

APPENDIX A – LIST OF ACRONYMS

AAA – American Automobile Association
AC – Air Conditioning
AFWA – Air Force Weather Agency
AMS – American Meteorological Society
ASTM – American Society for Testing and Materials
ATD – Atmospheric Transport and Diffusion (Dispersion)
BWIC – Bio-Warning and Incident Characterization
CB – Chemical/Biological
CBM – Certified Broadcast Meteorologist
CDC – Centers for Disease Control and Prevention
CDR – Commander
CEO – Chief Executive Officer
CFD – Computational Fluid Dynamics
Col – Colonel
DCNet – District of Columbia Network
DHHS – U.S. Department of Health and Human Services
DHS – U.S. Department of Homeland Security
DOC – U.S. Department of Commerce
DOD – U.S. Department of Defense
DOE – U.S. Department of Energy
DOT – U.S. Department of Transportation
DTRA – Defense Threat Reduction Agency
EPA – Environmental Protection Agency
FAA – Federal Aviation Administration
FCMSSR - Federal Committee for Meteorological Services and Supporting Research
FDDA – Four-dimensional data assimilation
FEMA – Federal Emergency Management Agency
FNMOCC – Fleet Numerical Meteorology and Oceanography Center
FY – Fiscal Year
GEM – Global Environmental Multi-scale (forecasting and modeling system)
GFDL – Geophysical Fluid Dynamics Laboratory
GIS – Geographic Information System
GPS – Global Positioning System
HPAC - Hazard Prediction and Assessment Capability
HVAC – Heating, Ventilation, and Air Conditioning
IBHS – Institute for Business and Home Safety
IBM – International Business Machines
IMAAC - Interagency Modeling and Atmospheric Assessment Center
IT – Information Technology
LETS – Local Exchange Trading System
LIDAR – Light Detection and Ranging
Lt Col – Lieutenant Colonel
mb – Millibar
MD - Maryland

NASA – National Aeronautics and Space Administration
NC – North Carolina
NCAR – National Center for Atmospheric Research
NCEP – National Centers for Environmental Prediction
NESDIS – National Environmental Satellite, Data, and Information Service
NGC – Northrop Grumman Corporation
NHC – National Hurricane Center
NOAA – National Oceanic and Atmospheric Administration
NOS – National Ocean Service
NSTC – National Science and Technology Council
NWP – Numerical weather prediction
NWS – National Weather Service
NYC – New York City
OAR – Office of Oceanic and Atmospheric Research
OFCM – Office of the Federal Coordinator for Meteorological Services and Supporting Research
OSTP – Office of Science and Technology Policy
PBL – Planetary Boundary Layer
PDT – Prospectus Development Team
QA – Quality assurance
QC – Quality control
R&D – Research and development
SODAR – Sound detection and ranging
STC – Science and Technology Corporation
TX – Texas
URL – Uniform Resource Locator
U.S. (US) – United States of America
USACE – U.S. Army Corps of Engineers
USAF – U.S. Air Force
USDA – U.S. Department of Agriculture
USOCOM – U.S. Ocean Commission
USWRP – U.S. Weather Research Program
WMO – World Meteorological Organization
WRF - Weather and Research Forecast System
WSR-88D – Weather Surveillance Radar – 1988 Doppler
XML – Extensible Markup Language
3-D Var – Three-dimensional variational analysis
4-D Var – Four-dimensional variational analysis