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| WEATHER CLIMATE WATER | **World Meteorological Organization****EXECUTIVE COUNCIL****Seventy-Sixth Session**27 February to 3 March 2023, Geneva | **EC-76/Doc. 3.1(9)** |
| Submitted by:President of SERCOM6.XII.2022**DRAFT 1** |

**AGENDA ITEM 3: IMPLEMENTATION OF CONGRESS DECISIONS:
TECHNICAL MATTERS**

**AGENDA ITEM 3.1: Long-term goal 1: Services for societal needs**

# Fourth edition of the Guide to Climatological Practices (WMO-No. 100)

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| **Summary** |
| **Document presented by:** The president of SERCOM in response to [Recommendation 5.5(4)/1 (SERCOM-2)](https://meetings.wmo.int/SERCOM-2/_layouts/15/WopiFrame.aspx?sourcedoc=/SERCOM-2/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/SERCOM-2-d05-5(4)-GUIDE-TO-CLIMATOLOGICAL-PRACTICES-approved_en.docx&action=default) which endorsed the approval of the draft fourth edition of the [Guide to Climatological Practices](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) (WMO-No. 100) **Strategic objective 2020–2023:** 1.2 Broaden the provision of policy- and decision-supporting climate information and services.**Financial and administrative implications:** Within the parameters of the Strategic and Operational Plans 2020–2023, will be reflected in the Strategic and Operational Plans 2024–2027.**Key implementers:** SC-CLI and climate services departments in NMHSs **Time frame:** 2023 onwards**Action expected:** Review the proposed draft recommendation and approve the draft 4th edition of the Guide to Climatological Practices (WMO 100). |

# GENERAL CONSIDERATIONS

### Introduction

1. As per the [Recommendation 5.5(4)/1 (SERCOM-2)](https://meetings.wmo.int/SERCOM-2/_layouts/15/WopiFrame.aspx?sourcedoc=/SERCOM-2/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/SERCOM-2-d05-5(4)-GUIDE-TO-CLIMATOLOGICAL-PRACTICES-approved_en.docx&action=default), this document presents the draft fourth edition of the [*Guide to Climatological Practices*](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) (WMO-No. 100) in five chapters and one annex [here](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100). It is a mandatory publication of WMO under the Commission for Weather, Climate, Water and Related Environmental Services (SERCOM) that provides a holistic approach to a full range of climate activities.

2. The fourth edition of the Guide describes essential basic principles and modern practices in the development and implementation of all climate services and outlines current best practices in climatology with a focus on climate services and communication. It also takes into account the WMO reform affecting technical commissions as well as technical updates, methodologies and the concept of a quality management system affecting the provision of climate services.

3. The Guide plays a de facto technical standard at the national level in many countries. Since the release of the third edition, a process has been established for publishing interim updates of individual sections, as and when required, between full scale updates of the Guide.

4. The Guide is the only mandatory publication of WMO under SERCOM and provides a holistic approach to a full range of climate activities. It is used as an operational and training reference that facilitates capacity development in National Meteorological and Hydrological Services (NMHSs). The translation of the Guide into all official languages of WMO will broaden the outreach among user communities.

# DRAFT RESOLUTION

## Draft Resolution 3.1(9)/1 (EC-76)

## Fourth edition of the Guide to Climatological Practices (WMO-No. 100)

THE EXECUTIVE COUNCIL,

**Having considered** [Recommendation 5.5(4)/1 (SERCOM-2)](https://meetings.wmo.int/SERCOM-2/_layouts/15/WopiFrame.aspx?sourcedoc=/SERCOM-2/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/SERCOM-2-d05-5(4)-GUIDE-TO-CLIMATOLOGICAL-PRACTICES-approved_en.docx&action=default), Endorsing the approval of the draft fourth edition of the [*Guide to Climatological Practices*](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) (WMO-No. 100);

**Having examined** the proposed [new edition](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) of WMO-No. 100,

**Requests** the Secretary-General:

(1) To arrange for the expeditious translation into all official WMO languages and [Mrs Schwartz] publication of the [*Guide to Climatological Practices*](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) (WMO‑No. 100);

(2) To arrange for the updating of any current WMO publication of the [*Guide to Climatological Practices*](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100) (WMO-No. 100);

**Requests** the Commission for Weather, Climate, Water and Related Environmental Services
and Applications (SERCOM) to continue to ensure that the [*Guide to Climatological Practices*](https://community.wmo.int/activity-areas/climate/draft-fourth-edition-guide-climatological-practices-wmo-no-100)(WMO-No. 100) is periodically reviewed and updated as necessary in accordance with established procedures.

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Note: This resolution replaces [Resolution 10 (EC-LXII)](https://library.wmo.int/doc_num.php?explnum_id=4989/#page=134), which is no longer in force.