

WSI Guide to NWS Bulletins

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Preface

The corporation

Weather Services International (WSI) leads the global weather services industry with the most comprehensive

- high quality weather and weather-related solutions
- live, local, and interactive traffic reporting
- mission-critical systems
- integration services
- presentation services

WSI serves customers in media, aviation, industry, government, utilities, educational institutions, emergency management agencies, and consumer markets with the best-of-breed solutions.

Product offerings

WSI product lines include:

- Energycast, Internet-based, “all-in-one” weather source for the energy market
- FlightExplorer™ weather-enhanced Aircraft Situation Display application combining in-flight aircraft data with up-to-date weather information.
- Intellicast® on-line weather information service
- MapMakerSM tool to create detailed maps and map textures for a variety of WSI applications
- Mediacast® comprehensive ready-to-air weather programming and briefing service
- Showfx® 3D animation tool to generate captivating weather animations
- SkyAlert™ on-air severe weather warning system
- TrueView™ Interactive severe weather broadcasting system to display and interact with live, local weather data on-air
- TrueView™ Traffic reporting solution to display and interact with live, customized, local traffic information on-air
- WeatherNOW™ fully-automated system for playing broadcast-ready weather presentations utilizing WSI multimedia products
- WeathercastSM family of automated on-air forecasting products
- WeatherProducer® distributed multi-user weather system for the broadcast media market
- WeatherWorkstation® distributed multi-user weather system for non-media markets
- WSI InFlight™ satellite-based cockpit aviation weather
- WSI Pilotbrief Online® Internet-based aviation weather
- WSI Pilotbrief® weather briefing and flight planning systems

Clients can select from a suite of raw, unaltered data as well as WSI's exclusive enhanced data and imagery products designed for easy interpretation and analysis. Offerings include NOWrad® mosaic radar imagery, worldwide satellite imagery, lightning graphics, DIFAX weather charts, NEXRAD images, gridded computer model data, and alphanumeric text data.

Sources of data

WSI collects real-time weather data from an extensive network of sources around the world including the National Oceanic and Atmospheric Administration (NOAA), the National Weather Service (NWS), the National Center for Environmental Prediction (NCEP), the Federal Aviation Administration (FAA), and the Department of Defense (DOD).

Chapter 1

About This Book

Who should use this book

This book was written for users who need to know the full WMO bulletin header codes which are disseminated on NOAAPort from the National Center for Environmental Prediction (NCEP).

What's inside

The WSI Guide to NWS Bulletins includes the following sections:

Chapter 1, About This Book. Introduces the WSI Guide to NWS Bulletins.

Chapter 2, U.S. Products. Lists NWS bulletins for U.S. national and local products.

Chapter 3, Tropical Weather Products. Lists NWS bulletins for Atlantic, Pacific, and Indian Ocean tropical products.

Chapter 4, Canadian Products. Lists NWS bulletins for Canadian national and provincial products.

Chapter 5, International Products. Lists NWS bulletins for all international products.

Chapter 6, Custom Bulletins. Lists NWS bulletins that have been changed over HCSN and special bulletins headers generated from WSI.

Appendix A, Weather Forecast Offices (WFO). Listing of all WFOs for the National Weather Service.

Appendix B, River Forecast Centers (RFC). Lists RFCs for the National Weather Service.

Appendix C, U.S. Hourly Reporting Stations. Listing of all U.S. hourly reporting stations by state.

Appendix D, U.S. Upper Air Reporting Stations. Listing of all U.S. upper air reporting stations.

Appendix E, Canadian Hourly Reporting Stations. Listing of all Canadian hourly reporting stations by province.

Appendix F, Canadian Upper Air Reporting Stations. Listing of all Canadian upper air reporting stations.

Appendix G, International Metar Cities. Listing of selected international cities that report Metars.

Appendix H, U.S. WSR-88D Sites. Lists all U.S. WSR-88D (NEXRAD) sites.

Appendix I, WFO Map. County warning and forecast area map for the National Weather Service.

AWIPS bulletin header identification scheme

Part of the National Weather Service Modernization has been the restructuring of product bulletin headers to conform to WMO standards. The primary coding system in the past for the NWS was through the Automation of Field Operations and Services (AFOS). AWIPS (Advanced Weather Interactive Processing System) has replaced the existing AFOS system.

The following is the general format of the AWIPS header:

```
TTAAii cCCC
NNNXXX
```

TT. Data type.

AA. Country or region to which data applies.

ii. Internal number which defines distribution and identifies the product.

- The first i is a number from 4 to 8 to identify a product
- The second i is a number from 0 to 9 to identify the aviation geographical area as follows:

2nd i value	Aviation Area	States or Regions
0	Pacific	HI, GU, AS
1	Northeast US	VA,NY,MA,VT,OH,PA,ME,WV
2	Southeast US	MS,GA,NC,FL,PR
3	North Central US	SD,MI,WI,ND,KS,MN,IA,MO,NE,IL,IN,KY
4	South Central US	TX,AL,MS,LA,AR,TN,OK
5	Rocky Mountains	NM,MT,ID,CO,WY,AZ,NV,UT
6	West Coast	CA,OR,WA
7	Southeast AK	JNU
8	Central AK	ANC
9	Northern AK	FAI

c. Indicates country of origin (K = CONUS, P = AK, HI and Pacific).

CCC. Indicates the WFO that issues the product.

NNN. AWIPS product type code.

XXX. Further refines the state or region to which the product applies.

The following examples illustrates the old and new versions of the header scheme for a zone forecast issue

AFOS scheme:	FPUS5 KNYC ZFPNY	old WMO header second line header
AWIPS scheme:	FPUS51 KOKX ZFPOKX	new AWIPS header second line header

where:

NYC	is the old issuing station
NY	is the station/state of reference
OKX	replaces NYC as the AWIPS issuing station
ZFP	is the product type code
FP	is the WMO data type
US	is the country of reference
5	is the old product ID number
51	is the AWIPS product number (1 = Northeast U.S.)

Product headers can be broken up into several categories by the first letter in each product header.

A	Summary or Table
C	Climatological
F	Forecast (plain language or coded)
N	Administrative Message/Notice to Users/Public Information
S	Surface Observation (land or water)
T	Satellite Observation
U	Upper Air Observation
W	Advisory, Watch, or Warning

Customer support

In addition to this guide, support for this product includes:

Customer support. WSI Customer Support Services provides software and hardware support 24 hours a day, 7 days a week. To talk to a customer service representative call 978.983.6350 and select “1” at the prompt.

The standard support plan includes free phone support Monday through Friday from 6 a.m. - 2 a.m. ET (excluding WSI-recognized holidays). Standard support outside these hours is limited to critical situations with a guaranteed half hour response time from on-call personnel. All other calls are billable. Support calls from clients without a support plan are contracted on a per call basis. For more information concerning support services contact your sales representative or the customer service manager.

WSI Customer Support Services email: customersupport@wsi.com.

Contact WSI Customer Support Services by email for non-critical issues.

Chapter 2

U.S. Products

U.S. products include local and national bulletins.

National bulletins

National bulletins are products issued from the offices that have national forecast responsibility, such as NCEP or SPC. The products usually deal with weather on a large scale, whether they are past weather summaries, current observations, or forecast data. Bulletins found in this section include: aviation area forecasts, buoy/ship reports, NAM, NGM, and GFS model guidance, national weather summaries/discussions, severe weather watches/outlooks, surface observations/terminal forecasts, and upper air observations.

Bulletin	Description
ABNA26 KWBC	Hourly Temperature and Weather for International Cities
ABUS5 KWBC	U.S. Weekly National Weather/Agricultural Summary
ABUS23-25 KWBC	Hourly Temperature and Weather for U.S. Cities
ABUS51 KWBC	International Weather and Crop Summary
ABXX06 KWBC	Foreign Temperature and Weather Table
ABXX07 KWBC	Latin America Temperature and Weather Table
ACUS01 KWNS	Day One Convective Outlook
ACUS02 KWNS	Day Two Convective Outlook
ACUS03 KWNS	Day Three Convective Outlook
ACUS11 KWNS	Mesoscale Convective Discussion
ACUS41-45 KWBC	National Storm Summary
AEUS41 KWBC	National Ultraviolet Index
AGNT40 KWNM	Marine Interpretation Message (North Atlantic)
AGPN40 KWNM	Marine Interpretation Message (North Pacific)
AGXX40 KNHC	Marine Interpretation Message (Gulf of Mexico)
ASUS01 KWBC	Current High/Low/Frontal Positions (coded)
ASUS99 KVUY	Hourly Marine Roundup
AHXXN1-4 KWBC	Five Day Grid Point Mean Data Values (Northern Hemisphere)
AUUS03 KWBC	500 mb Map Type Correlations
AXXX80-82 KWNP	Space Weather Bulletins
CSXX1-10 KWBC	Monthly Climate Means
CUAK01 KWBC	Monthly Climate Means (Alaska)
CUCA01 KWBC	Monthly Climate Means (Caribbean)
CUPA01 KWBC	Monthly Climate Means (Pacific Islands)
CUUS01,02 KWBC	Monthly Climate Means
CXUS60-63 KWBC	Weekly Averages for Temperature and Precipitation
FACA20 KKI	Aviation Area Forecast (Caribbean)

Bulletin	Description
FAGX20 KKCI	Aviation Area Forecast (Gulf of Mexico)
FAHW31 PHFO	Aviation Area Forecast (Hawaii)
FAPA1 KWBC	Significant Weather Prog (North Pacific)
FAUS41-46 KKCI	Area Forecast (CONUS)
FBAK31,33,35,37-39 KWNO	6, 12, and 24 Hour Wind and Temperature Aloft Forecast (Alaska)
FBHW31,33,35,37-39 KWNO	6, 12, and 24 Hour Wind and Temperature Aloft Forecast (Hawaii)
FBCA11-28 KWBC	18 and 24 Hour Wind and Temperature Forecast (Caribbean)
FBNA11-46 KWBC	18 and 24 Hour Wind and Temperature Forecast (North America)
FBNT11-32 KWBC	18 and 24 Hour Wind and Temperature Forecast (North Atlantic)
FBOC31,33,35,37-39 KWNO	6, 12, and 24 Hour Wind and Temperature Aloft Forecast (Pacific)
FBPA11-46 KWBC	18 and 24 Hour Wind and Temperature Forecast (Pacific)
FBUS31,33,35,37-39 KWNO	6, 12, and 24 Hour Wind and Temperature Aloft Forecast (CONUS)
FCUS31,41-44,51-54 KWBC	Terminal Forecasts (amendments)
FCXX60 KWBC	Short Term Terminal Forecasts (U.S. Military)
FDAK1-3 KWBC	6, 12, and 24 Hour Wind and Temperature Forecast (Alaska)
FDAK01 KWNO	Fallout Wind Data (Alaska)
FDCA01 KWNO	Fallout Wind Data (Puerto Rico)
FDHW01 KWNO	Fallout Wind Data (Hawaii)
FDUS01 KWNO	Fallout Wind Data (CONUS)
FEAK37-39 KWNO	GFS MOS Extended Guidance (Alaska)
FEPA20 KWNO	GFS MOS Extended Guidance (Hawaii)
FEUS10 KWNO	GFS MOS Marine Extended Guidance
FEUS21 KWNO	GFS MOS Extended Guidance (Northeast)
FEUS22 KWNO	GFS MOS Extended Guidance (Southeast)
FEUS23 KWNO	GFS MOS Extended (North Central)
FEUS24 KWNO	GFS MOS Extended (South Central)
FEUS25 KWNO	GFS MOS Extended (Rockies)
FEUS26 KWNO	GFS MOS Extended (West)
FEUS40 KWBC	6 to 10 Day Outlook
FGUS71 KWNH	National Flood Summary
FMUS23,24 KWNH	Probabilistic Heat Index Forecast
FNUS21 KWNS	SPC Day 1 Fire Weather Outlook
FNUS22 KWNS	SPC Day 2 Fire Weather Outlook
FNUS31 KWNS	SPC Day 1 Fire Weather Outlook Areal Outline
FNUS32 KWNS	SPC Day 2 Fire Weather Outlook Areal Outline
FOAK25-29 KWNO	NGM MOS Guidance (Alaska)
FOAK37-39 KWNO	GFS MOS Guidance (Alaska)
FOCA51-52 KWNO	NGM Numerical Output (Puerto Rico/Virgin Islands)
FOGX77 KWNO	NGM Numerical Output (Gulf of Mexico)
FOHW50 KWNO	NGM Numerical Output (Hawaii)
FOPA20 KWNO	GFS MOS Guidance (Hawaii)

Bulletin	Description
FOPA21 KWNO	GFS MOS Guidance (West Pacific Islands)
FOUE01-15 KWNO	NGM MOS Guidance (Eastern U.S. Military)
FOUE60-64,80 KWNO	NGM Numerical Output (Eastern U.S.)
FOUM01-08 KWNO	NGM MOS Guidance (Central U.S. Military)
FOUM65-71,81,82,84 KWNO	NGM Numerical Output (Central U.S.)
FOUS10 KWNO	GFS MOS Marine Guidance
FOUS11 KWBC	Heavy Snowfall Discussion
FOUS11 KWNO	GFS LAMP Guidance
FOUS14 KWNO	NGM MOS Guidance
FOUS21 KWNO	GFS MOS Guidance (Northeast)
FOUS22 KWNO	GFS MOS Guidance (Southeast)
FOUS23 KWNO	GFS MOS Guidance (North Central)
FOUS24 KWNO	GFS MOS Guidance (South Central)
FOUS25 KWNO	GFS MOS Guidance (Rockies)
FOUS26 KWNO	GFS MOS Guidance (West)
FOUS30 KWBC	Excessive Rainfall Potential Outlook
FOUS31 KWBC	Special Excessive Rainfall Potential Outlook
FOUS41-46 KWNO	NAM MOS Guidance
FOUS60-73,77,78 KWNO	NAM Numerical Guidance (CONUS)
FOUS86-90 KWNO	NGM Numerical Guidance (Alaska)
FOUW01-10 KWNO	NGM MOS Guidance (Western U.S. Military)
FOUW72,73,78,83 KWNO	NGM Numerical Output (Western U.S.)
FOXX01 KBOU	Geoalert
FQAK47 KWNO	NAM Marine MOS (Alaska)
FQPA40 KWNO	NAM Marine MOS (Pacific)
FQUS41-46 KWNO	NAM Marine MOS (CONUS)
FPUS10,12-13 KWNH	Travel Forecast Tables
FPUS20-23 KWNH	Selected Cities Forecasts
FRUS31 KWBC	Transcribed Weather Broadcast (TWEB)
FRUS32 KWBC	TWEB Route Synopsis
FQAC40 KWBC	Storm Surge Guidance (Alaska)
FQGX40 KWBC	Storm Surge Guidance (Gulf of Mexico)
FQAK37 KWNO	GFS Marine MOS Guidance (Alaska)
FQPA20 KWNO	GFS Marine MOS Guidance (Pacific)
FQUS20 KWBC	Lake Erie and Huron Storm Surge Guidance
FQUS21-26 KWNO	GFS Marine MOS Guidance
FQUS22 KWBC	Great Lakes Wind Guidance
FQUS23 KWBC	East Coast Storm Surge Guidance
FSUS2 KWBC	12 and 24 Hour High/Low/Frontal Positions (coded)
FTPA31 PHIK	Terminal Forecasts (Wake Island)
FTPA31 KWBC,PHFO	Terminal Forecasts (U.S. Pacific Islands)

Bulletin	Description
FTAK31 PAFA,PANC	Terminal Forecasts (Alaska)
FTAK32 KWBC	Terminal Forecasts (Alaska Military)
FTPQ31 PGUM	Terminal Forecasts (U.S. West Pacific Islands)
FTUS80 KWBC	Terminal Forecasts (NWS/FAA)
FTXX60 KWBC	Terminal Forecasts (U.S. Military)
FUUS45 KGWC	Effective Downwind Fallout Message
FVXX20-22 KNES	Volcanic Ash Advisory Statements
FXHW01 KWNH	Extended Forecast Discussion (Hawaii)
FXHW40 KWBC	Prognostic Discussion for Long-Lead Outlooks (Hawaii)
FXUS01 KWBC	Prognostic Discussion (12-48 Hour)
FXUS01-13,28-53,61-73 KWNC	Probability of Exceedence Outlooks (Temp/Precip/HDD/CDD)
FXUS02 KWBC	Extended Forecast Discussion (3-5 Day)
FXUS04 KWBC	Quantitative Precipitation Forecast Discussion
FXUS05 KWBC	Long-Lead Outlook Prognostic Discussion
FXUS06 KWBC	Prognostic Discussion for the 6 to 10 Day Outlook
FXUS07 KWBC	Monthly Outlook Prognostic Discussion
FXUS10 KWNH	Model Diagnostic Discussion
FXUS21 KWNC	U.S. Threat Assessment
FXUS22 KWNC	U.S. Drought Outlook Discussion
FXUS23 KWNC	Tropical Pacific Mean SST Outlook
FXUS24 KWNC	El Nino/South Oscillation Diagnostic Discussion
FXUS25 KWNC	National Drought Summary
FXUS19-37 KMWI	Fire Weather Information (USDA NTIC)
FXUS55,59 KMWI	" "
FXUS63-68 KMWI	" "
FXUS80,81,85 KMWI	" "
FXXX01 KWNJ	Space Shuttle Landing Forecast
FXXX01 KWNP	Space Weather Bulletin
FXXX04 KBOU	Daily Space Weather Values/Events/Predictions
FZNT01 KWBC	High Seas Forecast (North Atlantic)
FZNT02 KWBC	High Seas Forecast (Tropical Atlantic)
FZNT21 KWBC	Offshore Marine Forecast (Northwest Atlantic)
FZNT22 KWBC	Offshore Marine Forecast (West Central Atlantic)
FZNT23 KWNM	Marine Forecast (Northeast U.S.)
FZNT24 KWNM	Marine Forecast (Mid Atlantic)
FZNT25 KWNM	Marine Forecast (Southeast U.S.)
FZNT41-43,45 KWBC	Surface Wind Data (Atlantic)
FZPN01 KWBC	High Seas Forecast (Eastern North Pacific)
FZPN02 KWBC	High Seas Forecast (North Pacific)
FZPN03 KNHC	High Seas Forecast (Eastern North Tropical Pacific)
FZPN04 KNHC	High Seas Forecast (Eastern South Tropical Pacific)

Bulletin	Description
FZPN22 KWNM	Marine Forecast (Southern California)
FZPN23 KWNM	Marine Forecast (Northern California)
FZPN24 KWNM	Marine Forecast (Washington/Oregon)
FZPN25 KWBC	Offshore Marine Forecast (Washington and Oregon Waters)
FZPN26 KWBC	Offshore Marine Forecast (California Waters)
FZPN40 PHFO	High Seas Forecast (Central North Pacific)
FZPS40 PHFO	High Seas Forecast (Central South Pacific)
FZPZ41-46 KWBC	Surface Wind Data (Pacific)
FZUS2 KWBC	West Coast Wind Guidance
FZUS40 KWBC	Gulf of Mexico Wind Guidance
FZUS41 KWBC	Northeast Coastal Wind Guidance
FZUS42 KWBC	Mid Atlantic Coastal Wind Guidance
FZUS43 KWBC	Chesapeake Bay Coastal Wind Guidance
FZUS44 KWBC	Southeast Coastal Wind Guidance
FZUS45 KWBC	California Coastal Wind Guidance
NOUS01 KRWA	Notice to Users
NOUS40 KWBC	Family of Services Notice
NOUS41 KWBC	Public Information Statement
NOUS42 KWNO	Special NCEP Discussion
NOUS71 KNCF	Data Management Message
NOUS71 KWOH	Alert Administrative Message (HADS)
NOUS72 KNES	Satellite Message
NOUS74 KEHU	Alert Administrative Message
NOXX10,47 KWBC	NOAAPort Notice
NOXX20 KWBC	EMWIN Alert Administrative Message
NPXX10 KWNO	Special NCEP Discussion
NWUS20 KWNS	Daily Severe Weather Summary
NWUS21 KWNS	Monthly Tornado Statistics
NWUS22 KWNS	Hourly Severe Weather Summary
NWUS23 KWNS	Killer Tornado Statistics
NXXX80 KNCF	EMWIN Alert Administrative Message
SAAK31,32 KWBC	Metar Observations (Alaska)
SACA42 KWBC	Metar Observations (Puerto Rico)
SAGM31 PGUM	Metar Observations (Guam)
SAHW31 KWBC,PHNL	Metar Observations (Hawaii)
SAMH31 PKWA	Metar Observations (Kwajalein)
SAPA41 KWBC	Metar Observations (U.S. Pacific Islands)
SAPQ50 KWBC	“ “
SAUS70 KWBC	Metar Observations (CONUS NWS/FAA)
SAUS80 KNKA	“ “
SAXX60 KWBC	Metar Observations (U.S. Military)

