

付録 2.B 略語集

1D-Var	One-dimensional variational analysis	1次元変分法
20C3M	Twentieth century climate in coupled models	
20CR	Twentieth Century Reanalysis	20世紀再解析
2D-OI	Two-dimensional OI	2次元OI
3D-Var	Three-dimensional variational analysis	3次元変分法
4D-Var	Four-dimensional variational analysis	4次元変分法
AMI	Active Microwave Instrument	能動型マイクロ波観測装置
AMIP	Atmospheric Model Intercomparison Project	
AMSR-E	Advanced Microwave Scanning Radiometer for EOS	
AMSU	Advanced Microwave Sounding Unit	改良型マイクロ波探査計
AMV	Atmospheric motion vector	大気追跡風
ASCAT	Advanced Scatterometer	改良型散乱計 (Metop 衛星に搭載)
ASPS	Advanced Scatterometer Processing System	
ATOVS	Advanced TOVS	改良型 TOVS
BFGS	Broyden-Fletcher-Goldfarb-Shanno (algorithm)	
BSRN	Baseline Surface Radiation Network	
BUOY	Report of a buoy observation	
C/NOFS	Communications/Navigation Outage Forecasting System	
CAPE	Convective available potential energy	対流有効位置エネルギー
CCM	Chemistry climate model	
CDAAC	COSMIC Data Analysis and Archive Center	
CERES	Clouds and the Earth's Radiant Energy System	
CFSR	Climate Forecast System Reanalysis	
CHAMP	Challenging Mini-satellite Payload	
CLASS	Comprehensive Large Array-data Stewardship System	
CMIP5	Coupled Model Intercomparison Project Phase 5	
CMOD	C-band model function	
COBE	Centennial In Situ Observation-based Estimates of the Variability of SSTs and Marine Meteorological Variables	
COSMIC	Constellation Observing System for Meteorology, Ionosphere, and Climate	
CRU	Climatic Research Unit	
CRUTEM4	CRU temperature dataset	
CSR	Clear sky radiance	晴天放射
DCAPE	Dynamic CAPE generation rate	CAPE の力学過程による時間変化傾向
DOE	Department of Energy	
EBAF	Energy Balanced and Filled (flux dataset)	
ECMWF	European Centre for Medium-Range Weather Forecast	ヨーロッパ中期予報センター
EORC	Earth Observation Research Center	地球観測研究センター
EOS	Earth Observing System (NASA)	
ERA	ECMWF Reanalysis	ECMWF 再解析
ERA-40	A 45-year ERA from September 1957 to August 2002	
ERA-CLIM	European Reanalysis of Global Climate Observations	
ERS	European Remote Sensing Satellite	欧州リモートセンシング衛星
ESA	European Space Agency	欧州宇宙機関
EUMETSAT	European Organisation for the Exploitation of Meteorological Satellites	欧州気象衛星開発機構
FAA	Federal Aviation Administration	
FGAT	First guess at the appropriate time	
FGGE	First GARP Global Experiment	第1回全球大気研究計画全球実験
FOV	Field of view	視野
GAME	GEWEX Asia Monsoon Experiment	GEWEX アジア・モンスーン実験
GARP	Global Atmospheric Research Programme	全球大気研究計画
GEBA	Global energy balance archive	
GEWEX	Global Energy and Water Cycle Experiment	全球エネルギー・水循環実験計画
GMS	Geostationary Meteorological Satellite	静止気象衛星 (日本)
GNSS-RO	Global Navigation Satellite System - Radio Occultation	全球航法衛星システム-掩蔽観測

