

# IP Actions: Flash Reports

B2

29<sup>th</sup> AOPC Session

NCEI, Asheville, US (16-20 Sept 2024)



**GLOBAL CLIMATE  
OBSERVING SYSTEM**

KEEPING WATCH OVER OUR CLIMATE



Supported by the European Union



<b>Action B2: Development and implementation of the Global Basic Observing Network (GBON)</b>	
<b>Activities</b>	<ol style="list-style-type: none"> <li>1. Implementation of initial GBON and the associated SOFF mechanism to fill long-standing gaps to globally monitor climate over land and oceans.</li> <li>2. Consideration of alignment of GSN and GUAN with GBON.</li> <li>3. Planning the development of GBON and SOFF to cover more marine, hydrological, and atmospheric composition observations.</li> </ol>
<b>Means of Assessing Progress</b>	<ol style="list-style-type: none"> <li>1. Number of GBON stations (including marine platforms in Exclusive Economic Zones (EEZs)), their geographical completeness and their continuity of data provision to data centres as well as over the WIS.</li> <li>2. Assessment by GCOS of the continued relevance and role of GSN and GUAN at such time as GBON is considered to be fully implemented in its first phase with recommendations to GCOS Steering Committee.</li> <li>3. GBON scope expanded to incorporate additional ECVs which are then observed on a sustained basis as part of GBON expanded operations.</li> </ol>





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# Global Basic Observing Network (GBON) implementation and compliance monitoring

## ACTIVITY AREAS (1)

- WMO Integrated Global Observing System (WIGOS)

Following adoption by the 2021 Extraordinary World Meteorological Congress of Technical Regulations for the [Global Basic Observing Network \(GBON\)](#) per Resolution 2 (Cg-Ext(2021)), now included in the Manual for the WMO Integrated Global Observing System (WIGOS), WMO-No. 1160, and to come into force on 1 January 2023, the Commission for Observation, Infrastructure and Information Systems (INFCOM) was tasked to develop technical guidelines, processes and procedures needed to ensure expedient and efficient implementation of GBON, and to prepare for effective performance and compliance monitoring of GBON.

In the meantime, the least developed Countries and SIDS will also have the opportunity to benefit from the Systematic Observations Financing Facility (SOFF), which is based on GBON requirements.

Below you would be able to see the information pertaining to the task teams and their approved materials, etc.

- Task Teams
- Approved material
- Meeting reports
- GBON Technical Regulations (excerpt of WMO-No. 1060, WIGOS Manual, 2021 Edition)
- Guide to GBON (Annex to Resolution 20 (EC-76))
- Defining initial composition of GBON
- Implementation of GBON (useful information and practical steps)
- GBON visualisation web tool
- FAQ