Bulletin	Description
SAZS31 NSTU	Metar Observations (American Samoa)
SDUS41-46 KWBC	Radar Observation Report
SEUS42 KNEC	Daily U.S. Earthquakes
SEXX03 KNEC	NEIC Quick Epicenter Determinations
SEXX60 PAAQ	Earthquake Information Message (Atlantic)
SMVD3 KCLE	Ship Reports
SIVA30 KWBC	Miscellaneous Buoy Reports
SIVB30 KWBC	“ “
SIVC30 KWBC	“ “
SIVD15,17,20,22,30-31,80 KWBC	“ “
SIVE15,30 KWBC	“ “
SIVF30 KWBC	“ “
SIVJ30 KWBC	“ “
SMAK01 KWBC	Synoptic Observations (Alaska)
SMCA01 KWBC	Synoptic Observations (Puerto Rico/Virgin Islands)
SMPA01,20 KWBC	Synoptic Observations (Hawaii/U.S. Western Pacific Islands)
SMUS01-06,70-73 KWBC	Synoptic Observations (CONUS)
SMZS01 NSTU	Synoptic Observations (American Samoa)
SMVA01,30 KWBC	Ship Reports
SMVB01 KWBC	“ “
SMVC01 KWBC	“ “
SMVD01,11,15,17,20,22,45,80 KWBC	“ “
SMVE01,15 KWBC	“ “
SMVF01 KWBC	“ “
SMVJ01 KWBC	“ “
SNVA01 KWBC	“ “
SNVB01 KWBC	“ “
SNVC01 KWBC	“ “
SNVD01,11 KWBC	“ “
SNVE01,15 KWBC	“ “
SNVF01 KWBC	“ “
UEVD01 KWBC	“ “
UEVF01 KWBC	“ “
UKVD01 KWBC	“ “
UKVF01 KWBC	“ “
ULVD01 KWBC	“ “
ULVF01 KWBC	“ “
SNVD15 KWBC	Offshore Buoy Reports (Southeast and Gulf of Mexico)
SNVD17,22 KWBC	Offshore Buoy Reports (West Coast)
SNVD20 KWBC	Offshore Buoy Reports (East Coast)
SNVD45 KWBC	Offshore Buoy Reports (Great Lakes)

Bulletin	Description
SNVD80 KWBC	“ “
SNVE15 KWBC	Offshore Buoy Reports (Hawaii)
SNPW01 KWBC	Offshore Buoy Reports (Western Pacific)
SOUS52 KWBC	Tide Gauge Data
SPUS70,80 KWBC	Special Metar Observations
SPXX60 KWBC	Special Metar Observations (U.S. Military)
SSUS82 MFL	Coastal Marine Automated Network Reports (Florida)
SSVX01-06 KWBC	Drifting Buoy Reports
SXUS20 KWBC	Coastal Marine Automated Network Reports (East Coast)
SXUS21 KWBC	Coastal Marine Automated Network Reports (Gulf Coast)
SXUS22 KWBC	Coastal Marine Automated Network Reports (Great Lakes)
SXUS23 KWBC	Coastal Marine Automated Network Reports (West Coast)
SXUS44-64 KMWI	Fire Weather Information (USDA NTIC)
SXVD83 KWNB	Coastal Marine Automated Network Reports (Great Lakes)
SXVX40-43,45-49, 60-63,65,66,69 KWBC	Spectral Ocean Wave Observations
TBUS01-04 KWBC	APT Predictions
TBUS05 KWBC	Geodetic Subpoint Predictions for GOES-10
TBUS06 KWBC	Geodetic Subpoint Predictions for GOES-8
TCUS40-43,51-54,62 KNES	Satellite Derived Cloud Information
THNA01-24 KWBC	Satellite Remote Upper Air Soundings (Northern Hemisphere)
TRNA01-24 KWBC	Satellite Observation of Clear Radiance (Northern Hemisphere)
TXUS20 KNES	Satellite Precipitation Estimate
UANT01 KWBC	International Pilot Reports (North Atlantic)
UAPA01 KWBC	International Pilot Reports (North Pacific)
UAUS31 KWBC	Pilot Reports
UBUS1 KWBC	“ “
UEAK01,02 KWBC	Upper Air Sounding Data (Alaska)
UEPA1,2 KWBC	Upper Air Sounding Data (U.S. West Pacific Islands)
UEUS01-09,50 KWBC	Upper Air Sounding Data (CONUS)
UFGM40 PGUM	Upper Air Sounding Data (Guam)
UFKA40 PTKK,PTKR,PTTP,PTYA	Upper Air Sounding Data (U.S. West Pacific Islands)
UFHW40 PHLI, PHTO	Upper Air Sounding Data (Hawaii)
UFMH40 PKMR	Upper Air Sounding Data (U.S. West Pacific Islands)
UFUS14,72 KAWN	Upper Air Sounding Data (CONUS)
UGUS50 KWBC	“ “
UHUS50 KWBC	“ “
UJUS11 KXMR	Upper Air Sounding Data (CONUS)
UKAK01,02 KWBC	Upper Air Sounding Data (Alaska)
UKPA01,02 KWBC	Upper Air Sounding Data (U.S. West Pacific Islands)
UKUS01-09,50 KWBC	Upper Air Sounding Data (CONUS)
ULAK01,02 KWBC	Upper Air Sounding Data (Alaska)

Bulletin	Description
ULPA1,2 KWBC	Upper Air Sounding Data (U.S. West Pacific Islands)
ULUS01-09,50 KWBC	Upper Air Sounding Data (CONUS)
UPUS50 KWBC	“ “
UQUS50 KWBC	“ “
UMGM40 PGUM	Upper Air Sounding Data (Guam)
UMHW40 PHLI,PHTO	Upper Air Sounding Data (Hawaii)
UMKA40 PTKK,PTKR,PTTP PTYA	Upper Air Sounding Data (U.S. West Pacific Islands)
UMMH40 PKMR	“ “
USAK17 PANT,PAYA	Upper Air Sounding Data (Alaska)
USAK18 PABE,PACD,PADQ PAFC,PAKN,PAMC PASN	“ “
USAK19 PABR, PAFA, PAOM PAOT	“ “
USGM01 PGUM	Upper Air Sounding Data (Guam)
USHW40 PHLI,PHTO	Upper Air Sounding Data (Hawaii)
USKA01 PTTP,PTYA	Upper Air Sounding Data (U.S. West Pacific Islands)
USKA40 PTKK,PTKR,PTYA	“ “
USMH40 PKMR	“ “
USPA01,02 KWBC	“ “
USUS04,50 KWBC	Upper Air Sounding Data (CONUS)
UXAK47 PANT,PAYA	Freezing Level Information (RADAT) (Alaska)
UXAK48 PABE,PACD,PADQ PAFC,PAKN,PAMC PAOT	“ “
UXAK49 PABR,PAFG,PAOM PAOT	“ “
UXGM40 PGUM	Freezing Level Information (RADAT) (Guam)
UXHW40 PHLI,PHTO	Freezing Level Information (RADAT) (Hawaii)
UXKA40 PTKR,PTTP,PTYA	Freezing Level Data (U.S. West Pacific Islands)
UXMH40 PKMR	“ “
UXUS70-72 KWBC	Freezing Level Information (RADAT) (CONUS)
UXZS40 NSTU	Freezing Level Information (RADAT) (American Samoa)
WAAK47-49 PAWU	Airmet (Alaska)
WAHW31 PHFO	Airmet (Hawaii)
WAUS41-46 KKCI	Airmet (CONUS)
WCUS1 KZAB,KZAN,KZAU KZBW,KZDC,KZDV KZFW,KZHU,KZID KZJX,KZKC,KZLA KZKC,KZMA,KZME KZMP,KZNY,KZOA KZSE,KZTL	Meteorological Impact Statement

Bulletin	Description
WCUS21-26 KZAB,KZAN,KZAU KZBW,KZDC,KZDV KZFW,KZHU,KZID KZJX,KZKC,KZLA KZKC,KZMA,KZME KZMP,KZNY,KZOA KZSE,KZTL	Central Weather Advisory
WEXX20 PAAQ	Tsunami Watch/Warning (Atlantic)
WEXX22 PAAQ	Tsunami Information Message (Atlantic)
WOUS20 KWNS	Severe Weather Watch Status Report
WOUS40 KWNS	Public Severe Weather Outlook
WOUS64 KWNS	Severe Weather Watch Outline Update Message
WOXX01,03,04,13,20,30,50 KWNP	Space Weather Bulletins
WSNT01-13 KKCI	Sigmet (Atlantic)
WSPN01-13 KKCI	Sigmet (Eastern Pacific)
WSUS01-06 KKCI	Sigmet (CONUS)
WSUS31-33 KKCI	Convective Sigmet (CONUS)
WVNT01-13 KKCI	Volcanic Ash Sigmet (Atlantic)
WVPN01-13 KKCI	Volcanic Ash Sigmet (Eastern Pacific)
WVUS01-06 KKCI	Volcanic Ash Sigmet (CONUS)
WWNT30 KNGU	Wind and Seas Warning (North Atlantic)
WWUS20 KWNS	Severe Weather Watch
WWUS30 KWNS	Severe Weather Watch Outline
WWUS40 KWNS	SPC Hazard Probability Information Product
WUUS01 KWNS	Day One Convective Outlook Areal Outline
WUUS02 KWNS	Day Two Convective Outlook Areal Outline
WUUS03 KWNS	Day Three Convective Outlook Areal Outline

Local bulletins

Local bulletins are products issued from individual Weather Forecast Offices (WFOs). Bulletins found in this section include: forecast discussions, climate summaries, flood/river advisories/reports/warnings, hourly weather roundups, marine forecasts/statements, severe weather warnings/statements, regional temperature and precipitation tables, and zone forecasts.

Continental U.S.

Bulletin	Description
AEUS71-76 *	Air Quality Index Statements
AGUS52 KALR	Computed M.A.P. Values
AGUS53 KMSR	" "
AGUS54 KORN,KTUA	" "
AGUS71 KRHA,KTAR KTIR	Hydrometeorological Discussion
AGUS72 KALR	" "
AGUS73 KKRF,KMSR	" "
AGUS74 KFWR,KORN KTUA	" "
AGUS76 KRSA	" "
ASUS41-46 *	Regional Weather Roundups
ASUS61-66 *	Regional Temperature and Precipitation Summary
AWUS81-86 *	Regional Weather Summary
AXUS51 KTAR	Weekly Weather and Crop Report
CDUS41-46 *	Daily Climate Report
CDUS51 KRNK	Daily Climate Report
CSUS51-56 *	Monthly Climate Means
CXUS9 KALB,KBOI	Weekly Weather and Crop Report
CXUS31-36 *	Supplementary Climate Data
CXUS41,43,45,51-56 *	Monthly Climate Report
CXUS60-63 KWBC	Weekly Average Temperatures and Total Precipitation
CXUS70 KAUO,KOMA	Weekly Divisional Data
CXUS86 KSCS	SHEF Data
FEUS63 KFGF,KGLD	Extended Forecast
FEUS71 KLWX	6 to 10 Day Outlook
FEUS75 KCYS,KTFX	" "
FEUS83 KDMX,KFSD	30/90 Day Outlook
FGUS41-46 *	River Recreation Statement
FGUS51-56 *	Water Supply Outlook/River Forecast/Daily River Summary
FGUS71-76 *	Flood Potential Statement/Outlook

Bulletin	Description
FGUS81-86 *	River Statement/Summary/Forecast
FIUS41-46 *	River Ice Statement
FLUS41-46 *	Hazardous Weather Outlook
FLUS81-86 *	Local Forecast
FNUS41-46 *	Fire Weather Forecast
FNUS51-56 *	" "
FNUS61-66 *	Rangeland Fire Danger Statement
FNUS71-76 *	Fire Weather Dispersion Index/Spot Forecast
FNUS81-86 *	Miscellaneous Fire Weather Product
FOUS51-56 *	Area/Point Forecast Matrices
FOUS61-66 (rfc)	County Flash Flood Guidance
FPUS41-46 *	Coded City Forecast
FPUS46 KLOX,KMTR	California Selected Cities Forecast
FPUS51 KAKQ	Zone Forecast (SE VA, NE NC, S MD)
FPUS51 KALY	Zone Forecast (E NY, NW CT, W MA)
FPUS51 KBGM	Zone Forecast (C NY)
FPUS51 KBOX	Zone Forecast (C+E MA, RI, N CT, SW NH)
FPUS51 KBTX	Zone Forecast (VT)
FPUS51 KBUF	Zone Forecast (W NY)
FPUS51 KCAR	Zone Forecast (N+E ME)
FPUS51 KCLE	Zone Forecast (N OH)
FPUS51 KCTP	Zone Forecast (C PA)
FPUS51 KGYX	Zone Forecast (NH, W+S ME)
FPUS51 KILN	Zone Forecast (S OH, SE IN, N KY)
FPUS51 KLWX	Zone Forecast (C MD)
FPUS51 KOKX	Zone Forecast (SE NY, S CT, N NJ)
FPUS51 KPBZ	Zone Forecast (W PA, E OH, N WV)
FPUS51 KPHI	Zone Forecast (E PA, S NJ, DE, NE MD)
FPUS51 KRLX	Zone Forecast (C+E WV)
FPUS51 KRNK	Zone Forecast (W VA, NW NC)
FPUS52 KCAE	Zone Forecast (C SC)
FPUS52 KCHS	Zone Forecast (SE SC, E GA)
FPUS52 KFFC	Zone Forecast (C+S GA)
FPUS52 KGSP	Zone Forecast (NW SC, SW NC, NE GA)
FPUS52 KILM	Zone Forecast (SE NC, NE SC)
FPUS52 KJAX	Zone Forecast (NE FL, SE GA)
FPUS52 KKEY	Zone Forecast (FL Keys)
FPUS52 KMFL	Zone Forecast (S FL)
FPUS52 KMHX	Zone Forecast (E NC)
FPUS52 KMLB	Zone Forecast (EC FL)
FPUS52 KRAH	Zone Forecast (C NC)

Bulletin	Description
FPUS52 KTAE	Zone Forecast (N FL, WC GA)
FPUS52 KTBW	Zone Forecast (WC+SW FL)
FPUS53 KABR	Zone Forecast (C+NE SD, WC MN)
FPUS53 KAPX	Zone Forecast (N MI)
FPUS53 KARX	Zone Forecast (SW WI, SE MN, NE IA)
FPUS53 KBIS	Zone Forecast (C+W ND)
FPUS53 KDDC	Zone Forecast (SW KS)
FPUS53 KDLH	Zone Forecast (NE MN, NW WI)
FPUS53 KDMX	Zone Forecast (C IA)
FPUS53 KDTX	Zone Forecast (SE MI)
FPUS53 KDVN	Zone Forecast (E IA, NW IL)
FPUS53 KEAX	Zone Forecast (NW MO, NE KS)
FPUS53 KFGF	Zone Forecast (E ND, NW MN)
FPUS53 KFSD	Zone Forecast (SE SD, NW IA, SW MN)
FPUS53 KGID	Zone Forecast (SC NE, NC KS)
FPUS53 KGLD	Zone Forecast (NW KS, E CO, SW NE)
FPUS53 KGRB	Zone Forecast (NE+NC WI)
FPUS53 KGRR	Zone Forecast (SW MI)
FPUS53 KICT	Zone Forecast (SE+SC KS)
FPUS53 KILX	Zone Forecast (C IL)
FPUS53 KIND	Zone Forecast (C IN)
FPUS53 KIWX	Zone Forecast (N IN, SC MI)
FPUS53 KJKL	Zone Forecast (E KY)
FPUS53 KLBF	Zone Forecast (NC+W NE)
FPUS53 KLMK	Zone Forecast (C KY, SC IN)
FPUS53 KLOT	Zone Forecast (N IL)
FPUS53 KLSX	Zone Forecast (E MO, WC IL, E KS)
FPUS53 KMKX	Zone Forecast (SE+SC WI)
FPUS53 KMPX	Zone Forecast (C MN, WC WI)
FPUS53 KMQT	Zone Forecast (WC Upper MI)
FPUS53 KOAX	Zone Forecast (E NE, SW IA)
FPUS53 KPAH	Zone Forecast (W KY, S IL, SE MO, SW IN)
FPUS53 KSGF	Zone Forecast (SE KS, SW MO)
FPUS53 KTOP	Zone Forecast (N KS)
FPUS53 KUNR	Zone Forecast (W SD, NE WY)
FPUS54 KAMA	Zone Forecast (TX+OK Panhandles)
FPUS54 KBMX	Zone Forecast (N+C AL)
FPUS54 KBRO	Zone Forecast (Deep S TX)
FPUS54 KCRP	Zone Forecast (SE TX)
FPUS54 KEPZ	Zone Forecast (Far W TX, SW+SC NM)
FPUS54 KEWX	Zone Forecast (S TX)

Bulletin	Description
FPUS54 KFWD	Zone Forecast (N TX)
FPUS54 KHGX	Zone Forecast (SE TX)
FPUS54 KJAN	Zone Forecast (MS, SE AR, NE LA)
FPUS54 KLCH	Zone Forecast (SW LA, SE TX)
FPUS54 KLIJ	Zone Forecast (SE LA, SW MS)
FPUS54 KLUB	Zone Forecast (WC TX)
FPUS54 KLZK	Zone Forecast (C AR)
FPUS54 KMAF	Zone Forecast (W TX, SE NM)
FPUS54 KMEG	Zone Forecast (W TN, SE MO)
FPUS54 KMOB	Zone Forecast (S AL, SE MS)
FPUS54 KMRX	Zone Forecast (E TN, NW NC, SW VA)
FPUS54 KOHX	Zone Forecast (C TN)
FPUS54 KOUN	Zone Forecast (W+C OK, N TX)
FPUS54 KSHV	Zone Forecast (NW LA, SW AR, SE OK, NE TX)
FPUS54 KSJT	Zone Forecast (WC TX)
FPUS54 KTSA	Zone Forecast (E OK, NW AR)
FPUS55 KABQ	Zone Forecast (NM)
FPUS55 KBOI	Zone Forecast (SW ID, SE OR)
FPUS55 KBOU	Zone Forecast (NE+NC CO)
FPUS55 KBYZ	Zone Forecast (SE+SC MT, NC WY)
FPUS55 KCYS	Zone Forecast (SE WY, NE Panhandle)
FPUS55 KFGZ	Zone Forecast (N AZ)
FPUS55 KGGW	Zone Forecast (NE MT)
FPUS55 KGJT	Zone Forecast (W CO, E UT)
FPUS55 KLKN	Zone Forecast (N+EC NV)
FPUS55 KMSO	Zone Forecast (W MT, C ID)
FPUS55 KPIH	Zone Forecast (SE ID)
FPUS55 KPSR	Zone Forecast (SW AZ, SE CA)
FPUS55 KPUB	Zone Forecast (SE CO)
FPUS55 KREV	Zone Forecast (W NV, NE CA)
FPUS55 KRIW	Zone Forecast (C+W WY)
FPUS55 KSLC	Zone Forecast (UT, S ID, SW WY)
FPUS55 KTFX	Zone Forecast (NC+SW MT)
FPUS55 KTWG	Zone Forecast (SE AZ)
FPUS55 KVEF	Zone Forecast (S NV, NW AZ, SE CA)
FPUS56 KEKA	Zone Forecast (NW CA)
FPUS56 KHNX	Zone Forecast (Interior C CA)
FPUS56 KLOX	Zone Forecast (S CA)
FPUS56 KMFR	Zone Forecast (S OR, N CA)
FPUS56 KMTR	Zone Forecast (Coastal C CA)
FPUS56 KOTX	Zone Forecast (E WA, N ID)

Bulletin	Description
FPUS56 KPDT	Zone Forecast (NE OR, SE WA)
FPUS56 KPQR	Zone Forecast (NW OR, SW WA)
FPUS56 KSEW	Zone Forecast (W WA)
FPUS56 KSGX	Zone Forecast (Extreme SW CA)
FPUS56 KSTO	Zone Forecast (Interior N CA)
FPUS61-66 *	Tabular State Forecast
FPUS71-76 *	Short Term Forecast
FPUS81-86 *	Other Public Products
FSUS41 KALY,KCTP	Routine QPF
FSUS42 KJAX,KMFL KMLB,KTAE KTBW	" "
FSUS43 KEAX	" "
FSUS44 KAMA,KMOB KMRX,KTSA	" "
FSUS46 KEKA,KLOX	" "
FSUS76 KRSA	Forecast QPF and Snow Levels
FSUS86 KRSA	QPF Tracking Program
FXUS61-66 *	Area Forecast Discussion
FZUS51 KAKQ,KBOX KCAR,KGYX KLWX,KOKX KPHI	Coastal Waters Forecast/Surf Observations and Forecasts
FZUS51 KBUF	Nearshore Marine Forecast
FZUS52 KCHS,KILM KJAX,KKEY KMFL,KMHX KMLB,KTAE KTBW	Coastal Waters Forecast/Surf Observations and Forecasts
FZUS53 KAPX,KCLE KDLH,KDTX KGRB,KGRR KLOT,KMKX KMQT	Nearshore Marine Forecast
FZUS54 KBRO,KCRP KHGX,KLCH KLIX,KMOB	Coastal Waters Forecast/Surf Observations and Forecasts
FZUS56 KEKA,KLOX KMFR,KMTR KPQR,KSEW	" "
FZUS61 KBUF,KCLE	Open Lake Forecast
FZUS63 KBUF,KDTX KLOT,KMQT	" "
FZUS71-74,76 *	Marine Weather Statement
FZUS81 KCLE	Great Lakes Ice Forecast
FZUS81 KWBC	Great Lakes Ice Outlook
NGUS81-86 *	Hydrological Coordination Message

