



WMO OMM

World Meteorological Organization
 Organisation météorologique mondiale
 Organización Meteorológica Mundial
 Всемирная метеорологическая организация
 المنظمة العالمية للأرصاد الجوية
 世界气象组织

Secrétariat

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Our ref.: 09197/2023/S/CS/CMP/WWR-Call-2023

2 May 2023

Subject: Collection of 2020 data for publication in World Weather Records (WWR) and completion of the 2011–2020 WWR series

Action required: Submission of data at the earliest convenience but not later than **30 September 2023**

Dear Sir/Madam,

The IMO/WMO collection of World Weather Records (WWR) constitutes one of the oldest international data collections of observational data from land surface stations worldwide. The international WWR database contains long time series data from a century and more (some data dating back to 1755), thereby supporting operational climate monitoring, international climate assessments and numerous other applications, such as [access](#) to collected and quality-controlled WWR data at National Oceanographic and Atmospheric Administration's (NOAA) National Centers for Environmental Information (NCEI), United States of America.

Arrangements have been made for the collection of the WWR 2020 and for completing the 11th WWR series (2011–2020).

I therefore invite you to prepare the data for meteorological observing stations from your country or territory published in WMO's Observing Systems Capability Analysis and Review Tool (OSCAR/Surface, see: <https://oscar.wmo.int/surface>), and specifically from stations submitting monthly CLIMAT messages. The data should cover 2020 and **if not submitted yet**, please also provide the data for the years 2011 to 2019 or any missing data for individual years in this period.

A rough analysis of the 2011 to 2019 WWR data received through WMO's annual collections provides the following picture:

WMO Regional Association	RA I	RA II	RA III	RA IV	RA V	RA VI
Percentage* of Members without WWR data for 2011–2019	60%	40%	25%	25%	65%	25%
Percentage* of Members with missing WWR data for individual years during 2011–2019	30%	60%	50%	55%	25%	40%

* percentages have been rounded up or down as appropriate

To: Permanent Representatives of Members of WMO

cc: Presidents of Regional Associations
 President of SERCOM
 President of INFCOM
 Director of the National Centers for Environmental Information (NCEI), Asheville, United States of America

It is requested that data be digitized and provided in either Excel or text formats, following the [Guidelines for the Submission of the World Weather Records 2011+](#) (WMO-No. 1186), 2021 edition; the electronic submission guidance contained in Section 1.2 and all of Annex 1 of the guidelines are outdated and should be ignored, submission instructions are provided below.

Further WWR information including [Excel](#) and [Text file](#) templates are available here: <https://community.wmo.int/world-weather-records-wwr>.

To facilitate the publication of data in WWR, I should be grateful if you would send your Excel or text files by email at your earliest convenience, **but not later than 30 September 2023** to the WMO Secretariat (wcdmp@wmo.int), subject "WWR [name of country/territory]".

I would like to take this opportunity to thank you for your collaboration on WWR and to inform you of the reinstatement of the decadal cycle for the collection of WWR for the decade 2021–2030 (see [Decision 8 \(SERCOM-2\)](#) - Climate data requirements and solutions). The next WMO call for collection of the 12th series of WWR (2021–2030) will be issued in 2031. It is recommended, though, to continue computing WWR annually for use at Member level and to keep the institutional knowledge of the WWR calculation process.

Should you require further clarification, please do not hesitate to contact the WMO Climate Monitoring and Policy Services Division (Mr Omar Baddour and Mr Peer Hechler: wcdmp@wmo.int).

Yours faithfully,



Dr Elena Manaenkova
for the Secretary-General