# APPENDIX M: ACRONYMS/ABBREVIATIONS

**-A-**

AB Data type header for Tropical Weather Outlook

AFB Air Force Base

AFRC Air Force Reserve Command

AFSATCOM Air Force Satellite Communications System

AFWA Air Force Weather Agency

AGL Above Ground Level

AMSU Advanced Microwave Sounding Unit

AOC Aircraft Operations Center (NOAA)

APT Automatic Picture Transmission

ARGOS Argos, Inc., a French data collection system

ARINC Aeronautical Radio, Incorporated

ARSA Airport Radar Service Area

ARTCC Air Route Traffic Control Center

ARWO Aerial Reconnaissance Weather Officer

ATC Air Traffic Control

ATCSCC Air Traffic Control System Command Center

ATSC Air Traffic Services Cell (DoD; Hq USAF/A3OP)

AVAPS Advanced Vertical Atmospheric Profiling System

AVHRR Advanced Very High Resolution Radiometer

AWIPS Advanced Weather Interactive Processing System

**-C-**

CARCAH Chief, Aerial Reconnaissance Coordination, All Hurricanes

CARF Central Altitude Reservation Function

CERAP Combined Center RAPCON (FAA)

CFW Coastal/Lakeshore Hazard Message products (AWIPS Product

 Category CFW)

C.I. Current Intensity

C-MAN Coastal-Marine Automated Network

CNMI Commonwealth of the Northern Mariana Islands

COM Commercial (telephone)

CONUS Continental United States

CPHC Central Pacific Hurricane Center

**-D-**

DA Daylight Ascending

deg degree (latitude or longitude)

DMSP Defense Meteorological Satellite Program

DOC Department of Commerce

DOD Department of Defense

DOT Department of Transportation

DPTD departed

DROP dropsonde/dropwindsonde

DSN Defense Switched Network (formerly AUTOVON)

**-E-**

ESA European Space Agency

ESPC Environmental Satellite Processing Center

ETA Estimated Time of Arrival

**-F-**

FAA Federal Aviation Administration

FACSFAC Fleet Aerial Control and Surveillance Facility

FCMSSR Federal Committee for Meteorological Services and Supporting

 Research

FCST forecast

FCSTR forecaster

FEA Flow Evaluation Area (FAA)

FL flight level

FLT LVL flight level

FMH Federal Meteorological Handbook

FNMOC Fleet Numerical Meteorology and Oceanography Center (USN)

FSM Federated States of Micronesia

ft foot/feet

**-G-**

GAC Global Area Coverage

GOES Geostationary Operational Environmental Satellite

GMDSS Global Maritime Distress and Safety System

**-H-**

HA High Accuracy

HD High Density

HDOB High Density Observation

HF High Frequency

h hour/hours

HLS Hurricane Local Statement

HNL Honolulu (CPHC)

HRD Hurricane Research Division (NOAA/OAR/AOML)

HRPT High Resolution Picture Transmission

**-I-**

ICAO International Civil Aviation Organization

ICMSSR Interdepartmental Committee for Meteorological Services and

Supporting Research

ID identification

IFR Instrument Flight Rules

IOM International Operations Manager (FAA)

IR Infrared

**-J-**

JTWC Joint Typhoon Warning Center

**-K-**

km kilometer/kilometers

KBIX ICAO identifier for Keesler AFB, MS

KNHC ICAO identifier for the National Hurricane Center, Miami, FL

kt knot/knots

**-L-**

LAC Local Area Coverage

LI Long Island

**-M-**

m meter/meters

MAX maximum

mb millibar/millibars

METEOSAT European Space Agency geostationary meteorological satellite

MIA Minimum IFR Altitude

min/MIN minute

MHS Microwave Humidity Sounder

mph mile/miles per hour

MSL Mean Sea Level

MTSAT-1R Japanese Geostationary Satellite

MVMT movement

**-N-**

NASA National Aeronautics and Space Administration

NAVLANTMETOCFAC Naval Atlantic Meteorology and Oceanography Facility

NAVMETOCCOM Naval Meteorology and Oceanography Command

NAVOCEANO Naval Oceanographic Office

NAVPACMETOCCEN Naval Pacific Meteorology and Oceanography Center

NAVTRAMETOCFAC Naval Training Meteorology and Oceanography Facility

NCEP National Centers for Environmental Prediction (NOAA/NWS)

