NOAA WPO Program Review - List of Acronyms

WPO Programs / Presentation Acronyms

AAx	Activity Area Overview (1–4)
AQ/FW	Air Quality (Including Fire Weather) Program
DEIA	Diversity, Equity, Inclusion, Accessibility
DIR	Director
DD	Director/Deputy Director
EPIC	Earth Prediction Innovation Center Program
JTTI	Joint Technology Transfer Initiative Program
NOFO	Notice of Funding Opportunity
OBS	Observations Program
P&B	Policy and Budget
PPC	Policy, Partnerships and Communication
R2X	Research Transitions
S2S	Sub-Seasonal to Seasonal Program
SAP	Supplemental Appropriations Program
SIF	Student Interns and Fellows
SSP	Social Science Program
TBs	Testbeds Program

Other Useful Acronyms (In Alphabetical Order)

AAAS	American Association for the Advancement of Science (Fellowship)
ACC	Anomaly Correlation Coefficient
ACES	Applicant Customer Experience & Satisfaction Survey
ADO	Aircraft Derived Observations
AFS	Analyze, Forecast and Support Office
AGO	(NOAA) Acquisition and Grants Office
AGU	American Geophysical Union
AI	Artificial Intelligence

AMS	American Meteorological Society
AOD	Aerosol Optical Depth
AOML	Atlantic Oceanographic and Meteorological Laboratory
APAR	Airborne Phased Array Radar
API	Application Program Interface
ARs	Atmospheric Rivers
AQI	Air Quality Index
ARI	Average Recurrent Interval
ATD	Advanced Technology Demonstrator
AWS	Amazon Web Service
BAA	Broad Agency Announcement
BIL	Bipartisan Infrastructure Law
CAM	Convection Allowing Model
CaRDS	Capabilities and Requirements Decision Support
CESM	Community Earth System Model
CIRA	Cooperative Institute for Research in the Atmosphere
CIRES	Cooperative Institute for Research in Environmental Sciences
CMAQ	Community Multiscale Air Quality
CMB	Community Modeling Board
CONOPS	Concept of Operations
COP	Community of Practice
CPC	Climate Prediction Center
CPO	Climate Program Office
CRADA	Cooperative Research and Development Agreements
CRFC	Colorado Basin River Forecast Center
CRN	Climate-Ready Nation
CSTAR	Center for Science, Technology, and Applied Research Program
CSP	Cloud Service Provider
CSU	Colorado State University
CSU MLP	Colorado State University Machine Learning Algorithm
CTB	Climate Testbed

DA	Data Assimilation
DEIA	Diversity, Equity, Inclusion, (Justice) and Accessibility
DOC	Department of Commerce
DoD	Department of Defense
DRAS	Disaster Related Appropriations Supplemental (2019)
DRSA	Disaster Relief Supplemental Appropriations Act of 2022
DTC	Developmental Testbed Center
ECM	European Center Model
ECMWF	European Centre for Medium-Range Weather Forecasts Model
EEO	Equal Employment Opportunity
EEOAC	Equal Employment Opportunity Advisory Committee
EISWG	Environmental Information Services Working Group
EMC	Environmental Modeling Center
ENSO	El Niño Southern Oscillation
EOB	Executive Oversight Board
EPA	U.S. Environmental Protection Agency
EPIC	Earth Prediction Innovation Center
EPP/MSI	Educational Partnership Program/Minority Serving Institutions
ERI	Ethnicity and Race Indicator
ESIB	Earth Systems Integration Board
ESPC	Earth System Prediction Capability
ESTOFS	Extratropical Surge and Tide Operational Forecast System
FAA	Federal Aviation Administration
FAC	Federal Acquisition
FACETs	Forecasting a Continuum of Environmental Threats
FEMA	Federal Emergency Management Administration
FFO	Federal Funding Opportunity
FIM	Flood Inundation Mapping
FLASH	Flooded Locations And Simulated Hydrographs project
FLOODS Act	The Flood Level Observation, Operations, and Decision Support Act
FOReST	NOAA's Fire Observation, Research and Services Team