Bulletin	Description
NOUS41-46 *	Public Information Statement
NOUS51-56 *	Aviation/Marine Accident Report
NOUS60 PGUM,PHFO	WSR-88D Free Text Message
NOUS61-66 *	" "
NOUS67 PAJK	" "
NWUS51-56 *	Local Storm Report
SEUS41.42,44,46 *	Tsunami Bulletin
SEUS56 KMTR,KPQR KSEW,KSGX	" "
SEUS61-66 *	Earthquake Bulletin
SEUS71 PAAQ	Earthquake Bulletin (WA, OR, CA)
SHUS41-46 *	Agricultural Observations
SOUS41,42,44,46 *	Tide Forecast and Information
SRUS41-46 *	River Summary/Miscellaneous Hydrological Data
SRUS51-56 *	Hydrology Meteorology Data Report (Parts 1-5)
SRUS61-66 *	ASOS SHEF Precipitation Criteria Message
SRUS71-76 *	ASOS SHEF Hourly Routine Message
SRUS81-86 *	Hydrology Meteorology Data Report (Part 8)/Automated Hydrologic Observation Report
SVUS02 KSSM	Great Lakes Ice Observation
SVUS03 KDTW	" "
SVUS04 KMKE	" "
SVUS05 KMKG	" "
SVUS06 KBUF	" "
SXUS31-36 *	Supplementary Data Observations
SXUS41-46 *	State Road Report/Recreation Forecast/Other Observations
SXUS51 KOKX	New York City Metropolitan Weather Roundup
SXUS51-56 *	Daily Hydrometeorological Products
SXUS71-76 *	Record Report
SXUS81-86 *	Other Marine Reports
UXUS01 KRBL,KSNS KSTO,KTRM	Low Level Temperature Soundings
WGUS41-46 *	Flood Warning
WGUS51-56 *	Flash Flood Warning
WGUS61-66 *	Flash Flood Watch
WGUS66 KRSA	Flood Statement
WGUS71-76 *	Flash Flood Statement
WGUS76 KRSA	Flood Warning
WGUS81-86 *	Flood Statement
WFUS51-56 *	Tornado Warning
WHUS41,42,44,46 *	Coastal Flood Statement/Watch/Warning
WHUS51-56 *	Special Marine Warning

Bulletin	Description
WHUS61 KBUF,KCLE	Lakeshore Statement
WHUS63 KDTX,KLOT KMKX	" "
WOUS41-46 *	Civil Emergency Message
WUUS51-56 *	Severe Thunderstorm Warning
WWUS41-46 *	Winter Weather Advisory/Watch/Warning
WWUS51-56 *	Severe Weather Statement
WWUS61-66 *	Watch County Notification
WWUS71-76 *	Non-Precipitation Event Watch/Warning
WWUS81-86 *	Special Weather Statement/Red Flag Warning/Airport Weather Warning
WWUS85 KBOI,KBOU KCYS,KMSO KPIH,KREV KSLC,KVEF	Snow Avalanche Bulletin
WWUS86 KPQR KSEW	" "

Alaska

Bulletin	Description
ASAK48 PAFC	Regional Weather Roundup
ASKS67 PAJK	Regional Temperature and Precipitation Summary
ASAK68 PAFC	" "
ASAK69 PAFG	" "
AGAK78 PACR	Hydrometeorological Discussion
AWAK88 PAFC	Regional Weather Summary
CDAK47 PAJK,PANT PAYA	Daily Climate Report
CDAK48 PABE,PACD PADQ,PAKN PAMC,PASN PAVW	" "
CDAK49 PABR,PAOM PAOT	" "
CXAK32-35 PAFA	Supplementary Climate Data
CXAK31-33 PAJN	" "
CXAK31-33,35-38 PANC	" "
CXAK57 PAJK,PANT PAYA	Monthly Climate Report
CXAK58 PABE,PACD PADQ,PAFC PAKN,PASN PAVW	" "
CXAK59 PABR,PAFG PAOM,PAOT	" "
FAAK47-49,57-59,68 PAWU	Area Forecast
FGAK21-23 PACR	SHEF River Forecast
FGAK24 PACR	River Summary and Forecast
FGAK48 PACR	Recreational River Statement
FGAK57 PAJK	Daily River Summary
FGAK58 PACR,PAFC	" "
FGAK59 PAFG	" "
FGAK68 PACR	Extended Streamflow Prediction
FGAK77 PAJK	Flood Potential Outlook
FGAK78 PAFC	" "
FGAK79 PAFG	" "
FGAK78 PACR	Flood Potential Statement/Ice Breakup Outlook
FGAK87 PAJK	River Statement
FGAK88 PACR,PAFC	" "

Bulletin	Description
FGAK89 PAFG	“ “
FLAK47 PAJK	Hazardous Weather Outlook
FLAK48 PAFC	“ “
FLAK49 PAFG	“ “
FNAK51-54 PAFC	Fire Weather Forecast
FNAK51-53 PAFG	“ “
FNAK57 PAJK	“ “
FNAK58 PAFC	“ “
FNAK59 PAFG	“ “
FNAK71-73,78 PAFC	Spot Fire Weather Forecast
FNAK72 PAFG	“ “
FNAK77 PAJK	“ “
FNAK79 PAFG	“ “
FOAK51-53 PAFC	Area/Point Forecast Matrices
FOAK57 PAJK	“ “
FOAK69 PAFG	“ “
FPAK41-42,48 PAFC	Code City Forecast
FPAK47 PAJK	“ “
FPAK49 PAFG	“ “
FPAK51-53 PAFC PAFG	Zone Forecast
FPAK54 PAFC	“ “
FPAK57 PAJK	“ “
FPAK61-62 PAFC	Tabular State Forecast
FPAK67 PAJK	Motoring Forecast
FPAK77 PAJK,PANT PAYA	Short Term Forecast
FPAK78 PABE,PACD PADQ,PAFC PAKN,PAMC PASN,PAVW	“ “
FPAK79 PABR,PAFG PAOM,PAOT	“ “
FVAK21-25 PAWU	Volcanic Ash Ash Advisory
FXAK67 PAJK	Area Forecast Discussion
FXAK68 PAFC	“ “
FXAK69 PAFG	“ “
FZAK51-52 PAFC PAFG,PAJK	Coastal Marine Forecast
FZAK57 PAJK	Surf Observations and Forecasts
FZAK57 PAYA	Coastal Marine Forecast
FZAK58 PADQ,PAFC PAVW	“ “
FZAK61 PAFC	Offshore Marine Forecast

Bulletin	Description
FZKA61 PAJK	Navtex Marine Forecast
FZAK61-62 PAFC	Coastal Marine Forecast
FZAK63,64 PAFC	Navtex Marine Forecast
FZAK67 PAJK	Offshore Marine Forecast
FZAK68 PAFC	Marine Weather Statement
FZAK70 PANC	Sea Ice Advisory for Western and Arctic AK Coastal Waters
FZAK71-72,81-82	Marine Weather Statement
FZAK80 PAFC	Sea Ice Advisory
FZAK87 PAJK	“ “
FZAK89 PAFG	“ “
NGAK87 PAJK	Hydrological Coordination Message
NGAK88 PAFC	“ “
NGAK89 PAFG	“ “
NOAK47 PAJK	Public Information Statement
NOAK48 PACR,PAFC	“ “
NOAK49 PAFG	“ “
NOAK57 PAJK	Aviation/Marine Accident Report
NOAK58 PAFC	“ “
NOAK59 PAFC	“ “
NWAK47 PAJK	Local Storm Report
NWAK49 PAFG	“ “
NWAK57 PANT,PAYA	“ “
NWAK58 PADQ,PABE PACD,PAFC PAKN,PAMC PASM,PAVW	“ “
NWAK59 PABR,PAOM PAOT	“ “
SEAK42 PAAQ	Earthquake Data (coded)
SEAK47 PAJK,PANT PAYA	Tsunami Message
SEAK48 PACD,PADQ PAFC,PAHO PAKN,PAVW	“ “
SEAK49 PABR,PAFG PAOM,PAOT	“ “
SEAK67 PAJK,PANT PAYA	Earthquake Report
SEAK68 PAAQ,PABE PACD,PADQ PAFC,PAKN PAMC,PASN PAVW	“ “
SEAK69 PABR,PAFG PAOM,PAOT	“ “

Bulletin	Description
SEAK71 PAAQ	Earthquake Bulletin
SRAK47 PAJK	River Summary/Forecast
SRAK48 PACR,PAFC	“ “
SRAK49 PAFG	“ “
SRAK57 PAJK	Hydrological Report
SRAK58 PACR,PAFC	“ “
SRAK59 PAFG	“ “
SRUS88 PANC	Regional Buoy and Coastal Observation Roundup
SVAK08 PASN	Ice Observation Message
SVAK09 PABR,PAOM PAOT	“ “
SXAK31 PAJN	Other Surface Observations
SXAK31 PANC	Supplementary Data Observations
SXAK32 PAFA	“ “
SXAK49 PAFG	Recreational Forecast
SXAK58 PACR	Precipitation Data
SXAK77 PAJK,PANT PAYA	Record Report
SXAK78 PABE,PADQ PAFC,PAKN PAMC,PAVW	“ “
SXAK79 PABR,PAOM PAOT	“ “
SXAK88 PAVW	Coastal Weather Roundup
SXVD01 PANC	Ship Report Collective
WEAK51 PAAQ	Tsunami Bulletin
WEAK53 PAAQ	Tsunami Information Bulletin
WEPA41 PAAQ	Tsunami Watch/Warning
WEPA43 PAAQ	Tsunami Information Bulletin
WFAK58 PAFC	Tornado Warning
WGAk48 PAFC	Flood Warning
WGAk47 PAJK	“ “
WGAk49 PAFG	“ “
WGAk58 PAFC	Flash Flood Warning
WGAk57 PAJK	“ “
WGAk59 PAFG	“ “
WGAk68 PAFC	Flood Watch
WGAk67 PAJK	Flash Food Watch
WGAk69 PAFG	“ “
WGAk78 PAFC	Flash Flood Statement
WGAk77 PAJK	“ “
WGAk79 PAFG	“ “
WGAk88 PAFC	Flood Statement

Bulletin	Description
WGAK87 PAJK	“ “
WGAK89 PAFG	“ “
WHAK58 PAFC	Coastal Flood Watch/Warning
WHAK47 PAJK	“ “
WHAK49 PAFG	“ “
WHAK51-52 PAFC	Special Marine Warning
WHAK57 PAJK	“ “
WHAK59 PAFG	“ “
WOAK48 PAFC	Civil Emergency Message
WSAK01-09 PAWU	Sigmet
WUAK58 PAFC	Severe Thunderstorm Warning
WUAK57 PAJK	“ “
WUAK59 PAFG	“ “
WVAK01-09 PAWU	Volcanic Ash Sigmet
WWAK41 PAFC	Winter Weather Watch/Warning
WWAK41-43 PAFG	“ “
WWAK42-44 PAFC	“ “
WWAK47 PAJK,PANT PAYA	“ “
WWAK48 PABE	“ “
WWAK57 PAJK	Severe Weather Statement
WWAK58 PAFC	“ “
WWAK59 PAFG	“ “
WWAK61-63 PAFC	Red Flag Warning
WWAK61-62 PAFG	“ “
WWAK71-74 PAFC	Non-Precipitation Event Watch/Warning
WWAK71-73 PAFG	“ “
WWAK77 PAJK,PANT PAYA	“ “
WWAK78 PASN	“ “
WWAK81 PAFC	Special Weather Statement
WWAK82-83 PAFC PAFG	“ “
WWAK87 PAJK	Red Flag Warning
WWAK88 PAFC	“ “
WWAK89 PAFG	“ “

Hawaii

Bulletin	Description
ASHW40 PHFO	Hourly Weather Roundup
ASHW60 PHFO	Regional Temperature and Precipitation Summary
ATHW40 PHFO	Hawaiian Islands Satellite Interpretation Message
AWHW80 PHFO	Regional Weather Summary
CDHW40-43 PHFO	Daily Climate Report
CXHW50-53 PHFO	Monthly Climate Report
FGHW50 PHFO	Small Stream Flood Advisory
FGHW70 PHFO	Flood Potential Statement/Outlook
FGPH50 PHFO	Daily River Summary
FLHW40 PHFO	Hazardous Weather Outlook
FNHW40 PHFO	24 Hour Precipitation Forecast
FNHW50 PHFO	Fire Weather Forecast
FOHW50 PHFO	Area/Point Forecast Martices
FPHW40 PHFO	Coded City Forecast
FPHW50 PHFO	Zone Forecast
FPHW60 PHFO	Tabular State Forecast
FPHW70 PHFO	Short Term Forecast
FRPN31 PHFO	Aviation Route Winds/Temperatures/Weather by Zone
FRPZ32 PHFO	Aviation Route Forecast
FXHW60 PHFO	Area Forecast Discussion
FXPA KWBC	Extended Outlook Precipitation Forecast
FZHW51 PHFO	Generalized Coastal Waters Forecast
FZHW60 PHFO	Offshore Forecast
FZHW61 PHFO	Navtex Forecast
NGHW80 PHFO	Hydrological Coordination Message
NOHW40 PHFO	Public Information Statement
NOHW70 PHFO	Administrative Message
NWHW50 PHFO	Local Storm Report
SEHW60 PHFO	Earthquake Report
SEHW70 PHEB	Earthquake Bulletin
SEPA42 PHEB	Earthquake Data (coded)
SRHW40,50 PHFO	Daily Cooperative Reports
SRHW80 PHFO	State Rainfall Summary
SXHW50 PHFO	Other Surface Observations
SXHW70 PHFO	Record Report
WEHW40 PHEB	Tsunami Watch/Warning
WEHW42 PHEB	Tsunami Information Bulletin
WEHW50 PHEB	Tsunami Bulletin
WEPA40,42 PHEB	Tsunami Message/Warning

Bulletin	Description
WFHW50 PHFO	Tornado Warning
WGHW50 PHFO	Flash Flood Warning
WGHW60 PHFO	Flash Flood Watch
WGHW70 PHFO	Flash Flood Statement
WGHW80 PHFO	Flood Statement
WHHW40 PHFO	High Surf Message
WHHW50 PHFO	Special Marine Warning
WSPA01-13 PHFO	Sigmet
WUHW50 PHFO	Severe Thunderstorm Warning
WVPA01-13 PHFO	Volcanic Ash Sigmet
WWHW40 PHFO	Winter Weather Advisory/Watch/Warning
WWHW50 PHFO	Severe Weather Statement
WWHW60 PHFO	Watch County Notification
WWHW70 PHFO	Non-Precipitation Event Watch/Warning
WWHW80 PHFO	Special Weather Statement

Puerto Rico

Bulletin	Description
ASCA42 TJSJ	Hourly Weather Roundup
ASCA62 TJSJ	Regional Temperature and Precipitation Summary
AWCA82 TJSJ	Regional Weather Summary
CDCA42 TJSJ	Daily Climate Report
CSCA01 TJSJ	Monthly Climate Means
CXCA42 TJSJ	Monthly Climate Report/Supplementary Climate Data
CXCA52 TJSJ	Weekly Agricultural Data
FGCA52 TJSJ	SHEF River Forecast
FLCA42 TJSJ	Local Forecast
FNCA52 TJSJ	Fire Weather Forecast
FOCA52 TJSJ	Area/Point Forecast Matrices
FPCA42 TJSJ	Coded City Forecast
FPCA52 TJSJ	Zone Forecast
FPCA62 TJSJ	Tabular State Forecast
FPCA72 TJSJ	Short Term Forecast
FRCA42 TJSJ	Transcribed Weather Briefing
FXCA62 TJSJ	Area Forecast Discussion
FZCA52 TJSJ	Coastal Water Forecast/Marine Weather Statement/Surf Observations and Forecasts
NGCA82 TJSJ	Hydrological Coordinateion Message

Bulletin	Description
NOCA42 TJSJ	Public Information Statement
SECA42 TJSJ	Tsunami Bulletin
SECA62 TJSJ	Earthquake Report
SEXX42 TJSJ	Earthquake Bulletin
SRPU52 TJSJ	Hourly Precipitation Table/Hydrological Observations
SXCA42 TJSJ	Supplementary Data Observation
SXCA72 TJSJ	Record Report
SXVD42 TJSJ	Other Marine Observation
UACA20 TJSJ	Pilot Report
WFCA52 TJSJ	Tornado Warning
WGCA42 TJSJ	Flash Flood Watch/Statement
WGCA52 TJSJ	Flash Flood Warning
WHCA42 TJSJ	Coastal Flood Watch/Warning/Statement/Special Marine Warning
WUCA52 TJSJ	Severe Thunderstorm Warning
WWCA42 TJSJ	Local Storm Report/Severe Local Storm Watch Outline/Severe Weather Statement/Special Weather Statement/Non-Precipitation Event Watch/Warning

Spanish products

Bulletin	Description
ACCA62 TJSJ	Tropical Weather Outlook/Post Storm Hurricane Report
ARCA62 TJSJ	Radar Narrative Summary
AWCA62 TJSJ	Regional Weather Summary
AXCA62 TJSJ	Public Information Statement
FLCA62 TJSJ	Local Forecast
FOCA82 TJSJ	Area/Point Forecast Martices
FPCA62 TJSJ	Zone Forecast
FPCA82 TJSJ	Short Term Forecast/State Forecast/Zone Forecast
FZCA62 TJSJ	Coastal Waters Forecast/Marine Weather Statement
SXCA62 TJSJ	Record Report
WFCA62 TJSJ	Tornado Warning
WGCA52 TJSJ	Flood/Flash Flood Warning
WGCA62 TJSJ	Flood/Flash Flood Watch/Statement
WHCA62 TJSJ	Coastal Flood Watch/Warning/Statement
WUCA62 TJSJ	Severe Thunderstorm Warning
WTCA41-45 TJSJ	Public Tropical Cyclone Advisories
WWCA39 TJSJ	Hurricane Local Statement
WWCA62 TJSJ	Special/Severe Weather Statement/Non-Precipitation Event Watch/Warning

Guam (Mariana Islands)

Bulletin	Description
ASGM40 PGUM	Hourly Weather Roundup
ASGM60 PGUM	Regional Temperature and Precipitation Summary
ATPQ40 PGUM	Satellite Interpretation Message
AWGM80 PGUM	Regional Weather Summary
CDGM40 PGUM	Daily Climate Report
CDKA40 PTKK	Daily Climate Report (Chuuk)
CDKA40 PTKR	Daily Climate Report (Koror)
CDKA40 PTPP	Daily Climate Report (Pohnpei)
CDKA40 PTYA	Daily Climate Report (Yap)
CDMH40 PKMR	Daily Climate Report (Majuro)
CXGM50 PGUM	Monthly Climate Report
CXKA50 PTKK	Monthly Climate Report (Chuuk)
CXKA50 PTKR	Monthly Climate Report (Koror)
CXKA50 PTPP	Monthly Climate Report (Pohnpei)
CXKA50 PTYA	Monthly Climate Report (Yap)
CXMH50 PKMR	Monthly Climate Report (Majuro)
FGMY70 PGUM	Hydrological Forecast
FLKA80 PTPP	Local Forecast (Pohnpei)
FLMY40 PGUM	Hazardous Weather Outlook
FNMY50 PGUM	Fire Weather Forecast
FOMY50 PGUM	Area/Point Forecast Matrices
FOPQ50 PGUM	“ “
FPMY50 PGUM	Zone Forecast
FPMY60 PGUM	Tabular State Forecast
FPMY70 PGUM	Short Term Forecast
FXPQ60 PGUM	Area Synoptic Discussion
FZMY50 PGUM	Surf Zone Forecast
FZMY70 PGUM	Marine Weather Statement/High Surf Advisory
FZPQ50-52 PGUM	Coastal Zone Forecast
NGGM80 PGUM	Hydrological Coordination Message
NOPQ40 PGUM	Public Information Statement
NOPQ50 PGUM	Aviation/Marine Accident Report
NOPQ70 PGUM	Administrative Message
NWMY50 PGUM	Local Storm Report
SEGM60 PGUM	Earthquake Report
SEKA60 PTKK,PTKR PTPP,PTYA	“ “
SEMH60 PKMR	Earthquake Report (Majuro)
SOGM40 PGUM	Tide and Climate Data

Bulletin	Description
SXKA80 PTPP	Surf Observations (Pohnpei)
SXKA80 PTKK	Surf Observations (Chuuk)
SXKA80 PTKR	Surf Observations (Koror)
SXKA80 PTYA	Surf Observations (Yap)
SXMH80 PKMR	Surf Observations (Majuro)
SXMY70 PGUM	Record Report
WHMY40 PGUM	High Surf Message
WHMY50 PGUM	Special Marine Warning
WHPQ40 PGUM	Coastal Hazard Message
WGMY50 PGUM	Flash Flood Warning
WGMY60 PGUM	Flash Flood Watch
WGMY70 PGUM	Flash Flood Advisory/Statement
WGMY80 PGUM	Flood Statement
WVNA31 PGUM	Volcanic Ash Sigmet
WWGM80 PGUM	Aviation Weather Advisory
WWMY60 PGUM	Watch County Notification
WWMY80 PGUM	Special Weather Statement/Red Flag Warning
WWPQ80 PGUM	“ “

American Samoa

Bulletin	Description
ASZS50 NSTU	Daily Temperature and Precipitation Table
CDZS40 NSTU	Daily Climate Report
CXZS40 NSTU	Monthly Climate Report
FLZS40 NSTU	Hazardous Weather Outlook
FOZS50 NSTU	Area/Point Forecast Matrices
FPZS50 NSTU	Zone Forecast
FXPS60 PHFO	Area Forecast Discussion
FZZS50 NSTU	Coastal Waters Forecast/Surf Observations and Forecasts
FZZS70 NSTU	Marine Weather Statement
NGZS80 NSTU	Hydrological Coordination Message
NOZS40 NSTU	Public Information Statement
NWZS50 NSTU	Local Storm Report
SEZS60 NSTU	Earthquake Bulletin
SXZS80 NSTU	Other Marine Observations
WGZS50 NSTU	Flash Flood Warning
WGZS60 NSTU	Flash Flood Watch
WGZS70 NSTU	Flash Flood Statement

Bulletin	Description
WHZS40 NSTU	Coastal Flood Bulletin/Watch/Warning
WHZS50 NSTU	Coastal Hazard Message
WUZS50 NSTU	Severe Thunderstorm Warning
WWZS50 NSTU	Severe Weather Statement
WWZS60 NSTU	Watch County Notification
WWZS70 NSTU	Non-Precipitation Event Watch/Warning
WWZS80 NSTU	Special Weather Statement

Chapter 3

Tropical Weather Products

In addition to the many products available from the Tropical Prediction Center (TPC) in Miami, FL, there are also products from Central Pacific Hurricane Center (CPHC) in Honolulu, HI, the Joint Typhoon Warning Center (JTWC) at Pearl Harbor, HI, and several international meteorological centers. Data types found in this section include: aircraft reconnaissance reports, satellite discussions, and tropical cyclone advisories/outlooks/warnings for the Atlantic, Pacific, and Indian Oceans.

