

### GSL Acronym List - Decision Support - Verification and Evaluation

Acronym	Definition
POD	probability of detection
AMDAR	Aircraft Meteorological Data Report(s)
AQPI	Advanced Quantitative Precipitation Information
AWRP	FAA's Advanced Weather Research Program
AWS	Amazon Web Services
BAMS	Bulletin of the American Meteorological Society
CBVT	CWSU Breifing and Verification Tool
CSU	Colorado State University
CWSU	Center Weather Service Unit (NWS forecaster units at ARTCCs)
CWVS	Convective Weather Verification Service
DB	database
dBZ	decibels of Z, a meteorological measure of equivalent reflectivity (Z) of a radar signal
DTC	Developmental Testbed Center
EI	Economic Impacts
EVENT	Event-based Verification and Evaluation of NWS Gridded Products Tool
FAA	Federal Aviation Administration/U.S. Department of Transportation
GSL	Global Systems Laboratory
GUI	Graphical User Interface
HEMS	Helicopter Emergency Medical Services
HRRR	High-Resolution Rapid Refresh model
HRRRE	High-Resolution Rapid Refresh Model scaled to a small region or domain
IDSS	Impact-based Decision Support Services
km	kilometer
kts	knots
LAMP	Local Aviation MOS Product
MATS	Model Analysis Tool Suite
MDL	Meteorological Development Laboratory (within NWS)
METexpress	METexpress is a simplified data analysis visualization component of the enhanced Model Evaluation Tools (METplus) verification system.
METplus	The DTC Model Evaluation Tool set within a suite of Python wrappers
MOS	Model Output Statistics
MW	Megawatts
MySQL	an open source Structured Query Language
NAFTA	North American Free Trade Agreement
NCEP	NOAA's National Centers for Environmental Prediction
No-SQL	a non-relational database
NWP	Numerical Weather Prediction
NWS	National Weather Service (NOAA)
OBS	Observation
OPC	Offshore Precipitation Capability
PSA	Probabalistic Snow Accumulation
R&D	Research and Development
R2O	Research to Operations

raobs	Radiosonde observations
RAP	Rapid Refresh model
RL	Research Level
RRFS	Rapid Refresh Forecast System
RTVS	Real-time Verification System
RUC	Rapid Update Cycle model
SREF	Short Range Ensemble Forecast
TFVT	TRACON Gate Forecast Verification Tool
TRACON	Terminal Radar Approach CONTROL
UAS	Unmanned Aircraft System
UTC	Coordinated Universal Time
V1, V2, V3, V4	HRRR versions used in economic impacts analysis
VIP Level	Video Integrator and Processor level
VRMC	Verification Requirements and Monitoring Capability
Vx	Verification
WFIP	Wind Forecast Improvement Project
WRaDS	Weather Risks and Decisions in Society