FTE	Full-Time Equivalent
FV3	Finite-Volume Cube-Sphere Dynamical Core Model
FVCOM	Finite Volume Coastal Ocean Model
FWAC	Fire Weather and Atmospheric Composition
FY	Fiscal Year
GCP	Google Cloud Platform
GEFSv12	Global Ensemble Forecast System update
GFDL	Geophysical Fluid Dynamics Laboratory
GFS	Global Forecast System
GNSS	Global Navigation Satellite System
GPRA	Government Performance and Results Act
GSL	Global Systems Laboratory
HAFS	Hurricane Analysis and Forecast System
HBCU	Historically Black Colleges and Universities
HFIP	Hurricane Forecast Improvement Program
HMS	Hazards Mapping System
HMT	Hydrometeorology Testbed
HOT	Hurricane and Ocean Testbed
HPC	High-Performance Computing
HQ	Headquarters
HRD	Hurricane Research Division
HRRR	High-Resolution Rapid Refresh Model
HRRRX	High-Resolution Rapid Refresh Experimental Model
HWRF	Hurricane Weather Research and Forecasting Model
HWT	Hazardous Weather Testbed
IAA	Interagency Agreement
ICAMS	Interagency Council for Advancing Meteorological Services
IDSS	Impact-based Decision Support Services
IFAA	Improving Forecasting and Assimilation
IFHFW	Improving Forecasting of Hurricanes, Floods, and Wildfires
IIJA	Infrastructure Investment and Jobs Act

I/O	Inter-Operability
IPT	Integrated Project Team
IRA	Inflation Reduction Act
IRI	International Research Institute for Climate & Society
JCSDA	Joint Center for Satellite Data Assimilation
JEDI	Joint Effort for Data assimilation Integration
JHT	Joint Hurricane Testbed
JTTI	Joint Technology Transfer Initiative
LAM	Limited Area Model
LAMP	Localized Aviation MOS Program
LCAT	(NWS) Local Climate Analysis Tool
LCDP	Leadership Competencies Development Program
LEGEND Act	Learning Excellence and Good Examples from New Developers Act
LOI	Letter of Intent
MARS	Management Analysis and Reporting System
MCC	Mesoscale Convective Complex
MDCRS	Meteorological Data Collection and Reporting System
MetEmis	Meteorologically-induced Emissions
ML	Machine Learning
MJO	Madden-Julian Oscillation
MMEs	Multi-Model Ensembles
MOM6	Modular Ocean Model
MOS	Model Output Statistics
MPAR	Multi-function Phased Array Radar
mPING	Meteorological Phenomena Identification Near the Ground
MRMS	The Multi-Radar Multi-Sensor project
MRW	Medium-Range Weather
MSI	Minority Serving Institution
MSRI	(NSF) Mid Scale Research Infrastructure
NAO	NOAA Administrative Order
NAQFC	National Air Quality Forecasting Capability

NAS	National Academy of Sciences
NASA	National Aeronautics and Space Administration
NCAR	National Center for Atmospheric Research
NCEI	National Center for Environmental Information
NCEP	National Centers for Environmental Prediction
NCET	NAQFC Community Emission Testbed
NERTO	NOAA Experiential Research and Training Opportunities
NESDIS	National Environmental Satellite, Data, and Information Service
NEXRAD	Next Generation Weather Radar
NGGPS	Next Generation Global Prediction System
NHC	National Hurricane Center
NHC	National Hazards Center
NMME	North American Multi-Model Ensemble.
NMP	National Mesonet Program
NNoN	National Network of Networks
NOAA	National Oceanic and Atmospheric Administration
NOMADS	NOAA Operational Model Archive and Distribution System
NOPP	National Oceanographic Partnership Program
NOS	National Ocean Service
NRDD	National Research and Development Database
NSB	National Science Board
NSF	National Science Foundation
NSSL	National Severe Storms Laboratory
NUOPC	National Unified Operational Prediction Capability
NWP	Numerical Weather Prediction
NWS	National Weather Service
NWS AoA	National Weather Service Analysis of Alternatives
NWS OBS	National Weather Service Office of Observations
O2R	Operations to Research
OAR	Oceanic and Atmospheric Research
OCFO	Office of the Chief Financial Officer