Bulletin	Description
ABNT20 KNHC	Atlantic Tropical Weather Outlook
ABNT30 KNHC	Atlantic Monthly Tropical Weather Summary
ACCA42 TJSJ	Tropical Disturbance Statement/Post Storm Hurricane Report (Puerto Rico)
ACUS71 *	Post Storm Hurricane Report (Northeast Region)
ACUS72 *	Post Storm Hurricane Report (Southeast Region)
ACUS74 *	Post Storm Hurricane Report (South Central Region)
AXNT20 KNHC	Atlantic Tropical Weather Discussion
FKNT21-25 KNHC	Tropical Cyclone ICAO Advisory
FONT11-15 KNHC	Atlantic Tropical Cyclone Forecast Wind Probabilities
FXNT20 KWNC	Atlantic Seasonal Hurricane Outlook
FZNT23 KNHC	Offshore Marine Forecast (SW North Atlantic/Caribbean Sea)
FZNT24 KNHC	Offshore Marine Forecast (Gulf of Mexico)
FZNT25 KNHC	Navtex Marine Forecast (SW North Atlantic/Gulf of Mexico)
FZNT26 KNHC	Navtex Marine Forecast (Caribbean Sea/SW North Atlantic)
FZNT27 KNHC	Navtex Marine Forecast (Gulf of Mexico)
NOUS42 KNHC	Weather Reconnaissance Flights (Plan of the Day)
TCCA21-23 KNHC	Satellite Tropical Disturbance Rainfall Estimates
TPNT KGWC	Atlantic Satellite Weather Bulletin
URNT10 KNHC	Routine Aircraft Reconnaissance Observation
URNT11 KNHC	Tropical Cyclone Aircraft Reconnaissance Observation
URNT12 KNHC	Tropical Cyclone Detailed/Abbreviated Vortex Message
URNT14 KNHC	Supplementary Vortex Message Data
URNT15 KBIX	Tropical Cyclone Aircraft High Density Observations
URNT40 KWBC	Recon Report
UZNT13 KNHC	Aircraft Reconnaissance Dropsonde Observation
UZNT13,15 KWBC	“ “
WCCN02,33,34 CWUL	Tropical Cyclone Sigmet (Eastern Canada)
WCCN31 CWEG	Tropical Cyclone Sigmet (Western Canada)
WCNT01-13 KKCI	Tropical Cyclone Sigmet
WCCU31 MUHA	Tropical Cyclone Sigmet (Cuba)
WCUS01-06 KKCI	Tropical Cyclone Sigmet (CONUS)

Bulletin	Description
WTCU31 MUHA	Tropical Cyclone Advisory (Cuba)
WONT41 KNHC	Atlantic Tropical Disturbance Statement
WTUS81 *	Hurricane Local Statement (Northeast Region)
WTUS82 *	Hurricane Local Statement (Southeast Region)
WTUS84 *	Hurricane Local Statement (South Central Region)
WSCA KNHC	Sigmet
WHCA31 TFFR, TTPP	Tropical Cyclone Warning (Lesser Antilles)
WHXX01 KWBC	NHC North Atlantic Tropical Cyclone Objective Aids
WHXX04 KWBC	NHC GFDL Model Forecast
WOCN31-39 CWHX	Tropical Cyclone Information Statement (Canada)
WTCN31-39 CWHX	Tropical Cyclone Warning (Canada)
WTNT21-25 KNHC	Atlantic Tropical Cyclone Marine Advisory/Forecast
WTNT31-35 KNHC KWNH	Atlantic Tropical Cyclone Public Advisory
WTNT41-45 KNHC	Atlantic Tropical Cyclone Discussion
WTNT51-55 KNHC	Atlantic Tropical Cyclone Position Estimate
WTNT61-65 KNHC	Atlantic Tropical Cyclone Update
WTNT80 EGRR	Tropical Cyclone Guidance (Exeter)
WTNT81-85 KNHC	Tropical Cyclone Watch/Warning Breakpoints
WWCA31 TJSJ	Hurricane Local Statement (Puerto Rico)
WWCN03 CWHF	Tropical Cyclone Advisory (Nova Scotia)
WWCN31-39 CWHX	Tropical Cyclone Watch (Canada)
ABPZ20 KNHC	Eastern Pacific Tropical Weather Outlook
ABPZ30 KNHC	Eastern Pacific Monthly Tropical Weather Summary
AXPZ20 KNHC	Eastern Pacific Tropical Weather Discussion
FKPZ21-25 KNHC	Eastern Pacific Tropical Cyclone ICAO Advisory
FOPZ11-15 KNHC	Eastern Pacific Tropical Cyclone Forecast Wind Probabilities
FXPN30 KWNC	Eastern Pacific Seasonal Hurricane Outlook
TPPZ1 KGWC	Eastern Pacific Satellite Intensity Report
URPN10 KNHC	Routine Aircraft Reconnaissance Observation
URPN11 KNHC	Tropical Cyclone Aircraft Reconnaissance Observation
URPN12 KNHC	Tropical Cyclone Detailed/Abbreviated Vortex Message
URPN14 KNHC	Supplementary Vortex Message Data
URPN15 KBIX	Tropical Cyclone Aircraft High Density Observations
UZPN13 KNHC	Aircraft Reconnaissance Dropsonde Observation
WCAK01-09 PAWU	Tropical Cyclone Sigmet
WCPN01-13 KKCI	" "
WHXX01 KMIA	NHC East Pacific Tropical Cyclone Objective Aids
WOPZ41 KNHC	Eastern Pacific Tropical Disturbance Statement
WTPZ21-25 KNHC	Eastern Pacific Tropical Cyclone Marine Advisory/Forecast
WTPZ31-35 KNHC	Eastern Pacific Tropical Cyclone Public Advisory
WTPZ41-45 KNHC	Eastern Pacific Tropical Cyclone Discussion

Bulletin	Description
WTPZ51-55 KNHC	Eastern Pacific Tropical Cyclone Position Estimate
WTPZ61-65 KNHC	Eastern Pacific Tropical Cyclone Update
ACHW70 PHFO	Post Storm Hurricane Report (Hawaii)
ACPA80 PHFO	Central Pacific Tropical Disturbance Statement
ACPN50 PHFO	Central Pacific Tropical Weather Outlook
ACPN60 PHFO	Central Pacific Monthly Tropical Weather Summary
FKPA21-25 PHFO	Central Pacific Tropical Cyclone ICAO Advisory
FOPA11-15 PHFO	Central Pacific Tropical Cyclone Forecast Wind Probabilities
TXPN40 PHFO	Central Pacific Tropical Cyclone Summary
URPA15 KBIX	Tropical Cyclone Aircraft High Density Observations
WCPA01-13 PHFO	Tropical Cyclone Sigmet
WSPA04 KNHC	Sigmet
WTHW80 PHFO	Hurricane Local Statement (Hawaii)
WTPA21-25 PHFO	Central Pacific Tropical Cyclone Marine Advisory/Forecast
WTPA31-35 PHFO	Central Pacific Tropical Cyclone Public Advisory
WTPA41-45 PHFO	Central Pacific Tropical Cyclone Discussion
WTPA51-55 PHFO	Central Pacific Tropical Cyclone Position Estimate
WTPA61-65 PHFO	Central Pacific Tropical Cyclone Update
ABPW10 PGTW	Western Pacific Tropical Weather Outlook
ACPQ70 PGUM	Post Storm Typhoon Report
NOUS42 PGTW	Western Pacific Recon Plan-of-the-Day
TPPN10 KGWC,PGTW RODN	Western Pacific Satellite Intensity Report
TPPZ1 PGTW	“ “
URPN10 PGTW	Reconnaissance Report
UZPN10 PGTW	“ “
WDPN31-35 PGTW	Western Pacific Tropical Cyclone Discussion
WTPN21-25 PGTW	Western Pacific Tropical Cyclone Formation Alert
WTPN31-35 PGTW	Western Pacific Tropical Cyclone Forecast/Advisory
WTPQ31-35 PGUM	Western Pacific Tropical Cyclone Public Advisory
WTPQ51-55 PGUM	Tropical Cyclone Position Estimate (Guam)
WTPQ81-85 PGUM	Tropical Cyclone Local Statement (Guam)
WWPN20 KNES	Satellite Weather Bulletin (Western Pacific)
ACZS70 NSTU	Post Storm Tropical Cyclone Report (American Samoa)
FKPS01 NFFN	South Pacific Tropical Cyclone ICAO Advisory
TPPS10 KGWC,PGTW	South Pacific Satellite Intensity Report
TPPZ2 KGWC	“ “
TXPS40 PHFO	South Pacific Tropical Cyclone Summary/Fixes
WTPS21-25 PHNC	South Pacific Tropical Cyclone Formation Alert
WTPS31-35 PHNC	South Pacific Tropical Cyclone Forecast/Advisory
WTPS21-25 PGTW	South Pacific Tropical Cyclone Formation Alert
WTPS31-35 PGTW	South Pacific Tropical Cyclone Forecast/Advisory

Bulletin	Description
WTZS81-85 NSTU	Tropical Cyclone Local Statements (American Samoa)
WWPS20 KNES	Satellite Weather Bulletin (Southwest Pacific)
ABIO10 PGTW	Indian Ocean Tropical Weather Outlook
FKAU01,03,05 ADRM	North Indian Ocean Tropical Cyclone ICAO Advisory
FKIN20 VIDP	“ “
FXIO40 EGRR	North Indian Ocean Tropical Cyclone Guidance
TCIO10,11 KWBC	Satellite Tropical Disturbance Summary
TPIO10 PGTW,KGWC	North Indian Ocean Satellite Intensity Report
WTIO21-25 PGTW	North Indian Ocean Tropical Cyclone Formation Alert
WTIO31-35 PGTW	North Indian Ocean Tropical Cyclone Forecast/Advisory
WWIO20 KNES	Satellite Weather Bulletin (North Indian Ocean)
TPXS10 PGTW,KGWC	South Indian Ocean Satellite Intensity Report
WTXS21-25 PGTW	South Indian Ocean Tropical Cyclone Formation Alert
WTXS31-35 PGTW	South Indian Ocean Tropical Cyclone Forecast/Advisory
WWIO21 KNES	Satellite Weather Bulletin (South Indian Ocean)
AXAU01 ADRM	Tropical Cyclone Bulletins (Darwin)
AXAU01 APRF	Tropical Cyclone Fix Bulletin (Australia)
AXAU02 ADRM,ABRF	Tropical Cyclone Bulletin (Australia)
AXAU21 ABRF	Tropical Cyclone Bulletin (Australia)
AXPQ20 RJTD	Tropical Cyclone Best Track Data (Tokyo)
FXPN03 RKSL	Tropical Cyclone Guidance (South Korea)
FXPQ20-21 VHHH	Tropical Cyclone Subjective Forecast (Hong Kong)
FKPQ30-35 RJTD	Tropical Cyclone Advisory for Sigmet (Tokyo)
FXXT03 EGRR	Tropical Cyclone Guidance (Western Pacific)
NWPS01 NFFN	Tropical Cyclone Naming Statement (Southwest Pacific)
TPIO20-21 FMEE	Satellite Tropical Cyclone Advice (Reunion)
TPIO24 APRF	Satellite Weather Bulletin (Perth)
WCAU01 ABRF,ADRM APRF	Tropical Cyclone Sigmet (Australia)
WCCA31 MDSD	Tropical Cyclone Sigmet (Dominican Republic)
WCCA31 TTPP	Tropical Cyclone Sigmet (Trinidad/Tobago)
WCCI35 ZGGG	Tropical Cyclone Sigmet (China)
WCFJ01 NFFN	Tropical Cyclone Sigmet (Fiji)
WCIO01,31 FMMI	Tropical Cyclone Sigmet (Madagascar)
WCJP31 RJAA	Tropical Cyclone Sigmet (Japan)
WCKO31 RKSI	Tropical Cyclone Sigmet (North Korea)
WCMX31 MMEX	Tropical Cyclone Sigmet (Mexico)
WCMX33 MMZT	“ “
WCMX34 MMID	“ “
WCMX35 MMTY	“ “
WCNG01 AGGH,AYPY	Tropical Cyclone Sigmet (Solomon Islands/Papua New Guinea)
WCPN31 RPLL	Tropical Cyclone Sigmet (Philippines)

Bulletin	Description
WCPS31 NZKL	Tropical Cyclone Sigmet (New Zealand)
WCPS31 NFFN	Tropical Cyclone Sigmet (Fiji)
WCNT31 LPMG	Tropical Cyclone Sigmet (Portugal)
WCSA31 SOCA	Tropical Cyclone Sigmet (French Guiana)
WCSS20 VHHH	Tropical Cyclone Sigmet (Hong Kong)
WHAU01,02 ABRF	Hurricane Warning (Brisbane)
WHCI28 BCGZ	Tropical Cyclone Warning (China)
WHIO20 FMEE	Tropical Cyclone Advisory (Reunion)
WHMX51 MMMX	Tropical Cyclone Advisory (Mexico)
WHNC06 NWBB	Hurricane Warning (New Caledonia)
WHNZ41 NZKL	Hurricane Warning (Wellington)
WHPS01-03 NFFN	Hurricane Warning (Fiji)
WHNC01,02 NWBB	Tropical Cyclone Marine Advisory (New Caledonia)
WHNC05 NWBB	Tropical Cyclone Special Public Bulletin (New Caledonia)
WONG20 AYPY	Tropical Cyclone Advisory (Papua New Guinea)
WOPS01 NFFN	Gale Warning (Fiji)
WSAU21 AMMC	Tropical Cyclone Advisory (Perth)
WTAU01 ABRF	Tropical Storm Warning (Brisbane)
WTAU05,06 APRF	Tropical Storm Warning (Perth)
WTAU03 ADRM	Tropical Storm Warning (Darwin)
WTAU07 APRF	Tropical Cyclone High Seas Warning (Perth)
WTAU10 ADRM	Tropical Cyclone Bulletin (Darwin)
WTBW20 VGDC	Tropical Cyclone Warning (Bangladesh)
WTIN20 DEMS	Tropical Weather Outlook (New Delhi)
WTIO21,24 FMEE	Tropical Cyclone Warning (Reunion)
WTIO30-31 FMEE	Tropical Cyclone Forecast Bulletin (Reunion)
WTJP22,32 RJTD	Tropical Cyclone Warning (Tokyo)
WTKN20 HKNC	Tropical Cyclone Bulletin (Kenya)
WTKO20 RKSL	Tropical Cyclone Advisory (South Korea)
WTMA20 FIMP	Tropical Cyclone Advisory (Mauritius)
WTMG20 FMMD,FMMI	Tropical Cyclone Bulletin (Madagascar)
WTNC01,02 NWBB	Tropical Cyclone Special Marine Advisory (New Caledonia)
WTNC06 NWBB	Tropical Cyclone Warning (New Caledonia)
WTNC05 NWBB	Tropical Cyclone Special Public Bulletin (New Caledonia)
WTNG01 AYPY	Gale Warning (Papua New Guinea)
WTPH RPLL	Tropical Cyclone Warning (Manila)
WTPH20 RPMM	“ “
WTPH31 RPLL	Typhoon Warning (Manila)
WTPQ20 BABJ	Tropical Cyclone Subjective Forecast (China)
WTPQ20-25 RJTD	Tropical Cyclone Advisory (Tokyo)
WTPQ20 VHHH	Tropical Cyclone Advisory (Hong Kong)

Bulletin	Description
WTPQ30-35 RJTD	Tropical Cyclone Prognostic Reasoning (Tokyo)
WTPQ60 BCGZ	Tropical Cyclone Warning (China)
WTPS01-03 NFFN	Tropical Storm Warning (Fiji)
WTPS11-13 NFFN	Tropical Disturbance Advisory (Fiji)
WTSR20 WSSS	Tropical Cyclone Storm Warning (Singapore)
WTTH20 VTBB	Tropical Cyclone Warning (Thailand)
WWFJ40 NFFN	Tropical Cyclone Special Weather Bulletin (Fiji)
WWFW40 NFFN	Tropical Cyclone Special Weather Bulletin (Wallis/Futuna)
WWIN40 DEMS	Tropical Weather Discussion (New Delhi)
WWKU41 NFFN	Tropical Cyclone Special Weather Bulletin (Cook Islands)
WWJP20 RJTD	Tropical and Extratropical Cyclone Warning and Summary (Tokyo)
WWJP21 RJTD	Tropical Cyclone Emergency Warning (Tokyo)
WWNC01,02 NWBB	Tropical Cyclone Special Marine Bulletin (New Caledonia)
WWNC05 NWBB	Tropical Cyclone Special Public Bulletin (New Caledonia)
WWNC06 NWBB	Tropical Cyclone Advisory (New Caledonia)
WWNV40 NFFN	Special Weather Bulletin (Vanuatu)
WWPS21 NFFN	Tropical Disturbance Summary (Fiji)
WWPS22 ABRF	Tropical Cyclone Warning (South Pacific)
WWTO40 NFFN	Special Weather Bulletin (Tonga)
WWZM40 NFFN	Special Weather Bulletin (Samoa)

Chapter 4

Canadian Products

Canada issues many bulletins over NOAAPort. In addition to a fairly dense network of surface observations, plain language forecasts, discussions, watches, and warnings, much like the U.S., are available. Data types found in this section include: aviation area forecasts, buoy/ship reports, NAM, NGM, and GFS model guidance, marine statements, national weather summaries/discussions, provincial forecasts, severe weather bulletins, surface observations/terminal forecasts, and upper air observations.

Bulletin	Description
ABCN01 KWBC	National Temperature and Precipitation Table
ACCN10 CWTO	Convective Weather Forecast
AWCN11 CWTO,CWWG	Special Weather Summary
AWCN15 CWHX	Special Storm Summary
AWCN40 CWUL	Special Weather Summary
CSCN01 CWAQ	Monthly Climate Means
CSCN03 CWVR	" "
CUCN01-11 CWAQ	" "
FBCN31,33,35 KWNO	6, 12, and 24 Hour Wind and Temperature Forecast
FECN21 KWNO	GFS MOS Extended Guidance
FCCN41-57 CWAQ	Short Term Terminal Forecasts
FDCN1-3 KWBC	6, 12, and 24 Hour Wind and Temperature Forecast
FDCN1-3 CWAQ	6, 12, and 24 Hour Wind and Temperature Forecast
FICN05,07 CWIS	Ice Hazard Bulletin
FICN11 CWIS	Iceberg Bulletin
FLCN40 CWEG	Ventilation Index Forecast
FLCN39,40 CWVR	Ozone Forecast
FLCN41 CWUL	Air Quality Forecast
FMCN31-38 CWAQ	City Temperature Forecasts
FMCN41-48 CWAQ	Forecast Temperatures
FOCN20 KWNO	GFS MOS Guidance
FOCN45 CWWG	Significant Weather Discussion
FOCN74-76 KWNO	NGM Numerical Output
FOUS74-76 KWNO	NAM Numerical Output
FPCN10 CWHF	Forecast for Halifax Harbor
FPCN11 CWHX,CWNT CWTO,CWUL CWVR,CWWG CYQQ,CYXY	Two Day Forecast
FPCN12 CWAQ	Urban Forecasts
FPCN12 CWHX,CWNT CWTO,CWVR CWWG,CYXY	Two Day Forecast

Bulletin	Description
FPCN13 CWHX,CWNT CWTO,CWVR CWWG	Two Day Forecast
FPCN14 CWHX,CWNT CWVR,CWWG	" "
FPCN15 CWHX,CWNT CWVR,CWWG	" "
FPCN16 CWHX,CWNT CWVR	" "
FPCN17 CWHX,CWVR CWWG	" "
FPCN18 CWUL,CWVR	" "
FPCN19 CWVR	" "
FPCN20 CWNT,CWTO CWUL,CWVR CWWG	Marine Forecast
FPCN20,21CWHX	Marine Synopsis
FPCN21 CWNT	Marine Forecast
FPCN22 CWHX,CWNT	" "
FPCN23,24 CWHX	" "
FPCN24,25 CWNT	" "
FPCN26 CWHX	" "
FPCN27,28 CWHX,CWNT	" "
FPCN30 CWNT	Summary Forecast
FPCN41,42 CWUL	Farm Weather Forecast (French)
FPCN48 CWAQ	Forecast Ultraviolet Indices for Selected Cities
FPCN50 CWAQ	Monthly Temperature Outlook
FPCN51 CWHX	Extended Forecast
FPCN51-53 CWNT,CWWG	" "
FPCN52 CWVR	" "
FPCN53 CWHX	" "
FPCN54 CWHX,CWNT CWUL,CWVR CWWG,CYXY	" "
FPCN55 CWHX,CWUL	Extended Forecast (French)
FPCN56 CWHX,CWNT CWVR	Extended Forecast
FPCN57 CWHX	" "
FPCN58 CWVR	" "
FPCN60 CWTO	City Forecasts (Ontario)
FPCN68,69 CWVR	Roads Forecast
FTCN31-34 CWAQ	Terminal Forecasts
FUCN31-32 KGWC	Effective Downwind Fallout Message
FVCN01-04 CWAQ	Volcanic Ash Advisory Statement

