



WMO OMM

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

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Our ref.: 16811/2020/S/DPS/WWIS

24 September 2020

Annex: 1 (available in English only)

Subject: Increasing the number of city forecasts provided by NMHSs on the World Weather Information Service (WWIS) Website

Action required: To complete the online questionnaire on or before **31 October 2020**

Dear Sir/Madam,

As you may be aware, the World Meteorological Organization (WMO) operates the WMO World Weather Information Service (WWIS) as a centralized website platform for the media and the public to access authoritative official city weather information issued by National Meteorological and Hydrological Services (NMHSs) efficiently and effectively. You may also be aware that the Seventeenth World Meteorological Congress (Cg-17, 2015 paragraph 3.1.55) recognized the major role played by Hong Kong, China in hosting and coordinating the WWIS website and urged all Members to support further development of WWIS by being engaged and contributing current weather observations and forecasts for use on the website. In June 2020, WWIS provided official weather information for 2906 cities. The website may be viewed by opening this website: <https://worldweather.wmo.int/en/home.html>

The challenges facing WWIS include insufficient city coverage and hence the gaps in the provision of official forecasts, failure to send forecasts every day by some participating Members and the issue of NMHSs providing forecasts that are not long enough (i.e. less than 5 days) which limits the usefulness of the information to users.

I am, therefore, pleased to inform you that the European Centre for Medium Range Weather Forecast (ECMWF) has agreed to provide ENS Meteogram data to Members whose provision of forecasts for display on WWIS are for less than 10 cities, forecasts are shorter than 5 days and/or where the frequency of provision of forecasts does not exceed 25 days a month. The ECMWF ENS data will afford the relevant NMHSs easy access to forecasts for their consideration for display on the WWIS, as well as for reference in providing their weather services. When displayed, the ECMWF forecasts will be denoted as supplementary, automatically generated filler forecasts to avoid gaps on the platform. Meanwhile, WMO will continue to work closely with Members to assist them to furnish their own forecasts.

To facilitate the choice for your country to use ECMWF data on WWIS, a questionnaire has been prepared for completion. As your Service falls into at least one of the categories described above, please kindly consider completing the online questionnaire on or before **31 October 2020**. The questionnaire can be accessed through the following weblink:

https://analytics-eu.clickdimensions.com/cn/accqt/WWIS_ECMWF_CityForec

To: Permanent Representatives of Members with WMO (limited distribution)

cc: Hydrological Advisers

In order to view the city forecasts provided by ECMWF for your country, please open WWIS Portal for WMO Members below:

<https://portal.worldweather.org/login.php> and login as follows:

username: wwis-fcst

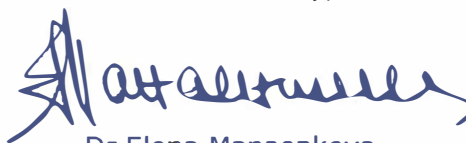
password: wmo2020

On the website, please select the link "Forecast of your cities from ECMWF" and then click on the link "Member" to open a dropdown menu through which you can view the ECMWF data for your country.

For quick reference, a Table in the annex to this letter, provides information on the number of cities for which forecasts are provided by your NMS and the number of days of the forecasts. A colour is assigned to indicate the availability of the forecasts. The website above provides the updated status.

I wish to take this opportunity to thank you for your continued support to the WMO activities.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Elena Manaenkova', with a stylized initial 'E'.

Dr Elena Manaenkova
for the Secretary-General

**WMO MEMBERS INVITED TO CONSIDER USING ECMWF DATA FOR
ENHANCED WWIS PARTICIPATION**

Ref.: 16811/2020-1.10 S/DPS

WMO Member	No of cities currently provided on WWIS	No of forecast days	Availability (colour)
Algeria	12	3	Green
Bhutan	8	3	Green
Bosnia and Herzegovina	4	3	Green
Brunei Darussalam	1	3	Green
Indonesia	49	3	Green
Kazakhstan	2	3	Green
Montenegro	1	3	Green
Nepal	12	1	Green
New Caledonia	16	2	Green
Senegal	20	3	Green
Sri Lanka	10	3	Green
Uzbekistan	4	3	Green
Botswana	6	4	Orange
British Caribbean Territories	1	5	Orange
Democratic People's Republic of Korea	1	4	Orange
Ethiopia	11	3	Orange
Guyana	10	3	Orange
Jamaica	2	3	Orange
Kingdom of Eswatini	2	4	Orange
Kuwait	2	5	Orange
Kyrgyzstan	2	5	Orange
Namibia	1	4	Orange
Republic of Moldova	4	3	Orange
Saint Lucia	2	5	Orange
Suriname	8	5	Orange
Vanuatu	6	3	Orange
Afghanistan	2	0	Purple
Albania	0	0	Purple
Angola	1	0	Purple
Antigua and Barbuda	1	0	Purple
Bangladesh	6	0	Purple
Barbados	0	0	Purple
Benin	10	0	Purple
Bolivia, Plurinational State of	0	0	Purple
Burkina Faso	9	0	Purple
Burundi	7	0	Purple
Cambodia	2	0	Purple
Cameroon	7	0	Purple

