GSL Acronym List - Community Engagement Section

Acronym	Definition
ABL	Atmospheric boundary layer
AER	Atmospheric and Environmental Research (a private corporation)
ARL	Air Resources Laboratory
ASRE	Atmospheric Science for Renewable Energy
AWT	Aviation Weather Testbed
BL	Boundary Layer
CAM	Convection Allowing Model
CCPP	Common Community Physics Package
CLUE	Community-Leveraged Unified Ensemble
CONUS	Contiguous United States
CSL	Chemical Sciences Laboratory
DOE	U.S. Department of Energy
DSS	Decision Support Services
DTC	Developmental Testbed Center
EBC	Energy balance closure
EERE	DOE's Energy Efficiency and Renewable Energy Office
EIA	Energy Information Administration
EMs	Emergency Managers
EPIC	Earth Prediction Innovation Center
FV3	Finite Volume Cubed Sphere model
FV3 LAM	Finite Volume Cubed Sphere - Limited Area Model
Fx	Forecast
GEOS	Goddard Earth Observing System Model
GFDL	Geophysical Fluid Dynamics Laboratory
GFS	NCEP Global Forecast System model
GML	Global Monitoring Laboratory
GOES	Geostationary Operational Environmental Satellite
GSI	Gridpoint Statistical Interpolation data assimilation system
GSL	Global Systems Laboratory
H	humidity
HAFS	Hurricane Analysis and Forecast System
HMT	Hydrometeorological Testbed
HREF	High Resolution Ensemble Forecast
HRRR	High-Resolution Rapid Refresh model
HRRRE	High-Resolution Rapid Refresh Model scaled to a small region or domain
HWRF	Hurricane Weather Research and Forecasting model
HWT	Hazardous Weather Testbed
JCSDA	Joint Center for Satellite Data Assimilation
LA system	Land Air system
LAI	land air interactions
METplus	The DTC Model Evaluation Tool set within a suite of Python wrappers
MRMS	Multi-Radar/Multi-Sensor (national radar data merger system)
MRW	Medium Range Weather

MRW App	UFS medium-range weather application.
NCAR	National Center for Atmospheric Research
NCEP	NOAA's National Centers for Environmental Prediction
NESDIS	National Environmental Satellite, Data & Information Services
NSF	National Science Foundation
NSSL	National Severe Storm Laboratory
NWP	Numerical Weather Prediction
OBS	Observation
PDF	Probability Density Function
PSL	Physical Sciences Laboratory
R2O	Research to Operations
RAP	Rapid Refresh model
RE	Renewable Energy
RRTMG	Rapid Radiative Transfer Model for GCMs
SGS	Subgrid-scale
SRW App/SWR	UFS Short-Range Weather Application
SW	shortwave
T&E	Test and Evaluation
TWh	terrawatt hours
UCLA	University of California - Los Angeles
UFOs	Unified Forward Operators
UFS	Unified Forecast System
UFS MRW	Unified Forecast System - Medium-Range Weather
UFS R2O	Unified Forecast System - Research to Operations
UFS SWR	Unified Forecast System - Short-Range Weather
UPP	Unified Post Processor
UX	User Experience
W	watts
WETO	Wind Energy Forecast Improvement Projects
WFIP	Wind Forecast Improvement Project
WGs	working groups
WRF	Weather Research and Forecasting model (community model system)
Wx	weather