Bulletin	Description
FXCN01 CWA0	National Weather and Extended Forecast Discussion/Operational Model Run Status
FXCN01 CWHF	Eastern Canada Weather Analysis and Forecast Discussion
FXCN02 CYZX	Gagetown Range Weather Data
FXCN21-23 CWA0	National Ultraviolet Index Forecast
NOCN01,03,04 CWA0	General Notice to Users
SACN31 CWA0	Metar Observations
SACN40-49,51-52 CWA0	" "
SICN01-09 CWA0	Intermediate Synoptic Observations
SMCN01-09,20-28 CWA0	Synoptic Observations
SMVD01 CWVR	Ship Reports
SNVD01 CWTO,CWUL	" "
SNVD03 CWEG	" "
SIVD17 CWHX,CWTO,CWVR	Buoy Reports
SMVD17 CWHX,CWTO,CWVR	" "
SNVD04 CWEG	" "
SNVD17 CWEG,CWHX,CWTO CWUL,CWVR	" "
SPCN31,41-52 CWA0	Special Metar Observations
SSVX02,04 CWEG	Drifting Buoy Reports
SXCN1,2 CWVR	Western Canada/U.S. 6 Hr Temperature & Precipitation Summary
SXCN3 CWAQ	Coast Guard Report
SXCN06 CWHX	" "
SXCN24-26 CWVR	" "
SXCN34 CWVR	Western Canada/U.S. 24 Hr Temperature and Precipitation Summary
SXCN48 CWTO	Lake Winnipeg Observations
SXCN50 CWEG,CWVR	Buoy Reports
UACN01,10 *	Pilot Report
UACN21 CYEG	" "
UANT20 CWEG	Pilot Report (Western North Atlantic)
UANT99 CWA0	" "
UECN01-06 CWA0	Upper Air Sounding Data
UKCN01-06 CWA0	" "
ULCN01-06 CWA0	" "
USCN01-06 CWA0	" "
UXCN40-48 CWTO	" "
WACN31,32,35-37 CWEG	Airmet
WACN32 CWTO	" "
WACN33,34 CWUL	" "
WACN36 CWEG,CWUL	" "
WBCN07 CWVR	Coastal Observations
WFCN10 CWUL	Tornado Warning

Bulletin	Description
WFCN11 CWWG	" "
WFCN13 CWHX,CWTO,CWVR CWWG	" "
WFCN14,16,17 CWHX	" "
WFCN15,16 CWWG	" "
WFCN19 CWVR	" "
WFCN20 CWTO	" "
WHCN21 CWHX	Storm Surge Warning
WLCN11 CWTO	Smog Warning
WLCN41 CWUL	Air Quality and Health Advisory
WOCN10 CWUL	Special Weather Statement
WOCN11 CWEG,CWHX CWVR	Weather Advisory
WOCN12 CWWG	Special Weather Statement
WOCN13 CWTO,CWVR CWWG	" "
WOCN14-17 CWHX	" "
WOCN15,16 CWWG	" "
WOCN19 CWVR	" "
WSCN02 CWUL	Sigmet
WSCN31 CWEG,CWUL,CWVR	" "
WSCN32 CWEG	" "
WSCN33,34 CWUL	" "
WSCN35 CWEG,CWWG	" "
WSCN36 CWEG,CWUL	" "
WSCN37 CWEG	" "
WUCN10 CWUL	Severe Thunderstorm Warning
WUCN11 CWEG,CWVR CWWG	" "
WUCN13 CWTO,CWVR CWWG	" "
WUCN14 CWHX	" "
WUCN15,16 CWHX,CWWG	" "
WUCN17 CWHX	" "
WUCN19 CWVR	" "
WUCN20 CWTO	" "
WVCN02 CWUL	Volcanic Ash Sigmet
WVCN31,33,34,36 CWUL	" "
WVCN31-33,35-37 CWEG	" "
WWCN01-03 CYQQ	Weather Warning
WWCN01,03 CYZX	" "
WWCN02 CYOD,CYYR,CYZX	" "
WWCN02 CWHF,CYTR	Thunderstorm Warning

Bulletin	Description
WWCN03 CYBG,CYQQ,CYTR	" "
WWCN10 CWUL	Weather Watch/Warning
WWCN11 CWHX,CWVR CWWG	" "
WWCN12 CWWG	" "
WWCN13 CWVR	" "
WWCN13,14 CWHX,CWWG	" "
WWCN15 CWHX,CWUL CWWG	" "
WWCN16 CWHX,CWWG	" "
WWCN17 CWHX	" "
WWCN19 CWVR	" "
WWCN20 CWTO,CWVR CWWG	Marine Warning
WWCN21 CWTO	Weather Watch/Warning
WWCN22 CWHX,CWUL	" "
WWCN51 CWTO	Severe Thunderstorm Warning

Canadian Meteorological Centers

Code	Center	Code	Center
CWEG	Edmonton, ALB	CWUL	Montreal, QUE
CWHX	Dartmouth, NS	CWVR	Vancouver, BC
CWTO	Toronto, ONT	CWWG	Winnipeg, MAN

Chapter 5

International Products

International products primarily consist of synoptic reports, metar observations, and terminal forecasts. Data types found in this section include: aviation area forecasts, buoy/ship reports, climate data, surface observations, terminal forecasts, upper air observations, and volcanic ash statements/advisories.

Bulletin	Description
ASXX21 EGRR	European Frontal Positions (coded)
CAXX10 KWBC	Monthly World Principal Precipitation Anomalies
CAXX11 KWBC	Monthly World Principal Temperature Anomalies
CSAA01 EUMS,SAWB STAF	Monthly Climate Means (Antarctica)
CSAA10 RUML	“ “
CSAG01-03 SABM	Monthly Climate Means (Argentina)
CSAL01,20 DAMM	Monthly Climate Means (Algeria)
CSAM01,20,21 FCBB	Monthly Climate Means (Congo)
CSAO01,02,20-22 GOOY	Monthly Climate Means (Senegal)
CSAP01 FAPR	Monthly Climate Means (South Africa)
CSAR10 OEJD	Monthly Climate Means (Saudi Arabia)
CSBA01 MYNN	Monthly Climate Means (Bahamas)
CSBH01 MZBZ	Monthly Climate Means (Belize)
CSBM01 VBRR	Monthly Climate Means (Myanmar)
CSBN10 OBBI	Monthly Climate Means (Bahrain)
CSBO01 SLLP	Monthly Climate Means (Bolivia)
CSBU01 LZSO	Monthly Climate Means (Bulgaria)
CSBX01 EBBR	Monthly Climate Means (Belgium)
CSBY01 UMMN	Monthly Climate Means (Former Soviet Union)
CSCA01 MHTG	Monthly Climate Means (Honduras)
CSCA01 MZBZ	Monthly Climate Means (Belize)
CSCA01 TNCC	Monthly Climate Means (Caribbean)
CSCA1 MDSD	Monthly Climate Means (Dominican Republic)
CSCA1 MROC	Monthly Climate Means (Costa Rica)
CSCA1 TNCC	Monthly Climate Means (Caribbean)
CSCH01 SCSC	Monthly Climate Means (Chile)
CSCI01,02 BABJ	Monthly Climate Means (China)
CSCO01 SKBO	Monthly Climate Means (Colombia)
CSCR01 GCLP	Monthly Climate Means (Canary Islands)
CSCY01 LCLK	Monthly Climate Means (Cyprus)
CSDL01 EDZW	Monthly Climate Means (Germany)
CSDN01 EKMI	Monthly Climate Means (Denmark)

Bulletin	Description
CSDR01 MDSD	Monthly Climate Means (Dominican Republic)
CSEG01 HECA	Monthly Climate Means (Egypt)
CSER10 OMAA	Monthly Climate Means (United Arab Emirates)
CSET01 HAAB	Monthly Climate Means (Ethiopia)
CSFA01 EKMI	Monthly Climate Means (Faeroe Islands)
CSFG01 SOCA	Monthly Climate Means (French Guiana)
CSFI01 EFKL	Monthly Climate Means (Finland)
CSFR01-04 LFPW	Monthly Climate Means (France)
CSGI01 EGRR	Monthly Climate Means (Gibraltar)
CSGL01 EKMI	Monthly Climate Means (Greenland)
CSGR01 LGAT	Monthly Climate Means (Greece)
CSGY01 SYCJ	Monthly Climate Means (Guyana)
CSHK01 VHHH	Monthly Climate Means (Hong Kong)
CSHU01 HABP	Monthly Climate Means (Hungary)
CSID01 WIIX	Monthly Climate Means (Indonesia)
CSIE01 EIDB	Monthly Climate Means (Ireland)
CSIL1 BIRK	Monthly Climate Means (Iceland)
CSIN01,02 DEMS	Monthly Climate Means (India)
CSIS01 LLBD	Monthly Climate Means (Israel)
CSJD01 OJAM	Monthly Climate Means (Jordan)
CSJM01,1 MKJP	Monthly Climate Means (Jamaica)
CSJM01 MKJS	“ “
CSJP01-07 RJTD	Monthly Climate Means (Japan)
CSKN01 HKNC	Monthly Climate Means (Kenya)
CSKO01 RKSL	Monthly Climate Means (South Korea)
CSKR01 DKPY	Monthly Climate Means (North Korea)
CSKU01 NCRG	Monthly Climate Means (Cook Islands)
CSKW01 OKBK	Monthly Climate Means (Kuwait)
CSKZ10 UAAA	Monthly Climate Means (Former Soviet Union)
CSLA01 VLIV	Monthly Climate Means (Laos)
CSLY01 HLLT	Monthly Climate Means (Libya)
CSMA01 FIMP	Monthly Climate Means (Mauritius)
CSMC01 GMMC	Monthly Climate Means (Morocco)
CSMG01 FMMI	Monthly Climate Means (Madagascar)
CSMH1 PKWA	Monthly Climate Means (Kwajalein)
CSML01 LMMM	Monthly Climate Means (Malta)
CSMO01 MNUB	Monthly Climate Means (Mongolia)
CSMR01 TFFF	Monthly Climate Means (Martinique)
CSMS01 WMKK	Monthly Climate Means (Malaysia)
CSMU01 VHHH	Monthly Climate Means (Macao)
CSMX MXBA	Monthly Climate Means (Mexico)

Bulletin	Description
CSNC01 NWBB	Monthly Climate Means (New Caledonia)
CSNK01 MNMG	Monthly Climate Means (Nicaragua)
CSNL01 EHDB	Monthly Climate Means (Netherlands)
CSNO11 ENMI	Monthly Climate Means (Norway)
CSNP01 VNKT	Monthly Climate Means (Nepal)
CSNZ01 NZKL	Monthly Climate Means (New Zealand)
CSOC01 AMMC	Monthly Climate Means (Australia/Papua New Guinea)
CSOM10 OOMS	Monthly Climate Means (Oman)
CSOS01 LOWM	Monthly Climate Means (Austria)
CSPF01 NTAA	Monthly Climate Means (French Polynesia)
CSPH01 RPMM	Monthly Climate Means (Philippines)
CSPK01 OPKC	Monthly Climate Means (Pakistan)
CSPL01 SOWR	Monthly Climate Means (Poland)
CSPO01 LPMG	Monthly Climate Means (Portugal)
CSPS01 NFFN	Monthly Climate Means (South Pacific Islands)
CSPY01 SGAS	Monthly Climate Means (Paraguay)
CSQT10 OTBD	Monthly Climate Means (Qatar)
CSRA10 RUHB,RUNW	Monthly Climate Means (Former Soviet Union)
CSRA40-42 PTRP	“ “
CSRE01,15 FMEE	Monthly Climate Means (Reunion)
CSRO01 YRBK	Monthly Climate Means (Romania)
CSRS10 RUMS	Monthly Climate Means (Former Soviet Union)
CSRW01 HRYR	Monthly Climate Means (Rwanda)
CSSB01 VCCC	Monthly Climate Means (Sri Lanka)
CSSC01 FSIA	Monthly Climate Means (Seychelles Islands)
CSSD10 OEJD	Monthly Climate Means (Saudi Arabia)
CSSN01 ESWI	Monthly Climate Means (Sweden)
CSSP01-03 LEMM	Monthly Climate Means (Spain)
CSSR01 WSSS	Monthly Climate Means (Singapore)
CSSU01 HSSS	Monthly Climate Means (Sudan)
CSSW01 LSSW	Monthly Climate Means (Sweden)
CSSY01 OSDI	Monthly Climate Means (Syria)
CSTD01 TTPP	Monthly Climate Means (Trinidad /Tobago)
CSTH01 VTBB	Monthly Climate Means (Thailand)
CSTN01 HTDA	Monthly Climate Means (Tanzania)
CSTR10 UTAA	Monthly Climate Means (Former Soviet Union)
CSTS01 DTTA	Monthly Climate Means (Tunisia)
CSTU10 LTAA	Monthly Climate Means (Turkey)
CSUK01,02 EGRR	Monthly Climate Means (United Kingdom)
CSUR10 UKMS	Monthly Climate Means (Former Soviet Union)
CSUY01 SUMU	Monthly Climate Means (Uruguay)

Bulletin	Description
CSUZ10 UTTW	Monthly Climate Means (Former Soviet Union)
CSYG01 LYBM	Monthly Climate Means (Yugoslavia)
CSZB01 FLLS	Monthly Climate Means (Zambia)
CSZW01 FVHA	Monthly Climate Means (Zimbabwe)
CUAA01 SAWB	Monthly Climate Means (Antarctica)
CUAM01 FCBB	Monthly Climate Means (Congo)
CUAM01 GOOY	Monthly Climate Means (Senegal)
CUAR10 OEJD	Monthly Climate Means (Saudi Arabia)
CUBD01 WBSB	Monthly Climate Means (Brunei)
CUBH01 MZBZ	Monthly Climate Means (Belize)
CUBX01 EBBR	Monthly Climate Means (Belgium)
CUBY01 UMMN	Monthly Climate Means (Former Soviet Union)
CUNZ02 SBBR	Monthly Climate Means (Brazil)
CUCI01,02 BABJ	Monthly Climate Means (China)
CUFA01 EKMI	Monthly Climate Means (Denmark)
CUFJ01 NFFN	Monthly Climate Means (Fiji Islands)
CUGI01 EGRR	Monthly Climate Means (Gibraltar)
CUGL02 BGSF	Monthly Climate Means (Greenland)
CUHU01 HABP	Monthly Climate Means (Hungary)
CUID01 WIIX	Monthly Climate Means (Indonesia)
CUMF01 TFFR	Monthly Climate Means (Guadeloupe)
CUMN01 TNCM	Monthly Climate Means (St Maarten)
CUMS01,02 WMKK	Monthly Climate Means (Malaysia)
CUMX01 MXBA	Monthly Climate Means (Mexico)
CUNC01 NWBB	Monthly Climate Means (New Caledonia)
CUNL01 EHDB	Monthly Climate Means (Netherlands)
CUNU01 TNCC	Monthly Climate Means (Curacao)
CUPF01-05 NTAA	Monthly Climate Means (French Polynesia)
CUPH01 RPMM	Monthly Climate Means (Philippines)
CUPK01 OPKC	Monthly Climate Means (Pakistan)
CUPL01 SOWR	Monthly Climate Means (Poland)
CUP01 LPMG	Monthly Climate Means (Portugal)
CUPR01 SPIM	Monthly Climate Means (Peru)
CUNZ01 NZKL	Monthly Climate Means (New Zealand)
CURA02,10 RUHB	Monthly Climate Means (Former Soviet Union)
CURA10 RUNW	“ “
CURE01,03 FMEE	Monthly Climate Means (Reuion)
CURO01 YRBK	Monthly Climate Means (Romania)
CURS10 RUMS	Monthly Climate Means (Former Soviet Union)
CUSC01 FSIA	Monthly Climate Means (Seychelles Islands)
CUSR01 WSSS	Monthly Climate Means (Singapore)

Bulletin	Description
CUTD01 TTPP	Monthly Climate Means (Trinidad/Tobago)
CUTV01 NGFU	Monthly Climate Means (Tuvalu)
CUUZ10 UTTW	Monthly Climate Means (Former Soviet Union)
CUZA01 FAPR	Monthly Climate Means (South Africa)
FAAT31 TAPA	Area Forecast (Antigua)
FAAG01,02 SABM	Aviation Area Forecast (Argentina)
FAAS30 RJTD	Aviation Area Forecast (Western Pacific/Eastern Asia)
FABA31 MYNN	Aviation Area Forecast (Bahamas)
FABZ SBBE,SBBR	Aviation Area Forecast (Brazil)
FABZ01 SBBR	“ “
FABZ18 SBGR	“ “
FABZ19 SBBE	“ “
FABZ20 SBBE,SBBR SBEG,SBMU SBRE	“ “
FABZ21 SBRE,SBRF	“ “
FABZ22 SBBE,SBBS	“ “
FABZ23 SBGL	“ “
FABZ24 SBBE,SBPA	“ “
FABO SLLP	Aviation Area Forecast (Bolivia)
FACO SKBO	Aviation Area Forecast (Colombia)
FAFJ40 NFFN	Aviation Area Forecast (Fiji)
FAKB40 NFFN	Aviation Area Forecast (Kiribati)
FAKN20 HKNC	Aviation Area Forecast (Kenya)
FAKU40 NFFN	Aviation Area Forecast (Northern Cook Islands)
FAKU41 NFFN	Aviation Area Forecast (Southern Cook Islands)
FAMX21,22 MMMX	Aviation Area Forecast (Mexico)
FANT21 EGRR	Aviation Area Forecast (Eastern North Atlantic)
FANV40 NVVV	Aviation Area Forecast (Vanuatu)
FAPM31 MPTO	Aviation Area Forecast (Panama)
FASA31 TTPP	Aviation Area Forecast (Trinidad/Tobago)
FASD80 OEJD	Aviation Area Forecast (Saudi Arabia)
FATO40 NFFN	Aviation Area Forecast (Tonga)
FAZM40 NFFN	Aviation Area Forecast (Samoa)
FBAG20 SABM	24 Hour Wind and Temperature Forecast (South America)
FBAS21-24 KWBC	18 and 24 Hour Wind and Temperature Forecast (Asia)
FBSA21-24 KWBC	18 and 24 Hour Wind and Temperature Forecast (South America)
FCAF35,36 KWBC	Short Term Terminal Forecasts (Africa)
FCAL31 KWBC	Short Term Terminal Forecasts (Algeria)
FCAU31 KWBC	Short Term Terminal Forecasts (Australia)
FCAU68 AMMC	“ “
FCAW34 KWBC	Short Term Terminal Forecasts (Former Soviet Union)

Bulletin	Description
FCBX31 KWBC	Short Term Terminal Forecasts (Belgium)
FCCY31 LCLK	Short Term Terminal Forecasts (Cyprus)
FCDL31,32 KWBC	Short Term Terminal Forecasts (Germany)
FCDL31-33 EDZO	“ “
FCDN31 KWBC	Short Term Terminal Forecasts (Denmark)
FCEE31,32 KWBC	Short Term Terminal Forecasts (Eastern Europe)
FCEE32 LOWM	“ “
FCEM31 KWBC	“ “
FCEM31 LHBM	Short Term Terminal Forecasts (Bulgaria/Hungary/Romania)
FCEN31 KWBC	Short Term Terminal Forecasts (Northern Europe)
FCFR31,32,41 KWBC	Short Term Terminal Forecasts (France)
FCGL41-43 BGSF	Short Term Terminal Forecasts (Greenland)
FCID31 KWBC	Short Term Terminal Forecasts (Indonesia)
FCIY31,32,41-43 KWBC	Short Term Terminal Forecasts (Italy)
FCIY32 LIIB	“ “
FCJP31 KWBC	Short Term Terminal Forecasts (Japan)
FCMM31 KWBC	Short Term Terminal Forecasts (Malta)
FCMZ31 FQMA	Short Term Terminal Forecasts (Mozambique)
FCNC20 NWCC	Short Term Terminal Forecasts (New Caledonia)
FCNL31 KWBC	Short Term Terminal Forecasts (Netherlands)
FCNM40 FYWW	Short Term Terminal Forecasts (Namibia)
FCNO41-42 KWBC	Short Term Terminal Forecasts (Norway)
FCNT31 KWBC	Short Term Terminal Forecasts (Bermuda)
FCPA32 KWBC	Short Term Terminal Forecasts (South Pacific)
FCRA31 KWBC	Short Term Terminal Forecasts (Former Soviet Union)
FCSN31 KWBC	Short Term Terminal Forecasts (Sweden)
FCSP31 KWBC	Short Term Terminal Forecasts (Spain)
FCSW31 KWBC	Short Term Terminal Forecasts (Switzerland)
FCTS31 KWBC	Short Term Terminal Forecasts (Tunisia)
FCUK41,42 KWBC	Short Term Terminal Forecasts (United Kingdom)
FCPS31 NFFN	Short Term Terminal Forecasts (South Pacific Islands)
FCUK31-33 EGGY	Short Term Terminal Forecasts (United Kingdom)
FCYG31 LYBE	Short Term Terminal Forecasts (Yugoslavia)
FCZW40 FVHA	Short Term Terminal Forecasts (Zimbabwe)
FJXN01 EDZW	Stratosphere Alert Message (Germany)
FJXN20 RJTD	Stratalert (Tokyo)
FPAU01,02 AMMC	Four Day Forecast (Australia)
FPAU22 AMRF	Local Forecast (Australia)
FPBA31 MYNN	Local Forecast (Bahamas)
FPFJ40 NFFN	Local Forecast (Fiji Islands)
PPFW40 NFFN	Local Forecast (Wallis and Futura)

