

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
ASDL	Aircraft-to-Satellite Data Link
ATC	Air Traffic Control
ATCSCC	Air Traffic Control System Command Center
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
FNMOCC	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
hPa	hectopascal/hectopascals
h	hour/hours
HLS	Hurricane Local Statement
HNL	Honolulu (CPHC)
HPC	Hydrometeorological Prediction Center (NCEP)
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
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-K-

km	kilometer/kilometers
KBIX	ICAO identifier for Keesler AFB, MS
KNHC	ICAO identifier for the Tropical Prediction Center/National Hurricane Center, Miami, FL
kt	knot/knots

-L-

LAC	Local Area Coverage
LI	Long Island

-M-

m	meter/meters
MAX	maximum
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
NAVLANTMETOCCEN	Naval Atlantic Meteorology and Oceanography Center
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

-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 (TPC)
TCA	Aviation Tropical Cyclone Advisory
TCD	Tropical Cyclone Discussion
TCE	Tropical Cyclone Position Estimate
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-	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
WPMDS	Weather Product Management and Distribution System (Offutt AFB)
WRS	Weather Reconnaissance Squadron
WS	Weather Squadron
WSR-88D	Weather Surveillance Radar-1988 Doppler
WT	Data type header for hurricane bulletins

-Z-

Z	Zulu (UTC)
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