

(As of 5 January 2023)

Regional WIGOS Centre Monitoring Report  
July – December 2022  
Regional Association II (Asia)

RWC Tokyo, Japan Meteorological Agency (JMA)

The regional WIGOS Centre (RWC) Tokyo provided mandatory RWC functions for Group B Members during the period from July to December 2022.

- I.     WDQMS incident tickets (Closed, Resolved)  
Two incident tickets issued to NMHSs in Thailand and Hong Kong, China have been successfully closed. As a result, incidents at 8 stations were resolved. (APPENDIX I)
- II.    WDQMS incident tickets (Ongoing)  
Three incident tickets issued to Viet Nam, Lao PDR and Mongolia are in progress. Those incidents will be continuously managed by RWC Tokyo in the coming term. (APPENDIX II)
- III.   Quality performance  
Quality monitoring reports evaluating surface and upper-air observation in Asia which include suspect station lists are available at the following website.
  - Monthly Statistics on Availability:  
<https://www.jma.go.jp/jma/jma-eng/jma-center/rwc/reports.html>
  - Monthly Statistics on Quality:  
<http://qc.kishou.go.jp/>Quality reports are issued by the Regional Specialized Meteorological Centre (RSMC) Tokyo operated by the Japan Meteorological Agency (a partner of RWC Tokyo).
- IV.    Others  
There are five notices for future reference. (APPENDIX III)

Group B (16 Members): From 1 July to 31 December, RWC Tokyo manages: Cambodia, Democratic People's Republic of Korea, Hong Kong (China), Kazakhstan, Kyrgyzstan, Lao People's Democratic Republic, Macao (China), Mongolia, Myanmar, Republic of Korea, Russian Federation, Tajikistan, Thailand, Turkmenistan, Uzbekistan, Viet Nam

[APPENDIX I] WQMS incident tickets (Closed)

No.	Date of issue raised	Variable(s) with issues	Station Name / WIGOS ID	Country	Performance category	Remarks
RWC-508	02/Sep/2022	Temperature, humidity, wind, pressure	CHIANG MAI / 0-20000-0-48327 UBON RATCHATHANI / 0-20000-0-48407 BANGNA AGROMET / 0-20000-0-48453 PHUKET AIRPORT / 0-20000-0-48565 SONGKHLA / 0-20000-0-48568	Thailand	Upper-air availability	Upper-air data are not reported due to the lack of observation instruments. Thailand has a plan to start upper-air observation again.
RWC-592	25/Dec/2022	Temperature, humidity, wind, pressure	LAU FAU SHAN/ 0-20000-0-45035 SHA TIN/ 0-20000-0-45039 CHEUNG CHAU/ 0-20000-0-45044	Hong Kong, China	Surface availability	Reporting intervals in OSCAR/Surface were rectified.

[APPENDIX II] WQMS incident tickets (Ongoing)

No.	Date of issue raised	Variable(s) with issues	Station Name / WIGOS ID	Country	Performance category	Remarks
RWC-175	05/Aug/2021	Temperature, humidity, wind, pressure	BARSHINO / 0-20000-0-35357	Kazakhstan	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.
RWC-198	13/Sep/2021	Temperature, humidity, wind, pressure	RINCHINLHUMBE / 0-20000-0-44203	Mongolia	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.  Postscript in December 2022: Temperature was updated. But other elements are not. This ticket was inherited by RWC 497.

RWC-229	06/Jan/2022	Position	DWARKA / 0-20000-0-42731 KODAIKANAL / 0-20000-0-43339 MINICOY / 0-20000-0-43369	India	Surface quality	Positions of observation station were rectified. But positions of observation instruments have not been rectified yet.
RWC-232	12/Jan/2022	Temperature, humidity, wind, pressure	TSAMPA / 0-20000-0-44517	Bhutan	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect. See APPENDIX III.
RWC-263	10/Feb/2022	Position	UDAIPUR DABOK / 0-20000-0-42542 RENTACHINTALA / 0-20000-0-43177 MEERUT / 0-20000-0-42139 T.B.I.A / 0-20000-0-43005 KODAIKANAL / 0-20000-0-43339 KEONGJHARGARH / 0-20000-0-42891 SHIMLA / 0-20000-0-42083 PET JORHAT / 0-20000-0-42423	India	Surface quality	Elevation in OSCAR/Surface is possibly incorrect. This ticket was issued by ECMWF.
RWC-264	10/Feb/2022	Position	AL RAQEI / 0-20000-0-40371 UMLUJ / 0-20000-0-40436 RAS TANURA / 0-20000-0-40421 ABQAIQ / 0-20000-0-40419	Saudi Arabia	Surface quality	Elevation in OSCAR/Surface is possibly incorrect. This ticket was issued by ECMWF.
RWC-278	11/Mar/2022	Temperature, humidity, wind, pressure	KUSHIRO(47418-1) / 0-20001-0-47418 WAJIMA /	Japan	Upper-air availability	Upper-air observations were suspended at four stations due to some technical problems and

