

Long-Term Observing Stations

are a critical part of the climate puzzle



Sonnblick, Austria 1886 and 2001



Blue Hill, USA 1894 and 2004



Quinta, Chile 1900 and 2016



Long-term observations are important for preserving mankind's scientific and cultural heritage as they are and will continue to be **unique sources of past, present and future information** about our atmosphere.

Therefore, they act as references for assessing **climate variability and change**. They are also important for the improved understanding and prediction of **our future climate**.

The **WMO Mechanism for the Recognition of Long-term Observing Stations** is aimed at highlighting the importance of long-term observations, as well as promoting **sustainable observing standards** and best practices to enable the continued generation of **high-quality time series data** for our the future.



WORLD
METEOROLOGICAL
ORGANIZATION

For more information, including the recognition criteria, visit
<https://public.wmo.int/en/our-mandate/what-we-do/observations/long-term-observing-stations>