WMO Member	No of cities currently provided on WWIS	No of forecast days	Availability (colour)
Cape Verde	1	0	Purple
Central African Republic	7	0	Purple
Chad	0	0	Purple
Colombia	42	0	Purple
Comoros	1	0	Purple
Congo	0	0	Purple
Cook Islands	0	0	Purple
Cote d'Ivoire	6	0	Purple
Democratic Republic of the Congo	1	4	Purple
Djibouti	1	0	Purple
Dominica	1	0	Purple
Egypt	6	0	Purple
Eritrea	2	0	Purple
French Polynesia	1	0	Purple
Gabon	1	0	Purple
Gambia	1	0	Purple
Georgia	1	0	Purple
Guatemala	1	0	Purple
Guinea	12	0	Purple
Guinea-Bissau	1	0	Purple
Haiti	1	0	Purple
Honduras	1	0	Purple
Iceland	1	0	Purple
Jordan	3	0	Purple
Kiribati	0	0	Purple
Lebanon	1	0	Purple
Lesotho	12	0	Purple
Liberia	0	0	Purple
Madagascar	6	3	Green
Malawi	1	0	Purple
Mauritania	0	0	Purple
Mexico	34	0	Purple
Micronesia, Federated States of	0	0	Purple
Monaco	0	0	Purple
Morocco	2	0	Purple
Mozambique	11	0	Purple
Nicaragua	1	0	Purple
Niger	1	0	Purple
Niue	0	0	Purple
Peru	10	0	Purple
Philippines	23	0	Purple

WMO Member	No of cities currently provided on WWIS	No of forecast days	Availability (colour)
Samoa	1	0	Purple
Sao Tome and Principe	0	0	Purple
Seychelles	1	0	Purple
Sierra Leone	1	0	Purple
Solomon Islands	1	0	Purple
Somalia	3	0	Purple
South Sudan	2	0	Purple
Sudan	6	0	Purple
Sweden	6	5	Purple
Tajikistan	4	0	Purple
Timor-Leste	0	0	Purple
Togo	1	0	Purple
Tonga	0	0	Purple
Tunisia	1	0	Purple
Turkmenistan	1	0	Purple
Tuvalu	0	0	Purple
Uruguay	2	0	Purple
Venezuela, Bolivarian Republic of	24	0	Purple
Viet Nam	3	0	Purple
Yemen	0	0	Purple
Zimbabwe	18	0	Purple
Bahrain	1	5	Red
Dominican Republic	8	3	Red
Iraq	6	3	Red
Netherlands Antilles and Aruba	2	3	Red
Papua New Guinea	9	4	Red
Syrian Arab Republic	8	3	Red
Azerbaijan	3	3	White
Belarus	1	3	White
Croatia	5	3	White
Cyprus	6	4	White
El Salvador	5	2	White
Fiji	2	3	White
Hungary	6	3	White
Iran, Islamic Republic of	30	3	White
Israel	11	4	White
Lao People's Democratic Republic	6	3	White
Libya	6	3	White
Mali	8	2	White

WMO Member	No of cities currently provided on WWIS	No of forecast days	Availability (colour)
Slovakia	8	3	White
Bahamas	3	3	Yellow
Belize	2	4	Yellow
Costa Rica	17	5	Yellow
Czech Republic	5	5	Yellow
Ecuador	4	3	Yellow
Mauritius	3	5	Yellow
Nigeria	6	5	Yellow
Panama	6	5	Yellow
Paraguay	5	5	Yellow
Qatar	4	3	Yellow
South Africa	3	5	Yellow
North Macedonia	2	5	Yellow
Uganda	10	5	Yellow
United Arab Emirates	3	5	Yellow

Remarks on Availability

Purple: Not available

Red: Available for 1 – 10 days a month

Orange: Available for 11 -20 days a month

Yellow: Available for 21 – 25 days a month

Green: Available for more than 25 days a month but not 100%

White: 100% available

Note: The table above listed data at the time of preparation.

For latest information, please visit this link: https://portal.worldweather.org/stats_test.php