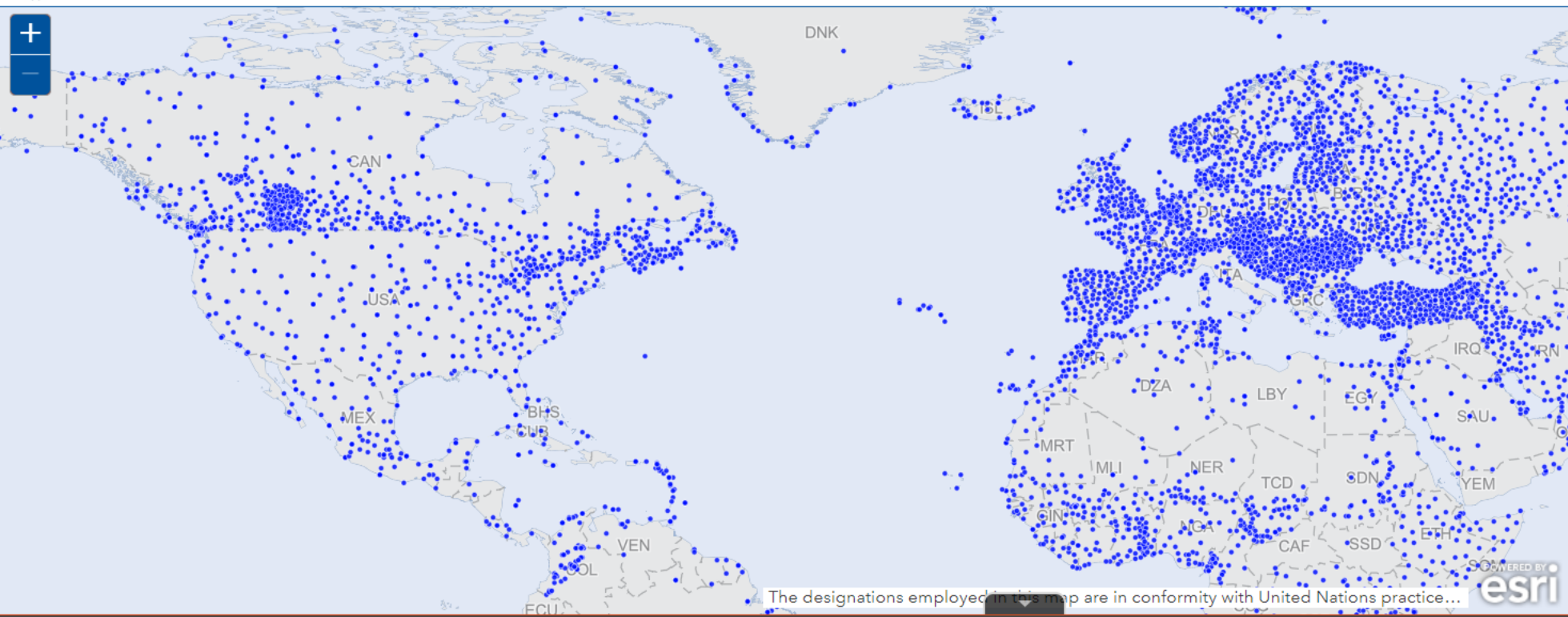
Other useful links include:

[GBON compliance app](#)

[Systematic Observations Financing Facility \(SOFF\)](#)

# GBON Station Visualisation Web Tool

use the options in the table to export the station list



### Filter options

- Member, territory or geographic area  
Member, Territory or geographic area is any of  
0 selected
- Station class  
station class is any of  
0 selected

GBON stations

Options Filter by map extent Zoom to Clear selection Refresh

member_territory	station-name	WIGOS-ID	station-class	program	assessed status	declared status
Albania	KORCA	0-20000-0-13629	Surface	GBON	Unknown	Operational
Albania	KUKES	0-20000-0-13610	Surface	GBON	Unknown	Operational
Albania	PESHKOPI	0-20000-0-13619	Surface	GBON	Unknown	Operational
Albania	QYTETI STALIN	0-20000-0-13624	Surface	GBON	Unknown	Operational
Albania	SHKODRA	0-20000-0-13600	Surface	GBON	Unknown	Operational