Bulletin	Description
FPHK20 VHHH	Local Forecast (Hong Kong)
FPKB40 NFFN	Local Forecast (Kiribait and Banaba)
FPKU40 NFFN	Local Forecast (Cook Islands)
FPMS20 WMKK	Local Forecast (Malaysia)
FPNE40 NFFN	Local Forecast (Niue Island)
FPNT80 EGRR	Marine Forecast (United Kingdom)
FPNW40 NFFN	Local Forecast (Naru Island)
FPSR01 WSSS	Three Day Forecast (Singapore)
FPSR21 WSSS	Local Forecast (Singapore)
FPTK40 NFFN	Local Forecast (Tokelau)
FPTO40 NFFN	Local Forecast (Tonga)
FPTH20 VTBB	Local Forecast (Thailand)
FPTV40 NFFN	Local Forecast (Tuvalu)
FPUK71 EGRR	Shipping Forecast (United Kingdom)
FPZA01 FAPR	Five Day Forecast (South Africa)
FPZM60 NSAP	Local Forecast (Samoa)
FPZW40 FVHA	Local Forecast (Zimbabwe)
FQAU20 ABRF	High Seas Forecast (Brisbane)
FQAU21 ADRM	High Seas Forecast (Darwin)
FQAU22 AMRF	High Seas Forecast (Melbourne)
FQAU23 APRF	High Seas Forecast (Perth)
FQFJ40 NFFN	Marine Weather Bulletin (Fiji)
FQIN01 DEMS	Shipping Bulletin (North Indian Ocean)
FQKN20 HKNC	Marine Weather Bulletin (Kenya)
FQMQ50,52 LFPW	Marine Weather Bulletin (France)
FQNC40 NWBB	Marine Weather Bulletin (New Caledonia)
FQNG20 AYPY	Ocean Forecast (Papua New Guinea)
FQNT21 EGRR	High Seas Forecast (Bracknell)
FQNT50,52 LFPW	Marine Weather Bulletin (France)
FQPS01 NFFN	Marine Weather Bulletin (South Pacific Islands)
FQPS45 NZKL	Marine Weather Bulletin (South Pacific)
FQSD20 OEJD	Marine Weather Bulletin (Red Sea/Gulf of Aden)
FQSD21 OEJD	Marine Weather Bulletin (Arabian Gulf/Gulf of Oman)
FQST01,02 SBBR	Weather and Sea Bulletin (Brazil)
FQZA31 FAPR	Shipping Weather Forecast (South Africa)
FTAE31,32 WSSS	Terminal Forecasts (Eastern Asia)
FTAF31 KWBC	Terminal Forecasts (West Africa)
FTAO31 DIAP	“ “
FTAG SAEZ,SAME	Terminal Forecasts (Argentina)
FTAM31 FCBB	Terminal Forecasts (Central Africa)
FTAS33 KWBC,VABB	Terminal Forecasts (Southern Asia)

Bulletin	Description
FTAT31 TAPA	Terminal Forecasts (Antigua)
FTAU31 AMMC	Terminal Forecasts (Australia)
FTAW32 KWBC	Terminal Forecasts (Middle East)
FTAW33 LOWM	Terminal Forecasts (Western Asia)
FTAZ LPLA	Terminal Forecasts (Azores)
FTAZ31 LPPT	“ “
FTBA31 MYGF,MYNN	Terminal Forecasts (Bahamas)
FTBE31 TXKF	Terminal Forecasts (Bermuda)
FTBH31 MZBZ	Terminal Forecasts (Belize)
FTBO SLLP	Terminal Forecasts (Bolivia)
FTBX31 EBBR,ELLX	Terminal Forecasts (Belgium/Luxembourg)
FTBZ SBBE,SBBR SBEG,SBGL SBPA	Terminal Forecasts (Brazil)
FTCA1 MSLP	Terminal Forecasts (El Salvador)
FTCA31 TTPP	Terminal Forecasts (Caribbean)
FTCA31 MHTG	Terminal Forecasts (Honduras)
FTCH SCSC	Terminal Forecasts (Chile)
FTCI31 RCTP	Terminal Forecasts (Taiwan)
FTCI31 ZBBB	Terminal Forecasts (China)
FTCI51 RJTD	“ “
FTCO SKBO	Terminal Forecasts (Colombia)
FTCS31 MROC	Terminal Forecasts (Costa Rica)
FTCU31 MUGM	Terminal Forecasts (Cuba)
FTCV20 GVAC	Terminal Forecasts (Cape Verde)
FTCY31 LCLK	Terminal Forecasts (Cyprus)
FTDL31-33 EDZO	Terminal Forecasts (Germany)
FTDR31 MDSD	Terminal Forecasts (Dominican Republic)
FTEE31,32 LOWM	Terminal Forecasts (Eastern Europe)
FTEG31 HECA	Terminal Forecasts (Egypt)
FTEM31 KWBC	Terminal Forecasts (Central Europe)
FTEN31 EKCH	Terminal Forecasts (Denmark)
FTEN32 EKCH	Terminal Forecasts (Norway)
FTEQ SEQU	Terminal Forecasts (Ecuador)
FTEW LEMD	Terminal Forecasts (Spain)
FTEW31,32,40 LEMM	“ “
FTFG20 SOCA	Terminal Forecasts (French Guiana)
FTFI41 EHFK	Terminal Forecasts (Finland)
FTFR31 LFLF	Terminal Forecasts (France)
FTGI EGRR	Terminal Forecasts (Gibraltar)
FTGL41 BGSF	Terminal Forecasts (Greenland)
FTGR55 LGAT	Terminal Forecasts (Greece)

Bulletin	Description
FTGU31 MGGT	Terminal Forecasts (Guatemala)
FTGY31 SYCJ	Terminal Forecasts (Guyana)
FTHK31 VHHH	Terminal Forecasts (Hong Kong/Philippines/Taiwan)
FTHO31 MHTG	Terminal Forecasts (Honduras)
FTID20 WIIH,WIII	Terminal Forecasts (Indonesia)
FTIE31 EIDB	Terminal Forecasts (Ireland)
FTIL31 BICC	Terminal Forecasts (Iceland)
FTIO31 FDJG	Terminal Forecasts (Indian Ocean Area)
FTIS31 LLBG	Terminal Forecasts (Israel)
FTIY LIRA	Terminal Forecasts (Italy)
FTIY31 LIIB	“ “
FTJM31 MKJP	Terminal Forecasts (Grand Cayman/Jamaica)
FTJP05 PHWR	Terminal Forecasts (Japan)
FTJP30-32 RJTD	“ “
FTKO31 RKSS	Terminal Forecasts (South Korea)
FTKO31 RJTD	“ “
FTKW21 OKBK	Terminal Forecasts (Kuwait)
FTLC31 TLPL	Terminal Forecast (St Lucia)
FTMC31-32 GMMC	Terminal Forecasts (Morocco)
FTMR20 TFFF	Terminal Forecasts (Martinique)
FTMX31-35 MMMX	Terminal Forecasts (Mexico)
FTMX51-55 MMMX	“ “
FTMX61-65 MMMX	“ “
FTMZ31 FQMA	Terminal Forecasts (Mozambique)
FTNC20 NWCC	Terminal Forecasts (New Caledonia)
FTNL31 EHAM	Terminal Forecasts (Netherlands)
FTNO41 ENMI	Terminal Forecast (Norway)
FTNU31 TNCC	Terminal Forecasts (Aruba/Bonaire/Curacao)
FTNZ31 NZKL	Terminal Forecasts (New Zealand)
FTOS31 LOWM	Terminal Forecast (Austria)
FTPF21 NTAA	Terminal Forecasts (French Polynesia)
FTPH31 RPLL	Terminal Forecasts (Philippines)
FTPM31 MPTO	Terminal Forecasts (Panama)
FTPO32 LPPT	Terminal Forecasts (Portugal)
FTPR SPIM	Terminal Forecast (Peru)
FTPS31 NFFN	Terminal Forecasts (South Pacific)
FTPY SGAS	Terminal Forecast (Paraguay)
FTRA31 UHPP,UHWW	Terminal Forecasts (Former Soviet Union)
FTRA51 RJTD	“ “
FTSA31 TTPP	Terminal Forecasts (Suriname/Guyana/French Guyana)
FTSD20 OEJD	Terminal Forecasts (Saudi Arabia)

Bulletin	Description
FTSG20 GOOY	Terminal Forecasts (Senegal)
FTSN41 ESWI	Terminal Forecasts (Sweden)
FTSW31 LSSW	Terminal Forecasts (Switzerland)
FTTU31 LTAA	Terminal Forecasts (Turkey)
FTUK31,32 EGGY	Terminal Forecasts (United Kingdom)
FTUK41,42 EGRR	“ “
FTVN20 SVMI	Terminal Forecasts (Venezuela)
FTXX99 KWBC	Terminal Forecasts (selected sites)
FTYG31 LYBE	Terminal Forecasts (Yugoslavia)
FTZA31,40 FAPR	Terminal Forecasts (South Africa)
FTZB20 FLLS	Terminal Forecasts (Zambia)
FTZW20 FVHA	Terminal Forecasts (Zimbabwe)
FVAU01-04 ADRM	Volcanic Ash Advisory (Darwin)
FVFE01 RJTD	Volcanic Ash Advisory (Japan)
FVIY01 LFPW	Volcanic Ash Advisory (France)
FVPS01 NZKL	Volcanic Ash Advisory (New Zealand)
FVUK01 EGRR	Volcanic Ash Statement/Advisory (United Kingdom)
FVXX01 SABM	Volcanic Ash Advisory Statement (Argentina)
FXCA20 KWBC	Central America/Caribbean Weather Synopsis and Discussion
FXSA20 KWBC	South America Weather Synopsis and Discussion
FXSD20 KWBC	Forecast Discussion and Regional/Extended Forecast (Saudi Arabia)
FZPS02 SCSC	Marine Forecast (Chile)
FZSD20 OEJD	Marine Data (Saudi Arabia)
FZZM50 NSAP	Marine Forecast (Samoa)
NOAG01 SABM	Notice to Users (Argentina)
NOIN02 DEMS	Notices to Users (India)
NOUK20 EGRR	Satellite Status Message (Bracknell)
NOUK33 EGGY	SADIS Gateway Monitoring
NOJP01 RJTD	Notice to Users (Japan)
NOUK01,92 EGRR	Notice to Users/Model Status (Bracknell)
NOXX01 LSSW	Notice to Users (Switzerland)
NOXX01 NZKL	Notice to Users (New Zealand)
NPXX10 EDZW	Notice to Users (Germany)
NPXX10 EGRR	Notice to Users (Bracknell)
SAAE31 KWBC	Metar Observations (Eastern Asia)
SAAF33-36 KWBC	Metar Observations (Africa)
SAAG31,41 KWBC	Metar Observations (Argentina)
SAAL31 KWBC	Metar Observations (Algeria)
SAAO20 GOOY	Metar Observations (Western Africa)
SAAO31 KWBC	“ “
SAAT31 TAPA	Metar Observations (Antigua)

Bulletin	Description
SAAT31 TKPK,TRPM	Metar Observations (St Kitts)
SAAT31 TUPJ	Metar Observations (British Virgin Islands)
SAAS31-33 KWBC	Metar Observations (Southern Asia)
SAAU31 KWBC	Metar Observations (Australia)
SAAU69 AMMC	“ “
SAAW31-33 KWBC	Metar Observations (Middle East)
SAAW41 KWBC	Metar Observations (Turkey)
SABA31 MYNN,MYGF	Metar Observations (Bahamas)
SABE31 TXKF	Metar Observations (Bermuda)
SABH31 MZBZ	Metar Observations (Belize)
SABO SLLP	Metar Observations (Colombia)
SABR31 TBPB	Metar Observations (Barbados)
SABX31 KWBC	Metar Observations (Belgium)
SABZ31,41,42 KWBC	Metar Observations (Brazil)
SACA1 MSLP	Metar Observations (El Salvador)
SACA1 TJSJ	Metar Observations (Puerto Rico)
SACA31-33,35 KWBC	Metar Observations (Caribbean)
SACA31 MHTG	Metar Observations (Honduras)
SACA31 TNCC	Metar Observations (Aruba/Curacao)
SACA41 KWBC	Metar Observations (Cuba)
SACA45 KWBC	Metar Observations (Caribbean)
SACI31,41 KWBC	Metar Observations (Taiwan)
SACI32 KWBC	Metar Observations (China)
SACI51 RJTD	“ “
SACO1 SKBO	Metar Observations (Colombia)
SACS31 MROC	Metar Observations (Costa Rica)
SACU31 MUGM	Metar Observations (Cuba)
SACU31 MUHA	“ “
SADL31-32 EDZO	Metar Observations (Germany)
SADL31-33 KWBC	Metar Observations (Germany)
SADN31 KWBC	Metar Observations (Denmark)
SADO31 TDPD	Metar Observations (Dominica)
SADR31 MDSD	Metar Observations (Dominican Republic)
SAEE31 KWBC	Metar Observations (Former Soviet Union/Poland)
SAEE32 KWBC	Metar Observations (Eastern Europe)
SAEM31 KWBC	Metar Observations (Albania/Austria/Yugoslavia)
SAEM31 KWBC	Metar Observations (Central Europe)
SAEN31 EKCH	Metar Observations (Denmark)
SAEN31 KWBC	Metar Observations (Finland/Former Soviet Union/Norway)
SAEN31 KWBC	Metar Observations (Northern Europe)
SAEN33 EKCH	Metar Observations (Finland/Sweden)

Bulletin	Description
SAEW31 KWBC	Metar Observations (Portugal)
SAFG20 SOCA	Metar Observations (French Guiana)
SAFJ31 NFFN	Metar Observation (Fiji)
SAFR31,32,41 KWBC	Metar Observations (France)
SAGC31 MWCR	Metar Observations (Grand Cayman)
SAGD31 TGPY	Metar Observations (Grenada)
SAGL41 BGSF	Metar Observations (Greenland)
SAGR31 KWBC	Metar Observations (Greece)
SAGU31 MGGT	Metar Observations (Guatemala)
SAGY31 SYCJ	Metar Observations (Guyana)
SAHA31 MTPP	Metar Observations (Haiti)
SAHO31 MHTG	Metar Observations (Honduras)
SAID31 KWBC	Metar Observations (Indonesia)
SAIE31 EIDB	Metar Observations (Ireland)
SAIO31 KWBC	Metar Observations (Indian Ocean Area)
SAIY31,32,41-43 KWBC	Metar Observations (Italy)
SAJM31 MKJP,MKJS	Metar Observations (Jamaica)
SAJP31,41,44,45 KWBC	Metar Observations (Japan)
SAJP51 RJTD	Metar Observations (Japan)
SAKO51 RJTD	Metar Observations (South Korea)
SALC31 TLPL	Metar Observations (St Lucia)
SAMH1 PKWA	Metar Observations (Kwajalein)
SAMM31 KWBC	Metar Observations (Cyprus)
SAMN31 TNCM	Metar Observations (St Martin)
SAMR20 TFFF	Metar Observations (Martinique)
SAMS31-34 WMKK	Metar Observations (Malaysia)
SAMX41 MMMX	Metar Observations (Mexico)
SAMX42 MMGL	“ “
SAMX43 MMMZ	“ “
SAMX44 MMMD	“ “
SAMX45 MMY	“ “
SANK31 MNMG	Metar Observations (Nicaragua)
SANL31 KWBC	Metar Observations (Netherlands)
SANO41-42 KWBC	Metar Observations (Norway)
SANT31 KWBC	Metar Observations (Iceland/Greenland/Atlantic Islands)
SAPA31 KWBC	Metar Observations (North Pacific Islands)
SAPA32 KWBC	Metar Observations (New Zealand/South Pacific Islands)
SAPH31 RPLL	Metar Observations (Philippines)
SAPK31 OPKC	Metar Observations (Pakistan)
SAPM31 MPTO	Metar Observations (Panama)
SAPR SPIM	Metar Observations (Peru)

Bulletin	Description
SAPR41 KWBC	" "
SARA31KWBC,UHWW	Metar Observations (Former Soviet Union)
SARA51 RJTD	" "
SARS31 KWBC	" "
SASA31,32,41 KWBC	Metar Observations (South America)
SASD20 OEJD	Metar Observations (Saudi Arabia)
SASP31 KWBC	Metar Observations (Spain)
SASW31 KWBC,LSSW	Metar Observations (Switzerland)
SATD31 TTPP	Metar Observations (Trinidad/Tobago)
SATN41 KWBC	Metar Observations (Tanzania)
SAUK31,32,41,42 KWBC	Metar Observations (United Kingdom)
SAUK32,41-44 EGGY	" "
SAUK51 EGRR	" "
SAVG31 TVSV	Metar Observations (St Vincent/Mustique)
SAVN22 SVMJ	Metar Observations (Venezuela)
SAVN42 KWBC	" "
SAXX61 KWBC	Metar Observations (Europe)
SAXX62 KWBC	Metar Observations (Central and Western North Pacific)
SAZA31 FAPR,KWBC	Metar Observations (South Africa)
SEID01 WIIX	Earthquake Data (coded)
SEIN01 DEMS	" "
SEJP20,21 RJTD	" "
SENL01 EHDB	" "
SEOS01 LOWM	" "
SETH01 VTBB	" "
SEZW01 FVHA	" "
SFUK30 EGRR	Locations of Sources of Atmospherics (lightning)
SIAA14 KARS	Intermediate Synoptic Observations (Antarctica)
SIAA20 NZCM	" "
SIAA21 EUMS,LFPW	" "
SIAU21 AMMC	Intermediate Synoptic Observations (Australia)
SIAT01 TAPA	Intermediate Synoptic Observations (Antigua)
SIAT01 TKPK,TRPM	Intermediate Synoptic Observations (St Kitts)
SIBA20 MYNN	Intermediate Synoptic Observations (Bahamas)
SIBD20 WBSB	Intermediate Synoptic Observations (Brunei)
SIBH01 KWBC	Intermediate Synoptic Observations (Belize)
SIBH21 MZBZ	" "
SIBR20 TBPB	Intermediate Synoptic Observations (Barbados)
SIBY20,21 UMMN	Intermediate Synoptic Observations (Former Soviet Union)
SICA1 MSLP	Intermediate Synoptic Observations (El Salvador)
SICA20 TNCC	Intermediate Synoptic Observations (Caribbean)

Bulletin	Description
SICI01-08,21-29,31-39 BABJ	Intermediate Synoptic Observations (China)
SICO20,21 SKBO	Intermediate Synoptic Observations (Colombia)
SIDN21 EKMI	Intermediate Synoptic Observations (Denmark)
SIDO01 TDPD	Intermediate Synoptic Observations (Dominica)
SIDR1,01 MDSD	Intermediate Synoptic Observations (Dominican Republic)
SIER20 OMAA	Intermediate Synoptic Observations (United Arab Emirates)
SIES20 MSLP	Intermediate Synoptic Observations (El Salvador)
SIFG20 SOCA	Intermediate Synoptic Observations (French Guiana)
SIFI20 EFKL	Intermediate Synoptic Observations (Finland)
SIFJ20 NFFN	Intermediate Synoptic Observations (Fiji)
SIGD01 TGPY	Intermediate Synoptic Observations (Grenada)
SIGI21 EGRR	Intermediate Synoptic Observations (Gibraltar)
SIGU01 MGGT	Intermediate Synoptic Observations (Guatemala)
SIGY31 SYCJ	Intermediate Synoptic Observations (Guyana)
SIHE20 EGRR	Intermediate Synoptic Observations (St Helena Island)
SIHO20 MHTG	Intermediate Synoptic Observations (Honduras)
SIIL21,22 BIRK	Intermediate Synoptic Observations (Iceland)
SIIN2-24 DEMS	Intermediate Synoptic Observations (India)
SIJD20 OJAM	Intermediate Synoptic Observations (Jordan)
SIJM20 MKJP,MKJS	Intermediate Synoptic Observations (Jamaica)
SIJP20,21 RJTD	Intermediate Synoptic Observations (Japan)
SIKB20 NGTT	Intermediate Synoptic Observations (Kiribati)
SIKK21 AMMC	Intermediate Synoptic Observations (Cocos Island)
SIKO20,21 RKSL	Intermediate Synoptic Observations (South Korea)
SIKR21 DKPY	Intermediate Synoptic Observations (North Korea)
SIKU20 NCRG	Intermediate Synoptic Observations (Cook Islands)
SILC01 TLPL	Intermediate Synoptic Observations (St Lucia)
SIMF20 TFFR	Intermediate Synoptic Observations (Martinique)
SIMN20 TNCM	Intermediate Synoptic Observations (St Martin)
SIMR20 TFFR	Intermediate Synoptic Observations (Guadeloupe)
SINC20,21 NWBB	Intermediate Synoptic Observations (New Caledonia)
SINF21 AMMC	Intermediate Synoptic Observations (Norfolk Island)
SINK21 MNMG	Intermediate Synoptic Observations (Nicaragua)
SINO21,22 ENMI	Intermediate Synoptic Observations (Norway)
SIPF20 NTAA	Intermediate Synoptic Observations (French Polynesia)
SIPH20 RPMM	Intermediate Synoptic Observations (Philippines)
SIPK20 OPKC	Intermediate Synoptic Observations (Pakistan)
SIPM1 MPTO	Intermediate Synoptic Observations (Panama)
SISM20 SMJP	Intermediate Synoptic Observations (Suriname)
SISN21 ESWI	Intermediate Synoptic Observations (Sweden)
SISO21 AMMC	Intermediate Synoptic Observations (Solomon Islands)

