



Our ref.: WDS/SDD/WWIS

GENEVA, 15 August 2016

Annex(es): 2 (available in English only)

Subject: Enhancement of the World Weather Information Service (WWIS) website

Action required: (a) Members who are already participating in WWIS : To provide forecasts valid for at least 5 days

(b) Members not yet participating in WWIS: To start participating in WWIS

Dear Sir/Madam,

As you are aware, the Public Weather Services (PWS) programme initiated the World Weather Information Service (WWIS) website in 2000. The purpose of WWIS is to promote National Meteorological and Hydrological Services (NMHSs) as the official sources of hydrometeorological forecasts.

WWIS is coordinated by the Hong Kong Observatory (HKO) and is now available in 11 language versions. It provides weather observations, weather forecasts and climatological information for selected cities supplied by NMHSs worldwide. Links to NMHS official weather service websites and tourism board/organizations are also provided whenever available.

In order to standardize the level of service on WWIS, meet user needs, and enhance the visibility of NMHSs compared to other sources that provide forecasts, we are requesting NMHSs to be providing at least five days of public weather forecasts.

Appendix 1 shows the list of Members participating in WWIS and the number of days of validity of the forecasts they provide. For Members in this category who are unable to provide 5-day forecaster-produced forecasts, we invite you to provide NWP-derived forecasts from your service, if available. If such NWP forecasts are not available from your Service, as an alternative, WMO will augment your available public weather forecasts with NWP forecast data from the European Centre of Medium-Range Forecasting (ECMWF) Ensemble Prediction System (EPS) Forecast Meteograms. The ECMWF has been authorized by WMO to generate and make available EPS public weather forecast information for 10 locations for all Members. For assistance in augmenting forecaster-generated forecasts with NWP forecasts, please contact Mr Armstrong Cheng (cityforecast@hko.gov.hk), Coordinator, WMO WWIS Project with a copy to Mr Samuel Muchemi (SMuchemi@wmo.int). *Action requested:* We would appreciate receiving your response to this proposed way forward by **1 October 2016**, after which date, unless you have indicated otherwise, we will proceed as indicated above.

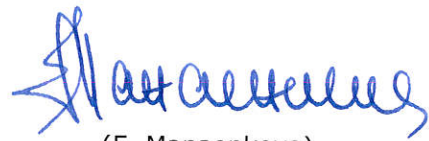
To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO (PR-6919)

cc: Hydrological Advisers to Permanent Representatives

Appendix 2 shows the list of Members who are not yet participating in WWIS. Members in this category are encouraged to start their participation as soon as possible. To join WWIS for the first time, please contact Mr Armstrong Cheng (HKO) with a copy to Mr Samuel Muchemi (WMO) as shown above. Action requested: We would request you to respond to this letter indicating your intention to start supplying your forecasts on WWIS website before the deadline indicated above, following which date, if we have not received your response, the forecast information from ECMWF, as described above, will be displayed on the website for your country.

We appreciate your support for the WWIS website as we continue to promote NMHSs as the official, authoritative source of worldwide weather forecasts and warnings.

Yours faithfully,



(E. Manaenkova)
for the Secretary-General

WDS/SDD/WWIS, Appendix 1

	Country/Territory	WMO Region	Number of forecast days (valid for the period 1 - 31 July 2016)
No.	Members Participating in WWIS		
1.	Afghanistan	II	0
2.	Cambodia	II	0
3.	Cameroon	I	0
4.	Colombia	III,IV	0
5.	Costa Rica	IV	0
6.	Egypt	I	0
7.	Gambia	I	0
8.	Ghana	I	0
9.	Guyana	III	0
10.	Iran	II	0
11.	Jordan	VI	0
12.	Lesotho	I	0
13.	Mexico	IV	0
14.	Myanmar	II	0
15.	Pakistan	II	0
16.	Philippines	V	0
17.	Saudi Arabia	II	0
18.	Tajikistan	II	0
19.	Tunisia	I	0
20.	Uruguay	III	0
21.	Viet Nam	II	0
22.	Zambia	I	0
23.	Zimbabwe	I	0
24.	Mali	I	1
25.	Nepal	II	1
26.	Samoa	V	1
27.	Tanzania	I	1
28.	Austria	VI	2
29.	Belize	IV	2
30.	El Salvador	IV	2
31.	Indonesia	V	2
32.	New Caledonia	V	2
33.	Nigeria	I	2
34.	Algeria	I	3
35.	Argentina	III	3

