

# Abkürzungsverzeichnis

ACRIM	Activity Cavity Radiometer Irradiance Monitor
Al	chemisches Zeichen für Aluminium
AE	Astronomische Einheit
Ångström	$\text{Å} = 10^{-10} \text{ m} = 0,1 \text{ nm}$
AO	Arctic Oscillation
BDZ	Brewer-Dobson Zirkulation
Be	Beryllium
BMBF	Bundesministerium für Bildung und Forschung
C	Kohlenstoff
Ca	Calcium
CIRA	COSPAR International Reference Atmosphere
CMAM	Climate Middle Atmosphere Model
COSPAR	Committee on Space Research
ECHAM	ECMWF + HAMBURG
ECMWF	European Center for Medium Range Weather Forecasts
ENSO	El Niño Southern Oscillation
EOF	Empirical Orthogonal Functions
EP	Eliassen-Palm-Fluss
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
EURECA	EUropean REtrievable CARrier
Fe	Eisen
FUB	Freie Universität Berlin
GCM	General Circulation Model
GDAS	Global Data Assimilation System
GISS	Goddard Institute for Space Sciences (New York, USA)
GRIPS	GCM-Reality Intercomparison Project for SPARC
gpm	geopotentielle Meter
HALOE	Halogen Occultation Experiment
H	Wasserstoff
He	Helium
HIRS-2	High Resolution Infrared Radiation Sounder
IC	Imperial College for Science, Technology and Medicine (London, UK)
IR	Infrarot

K	Kelvin oder Kalium
Li	Lithium
MESA	Modellstudien zum Einfluss der Sonnenvariabilität auf das Klima
Mg	Magnesium
Mikrometer	$\mu\text{m}=10^{-6}\text{m}$
MRI	Meteorological Research Institute (Tsukuba, Japan)
MSU	Microwave Sounding Unit
N	Stickstoff
Na	Natrium
NAM	Northern Annular Mode
NAO	North Atlantic Oscillation
NCAR	National Center for Atmospheric Research (Boulder, Colorado, USA)
NCEP	National Center for Environmental Prediction
NMC	National Meteorological Center
nm	Nanometer, $\text{nm} = 10^{-9}\text{m}$
MRZ	Mittlere Meridionale Restzirkulation
O	Sauerstoff
PNJ	„polar night jet“, Polarnachtstrahlstrom
QBO	Quasi-Biennial Oscillation
SAGE	Stratospheric Aerosol and Gas Experiment
SAM	Southern Annular Mode
SAO	Semi-Annual Oscillation
SCOSTEP	Scientific Committee on Solar-Terrestrial Physics
SIM	Spectral Irradiance Monitor
SMM	Solar Maximum Mission
SO	Southern Oscillation
SOHO	Solar and Heliospheric Observatory
SOLICE	Solar Influences on Climate and the Environment
SOLSTICE	Solar Stellar Irradiance Comparison Experiment
SORCE	Solar Radiation and Climate Experiment
SOVA	SOLar VARIability experiment
SPARC	Stratospheric Processes and their Role in Climate
SSU	Stratospheric Sounding Unit
TEM	Transformed Eulerian Mean
TOVS	TIROS Operational Vertical Sounder
TSI	Total Solar Irradiance
TIM	Total Irradiance Monitor
UARS	Upper Atmosphere Research Satellite
UGAMP	UK Universities Global Atmospheric Modelling Program
UKMO	United Kingdom Meteorological Office
UV	Ultraviolett
VIRGO	Variability IRradiance Gravity Oscillation
VIS	visible (sichtbar)
WMO	World Meteorological Organization
ZIB	Konrad-Zuse-Zentrum für Informationstechnik Berlin