Bulletin	Description
SIST01 EGRR	Intermediate Synoptic Observations (St Helena/Ascension Island/Falklands)
SISW21,22 LSSW	Intermediate Synoptic Observations (Switzerland)
SITA20 UTDD	Intermediate Synoptic Observations (Former Soviet Union)
SITK20 NSAP	Intermediate Synoptic Observations (Western Samoa)
SITO21 NTF	Intermediate Synoptic Observations (Tonga)
SITR20 UTAA	Intermediate Synoptic Observations (Former Soviet Union)
SITV20 NGFU	Intermediate Synoptic Observations (Tuvalu)
SIUK21,22 EGRR	Intermediate Synoptic Observations (United Kingdom)
SIVA20 FMEE,GOOY LFPW	Buoy Reports
SIVA21 EGRR,LFPW	" "
SIVB20-25 RJTD	" "
SIVB21 LFPW	" "
SIVC21 EGRR	" "
SIVD21-25 RJTD	" "
SIVE21 AMMC	" "
SIVF20 LFPW	" "
SIVF21 BIRK,EFKL EGRR,EKMI ENMI	" "
SIVX21 EDZW,EUMS	" "
SIVX21-24 RJTD	" "
SIWB21 RJTD	" "
SNVF21 EGRR	" "
SMAA01 AMMC,EDZW EUMS,LFPW NZCM,NZSP SAWB,SCEF	Synoptic Observations (Antarctica)
SMAA10 DEMS,RUML	" "
SMAA14 KARS	" "
SMAA17 LFVW	" "
SMAA41 KPAL	" "
SMAG01-04 SABM	Synoptic Observations (Argentina)
SMAI01 KWBC	Synoptic Observations (Ascension Island)
SMAL01,02,20 DAMM	Synoptic Observations (Algeria)
SMAR20 OEJD	Synoptic Observations (Middle East)
SMAT01 TAPA	Synoptic Observations (Antigua)
SMAT01 TKPK,TRPM	Synoptic Observations (St Kitts)
SMAU01,40 AMMC	Synoptic Observations (Australia)
SMBA01,20 MYNN	Synoptic Observations (Bahamas)
SMBC01,20 FBSK	Synoptic Observations (Botswana)
SMBD1 WBSB	Synoptic Observations (Brunei)

Bulletin	Description
SMBE1,01 TXKF	Synoptic Observations (Bermuda)
SMBH01 KWBC,MZBZ	Synoptic Observations (Belize)
SMBJ1 DBBB	Synoptic Observations (Benin)
SMBM01 VBRR	Synoptic Observations (Myanmar)
SMBN10 OBBI	Synoptic Observations (Bahrain)
SMBO01 SLLP	Synoptic Observations (Bolivia)
SMBR01 TBPB	Synoptic Observations (Barbados)
SMBU01 LZSO	Synoptic Observations (Bulgaria)
SMBW01 VGDC	Synoptic Observations (Bangladesh)
SMBX01,20 EBBR	Synoptic Observations (Belgium)
SMBY01,20 UMMN	Synoptic Observations (Former Soviet Union)
SMBZ01-13 SBBR	Synoptic Observations (Brazil)
SMCA01-03,11,40 41 KWBC	Synoptic Observations (Caribbean)
SMCA01 TNCC	Synoptic Observations (Aruba/Bonaire/Curacao)
SMCA1 MSLP	Synoptic Observations (El Salvador)
SMCE01 FEFF	Synoptic Observations (Central African Republic)
SMCG01 FCBB	Synoptic Observations (Congo)
SMCH01,02 SCSC	Synoptic Observations (Chile)
SMCI01-09,31-39 BABJ	Synoptic Observations (China)
SMCM01 FKKD	Synoptic Observations (Cameroon)
SMCO01,02 SKBO	Synoptic Observations (Colombia)
SMCS01 MROC	Synoptic Observations (Costa Rica)
SMCU MUHA	Synoptic Observations (Cuba)
SMCV01 GVAC	Synoptic Observations (Cape Verde)
SMCY01 LCLK	Synoptic Observations (Cyprus)
SMCZ10,40 OKPR	Synoptic Observations (Czech Republic)
SMDL01 EDZW	Synoptic Observations (Germany)
SMDN01 EKMI	Synoptic Observations (Denmark)
SMDO01 TDPD	Synoptic Observations (Dominica)
SMDR1,01 MDSD	Synoptic Observations (Dominican Republic)
SMEG01-03 HECA	Synoptic Observations (Egypt)
SMER10 OMAA	Synoptic Observations (United Arab Emirates)
SMES1,01 MSLP	Synoptic Observations (El Salvador)
SMET01,20 HAAB	Synoptic Observations (Ethiopia)
SMFA01 EKMI	Synoptic Observations (Faeroe Islands)
SMFG01 SOCA	Synoptic Observations (French Guiana)
SMFI01 EFKL	Synoptic Observations (Finland)
SMFJ01 NFFN	Synoptic Observations (Fiji)
SMFR01 LFPW	Synoptic Observations (France)
SMFW01 NWBB	Synoptic Observations (Wallis/Futuna)

Bulletin	Description
SMGC01 MWCR	Synoptic Observations (Grand Cayman)
SMGD01 TGPY	Synoptic Observations (Grenada)
SMGE01 FAGE	Synoptic Observations (Gough Island)
SMGI01 EGRR	Synoptic Observations (Gibraltar)
SMGL01,05,10,40 45 BGSF	Synoptic Observations (Greenland)
SMGO01,20 FOOL	Synoptic Observations (Gabon)
SMGR01 LGAT	Synoptic Observations (Greece)
SMGU01 MGGT	Synoptic Observations (Guatemala)
SMGY01 SYCJ	Synoptic Observations (Guyana)
SMHE01 EGRR	Synoptic Observations (St Helena Island)
SMHK01 VHHH	Synoptic Observations (Hong Kong)
SMHO01 MHTG	Synoptic Observations (Honduras)
SMHU01,20 HABP	Synoptic Observations (Hungary)
SMID01,02,20 WIIX	Synoptic Observations (Indonesia)
SMIE01 EIDB	Synoptic Observations (Ireland)
SMIL01,22 BIRK	Synoptic Observations (Iceland)
SMIN01-05 DEMS	Synoptic Observations (India)
SMIO01 FJDG	Synoptic Observations (Diego Garcia)
SMIR01,02,20 OIII	Synoptic Observations (Iran)
SMIS01 LLBD	Synoptic Observations (Israel)
SMIV01,20 DIAP	Synoptic Observations (Ivory Coast)
SMIY01,20 LIIB	Synoptic Observations (Italy)
SMJD01,10,20 OJAM	Synoptic Observations (Jordan)
SMJM01 MKJP,MKJS	Synoptic Observations (Jamaica)
SMJP01,02 RJTD	Synoptic Observations (Japan)
SMKB01 NGTT	Synoptic Observations (Kiribati)
SMKK01 AMMC	Synoptic Observations (Cocos Island)
SMKN01,20 HKNC	Synoptic Observations (Kenya)
SMKO01,03 RKSL	Synoptic Observations (South Korea)
SMKR01,02,21 DKPY	Synoptic Observations (North Korea)
SMKU01 NCRG	Synoptic Observations (Cook Islands)
SMKW01 OKBK	Synoptic Observations (Kuwait)
SMKY10 UAFF	Synoptic Observations (Former Soviet Union)
SMKZ01,20 UAAA	" "
SMLA01 VLIV	Synoptic Observations (Laos)
SMLB01,20 OLBA	Synoptic Observations (Lebanon)
SMLC01 TLPL	Synoptic Observations (St Lucia)
SMLS01 FXMM	Synoptic Observations (Lesotho)
SMLY01 HLLT	Synoptic Observations (Libya)
SMMA01,02 FIMP	Synoptic Observations (Mauritius)
SMMB01 FAME	Synoptic Observations (Marion Island)

Bulletin	Description
SMMC01,02 GMMC	Synoptic Observations (Morocco)
SMD01 LPMG	Synoptic Observations (Portugal)
SMMF01 TFFR	Synoptic Observations (Guadeloupe)
SMMG01,20 FMMI	Synoptic Observations (Madagascar)
SMMJ01 LWOH	Synoptic Observations (Macedonia)
SMMJ01 LWSK	“ “
SMMLO1 LMMM	Synoptic Observations (Malta)
SMMN01 TNCM	Synoptic Observations (St Martin)
SMMO01,02 MNUB	Synoptic Observations (Mongolia)
SMMR01 TFFF	Synoptic Observations (Martinique)
SMS01 WMKK	Synoptic Observations (Malaysia)
SMMU20 VHHH	Synoptic Observations (Macao)
SMMX1,01,02,3,03 MXBA	Synoptic Observations (Mexico)
SMMZ01 FQMA	Synoptic Observations (Mozambique)
SMNC01,20 NWBB	Synoptic Observations (New Caledonia)
SMNF01 AMMC	Synoptic Observations (Norfolk Island)
SMNK1,01 MNMG	Synoptic Observations (Nicaragua)
SMNL10,21 EHDB	Synoptic Observations (Netherlands)
SMNO11 ENMI	Synoptic Observations (Norway)
SMNP01,20 VNKT	Synoptic Observations (Nepal)
SMNR01,20 DRRN	Synoptic Observations (Niger)
SMNV01 NVVV	Synoptic Observations (Vanautu)
SMOM10 OOMS	Synoptic Observations (Oman)
SMOS01,22 LOWM	Synoptic Observations (Austria)
SMPF01 NTA	Synoptic Observations (French Polynesia)
SMPH20 RPMM	Synoptic Observations (Philippines)
SMPK01,20 OPKC	Synoptic Observations (Pakistan)
SMPL01,20 SOWR	Synoptic Observations (Poland)
SMPM31 MPTO	Synoptic Observations (Panama)
SMPO01 LPMG	Synoptic Observations (Portugal)
SMPR01-06 SPIM	Synoptic Observations (Peru)
SMPY01 SGAS	Synoptic Observations (Paraguay)
SMQT10 OTBD	Synoptic Observations (Qatar)
SMRA10-18 RUHB	Synoptic Observations (Former Soviet Union)
SMRA10-16,20 RUNW	“ “
SMRE01 FMEE	Synoptic Observations (Reunion)
SMRO01,21 YRBK	Synoptic Observations (Romania)
SMRS10-17,20 RUMS	Synoptic Observations (Former Soviet Union)
SMRW01 HRYR	Synoptic Observations (Rwanda)
SMSB01 VCCC	Synoptic Observations (Sri Lanka)
SMSD10,12 OEJD	Synoptic Observations (Saudi Arabia)

Bulletin	Description
SMSG01,20 GOOY	Synoptic Observations (Senegal)
SMSM01 SMJP	Synoptic Observations (Suriname)
SMSN01 ESWI	Synoptic Observations (Sweden)
SMSO01 AMMC	Synoptic Observations (Solomon Islands)
SMSP01,02 LEMM	Synoptic Observations (Spain)
SMSQ10 LZIB	Synoptic Observations (Slovakia)
SMSR01 WSSS	Synoptic Observations (Singapore)
SMST01 EGRR	Synoptic Observations (St Helena/Ascension Island/Falklands)
SMSU01 HSSS	Synoptic Observations (Sudan)
SMSW01,22 LSSW	Synoptic Observations (Switzerland)
SMYS01,20 OSDI	Synoptic Observations (Syria)
SMTA10 UTDD	Synoptic Observations (Former Soviet Union)
SMTD01 TTPP	Synoptic Observations (Trinidad/Tobago)
SMTG1,20 DXXX	Synoptic Observations (Togo)
SMTH01,40 VTBB	Synoptic Observations (Thailand)
SMTK01 NSAP	Synoptic Observations (Western Samoa)
SMTN01,40 HTDA	Synoptic Observations (Tanzania)
SMT002 NFTF	Synoptic Observations (Tonga)
SMTR10 UTAA	Synoptic Observations (Former Soviet Union)
SMTS20 DTTA	Synoptic Observations (Tunisia)
SMTU10-12 LTAA	Synoptic Observations (Turkey)
SMTV01 NGFU	Synoptic Observations (Tuvalu)
SMUG01 HUEN	Synoptic Observations (Uganda)
SMUK01,22 EGRR	Synoptic Observations (United Kingdom)
SMUR10,11 UKMS	Synoptic Observations (Former Soviet Union)
SMUY01 SUMU	Synoptic Observations (Uruguay)
SNUZ10 UTTW	Synoptic Observations (Former Soviet Union)
SMVN01,20 SVBS	Synoptic Observations (Venezuela)
SMVS01 VNNN	Synoptic Observations (Vietnam)
SMYG10,22,23,50 LYBM	Synoptic Observations (Yugoslavia)
SMZA01,02,20,21 FAPR	Synoptic Observations (South Africa)
SMZB01,20 FLLS	Synoptic Observations (Zambia)
SMZR20 FZAA	Synoptic Observations (D.R. of The Congo)
SMZW01,21,41 FVHA	Synoptic Observations (Zimbabwe)
SMVA01 FAPR,FIMP FMEE,LFPW	Ship Reports
SMVA02,03 FAPR LFPW	“ “
SMVA04-06 FAPR	“ “
SMVA10 DEMS, RUMS	“ “
SMVA11 OEJD	“ “

Bulletin	Description	
SMVA13 RUMS	Ship Reports	
SMVB01 BABJ,EGRR FIMP,RKSL	"	"
SMVB10-16 RJTD	"	"
SMVC01 EGRR	"	"
SMVD10 RUMS	"	"
SMVD11-16 RJTD	"	"
SMVE01 AMMC,LFPW NWBB,NZKL WIIX,WMKK	"	"
SMVE02,03 LFPW	"	"
SMVE10-16 RJTD	"	"
SMVF01 EFKL,EGRR EHDB,EIDB EKMI,ESWI LFPW,LGAT LIIB	"	"
SMVF02,03 ESWI LFPW	"	"
SMVF10 EHDB	"	"
SMVF10-13 ENMI	"	"
SMVF10,13 RUMS	"	"
SMVX01 EDZW, EUMS HECA,VCCC WSSS	"	"
SMVX10 RUMS	"	"
SMVX11-16 RJTD	"	"
SMVX13 RUMS	"	"
SMWB11 RJTD	"	"
UEVC01 EGRR	"	"
UEVD01 EGRR	"	"
UEVF01 EGRR	"	"
UEVJ01 EGRR	"	"
UEVX01 EUMS,RJTD	"	"
UEXX01 EUMS	"	"
UKVA01 EGRR	"	"
UKVC01 EGRR	"	"
UKVD01 EGRR	"	"
UKVF01 EGRR	"	"
UKVJ01 EGRR	"	"
UKVX01 EUMS,RJTD	"	"
ULVC01 EGRR	"	"
ULVD01 EGRR	"	"
ULVF01 EGRR	"	"

Bulletin	Description
ULVJ01 EGRR	Ship Reports
ULVX01 EUMS,RJTD	“ “
USVC01 EGRR	“ “
USVD01 EGRR	“ “
USVF01 EGRR	“ “
USVJ01 EGRR	“ “
USVX01 EUMS	“ “
USVX01 RJTD	“ “
SNAA14 KARS	Synoptic Observations (Antarctica)
SNAU01-05,21-25 40-44 AMMC	Synoptic Observations (Australia)
SNKI01,21 AMMC	Synoptic Observations (Christmas Island)
SNMK01,21 AMMC	Synoptic Observations (Macquarie Island)
SNNG01,21 AMMC	Synoptic Observations (Papua New Guinea)
SNNZ01,20 NZKL	Synoptic Observations (New Zealand)
SNPH20 RPMM	Synoptic Observations (Philippines)
SOWB01 RJTD	Drifting Buoy Report
SOWE01 AMMC	Wave Rider Buoy Data
SPBA31 MYGF	Special Metar Observations (Bahamas)
SPBE20 TXKF	Special Metar Observations (Bermuda)
SPBH31 MZBZ	Special Metar Observations (Belize)
SPBR31 TBPB	Special Metar Observations (Barbados)
SPCA31 TNCC	Special Metar Observations (Caribbean)
SPGL41 BGSF	Special Metar Observations (Greenland)
SPGU31 MGGT	Special Metar Observations (Guatemala)
SPGY31 SYCJ	Special Metar Observations (Guyana)
SPHO31 MHTG	Special Metar Observations (Honduras)
SPJM31 MKJP,MKJS	Special Metar Observations (Jamaica)
SPMN31 TNCM	Special Metar Observations (St Martin)
SPMR20 TFFF	Special Metar Observations (Martinique)
SPNK31 MNMG	Special Metar Observations (Nicaragua)
SPPM31 MPTO	Special Metar Observations (Panama)
SPPS31 KWBC	Special Metar Observations (South Pacific Islands)
SPRA31 UHWW	Special Metar Observations (Former Soviet Union)
SPTD31 TTCP,TTPP	Special Metar Observations (Trinidad/Tobago)
SPVN21 SVMJ	Special Metar Observations (Venezuela)
SSVX01,03,05,07-10 18 LFPW	Drifting Buoy Report
SSVX03-07,12,16 18 KARS	“ “
STAA01 KWBC	South Polar Sea Ice Report (Antarctic)
STAC21 ENBJ	Sea Ice Report (Europe)

Bulletin	Description
STNT41 KNIK	International Ice Patrol Bulletin
STPL42 SOWR	Sea Ice Report (Europe)
STRS10 RUMS	“ “
STSN42 ESWI	“ “
SXCA01 KNHC	Pan American Temperature and Precipitation Table
UAAG SARE	Pilot Reports (Argentina)
UAAM01 FCBB	Pilot Reports (Congo)
UAAO01,02,20 GOOY	Pilot Reports (Senegal)
UAAS11 RJTD	Pilot Reports (Eastern Asia/Western Pacific)
UAAU01 AMMC	Pilot Reports (Australia)
UABS SBBS	Pilot Reports (Brazil)
UABZ SBBE,SBBS SBRE	“ “
UABZ01,02 SBBR	“ “
UABZ19 SBBL	“ “
UABZ20 SBPH,SBPV	“ “
UABZ21 SBAO	“ “
UABZ24 SBCW	“ “
UACI31 RCTP	Pilot Reports (Taiwan)
UAFJ01 NFFN	Pilot Reports (Fiji)
UAID31 WIII	Pilot Reports (Indonesia)
UAIO01 FMMI	Pilot Reports (Southern Indian Ocean)
UAIY31 LIIB	Pilot Reports (Italy)
UAJP71 RJDG,RJFF RJFK	Pilot Reports (Japan)
UAKO31 RKSI,RKSS	Pilot Reports (South Korea)
UAMA01 FIMP	Pilot Reports (Southern Indian Ocean)
UAMX27 MMMZ	Pilot Reports (Mexico)
UAMX33 MMZT	“ “
UANO ENBO	Pilot Reports (Norway)
UANT01 BIRK,EGRR	Pilot Reports (Eastern North Atlantic)
UANT11 EGRR	“ “
UANU01 TNCC	Pilot Reports (Caribbean)
UAPF01 NTAA	Pilot Reports (Tahiti)
UAPH01 RPMM	Pilot Reports (Philippines)
UAPR SPIM	Pilot Reports (Peru)
UAPY01 SGAS	Pilot Reports (Paraguay)
UASA01 SABM	Pilot Reports (Argentina)
UASQ31 LZIB	Pilot Reports (Slovakia)
UAST10,11 EGRR	Pilot Reports (Southern Atlantic)
UAVN01 SVBS,SVMI SVMI	Pilot Reports (Venezuela)

Bulletin	Description
UAXX10 EGRR	Pilot Reports (Europe)
UAXX01 HECA	Pilot Reports (Egypt)
UEAA01 AMMC,LFPW NZCM,NSZP	Upper Air Sounding Data (Antarctica)
UEAA10 RUML	“ “
UEAG01-04 SABM	Upper Air Sounding Data (Argentina)
UEAI01 KWBC	Upper Air Sounding Data (Ascension Island)
UEAL01,02 DAMM	Upper Air Sounding Data (Algeria)
UEAU01-03 AMMC	Upper Air Sounding Data (Australia)
UEBE1 TXKF	Upper Air Sounding Data (Bermuda)
UEBU01 LZSO	Upper Air Sounding Data (Bulgaria)
UEBZ01-03 SBBR	Upper Air Sounding Data (Brazil)
UECA1,01-03 KWBC	Upper Air Sounding Data (Caribbean)
UECM01 FKKD	Upper Air Sounding Data (Cameroon)
UECI01-02 BABJ	Upper Air Sounding Data (China)
UECO01 SKBO	Upper Air Sounding Data (Colombia)
UECV01 GVAC	Upper Air Sounding Data (Cape Verde)
UECZ10 OKPR	Upper Air Sounding Data (Czech Republic)
UEDL01-03,40 EDZW	Upper Air Sounding Data (Germany)
UEDN01 EKMI	Upper Air Sounding Data (Denmark)
UEER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
UEET01 HAAB	Upper Air Sounding Data (Ethiopia)
UEFA01 EKMI	Upper Air Sounding Data (Faeroe Islands)
UEFG01 SOCA	Upper Air Sounding Data (French Guiana)
UEFI01-03 EFKL	Upper Air Sounding Data (Finland)
UEFR01 LFPW	Upper Air Sounding Data (France)
UEGE01 FAGE	Upper Air Sounding Data (Gough Island)
UEGI01 EGRR	Upper Air Sounding Data (Gibraltar)
UEGL04,06,08 BGSF	Upper Air Sounding Data (Greenland)
UEGR01 LGAT	Upper Air Sounding Data (Greece)
UEHE01 EGRR	Upper Air Sounding Data (St Helena Island)
UEHK01 VHHH	Upper Air Sounding Data (Hong Kong)
UEHU01,02 HABP	Upper Air Sounding Data (Hungary)
UEID01 WIIX	Upper Air Sounding Data (Indonesia)
UEIE01 EIDB	Upper Air Sounding Data (Ireland)
UEIL01 BIRK	Upper Air Sounding Data (Iceland)
UEIN01,02 DEMS	Upper Air Sounding Data (India)
UEIS01 LLBD	Upper Air Sounding Data (Israel)
UEIV01 DIAP	Upper Air Sounding Data (Ivory Coast)
UEIY01,02 LIIB	Upper Air Sounding Data (Italy)
UEJD01 OJAM	Upper Air Sounding Data (Jordan)
UEJM01 MKJP	Upper Air Sounding Data (Jamaica)

