**WMO centennial observing stations**

**Criteria self-assessment template**

1. **Station Information**

|  |  |
| --- | --- |
| **Station Name:** |  |
| **WMO Station Code (if available) :** |  |
| **Station Lat. Long.**  |  |
| **Station Elevation (meter above MSL)** |  |
| **Country/Place :** |  |
| **WMO Region :** |  |
| **Institution :** |  |
| **Name of contact person :** |  | **Email address:**  |

1. **Mandatory criteria**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Compliance (Yes/No)** | **References / Remark** |
| 1. **The observing station was founded at least 100 years ago, observing at least one meteorological element since then, and is in operation as an observing station at the date of nomination.**
 |  |  |
| 1. **Periods of inactivity of the observing station shall not exceed 10 % during the last 100 years (excluding periods of armed conflicts and natural disasters).**
 |  |  |
| 1. **The minimum historic station metadata shall contain actual or derived geographical coordinates including elevation, identified meteorological element(s) and its unit(s) as well as the observing schedule.**
 |  |  |
| 1. **The observing station has not been subject to known relocations, which have affected the climatological characteristics.**
 |  |  |
| 1. **All historic observational data and metadata are rescued, or will be rescued in order to prevent them from deterioration of the medium (cf. Guidelines on Data Rescue). Members are requested to share information of the amount of data to be rescued including related plans for data rescue, if applicable.**
 |  |  |
| 1. **The observing station shall be operated according to WMO observing standards.**
 |  |  |
| 1. **The environment of a centennial observing station shall be classified according to the siting classification defined in the Guide to Meteorological Instruments and Methods of Observation (WMO No. 8). Members are requested to share the results of the siting classification for the nomination process and any future re-nomination.**
 |  |  |
| 1. **The observed and measured data shall be subject to routine quality control procedures as per current WMO guidelines and practices. The quality control processes as well as its results shall be well documented.**
 |  |  |
| 1. **Members shall do their utmost to maintain nominated stations according to the above recognition criteria.**
 |  |  |

1. **Desirable criteria**

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Compliance (Yes/No)** | **References / Remarks** |
| 1. **Free and unrestricted data access should be granted to the data including respective metadata.**

**[definition cf. Resolution 40 (Cg-XII);** [**http://www.wmo.int/pages/about/Resolution40\_en.html**](http://www.wmo.int/pages/about/Resolution40_en.html)**]** |  |  |
| 1. **Observing station time series data should be subject to quality control.**
 |  |  |
| 1. **Observing station time series should be subject to homogeneity testing and homogenization, if applicable.**
 |  |  |