			0-20000-0-47600 SHIONOMISAKI(47778-1) / 0-20001-0-47778 MATSUE / 0-20000-0-47741			resumed except for KUSHIRO(47418-1).
RWC-279	11/Mar/2022	Temperature, humidity, wind, pressure	TOKUSHIMA AB / 0-20000-0-47881 IWOTO / 0-20000-0-47981	Japan	Upper-air availability	OSCAR/Surface was corrected. But data is shown as an error in WDQMS web tool due to bug.
RWC-291	17/Mar/2022	Temperature, humidity, wind, pressure	- / 40361 - / 40420	Saudi Arabia	Surface availability	This ticket was issued by CBS Lead Centre (DWD). See APPENDIX III. CLIMAT is reported from these stations. But these are not registered in OSCAR/Surface.
RWC-378	14/Apr/2022	Position	MURREE / 0-20000-0-41573	Pakistan	Surface quality	Elevation in OSCAR/Surface is possibly incorrect.
RWC-379	14/Apr/2022	Temperature, humidity, wind, pressure	BAHRAIN(INT. AIRPORT) / 0-20000-0-41150	Bahrain	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect. See Appendix III.
RWC-409	29/Apr/2022	WIGOS ID	SOHAR AIRPORT / 41247	Oman	Surface availability	This ticket was issued by CBS Lead Centre (DWD). This station should be registered as 0-20000-0-41247 but registered as 41247 in OSCAR/Surface. This issue was reported to WMO and Oman NFP via OSCAR Team in MeteoSwiss. See Appendix III.
RWC-488	24/Jun/2022	Temperature, humidity, wind, pressure	HANIMAADHOO / 0-20000-0-43533 KADHDHOO / 0-20000-0-43577 KAADEDHDHOO / 0-20000-0-43588 GAN /	Maldives	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.

RWC-495	15/Jul/2022	wind	0-20000-0-43599 HA TINH / 0-20000-0-48846 QUANG NGAI / 0-20000-0-48863 PLEIKU / 0-20000-0-48866 SONG TU TAY (SOUTH WEST CAY) / 0-20000-0-48892 THO CHU / 0-20000-0-48916 HUYEN TRAN / 0-20000-0-48919	Viet Nam	Surface availability	Reporting intervals on wind are not registered in OSCAR/Surface.
RWC-496	15/Jul/2022	Temperature, humidity, wind, pressure	BOUNNEUA / 0-20000-0-48921 LUANG NAMTHA (M.SING) / 0-20000-0-48924 OUDOMXAY / 0-20000-0-48925 HOUEI-SAI * / 0-20000-0-48926 VIENGSAI / 0-20000-0-48927 SAMNEUA / 0-20000-0-48928 LUANG-PRABANG / 0-20000-0-48930 SAYABOURY / 0-20000-0-48938 PARKXANH / 0-20000-0-48945 SENO / 0-20000-0-48948 ATTOPEU / 0-20000-0-48957	Lao PDR	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.

RWC-497	29/Jul/2022	Temperature, humidity, wind, pressure	HATGAL / 0-20000-0-44207 and others Total is 58 stations	Mongolia	Surface availability	This ticket inherits RWC-198. Reporting intervals in OSCAR/Surface are possibly incorrect. These issues are similar to those pointed in RWC-198.
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[APPENDIX III] Others

Relate to	Country	Description
RWC-232	Bhutan	WDQMS NFP is out of the office for a while due to circumstances. Substitute is WIGOS NFP. It is needed to communicate with the substitute NFP via emails, not JIRA.
RWC-291	Saudi Arabia	No response from NFPs.
RWC-379	Bahrain	Bahrain says they have two OSCAR focal points, but now only one is seen on the <a href="#">WMO website</a> . They may need assistance with registration.
RWC-409	Oman	No response from OSCAR NFP.
RWC-496	Lao PDR	There was a response just once.

The status of WDQMS NFP nomination and the result of communication

Group B (From 1 July to 31 December)

Country	WDQMS NFP	Response	Country	WDQMS NFP	Response
Hong Kong, China	Nominated	JIRA	Republic of Korea	Nominated	(No issue)
Macao, China	Nominated	(No issue)	Democratic People's Republic of Korea	(Vacant)	(No issue)
Kazakhstan	Nominated	(No issue)	Cambodia	(Vacant)	(No issue)
Mongolia	Nominated	No response	Kyrgyzstan	(Vacant)	(No issue)
Myanmar	Nominated	(No issue)	Tajikistan	(Vacant)	(No issue)
Viet Nam	Nominated	Email	Turkmenistan	(Vacant)	(No issue)
Thailand	Nominated	Email	Uzbekistan	(Vacant)	(No issue)
Lao People's Democratic Republic	Nominated	Email	Russian Federation	(Vacant)	(No issue)