

WMO OMM

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

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.: 14977/2019/RES/ARE

12 June 2019

Subject: WMO Antarctic Ozone Bulletins

Action required: To provide total and/or vertical profile ozone data in near-real-time starting **12 August 2019**

Dear Sir/Madam,

As you may be aware, each year, the World Meteorological Organization (WMO) produces Antarctic Ozone Bulletins that report on the development of the spring ozone depletion in the Antarctic. These bulletins use near-real-time reports of ozone data from the ground-based stations of the Global Atmosphere Watch (GAW) Programme supplemented by satellite data from satellite operators. The data being used is provided by the GAW World Ozone and Ultraviolet Data Centre through the cooperation and support of Environment and Climate Change Canada. Meteorological fields and other meteorological data products are submitted daily to WMO by the European Centre for Medium Range Weather Forecasts and USA (NOAA and NASA), while UV analyses are provided by various national and international networks.

It is intended that, this year, bulletins will be issued at two-week intervals, beginning 29 August 2019, and would end when the ozone hole has dissipated. The Bulletins will be available online at <http://www.wmo.int/gaw/ozone>.

The leading role of WMO, in the preparation and distribution of these bulletins, was acknowledged by the Fourteenth World Meteorological Congress, (Cg-XIV – 2003), having greatly enhanced the visibility of WMO and its Members. These have helped the position of WMO, in partnership with the United Nations Environment Programme and its Ozone Secretariat, as the authoritative body on issues relating to the stratospheric ozone within the United Nations system, and as the international coordinator of atmospheric sciences and systematic atmospheric observations.

In light of the above, I should be grateful if you could again consider submitting daily total column ozone data, and any available ozone sounding data from GAW stations, in and near Antarctica, that is under your national supervision. This data should begin on **12 August 2019**, or as soon thereafter as available, and continue until 31 December 2019, to ensure timely preparation of the Antarctic ozone bulletins. In addition to the delivery mechanism that you have used in the past, I would like to ask you to also submit your data daily to the GTS/WIS, following the procedures described in GAW Report No. 193. This report is available as a downloadable PDF file at: http://www.wmo.int/pages/prog/arep/gaw/documents/FINAL_GAW_193.pdf.

To: Permanent Representatives of Members of WMO (limited distribution)
Head of Data Services, ECMWF

cc: Executive Director of United Nations Environment Programme

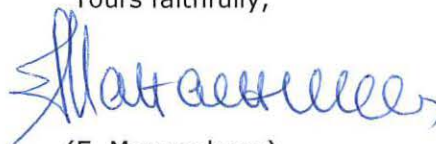
The last years (2012-2018) have been test years for this new procedure, but as far as we could see only a very limited amount of data was submitted through the GTS/WIS. I would therefore like to ask again that the ozone data be submitted through the GTS/WIS in addition to the traditional method used in the past. In the long run the plan is that the WIS will be the sole channel of data exchange.

Ms Stoyka Netcheva, Scientific Officer, Atmospheric and Environment Research Division, Research Department of WMO, will prepare the Antarctic Ozone Bulletins during 2019. Accordingly, if you would agree to submit near-real-time data for the bulletins, please contact Ms Stoyka Netcheva (snetcheva@wmo.int) and she will make arrangements for the electronic delivery of data. Should you have any technical questions or problems that may arise, please kindly let her know. I trust that you will give this request your favourable consideration.

For your information during recent years, Argentina (Belgrano, San Martin, Marambio, Ushuaia), Australia (Davis, Macquarie Island), Canada (South Pole), Czech Republic (Marambio), China (Zhong Shan), Finland (Marambio), France (Dumont D'Urville, Dôme Concordia, Kerguelen Islands), Germany (Neumayer), Italy (Belgrano), Japan (Syowa), New Zealand (Arrival Heights), Russian Federation (Mirny, Novolazarevskaya, Vostok), Spain (Belgrano), Ukraine (Vernadsky), United Kingdom of Great Britain and Northern Ireland (Halley, Rothera), United States of America (South Pole) and Uruguay (Artigas) have all contributed data. As in the past, providers of the data that is used, will be acknowledged in the Bulletins. It should be noted that all submitted data will be identified as "provisional" and that the stations should follow up with the submission of their final data sets to the WMO World Ozone and Ultraviolet Radiation Data Centre (WOUDC), in Canada, as soon as they become available.

I would like to express my appreciation for your continued support in promoting the Programmes and activities of WMO.

Yours faithfully,



(E. Manaenkova)
for the Secretary-General