NCO NCEP Central Operations

NDBC National Data Buoy Center

NESDIS National Environmental Satellite, Data, and Information Service

NHC National Hurricane Center

NHOP National Hurricane Operations Plan

nm nautical miles

NOAA National Oceanic and Atmospheric Administration

NOM National Operations Manager (FAA)

NOTAM Notice to Airmen

NRL Naval Research Laboratory

NSC NOAA Science Center

NWS National Weather Service

NWSOP National Winter Storms Operations Plan

NWSTG National Weather Service Telecommunications Gateway

**-O-**

OAC Oceanic Aircraft Coordinator (USN)

OB observation

OFCM Office of the Federal Coordinator for Meteorological Services and

 Supporting Research

OM Operations Manager (FAA)

OMIC Operations Manager In Charge (FAA)

OPC Ocean Prediction Center (NCEP)

OSS Operations Support Squadron (USAF)

**-P-**

PA Public Affairs

PHFO ICAO identifier for Honolulu, HI

POD Plan of the Day

POES Polar-Orbiting Environmental Satellite

**-R-**

RAPCON Radar Approach Control

RECCO Reconnaissance Code

RECON reconnaissance

ROC Radar Operations Center

RSMC Regional/Specialized Meteorological Center (WMO)

**-S-**

SAA Special Activity Airspace

SAB Satellite Analysis Branch

SATCOM Satellite Communications

SFC surface

SIM Satellite Interpretation Message

SLP Sea Level Pressure

SPC Storm Prediction Center (NCEP)

SSM/I Special Sensor Microwave Imager (DMSP)

SSM/IS Special Sensor Microwave Imager Sounder

SSM/T Special Sensor Microwave Temperature Sounder

STMC Supervisory Traffic Management Coordinator (FAA)

SUA Special Use Airspace

**-T-**

TAFB Tropical Analysis Forecast Branch (NHC)

TCA Aviation Tropical Cyclone Advisory

TCD Tropical Cyclone Discussion

TCM Tropical Cyclone Forecast/Advisories

TCP Tropical Cyclone Public Advisory

TCPOD Tropical Cyclone Plan of the Day

TCR Tropical Cyclone Reports

TCS Tropical Cyclone Summary

TCU Tropical Cyclone Update

TCV Tropical Cyclone Watch Warning Product

TD Tropical Depression

TEMP temperature

TEMP temporary

TEMP DROP Dropwindsonde Code

TF Thermal Fine

TKO takeoff

TMC Traffic Management Coordinator (FAA)

T- Dvorak number Tropical classification number

TRMM Tropical Rainfall Measurement Mission

TWD Tropical Weather Discussion

TWO Tropical Weather Outlook

TWS Tropical Weather Summary

**-U-**

UAS Unmanned Aerial Systems

UAV Unmanned Aerial Vehicle

UCP unit control position (WSR-88D)

UHF Ultra High Frequency

US/U.S. United States

USAF United States Air Force

USCG United States Coast Guard

USN United States Navy

UTC Universal Coordinated Time

**-V-**

VAS VISSR Atmospheric Sounder

VCP volume coverage pattern (WSR-88D)

VDM Vortex Data Message

VIS Visible

VIIRS Visible Infrared Imaging Radiometer

**-W-**

WEFAX Weather Facsimile

WFO Weather Forecast Office

WMO World Meteorological Organization

WND wind

WPC Weather Prediction Center (NCEP)

WPMDS Weather Product Management and Distribution System (Offutt AFB)

WRA Weather Reconnaissance Area

WRS Weather Reconnaissance Squadron

WS Weather Squadron

WSR-88D Weather Surveillance Radar-1988 Doppler

WT Data type header for hurricane bulletins

WX Weather

**-Z-**

Z Zulu (UTC)