GOES	Geostationary Operational Environmental Satellite	静止気象衛星（米国）
GPCP	Global Precipitation Climatology Project	全球降雨計画
GRACE	Gravity Recovery and Climate Experiment	
GSM	Global spectral model	全球スペクトルモデル
HadAT	Hadley Centre's radiosonde temperature product	
HIRS	High-Resolution Infrared Spectrometer	高分解能赤外放射探査計
HITRAN	High Resolution Transmission	
IMH	Institute of Meteorology and Hydrology (Mongolia)	
JCDAS	JMA Climate Data Assimilation System	気象庁気候データ同化システム
JMA	Japan Meteorological Agency	気象庁
JPL	Jet Propulsion Laboratory	ジェット推進研究所
JRA-25	Japanese 25-year Reanalysis	JRA-25 長期再解析
JRA-55	Japanese 55-year Reanalysis	気象庁 55 年長期再解析
JRA-55AMIP	JRA-55 AMIP-type simulation	
JRA-55C	JRA-55 sub-product assimilating Conventional observations only	
LBLRTM	Line-by-Line Radiative Transfer Model	
MERRA	Modern-Era Retrospective Analysis for Research and Applications	
MHS	Microwave Humidity Sounder	マイクロ波水蒸気サウンダ
MODIS	Moderate Resolution Imaging Spectroradiometer	中分解能撮像分光放射計
MRI	Meteorological Research Institute (JMA)	気象研究所
MSG	Meteosat Second Generation	
MSU	Microwave Sounding Unit	マイクロ波探査計
MT_CKD	Mlawer-Tobin-Clough-Kneizys-Davies (water vapor continuum absorption model)	
MTSAT	Multi-functional Transport Satellite	運輸多目的衛星
NASA	National Aeronautics and Space Administration	米国航空宇宙局
NCAR	National Center for Atmospheric Research	米国大気研究センター
NCDC	National Climate Data Center	
NCEP	National Center for Environmental Prediction	国家環境予測センター（米国）
NOAA	National Oceanic and Atmospheric Administration	米国海洋大気庁
NWP SAF	Satellite Application Facility on Numerical Weather Prediction	
NWS	National Weather Service	
OI	Optimal interpolation	最適内挿法
OMI	Ozone Monitoring Instrument	オゾン監視測器（Aura 衛星に搭載）
PAOBS	Pseudo Surface Pressure Observations produced by Australia	
QC	Quality control	品質管理
QuikSCAT	Quick Scatterometer	
R30	Radius of 30-kt winds	30 ノット強風半径
RAOBCORE	Radiosonde Observation Correction using Reanalyses	
RCP	Representative Concentration Pathway	
RIHMI	Russian Research Institute for Hydrometeorological Information	
RMS	Root-mean-square	2 乗平均平方根
RSS	Remote Sensing Systems	
RTTOV	Radiative Transfer for the TIROS Operational Vertical Sounder	
SAC-C	Satélite de Aplicaciones Cientificas-C	
SCOPE-CM	Sustained, Coordinated Processing of Environmental Satellite Data for Climate Monitoring	
SCSMEX	South China Sea Monsoon Experiment	
SEVIRI	Spinning Enhanced Visible and Infrared Imager	スピン走査式可視熱赤外イメージャ
SHIP	Report of surface observation from a sea station	
SiB	Simple Biosphere (model)	生物圏モデル
SMS	Supervisor Monitor Scheduler	
SSM/I	Special Sensor Microwave/Imager	マイクロ波放射計
SSMIS	Special Sensor Microwave Imager Sounder	SSM/I にサウンダ機能を持つチャンネルを追加した放射計
SST	Sea surface temperature	海面水温
SSU	Stratospheric Sounding Unit	成層圏探査計
STAR	Center for Satellite Applications and Research	米国衛星利用研究センター

SYNOP	Report of surface observation from a fixed land station	
TCR	Wind profile retrieval surrounding tropical cyclones	熱帯低気圧周辺風
TIROS	Television and Infrared Observation Satellite	実験用観測衛星（米国）
TMI	TRMM Microwave Imager	TRMM マイクロ波観測装置（TRMM 衛星に搭載）
TOA	Top of the atmosphere	大気上端
TOMS	Total Ozone Mapping Spectrometer	オゾン全量分光計
TOVS	TIROS Operational Vertical Sounder	TIROS 実用型鉛直探査計
TRMM	Tropical Rainfall Measurement Mission	熱帯降雨観測衛星
UCAR	University Corporation for Atmospheric Research	
VarBC	Variational bias correction	変分法バイアス補正
VTPR	Vertical Temperature Profile Radiometer	
WDCGG	World Data Centre for Greenhouse Gases	温室効果ガス世界資料センター
WMO	World Meteorological Organization	世界気象機関

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