

(As of 24 January 2025)

Regional WIGOS Centre Monitoring Report
July – December 2024
Regional Association II (Asia)

RWC Tokyo, Japan Meteorological Agency (JMA)

The regional WIGOS Centre (RWC) Tokyo provided mandatory and optional RWC functions for Group B Members from July to December 2024.

- I. WDQMS incident tickets (Closed, Resolved)
One incident ticket issued to NMHSs in Kazakhstan has been successfully closed. As a result, incident at one station was resolved. (APPENDIX I)
- II. WDQMS incident tickets (Ongoing)
Four new incident tickets issued to Viet Nam, Thailand, and Myanmar 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:
<https://qc.kishou.go.jp/>Quality reports are issued by the Regional Specialized Meteorological Centre (RSMC) Tokyo operated by the JMA (a partner of RWC Tokyo).

Group B (16 Members):

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-1605	18/Dec/2024	Coordinates, Pressure	BUGUN / 0-20000-0-38313	Kazakhstan	Surface quality	Station coordinates and Barometer altitude 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-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 / 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-278	11/Mar/2022	Temperature, humidity,	KUSHIRO(47418-1) / 0-20001-0-47418	Japan	Upper-air availability	Upper-air observations were suspended at four stations due

		wind, pressure	WAJIMA / 0-20000-0-47600 MATSUE / 0-20000-0-47741 SHIONOMISAKI(47778-1) / 0-20001-0-47778			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-496	15/Jul/2022	Temperature, humidity, wind, pressure	BOUNNEUA / 0-20000-0-48921 LUANG NAMTHA (M.SING) / 0-20000-0-48924	Lao PDR	Surface availability	Reporting interval in OSCAR/Surface is possibly incorrect.

			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			
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-	08/May/2023	Coordinates	IBRI /	Oman	Surface	This ticket was issued by CBS

677			0-20000-0-41252		quality	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) / 0-20000-0-40582	Kuwait	Surface availability	Reporting intervals in OSCAR/Surface are possibly incorrect.
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.
RWC-996	30/May/2024	Coordinates, temperature, humidity, wind, pressure	NAKHON PHANOM / 0-20000-0-48357 NAKHON PHANOM AGROMET / 0-20000-0-48358	Thailand	Surface availability	Coordinates and Reporting intervals in OSCAR/Surface are possibly incorrect.
RWC-997	30/May/2024	Coordinates, temperature, humidity, wind, pressure	VIENTIANE / 0-20000-0-48940 PARKXANH / 0-20000-0-48945 SAVANNAKHET / 0-20000-0-48947	Lao PDR	Surface availability	Coordinates and Reporting intervals in OSCAR/Surface are possibly incorrect.
RWC-1009	10/Jun/2024	Temperature, humidity	SRINAGAR / 0-20000-0-42027 NEW DELHI/SAFDARJUNG /	India	Upper-air quality	Temperature and humidity have a marked increase in biases below 800hPa level. This ticket was issued by

			0-20000-0-42182 and others Total is 36 stations			ECMWF.
RWC-1454	11/Nov/2024	Temperature, humidity, wind, pressure	BANGKOK METROPOLIS / 0-20000-0-48455 and others Total is 111 stations	Thailand	Surface availability	Reporting intervals in OSCAR/Surface are possibly incorrect.
RWC-1509	19/Nov/2024	-	HAKHA / 0-20000-0-48030	Myanmar	Surface quality	There is a discrepancy between the coordinates in OSCAR/Surface and BUFR messages. This ticket was issued by ECMWF.
RWC-1575	02/Dec/2024	Pressure	MAE SOT / 0-20000-0-48375 PHETCHABUN / 0-20000-0-48379 UMPHANG / 0-20000-0-48385 SATUN / 0-20000-0-48570	Thailand	Surface quality	Elevation in OSCAR/Surface is possibly incorrect.
RWC-1576	02/Dec/2024	Pressure	HUYEN TRAN / 0-20000-0-48919	Viet Nam	Surface quality	Elevation in OSCAR/Surface is possibly incorrect.

The status of WDQMS NFP nomination and the result of communication

Group B

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