

# Stratosphärisches Ozon und UV-Strahlung

Projekt StratoUV  
(BMK Förderung 2019-2029)

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UV-Daten in Österreich sind ein wertvoller Teil des NDACC-Messnetzes seit 2009

## Jährliche Berichte an NDACC + Datentransfer

<https://ndacc.larc.nasa.gov/stations>

### Hoher Sonnblick, Austria

Latitude: 47.05° N  
Longitude: 12.95° E  
Elevation: 3106 msl

Status: Active

Website(s):  
[Station Page](#)

Station Representative(s):  
Stana Simic  
Institute of Meteorology  
University of Natural Resources and Life Sciences  
Vienna, Austria



### Groß-Enzersdorf, Austria

Latitude: 48.20° N  
Longitude: 16.56° E  
Elevation: 156 msl

Status: Active

Website(s):  
[Station Page](#)

Station Representative(s):  
Stana Simic  
Institute of Meteorology  
University of Natural Resources and Life Sciences  
Vienna, Austria



### NDACC Measurements at the Hoher Sonnblick, Austria Station

Instrument	Status	Period	Parameter	Affiliations	Data link	Metadata link
<a href="#">UV Spectroradiometer</a> Benthan DM150	Active	1997–present	UV	BOKU-Met	<a href="#">Ames</a>	<a href="#">Metadata</a> <a href="#">Summary</a>

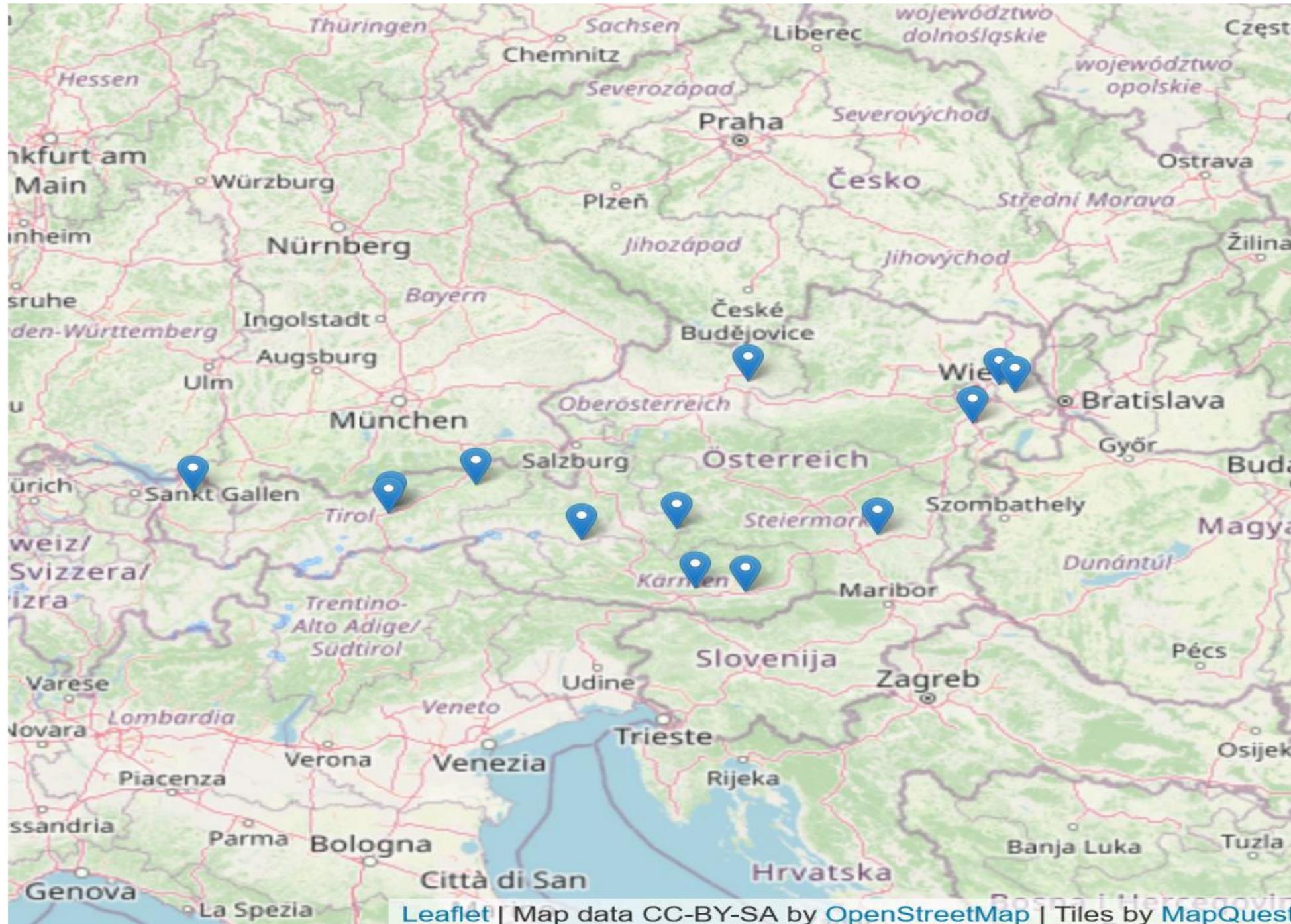
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# Das UV Messnetz Österreich