ODIAC	OAR Diversity and Inclusion Advisory Committee
OLR	Outgoing Longwave Radiation
OMB	Office of Management and Budget
OPPSD	Office of Planning & Programming for Service Delivery
ORF	Operations, Research, and Facilities
OSEs	Observing System Experiments
OSS	The Office of Science Support
OSSEs	Observing System Simulation Experiments
OSTI	Office of Science and Technology Integration
OSTP	White House Office of Science and Technology Policy
OWAQ	Office of Weather and Air Quality
OWP	Office of Water Prediction
PAC	Procurement, Acquisition, and Construction
PADWOS	Portable Aircraft Derived Weather Observation System
PAR	Phased Array Radar
PB	President's Budget
PDR	Preliminary Design Review
PHI	Probabilistic Hazard Information
PI	Principal Investigator
P.L.	Public Law
PMEL	Pacific Marine Environmental Laboratory
PMF	Presidential Management Fellows
PPA	Program, Project, or Activity
PRECIP Act	Providing Research and Estimates of Changes in Precipitation Act
ProbSR	Probability of Subfreezing Road Temperatures
PSL	Physical Sciences Laboratory
PSN	Production Suite at NCEP
PWR	Priorities for Weather Research
QBO	Quasi-biennial Oscillation
QOSAP	Quantitative Observing System Assessment Program
QPF	Quantitative Precipitation Forecast

QPR	Quarterly Project Review
R&D	Research and Development
RL	Readiness Level
R2O[2R]	Research to Operations [to Research]
RO	Radio Occultation
ROC	Radar Operations Center
RRFS	Rapid Refresh Forecast System
RUA	Rapidly Updated Analyses
SAB	Science Advisory Board
S3FS	Single-coupled Seasonal and Sub-Seasonal Forecast System
SACNAS	Society for Advancement of Chicanos/Hispanics & Native Americans in Science
SBES	Social, Behavioral and Economic Sciences
SES	Senior Executive Service
SETSS	Scientific, Engineering, and Technical Support Services
SFS	Seasonal Forecast System
SLA	Service Level Agreement
SLEP	Service Life Extension Program
SOCA	Sea-ice Ocean and Coupled Analysis
SOW	Statements of Work
SPC	Storm Prediction Center
SPEAR	Seamless System for Prediction and Earth System Research
SRW	Short-Range Weather application (for the UFS)
SSFS	Sub-Seasonal Forecast System
sUAS	Small Uncrewed Aircraft Systems
SubX	The Subseasonal Experiment
TBPGCC	NOAA's Testbeds & Proving Grounds Coordinating Committee
TC	Tropical Cyclone
TCLOGG	Tropical Cyclone Logistical Guidance for Genesis
TDR	Tail Doppler Radar
THORPEX	The Observing system Research and Predictability Experiment

TORNADO Act	Tornado Observations Research and Notification Assessment for Development of Operations Act
TPIO	NESDIS Technology Planning and Integration for Observations
Trad	Traditional Analyses
UAS	Unmanned Aircraft System
UCACN	UCAR Community Advisory Committee for NCEP
UCAR	University Corporation for Atmospheric Research
UFS	Unified Forecast System
UMAC	UCACN Model Advisory Committee
U.S.	United States
U.S.C.	United States Code
USGCRP	US Global Climate Change Program
USWRP	United States Weather Research Program
VORTEX-USA	Verification of the Origins of Rotation in Tornadoes Experiment - Southeast
WAD	Western Acquisition Division
WCRP	World Climate Research Program
WINGS	Weather Program Office's Innovation for Next Generation Scientists
WMO	World Meteorological Organization
WoF	Warn-on-Forecast
WPC	Weather Prediction Center
WPO	Weather Program Office
WRCC	Western Regional Climate Center
WRN	Weather-Ready Nation
WSSI	Winter Storm Severity Index
WSR-88D	NEXRAD Weather Surveillance Radar 88 Doppler
WWRP	World Weather Research Program