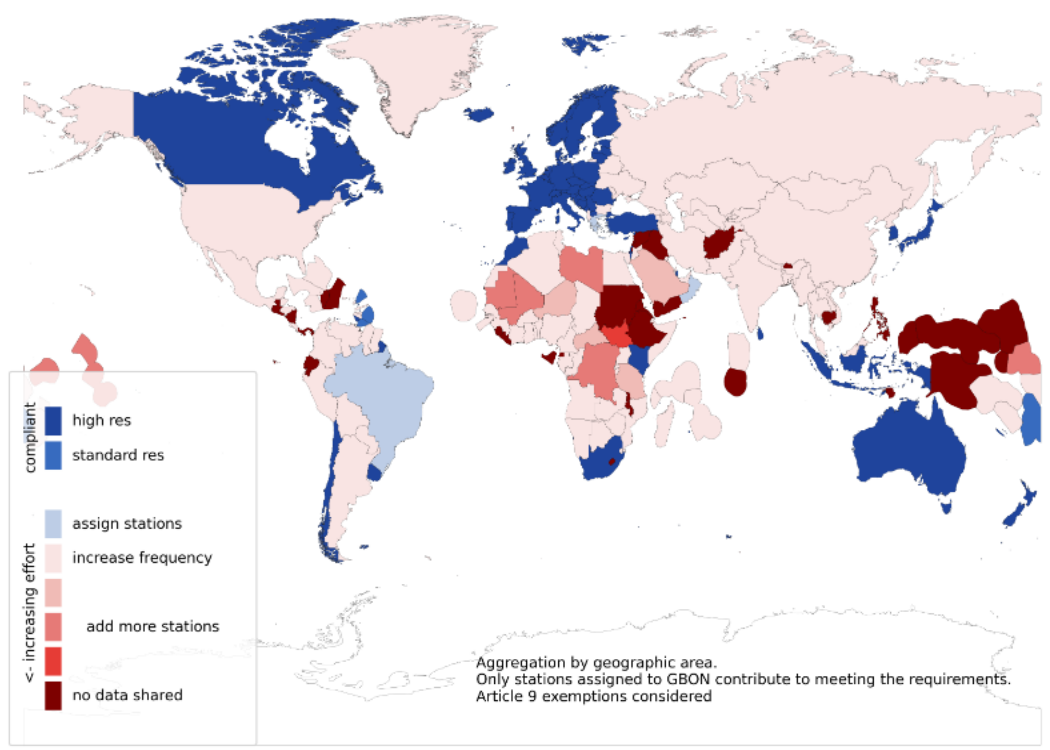
# GBON compliance app

Home

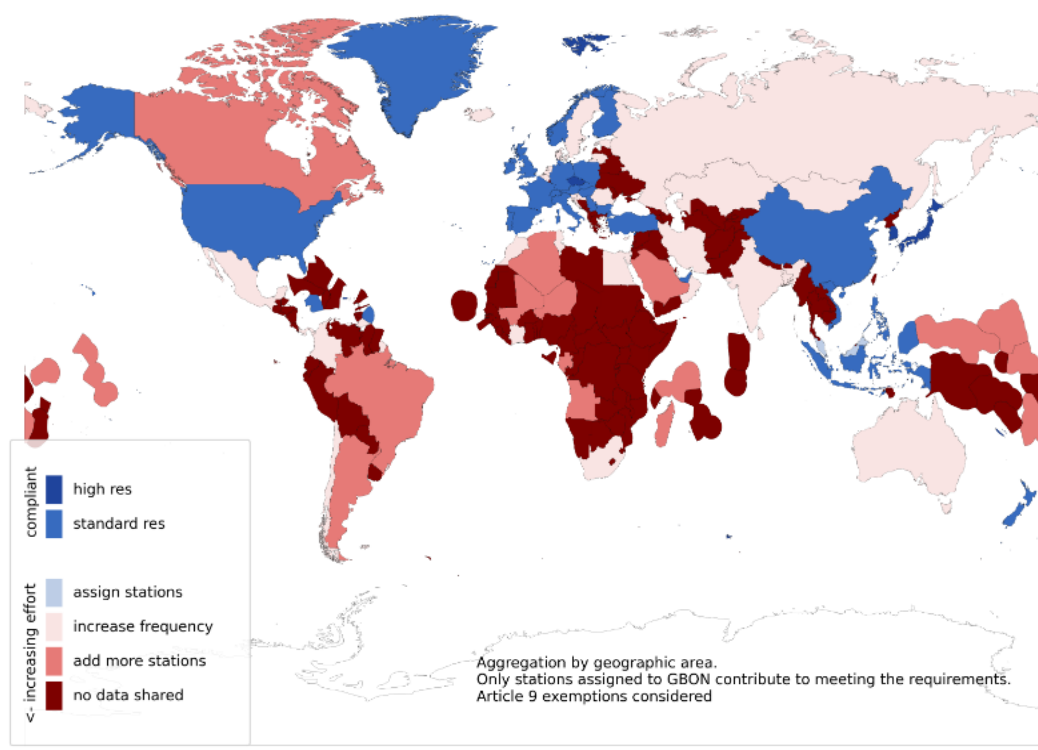
Info

Member:

GBON Compliance Q2 2024 (Surface)



GBON Compliance Q2 2024 (Upper-air)



## GBON compliance in Q2 / 2024

- Number of compliant Members: 21 (51/28)
- Gap surface stations: 1644
- Gap upper-air stations: 406



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