

**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

7 bis, avenue de la Paix – Case postale 2300
CH 1211 Genève 2 – Suisse
Tél.: +41 (0) 22 730 81 11
Fax: +41 (0) 22 730 81 81
wmo@wmo.int – public.wmo.int

Ref.: 08517/2022-1.6 S/CS

Our ref.: 08517/2022/S/CS/CMP

13 May 2022

Annex: 1

Subject: WMO collection of the Climatological Standard Normals for 1991–2020,
Second callAction required: (1) Participant registrations for additional CLINO consultations by
17 June 2022
(2) Submission of data at your earliest convenience but not later than
31 December 2022

Dear Sir/Madam,

I refer to the arrangements made for the World Meteorological Organization (WMO) collection of the Climatological Standard Normals (CLINO) 1991–2020 (letter dated 4 August 2021, ref.: 16953/2021/S/CS/CMP/CLINO9120 – WMO collection of the Climatological Standard Normals for 1991–2020). I note that 25% of our Members submitted CLINO 1991–2020 by 31 March 2022 and that many submissions did not fully comply with the format requirements.

To accelerate the collection process and following the well-attended regional CLINO consultations in June 2021 (more than 300 participants from more than 100 Members), a second round of online consultations is planned for June 2022. A concept note, including the schedule for the consultations, is provided in the [annex](#) to this letter. I kindly invite you to encourage relevant staff to register for the meeting using the [registration page](#) by **17 June 2022**. Participants will receive the Zoom link upon registration.

I take this opportunity to invite Members, who have not yet done so, to submit CLINO 1991–2020 at their earliest convenience but not later than **31 December 2022**, to the WMO Secretariat (wcdmp@wmo.int). Please use the following subject for your submission: “CLINO [name of country/territory]” (example: CLINO Germany). Guidelines, templates and the above WMO call can be found [here](#). Should you require further clarification, please do not hesitate to contact the WMO Secretariat (Mr Peer Hechler, Scientific Officer, S/CS/CMP) at wcdmp@wmo.int.

Yours faithfully,

Prof. Petteri Taalas
Secretary-General

To: Permanent Representatives of Members with WMO

cc: P/INFCOM, P/SERCOM, Presidents of Regional Associations, WMO Regional Offices

CONCEPT NOTE

Second round of WMO consultations on calculating and submitting Climatological Standard Normals 1991–2020

Ref.: 08517/2022-1.6 S/CS

Context

Globally collected and compiled in a standard format, the Climatological Standard Normals provide a powerful standard climate data set for various applications, including for:

- (i) Global and regional climate monitoring
- (ii) Validation and calibration of climate models used for climate predictions and projections
- (iii) Development of various atlases which underpin climate resources assessments, such as renewable energy potential, etc.
- (iv) Underpinning climate statistics in water management, agriculture, investment strategies, climate-related health risk assessment, buildings and infrastructure standards, etc.

Climatological Standard Normals 1991–2020 are currently collected by WMO and have been agreed to be published in 2023 (cf. [Resolution 19 \(EC-73\)](#) - Collection of Climatological Standard Normals).

Second round of WMO consultations

Following a series of regional consultations in June 2021, three additional online consultations will be arranged by the Secretariat in close collaboration with the Commission for Weather, Climate, Water and Related Environmental Services and Applications (Services Commission or SERCOM) Expert Team on Data Requirements for Climate Services (ET DRC) to reflect on lessons learnt from the WMO collection process to date and promote acceleration of Climatological Standard Normals 1991–2020 submissions.

Date	Hour	Languages
28 June 2022	1530–1700 Geneva time (1330–1500 UTC)	English, Spanish, French, Russian
29 June 2022	0900–1030 Geneva time (0700–0830 UTC)	English, Spanish, French, Russian
30 June 2022	0700–0830 Geneva time (0500–0630 UTC)	English, Spanish, French, Russian

Agenda

Opening, Presentation on status and lessons learnt from first collection period October 2021-March 2022 (WMO), Open discussion, Summary and Closure

Participants

NMHS managers and technicians responsible for CLINO calculations

Resource persons (proposed)

Peer Hechler and Sarah Diouf (WMO Secretariat), Experts from SERCOM Expert Team on Data Requirements for Climate Services

Platform

ZOOM (link to be provided to registered participants shortly before the meeting starts)