	Country/Territory	WMO Region	Number of forecast days (valid for the period 1 - 31 July 2016)
No.	Members Participating in WWIS		
36.	Azerbaijan	VI	3
37.	Bahamas	IV	3
38.	Belarus	VI	3
39.	Bosnia and Herzegovina	VI	3
40.	Brunei Darussalam	V	3
41.	Bulgaria	VI	3
42.	Croatia	VI	3
43.	Czech Republic	VI	3
44.	Dominican Republic	IV	3
45.	Ecuador	III	3
46.	Ethiopia	I	3
47.	Fiji	V	3
48.	Hungary	VI	3
49.	Iraq	II	3
50.	Jamaica	IV	3
51.	Kazakhstan	II,VI	3
52.	Kyrgyzstan	II	3
53.	Lao PDR	II	3
54.	Libya	I	3
55.	Madagascar	I	3
56.	Mauritius	I	3
57.	Moldova	VI	3
58.	Mongolia	II	3
59.	Montenegro	VI	3
60.	Netherlands Antilles and Aruba	IV	3
61.	Peru	III	3
62.	Poland	VI	3
63.	Qatar	II	3
64.	Russian Federation	II,VI	3
65.	Rwanda	I	3
66.	Saint Lucia	IV	3
67.	Singapore	V	3
68.	Slovakia	VI	3
69.	Sri Lanka	II	3
70.	Syrian Arab Republic	VI	3
71.	Thailand	II	3

	Country/Territory	WMO Region	Number of forecast days (valid for the period 1 - 31 July 2016)
No.	Members Participating in WWIS		
72.	The former Yugoslav Republic of Macedonia	VI	3
73.	Uganda	I	3
74.	United Arab Emirates	II	3
75.	Uzbekistan	II	3
76.	Vanuatu	V	3
77.	Venezuela	III,IV	3
78.	Botswana	I	4
79.	Cyprus	VI	4
80.	DPR of Korea	II	4
81.	France	I,III,IV,VI	4
82.	Greece	VI	4
83.	Israel	VI	4
84.	Kenya	I	4
85.	Mozambique	I	4
86.	Namibia	I	4
87.	New Zealand	V	4
88.	Papua New Guinea	V	4
89.	Romania	VI	4
90.	Swaziland	I	4
91.	Armenia	VI	5
92.	Bahrain	II	5
93.	Belgium	VI	5
94.	Brazil	III	5
95.	British Caribbean Territories	IV	5
96.	Chile	III	5
97.	Cuba	IV	5
98.	Denmark	VI	5
99.	Estonia	VI	5
100.	Finland	VI	5
101.	Germany	VI	5
102.	Ireland	VI	5
103.	Italy	VI	5
104.	Kuwait	II	5
105.	Latvia	VI	5
106.	Lithuania	VI	5
107.	Malaysia	V	5

	Country/Territory	WMO Region	Number of forecast days (valid for the period 1 - 31 July 2016)
No.	Members Participating in WWIS		
108.	Maldives	II	5
109.	Malta	VI	5
110.	Netherlands	VI	5
111.	Norway	VI	5
112.	Panama	IV	5
113.	Paraguay	III	5
114.	Portugal	I,VI	5
115.	Republic of Korea	II	5
116.	Republic of Serbia	VI	5
117.	Slovenia	VI	5
118.	South Africa	I	5
119.	Spain	I,VI	5
120.	Sweden	VI	5
121.	Switzerland	VI	5
122.	Trinidad and Tobago	IV	5
123.	Turkey	VI	5
124.	Ukraine	VI	5
125.	United Kingdom	I,IV,V,VI	5
126.	Canada	IV	6
127.	India	II	6
128.	Oman	II	6
129.	Australia	V	7
130.	China	II	7
131.	Japan	II	7
132.	Macao, China	II	7
133.	United States	IV,V	7
134.	Hong Kong, China	II	9

Members Not Yet Participating in WWIS

- | | | |
|---------------------|---------------------|---------------------|
| 1. Albania | 18. Democratic | 37. Monaco |
| 2. Angola | Republic of the | 38. Morocco |
| 3. Antigua and | Congo | 39. Niger |
| Barbuda | 19. Djibouti | 40. Niue |
| 4. Bangladesh | 20. Dominica | 41. Timor-Leste |
| 5. Barbados | 21. Eritrea | 42. Togo |
| 6. Benin | 22. Gabon | 43. Tonga |
| 7. Bhutan | 23. Georgia | 44. Turkmenistan |
| 8. Bolivia, | 24. Guatemala | 45. Tuvalu |
| Plurinational State | 25. Guinea | 46. Sao Tome and |
| of | 26. Guinea-Bissau | Principe |
| 9. Burkina Faso | 27. Haiti | 47. Senegal |
| 10. Burundi | 28. Honduras | 48. Serbia |
| 11. Cabo Verde | 29. Iceland | 49. Seychelles |
| 12. Central African | 30. Kiribati | 50. Sierra Leone |
| Republic | 31. Lebanon | 51. Solomon Islands |
| 13. Chad | 32. Liberia | 52. Somalia |
| 14. Comoros | 33. Luxembourg | 53. South Sudan |
| 15. Congo | 34. Malawi | 54. Sudan |
| 16. Cook Islands | 35. Mauritania | 55. Suriname |
| 17. Côte d'Ivoire | 36. Micronesia, | 56. Thailand |
| | Federated States of | 57. Yemen |