## uv-index.at

Forschungsprojekt: Messung und Analyse der solaren UV Strahlung in Österreich durchgeführt an der Medizinischen Universität Innsbruck und BMK



# Stratosphärisches Ozon

Station: Hoher Sonnblick (47.05 N, 12.95 E, 3106 m) seit 1994

## EuBrewNet- Europäisches Brewer-Netzwerk

Brewer Spektrophotometer



# Datenverfügbarkeit, Data Portal und internationale Messnetze

Parameter measured/observed	spectral UV irradiance, erythemally-weighted UVB radiation
Starting date	01.01.1994
Temporal Resolution	30-minute intervals for spectral UV irradiance 10-minute intervals for erythemally-weighted UVB radiation
Observational Network	Two spectrophotometers and two UV biometers
Stations	Two spectrophotometers and two UV biometers, one of each located in Groß-Enzersdorf, near Vienna and the high Alpine observatory Hoher Sonnblick (3106 m)
Data Portal	UV-B data: <a href="http://www2.i-med.ac.at/uv-index/de/graphs_hoehe_eu_de.html">http://www2.i-med.ac.at/uv-index/de/graphs_hoehe_eu_de.html</a> UV-B data: <a href="https://woudc.org/home.php">https://woudc.org/home.php</a> Spectral UV radiation data: NDACC: <a href="http://www.ndsc.ncep.noaa.gov/data/">http://www.ndsc.ncep.noaa.gov/data/</a> ✕
Supervising Organization	BOKU, BMK
National and/or international Networks or Programs	NDACC (international Network for the Detection of Atmospheric Composition Change) WOUDC (World Ozone and Ultraviolet Radiation Data Centre)

Parameter measured/observed	total ozone column and vertical ozone profiles
Starting date	01.01.1994
Temporal Resolution	Daily datasets of total ozone and vertically resolved ozone.
Observational Network	Sonnblick Observatory
Stations	A Brewer MkIV spectrophotometer located at High Alpine Observatory Hoher Sonnblick.
Data Portal	European Brewer Network: <a href="https://eubrewnet.aemet.es/eubrewnet">https://eubrewnet.aemet.es/eubrewnet</a> NDACC: <a href="http://www.ndsc.ncep.noaa.gov/data/">http://www.ndsc.ncep.noaa.gov/data/</a> BOKU: <a href="https://imp.boku.ac.at/Strahlung/messwert.htm">https://imp.boku.ac.at/Strahlung/messwert.htm</a>
Supervising Organization	BOKU, BMK
National and/or international Networks or Programs	European Brewer Network: <a href="https://eubrewnet.aemet.es/eubrewnet">https://eubrewnet.aemet.es/eubrewnet</a> NDACC: <a href="https://ndacc.larc.nasa.gov/instruments/working-groups/spectral-uv">https://ndacc.larc.nasa.gov/instruments/working-groups/spectral-uv</a>