

(As of 23 August 2023)

Regional WIGOS Centre Monitoring Report
January – June 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 January to June 2023.

- I. WDQMS incident tickets (Closed, Resolved)
No incident tickets issued to NMHSs have been resolved. Two incident tickets have been closed due to handover and duplication respectively. (APPENDIX I)
- II. WDQMS incident tickets (Ongoing)
Three new incident tickets issued to Nepal, Oman 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 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 is one notice for future reference. (APPENDIX III)

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-198 | 13/Sep/2021 | Temperature, humidity, wind, pressure | RINCHINLHUMBE / 0-20000-0-44203 | Mongolia | Surface availability | This ticket was inherited by RWC-497. |
| RWC-663 | 20/Apr/2023 | 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 TOKUSHIMA AB / 0-20000-0-47881 IWOTO / 0-20000-0-47981 | Japan | Upper-air availability | This ticket issued by ECMWF is the same as RWC-278 and RWC-279. |

[APPENDIX II] WDQMS 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 | Position | DWARKA / 0-20000-0-42731 KODAIKANAL / 0-20000-0-43339 MINICOY / 0-20000-0-43369 | India | Surface quality | The position in OSCAR/Surface is 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. |

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|---------|-------------|---------------------------------------|--|--------------|------------------------|--|
| 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 / 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- | 17/Mar/2022 | Temperature, | - / 40361 | Saudi | Surface | This ticket was issued by CBS |

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| 291 | | humidity, wind, pressure | - / 40420 | Arabia | availability | Lead Centre (DWD). 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. |
| 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 / 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 / | Viet Nam | Surface availability | Reporting intervals on wind are not registered in OSCAR/Surface. |

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| | | | 0-20000-0-48916 HUYEN TRAN / 0-20000-0-48919 | | | |
| 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 | 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 | Position | 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- | 01/May/2023 | Position | DANG / | Nepal | Surface | Elevation in OSCAR/Surface is |

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| 666 | | | 0-20000-0-44429 JUMLA / 0-20000-0-44424 POKHARA AIRPORT / 0-20000-0-44434 DHANKUTA / 0-20000-0-44477 | | quality | possibly incorrect. |
| RWC-677 | 08/May/2023 | Position | IBRI / 0-20000-0-41252 | Oman | Surface quality | This ticket was issued by CBS Lead Centre (DWD). Position in OSCAR/Surface is possibly incorrect. |
| RWC-687 | 01/Jun/2023 | Position | TRINCOMALEE / 0-20000-0-43418 BADULLA / 0-20000-0-43479 | Sri Lanka | Surface quality | Elevation in OSCAR/Surface is possibly incorrect. |

[APPENDIX III] Others

| Relate to | Country | Description |
|-----------|---------|--|
| RWC-409 | Oman | Oman says OSCAR NFP has retired and they are preparing a letter for nomination of the OSCAR NFP. |

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