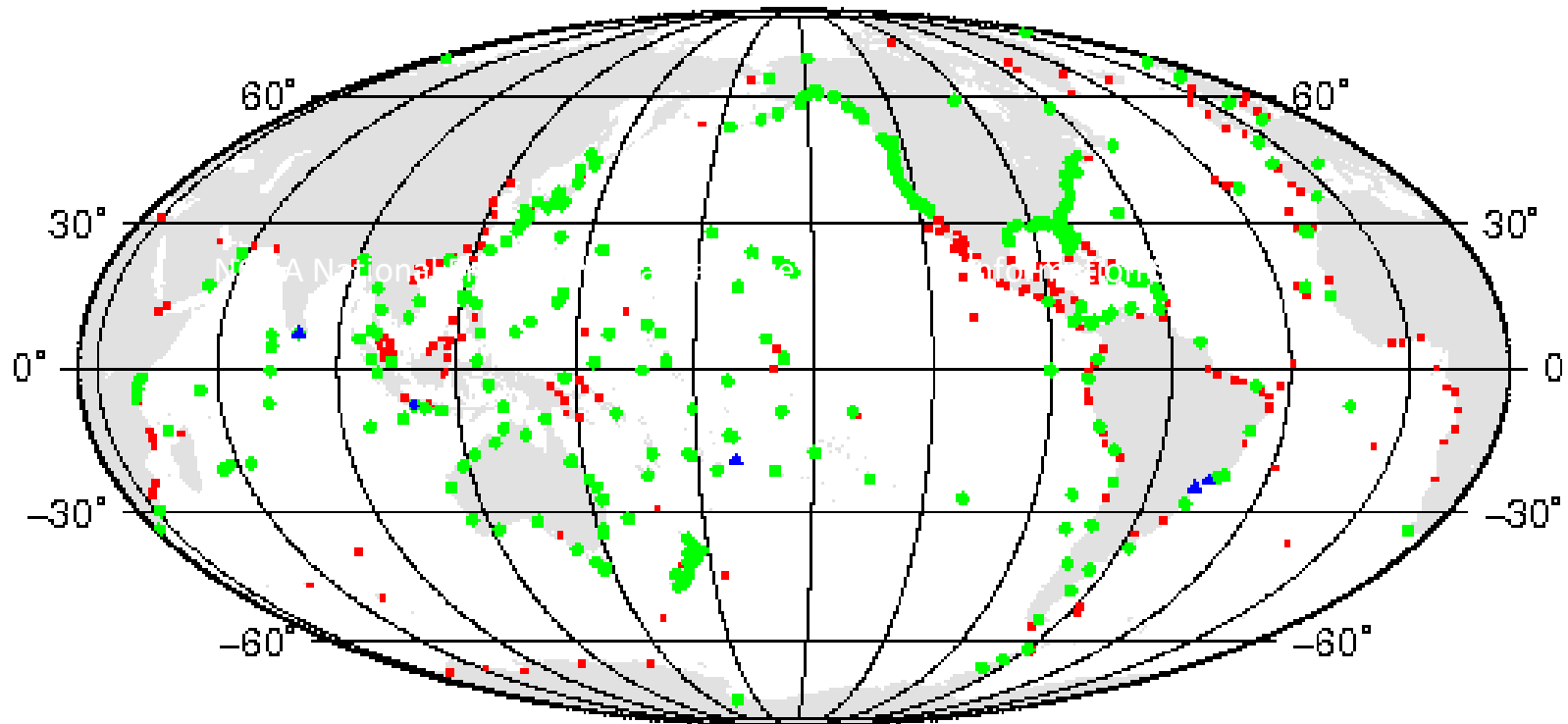
Research Quality (JASL) update

All Stations

Joint Archive for Sea Level

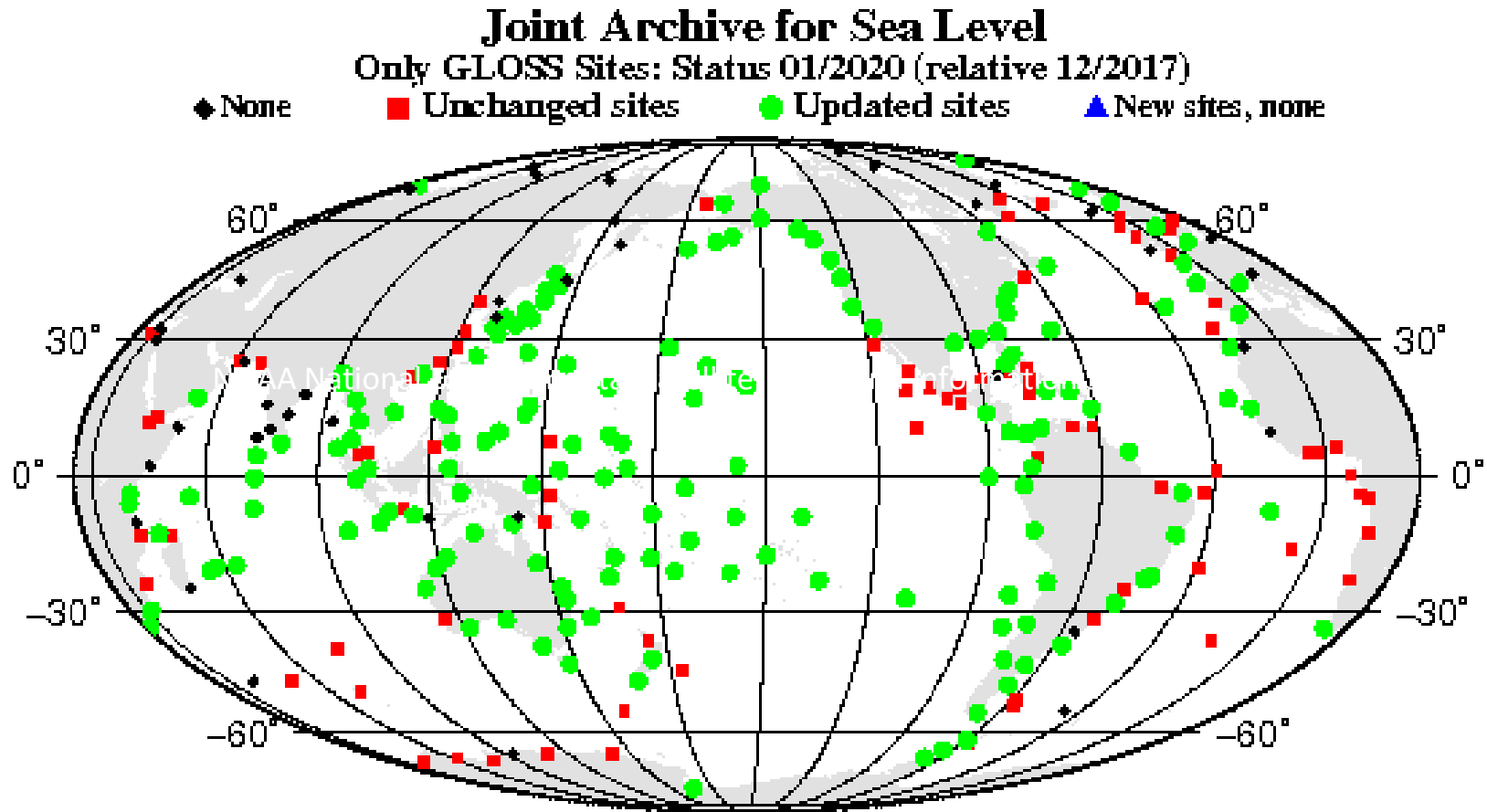
Status 01/2020 (relative 12/2017)

Unchanged series ■ Updated series ● New series ▲



Research Quality (JASL) update

All Stations



Research Quality (JASL) update

JASL citation

Caldwell, P. C., M. A. Merrifield, P. R. Thompson (2015), Sea level measured by tide gauges from global oceans — the Joint Archive for Sea Level holdings (NCEI Accession 0019568), Version 5.5, *NOAA National Centers for Environmental Information*, Dataset, [doi:10.7289/V5V40S7W](https://doi.org/10.7289/V5V40S7W)

Future Planning

- 1) Support the UHSLC data model. This includes regular updates of research quality data to UHSLC instead of bulk updates done in the past.
- 2) Improve Metadata to make it standardized and machine readable.

