

(As of 27 December 2023)

Regional WIGOS Centre Monitoring Report  
July – December 2023  
Regional Association II (Asia)

RWC Tokyo, Japan Meteorological Agency (JMA)

The regional WIGOS Centre (RWC) Tokyo provided mandatory RWC functions for Group A Members during the period from July to December 2023.

- I. WDQMS incident tickets (Closed, Resolved)  
Five incident tickets issued to NMHSs in Saudi Arabia, Sri Lanka and India have been successfully closed. As a result, incidents at 24 stations were resolved. (APPENDIX I)
- II. WDQMS incident tickets (Ongoing)  
Four new incident tickets issued to Bangladesh, Kuwait, the United Arab Emirates and Sri Lanka are in progress. Those incidents will be continuously managed by RWC Tokyo. (APPENDIX II)
- III. Quality performance  
Quality monitoring reports evaluating surface and upper-air observation in Asia which include suspect station lists are available on the following websites.
  - 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).

Group A (17 Members):

Afghanistan, Bahrain, Bangladesh, Bhutan, India, Iraq, Islamic Republic of Iran, Kuwait, Maldives, Nepal, Oman, Pakistan, Qatar, Saudi Arabia, Sri Lanka, United Arab Emirates, Yemen

[APPENDIX I] WDQMS incident tickets (Closed, Resolved)

No.	Date of issue raised	Variable(s) with issues	Station Name / WIGOS ID	Country	Performance category	Remarks
RWC-264	11/Feb/2022	Coordinates	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	Coordinates in OSCAR/Surface were rectified.
RWC-291	17/Mar/2022	Temperature, humidity, wind, pressure	Al jouf AirPort / 0-682-0-014NBR040361 Alhsa AirPort / 0-682-0-013EPA040420	Saudi Arabia	Surface availability	Two stations were newly registered in OSCAR/Surface.
RWC-687	01/Jun/2023	Coordinates	TRINCOMALEE / 0-20000-0-43418 BADULLA / 0-20000-0-43479	Sri Lanka	Surface quality	Coordinates in OSCAR/Surface were rectified.
RWC-775	13/Nov/2023	Wind	JAMMU / 0-20000-0-42056 DIBRUGARH / MOHANBARI / 0-20000-0-42314 GWALIOR / 0-20000-0-42361 JALPAIGURI / 0-20000-0-42399 GUWAHATI / 0-20000-0-42410 NAGPUR SONEGAON / 0-20000-0-42867 JHARSIGUDA / 0-20000-0-42886 JAGDALPUR / 0-20000-0-43041	India	Upper-air quality	A bug in the data processing software was rectified.

			RAMGUNDAM / 0-20000-0-43086 CHENNAI/MINAMBAKKAM / 0-20000-0-43279			
RWC-776	13/Nov/2023	Temperature	GANGANAGAR / 0-20000-0-42123 JODHPUR / 0-20000-0-42339 JAIPUR / SANGANER / 0-20000-0-42348 AHMADABAD / 0-20000-0-42647 HYDERABAD AIRPORT / 0-20000-0-43128 MINICOY / 0-20000-0-43369	India	Upper-air quality	A bug in the data processing software was 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-229	06/Jan/2022	Coordinates	DWARKA / 0-20000-0-42731 KODAIKANAL / 0-20000-0-43339 MINICOY / 0-20000-0-43369	India	Surface quality	The coordinates in OSCAR/Surface are incorrect.
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.
RWC-263	10/Feb/2022	Coordinates	UDAIPUR DABOK / 0-20000-0-42542 RENTACHINTALA / 0-20000-0-43177 MEERUT /	India	Surface quality	Elevation in OSCAR/Surface is possibly incorrect. This ticket was issued by ECMWF.

			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			
RWC-278	11/Mar/2022	Temperature, humidity, wind, pressure	KUSHIRO(47418-1) / 0-20001-0-47418 WAJIMA / 0-20000-0-47600 MATSUE / 0-20000-0-47741 SHIONOMISAKI(47778-1) / 0-20001-0-47778	Japan	Upper-air availability	Upper-air observations were suspended at four stations due to some technical problems.
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-378	14/Apr/2022	Coordinates	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.
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.

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 / 0-20000-0-43599	Maldives	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.
RWC-495	15/Jul/2022	Wind	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 /	Lao PDR	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.

			0-20000-0-48938 PARKXANH / 0-20000-0-48945 SENO / 0-20000-0-48948 ATTOPEU / 0-20000-0-48957			
RWC-497	29/Jul/2022	Temperature, humidity, wind, pressure	RINCHINLHUMBE / 0-20000-0-44203 HATGAL / 0-20000-0-44207 and others Total is 59 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.
RWC-610	19/Dec/2022	Coordinates	LAHSH / 0-20000-0-38744	Tajikistan	Surface quality	This ticket was issued by CBS Lead Centre (DWD). Elevation in OSCAR/Surface is possibly incorrect.
RWC-666	01/May/2023	Coordinates	DANG / 0-20000-0-44429 JUMLA / 0-20000-0-44424 POKHARA AIRPORT / 0-20000-0-44434 DHANKUTA / 0-20000-0-44477	Nepal	Surface quality	Elevation in OSCAR/Surface is possibly incorrect.
RWC-677	08/May/2023	Coordinates	IBRI / 0-20000-0-41252	Oman	Surface quality	This ticket was issued by CBS Lead Centre (DWD). Coordinates in OSCAR/Surface are possibly incorrect.
RWC-770	02/Nov/2023	Temperature, humidity, wind, pressure	CHITTAGONG (AMBAGAN) / 0-20000-0-41977 BANDARBAN SADAR / 0-20000-0-41980	Bangladesh	Surface availability	Reporting intervals in OSCAR/Surface are possibly incorrect.
RWC-771	02/Nov/2023	Temperature, humidity, wind, pressure	KUWAIT INTERNATIONAL AIRPORT (40582-0) / 0-	Kuwait	Surface availability	Reporting intervals in OSCAR/Surface are possibly incorrect.

			20000-0-40582			
RWC-772	02/Nov/2023	Temperature, humidity, wind, pressure	ABU DHABI INTERNATIONAL AIRPORT / 0-20000-0-41217	United Arab Emirates	Surface availability	Reporting intervals in OSCAR/Surface are possibly incorrect.
RWC-792	13/Dec/2023	-	MATTALA Int Airport / 0-144-101-330601 POLONNARUWA / 0-144-101-721501 MONARAGALA / 0-144-101-821501	Sri Lanka	Surface availability	BUFR messages of newly registered stations are not distributed in the GTS. These stations are shown as black dots in WDQMS.

The status of WDQMS NFP nomination and the result of communication

#### Group A

Country	WDQMS NFP	Response	Country	WDQMS NFP	Response
Afghanistan	Nominated	(No issue)	Oman	(Vacant)	JIRA
Bahrain	Nominated	Email	Pakistan	Nominated	No response
Bangladesh	Nominated	No response	Qatar	Nominated	Email
Bhutan	Nominated	Email	Saudi Arabia	Nominated	Email
India	Nominated	JIRA	Sri Lanka	Nominated	JIRA
Islamic Republic of Iran	Nominated	(No issue)	United Arab Emirates	Nominated	No response
Kuwait	Nominated	Email	Iraq	(Vacant)	(No issue)
Maldives	Nominated	Email	Yemen	(Vacant)	(No issue)
Nepal	Nominated	JIRA	-		