Bulletin	Description
UEJP01 RJTD	Upper Air Sounding Data (Japan)
UEKB01 NGTT	Upper Air Sounding Data (Kiribati)
UEKK01 AMMC	Upper Air Sounding Data (Cocos Island)
UEKN01 HKNC	Upper Air Sounding Data (Kenya)
UEKO01 RKSL	Upper Air Sounding Data (South Korea)
UEKR01 DKPY	Upper Air Sounding Data (North Korea)
UEKW10 OKBK	Upper Air Sounding Data (Kuwait)
UEKZ11,12 UAAA	Upper Air Sounding Data (Former Soviet Union)
UELBO1 OLBA	Upper Air Sounding Data (Lebanon)
UEMB01 FAME	Upper Air Sounding Data (Marion Island)
UEMG01 FMMI	Upper Air Sounding Data (Madagascar)
UEMK01 AMMC	Upper Air Sounding Data (Macquarie Island)
UEMN01 TNCM	Upper Air Sounding Data (St Martin)
UEMS01 WMKK	Upper Air Sounding Data (Malaysia)
UEMT01 GQNN	Upper Air Sounding Data (Mauritania)
UEMX01 KWBC	Upper Air Sounding Data (Mexico)
UENC01 NWBB	Upper Air Sounding Data (New Caledonia)
UENF01 AMMC	Upper Air Sounding Data (Norfolk Island)
UENG01 AMMC	Upper Air Sounding Data (Papua New Guinea)
UENL01 EHDB	Upper Air Sounding Data (Netherlands)
UENO11-13 ENMI	Upper Air Sounding Data (Norway)
UENR1 DRRN	Upper Air Sounding Data (Niger)
UENV01 NVVV	Upper Air Sounding Data (Vanautu)
UENZ02 NZKL	Upper Air Sounding Data (New Zealand)
UEOM10 OOMS	Upper Air Sounding Data (Oman)
UEPA01 RJTD	Upper Air Sounding Data (Western Pacific)
UEPF01-04 NTA	Upper Air Sounding Data (French Polynesia)
UEPL01 SOWR	Upper Air Sounding Data (Poland)
UEQT10 OTBD	Upper Air Sounding Data (Qatar)
UERA14-16 RUNW	Upper Air Sounding Data (Former Soviet Union)
UERS10-19 RUMS	“ “
UESB01 VCCC	Upper Air Sounding Data (Sri Lanka)
UESD10,12 OEJD	Upper Air Sounding Data (Saudi Arabia)
UESN01,03,05 ESWI	Upper Air Sounding Data (Sweden)
UESP01 LEMM	Upper Air Sounding Data (Spain)
UESR01 WSSS	Upper Air Sounding Data (Singapore)
UESW01 LSSW	Upper Air Sounding Data (Switzerland)
UETD01 TTPP	Upper Air Sounding Data (Trinidad/Tobago)
UETH01 VTBB	Upper Air Sounding Data (Thailand)
UETR10 UTAA	Upper Air Sounding Data (Former Soviet Union)
UETS01 DTTA	Upper Air Sounding Data (Tunisia)

Bulletin	Description
UETU10 LTAA	Upper Air Sounding Data (Turkey)
UETV01 NGFU	Upper Air Sounding Data (Tuvalu)
UEUK01 EGRR	Upper Air Sounding Data (United Kingdom)
UEUR10,20 UKMS	Upper Air Sounding Data (Former Soviet Union)
UEUZ10 UTTW	“ “
UEYE10 OYSN	Upper Air Sounding Data (Yemen Arab Republic)
UEYG01 LYBM	Upper Air Sounding Data (Yugoslavia)
UEZW01 FVHA	Upper Air Sounding Data (Zimbabwe)
UGAA01 NZCM	Upper Air Sounding Data (Antarctica)
UGAG01 SABM	Upper Air Sounding Data (Argentina)
UGAU21-24 AMMC	Upper Air Sounding Data (Australia)
UGBD20 WBSB	Upper Air Sounding Data (Brunei)
UGBU20 LZSO	Upper Air Sounding Data (Bulgaria)
UGDL01-03 EDZW	Upper Air Sounding Data (Germany)
UGFG20 SOCA	Upper Air Sounding Data (French Guiana)
UGGE01 FAGE	Upper Air Sounding Data (Gough Island)
UGGR20 LGAT	Upper Air Sounding Data (Greece)
UGHK20 VHHH	Upper Air Sounding Data (Hong Kong)
UGID20 WIIX	Upper Air Sounding Data (Indonesia)
UGIN20,21 DEMS	Upper Air Sounding Data (India)
UGIS21 LLBD	Upper Air Sounding Data (Israel)
UGIY20 LIIB	Upper Air Sounding Data (Italy)
UGJP20 RJTD	Upper Air Sounding Data (Japan)
UGKB20 NGTT	Upper Air Sounding Data (Kiribati)
UGKK21 AMMC	Upper Air Sounding Data (Cocos Island)
UGMF20 TFFR	Upper Air Sounding Data (Guadeloupe)
UGMR20 TFFF	Upper Air Sounding Data (Martinique)
UGMS20 WMKK	Upper Air Sounding Data (Malaysia)
UGMT20 GQNN	Upper Air Sounding Data (Mauritania)
UGNC20 NWBB	Upper Air Sounding Data (New Caledonia)
UGNF21 AMMC	Upper Air Sounding Data (Norfolk Island)
UGNR20 DRRN	Upper Air Sounding Data (Niger)
UGNV01 NVVV	Upper Air Sounding Data (Vanautu)
UGNZ21 NZKL	Upper Air Sounding Data (New Zealand)
UGPF21 NTAA	Upper Air Sounding Data (French Polynesia)
UGPH20 RPMM	Upper Air Sounding Data (Philippines)
UGPS20 NFTF	Upper Air Sounding Data (Tonga)
UGRE20 FMEE	Upper Air Sounding Data (Reunion)
UGSG20 GOOY	Upper Air Sounding Data (Senegal)
UGSO21 AMMC	Upper Air Sounding Data (Solomon Islands)
UGSR20 WSSS	Upper Air Sounding Data (Singapore)

Bulletin	Description
UGTH20 VTBB	Upper Air Sounding Data (Thailand)
UGTS20 DTTA	Upper Air Sounding Data (Tunisia)
UGUK21 EGRR	Upper Air Sounding Data (United Kingdom)
UGZA01,02 FAPR	Upper Air Sounding Data (South Africa)
UHAG01,02,04 SABM	Upper Air Sounding Data (Argentina)
UHAL01 DAMM	Upper Air Sounding Data (Algeria)
UHBD01 WBSB	Upper Air Sounding Data (Brunei)
UHBU01 LZSO	Upper Air Sounding Data (Bulgaria)
UHDL01-03 EDZW	Upper Air Sounding Data (Germany)
UHER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
UHHK01 VHHH	Upper Air Sounding Data (Hong Kong)
UHN01,02 DEMS	Upper Air Sounding Data (India)
UHS01 LLBD	Upper Air Sounding Data (Israel)
UHIY01 LIIB	Upper Air Sounding Data (Italy)
UHKK01 AMMC	Upper Air Sounding Data (Cocos Island)
UHN01 AMMC	Upper Air Sounding Data (Norfolk Island)
UHSG01 GOOY	Upper Air Sounding Data (Senegal)
UHTH01 VTBB	Upper Air Sounding Data (Thailand)
UHUK01 EGRR	Upper Air Sounding Data (United Kingdom)
UKAA01 AMMC,LFPW NZCM,NSZP	Upper Air Sounding Data (Antarctica)
UKAA10 RUML	“ “
UKAG01-04 SABM	Upper Air Sounding Data (Argentina)
UKAI01 KWBC	Upper Air Sounding Data (Ascension Island)
UKAL01,02 DAMM	Upper Air Sounding Data (Algeria)
UKAU01-04 AMMC	Upper Air Sounding Data (Australia)
UKBA01 MYNN	Upper Air Sounding Data (Bahamas)
UKBC01 FBSK	Upper Air Sounding Data (Botswana)
UKBU01 LZSO	Upper Air Sounding Data (Bulgaria)
UKBX01 EBSH	Upper Air Sounding Data (Belgium)
UKBZ01-03 SBBR	Upper Air Sounding Data (Brazil)
UKCA01-03 KWBC	Upper Air Sounding Data (Caribbean)
UKCH02 SCSC	Upper Air Sounding Data (Chile)
UKCI01,02 BABJ	Upper Air Sounding Data (China)
UKCM01 FKKD	Upper Air Sounding Data (Cameroon)
UKCO01 SKBO	Upper Air Sounding Data (Colombia)
UKCV01 GVAC	Upper Air Sounding Data (Cape Verde)
UKCY01 LCLK	Upper Air Sounding Data (Cyprus)
UKCZ10 OKPR	Upper Air Sounding Data (Czech Republic)
UKDL01-03,40 EDZW	Upper Air Sounding Data (Germany)
UKDN01 EKMI	Upper Air Sounding Data (Denmark)
UKFG01 SOCA	Upper Air Sounding Data (French Guyana)

Bulletin	Description
UKFR01 LFPW	Upper Air Sounding Data (France)
UKEG01 HECA	Upper Air Sounding Data (Egypt)
UKER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
UKET01 HAAB	Upper Air Sounding Data (Ethiopia)
UKFA01 EKMI	Upper Air Sounding Data (Faeroe Island)
UKFG01 SOCA	Upper Air Sounding Data (French Guiana)
UKFI01-03 EFKL	Upper Air Sounding Data (Finland)
UKFJ01 NFFN	Upper Air Sounding Data (Fiji)
UKFR01 LFPW	Upper Air Sounding Data (France)
UKIS01 LLBD	Upper Air Sounding Data (Israel)
UKIV01 DIAP	Upper Air Sounding Data (Ivory Coast)
UKGE10 FAGE	Upper Air Sounding Data (Gough Islands)
UKGI01 EGGR	Upper Air Sounding Data (Gibraltar)
UKGL04,06,08 BGSF	Upper Air Sounding Data (Greenland)
UKGR01 LGAT	Upper Air Sounding Data (Greece)
UKHE01 EGRR	Upper Air Sounding Data (St Helena Island)
UKHK01 VHHH	Upper Air Sounding Data (Hong Kong)
UKHU01,02 HABP	Upper Air Sounding Data (Hungary)
UKID01 WIIX	Upper Air Sounding Data (Indonesia)
UKIE01 EIDB	Upper Air Sounding Data (Ireland)
UKIL01 BIRK	Upper Air Sounding Data (Iceland)
UKIN01,02 DEMS	Upper Air Sounding Data (India)
UKIS01 LLBD	Upper Air Sounding Data (Israel)
UKIV01 DIAP	Upper Air Sounding Data (Ivory Coast)
UKIY01,02 LIIB	Upper Air Sounding Data (Italy)
UKJD01 OJAM	Upper Air Sounding Data (Jordan)
UKJM01 MKJP	Upper Air Sounding Data (Jamaica)
UKJP01 RJTD	Upper Air Sounding Data (Japan)
UKKB01 NGTT	Upper Air Sounding Data (Kiribati)
UKKK01 AMMC	Upper Air Sounding Data (Cocos Island)
UKKN01 HKNC	Upper Air Sounding Data (Kenya)
UKKO01 RKSL	Upper Air Sounding Data (South Korea)
UKKR01 DKPY	Upper Air Sounding Data (North Korea)
UKKW10 OKBK	Upper Air Sounding Data (Kuwait)
UKKY10 UAFF	Upper Air Sounding Data (Former Soviet Union)
UKKZ11,12 UAAA	“ “
UKLB01 OLBA	Upper Air Sounding Data (Lebanon)
UKLY01 HLLT	Upper Air Sounding Data (Libya)
UKMA01 FIMP	Upper Air Sounding Data (Mauritius)
UKMB01 FAME	Upper Air Sounding Data (Marion Island)
UKMC01 GMMC	Upper Air Sounding Data (Morocco)

Bulletin	Description
UKMF01 TFFR	Upper Air Sounding Data (Martinique)
UKMG01 FMMI	Upper Air Sounding Data (Madagascar)
UKMK01 AMMC	Upper Air Sounding Data (Macquarie Island)
UKMN01 TNCM	Upper Air Sounding Data (St Martin)
UKMO01 MNUB	Upper Air Sounding Data (Mongolia)
UKMS01,02 WMKK	Upper Air Sounding Data (Malaysia)
UKMX01 KWBC	Upper Air Sounding Data (Mexico)
UKNC01 NWBB	Upper Air Sounding Data (New Caledonia)
UKNF01 AMMC	Upper Air Sounding Data (Norfolk Island)
UKNG01 AMMC	Upper Air Sounding Data (Papua New Guinea)
UKNL01 EHDB	Upper Air Sounding Data (Netherlands)
UKNO11-13 ENMI	Upper Air Sounding Data (Norway)
UKNR01 DRRN	Upper Air Sounding Data (Niger)
UKNV01 NVVV	Upper Air Sounding Data (Vanuatu)
UKNZ02 NZKL	Upper Air Sounding Data (New Zealand)
UKOM10 OOMS	Upper Air Sounding Data (Oman)
UKPA01 RJTD	Upper Air Sounding Data (Western Pacific)
UKPF01-04 NTAA	Upper Air Sounding Data (French Polynesia)
UKPL01 SOWR	Upper Air Sounding Data (Poland)
UKQT10 OTBD	Upper Air Sounding Data (Qatar)
UKRA10-17 RUHB	Upper Air Sounding Data (Former Soviet Union)
UKRA10-16 RUNW	“ “
UKRS10-25 RUMS	“ “
UKSD10,12 OEJD	Upper Air Sounding Data (Saudi Arabia)
UKSG01 GOOY	Upper Air Sounding Data (Senegal)
UKSN01-03 ESWI	Upper Air Sounding Data (Sweden)
UKSO01 AMMC	Upper Air Sounding Data (Solomon Islands)
UKSP01 LEMM	Upper Air Sounding Data (Spain)
UKSR01 WSSS	Upper Air Sounding Data (Singapore)
UKST01 EGRR	Upper Air Sounding Data (St Helena/Ascension Island/Falklands)
UKSW01 LSSW	Upper Air Sounding Data (Switzerland)
UKTD01 TTPP	Upper Air Sounding Data (Trinidad/Tobago)
UKTH01 VTBB	Upper Air Sounding Data (Thailand)
UKTR10 UTAA	Upper Air Sounding Data (Former Soviet Union)
UKTV01 NGFU	Upper Air Sounding Data (Tuvalu)
UKUK01 EGRR	Upper Air Sounding Data (Thailand)
UKUR10 UKMS	Upper Air Sounding Data (Former Soviet Union)
UKUZ10 UTTW	Upper Air Sounding Data (Former Soviet Union)
UKVS01 VNNN	Upper Air Sounding Data (Vietnam)
UKXX23 KAWN	Upper Air Sounding Data (Antarctica)
UKYE10 OYSN	Upper Air Sounding Data (Yemen Arab Republic)

Bulletin	Description
UKYG01 LYBM	Upper Air Sounding Data (Yugoslavia)
UKZA01-03 FAPR	Upper Air Sounding Data (South Africa)
UKZB01 FLLS	Upper Air Sounding Data (Zambia)
UKZW01,02 FVHA	Upper Air Sounding Data (Zimbabwe)
ULAA01 AMMC,LFPW NZCM,NZSP	Upper Air Sounding Data (Antarctica)
ULAA10 RUML	" "
ULAG01-04 SABM	Upper Air Sounding Data (Argentina)
ULAI01 KWBC	Upper Air Sounding Data (Ascension Island)
ULAL01,02 DAMM	Upper Air Sounding Data (Algeria)
ULAU01-04 AMMC	Upper Air Sounding Data (Australia)
ULBA01 MYNN	Upper Air Sounding Data (Bahamas)
ULBE1,01 TXKF	Upper Air Sounding Data (Bermuda)
ULBX01 EBBR	Upper Air Sounding Data (Belgium)
ULBZ01-03 SBBR	Upper Air Sounding Data (Brazil)
ULCA1,01-03 KWBC	Upper Air Sounding Data (Caribbean)
ULCH01,02 SCSC	Upper Air Sounding Data (Chile)
ULCI01-09 BABJ	Upper Air Sounding Data (China)
ULCM01 FKKD	Upper Air Sounding Data (Cameroon)
ULCO01 SKBO	Upper Air Sounding Data (Colombia)
ULCV01 GVAC	Upper Air Sounding Data (Cape Verde)
ULCY01 LCLK	Upper Air Sounding Data (Cyprus)
ULCZ10 OKPR	Upper Air Sounding Data (Czech Republic)
ULDL01-03 EDZW	Upper Air Sounding Data (Germany)
ULDN01 EKMI	Upper Air Sounding Data (Denmark)
ULER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
ULET01 HAAB	Upper Air Sounding Data (Ethiopia)
ULFA01 EKMI	Upper Air Sounding Data (Faeroe Islands)
ULFG01 SOCA	Upper Air Sounding Data (French Guyana)
ULFI01-03 EFKL	Upper Air Sounding Data (Finland)
ULGE01 FAGE	Upper Air Sounding Data (Gough Island)
ULGI01 EGRR	Upper Air Sounding Data (Gibraltar)
ULGL04,06,08 BGSF	Upper Air Sounding Data (Greenland)
ULGR01 LGAT	Upper Air Sounding Data (Greece)
ULHE01 EGRR	Upper Air Sounding Data (St Helena Island)
ULHK01 VHHH	Upper Air Sounding Data (Hong Kong)
ULHU01,02 HABP	Upper Air Sounding Data (Hungary)
ULID01 WIIX	Upper Air Sounding Data (Indonesia)
ULIE01 EIDB	Upper Air Sounding Data (Ireland)
ULIL01 BIRK	Upper Air Sounding Data (Iceland)
ULIN01,02 DEMS	Upper Air Sounding Data (India)
ULIY01,02 LIIB	Upper Air Sounding Data (Italy)

Bulletin	Description
ULJD01 OJAM	Upper Air Sounding Data (Jordan)
ULJP01 RJTD	Upper Air Sounding Data (Japan)
ULKB01 NGTT	Upper Air Sounding Data (Kiribati)
ULKK01 AMMC	Upper Air Sounding Data (Cocos Island)
ULKN01 HKNC	Upper Air Sounding Data (Kenya)
ULKO01 RKSL	Upper Air Sounding Data (South Korea)
ULKR01 DKPY	Upper Air Sounding Data (North Korea)
ULKW10 OKBK	Upper Air Sounding Data (Kuwait)
ULKZ11,12 UAAA	Upper Air Sounding Data (Former Soviet Union)
ULLB01 OLBA	Upper Air Sounding Data (Lebanon)
ULMB01 FAME	Upper Air Sounding Data (Marion Island)
ULMC01 GMMC	Upper Air Sounding Data (Morocco)
ULMF01 TFFR	Upper Air Sounding Data (Guadeloupe)
ULMG01 FMMI	Upper Air Sounding Data (Madagascar)
ULMK01 AMMC	Upper Air Sounding Data (Macquarie Island)
ULMN01 TNCM	Upper Air Sounding Data (St Martin)
ULMS01 WMKK	Upper Air Sounding Data (Malaysia)
ULMT01 GQNN	Upper Air Sounding Data (Mauritania)
ULMX01 KWBC	Upper Air Sounding Data (Mexico)
ULNC01 NWBB	Upper Air Sounding Data (New Caledonia)
ULNF01 AMMC	Upper Air Sounding Data (Norfolk Island)
ULNG01 AMMC	Upper Air Sounding Data (Papua New Guinea)
ULNL01 EHDB	Upper Air Sounding Data (Netherlands)
ULNO11-13 ENMI	Upper Air Sounding Data (Norway)
ULNR01 DRRN	Upper Air Sounding Data (Niger)
ULNU01 TNCC	Upper Air Sounding Data (Caribbean)
ULNV01 NVVV	Upper Air Sounding Data (Vanuatu)
ULNZ02 NZKL	Upper Air Sounding Data (New Zealand)
ULOM10 OOMS	Upper Air Sounding Data (Oman)
ULPA01 RJTD	Upper Air Sounding Data (Western Pacific)
ULPF01-04 NTA	Upper Air Sounding Data (French Polynesia)
ULPL01 SOWR	Upper Air Sounding Data (Poland)
ULQT10 OTBD	Upper Air Sounding Data (Qatar)
ULRA10-17 RUHB	Upper Air Sounding Data (Former Soviet Union)
ULRA10-16 RUNW	“ “
ULRS10-19 RUMS	“ “
ULSB01 VCCC	Upper Air Sounding Data (Sri Lanka)
ULSD11,12 OEJD	Upper Air Sounding Data (Saudi Arabia)
ULSG01 GOOY	Upper Air Sounding Data (Senegal)
ULSN01,03,05 ESWI	Upper Air Sounding Data (Sweden)
ULSP01 LEMM	Upper Air Sounding Data (Spain)

Bulletin	Description
ULSR01 WSSS	Upper Air Sounding Data (Singapore)
ULSW01 LSSW	Upper Air Sounding Data (Switzerland)
ULTH01 VTBB	Upper Air Sounding Data (Thailand)
ULTR10 UTAA	Upper Air Sounding Data (Former Soviet Union)
ULTS01 DTTA	Upper Air Sounding Data (Tunisia)
ULTU10 LTAA	Upper Air Sounding Data (Turkey)
ULTV01 NGFU	Upper Air Sounding Data (Tuvalu)
ULUK01 EGRR	Upper Air Sounding Data (Thailand)
ULUR10,20 UKMS	Upper Air Sounding Data (Former Soviet Union)
ULUZ10 UTTW	“ “
ULYE10 OYSN	Upper Air Sounding Data (Yemen Arab Republic)
ULYG01 LYBM	Upper Air Sounding Data (Yugoslavia)
ULZB01 FLLS	Upper Air Sounding Data (Zambia)
ULZW01,02 FVHA	Upper Air Sounding Data (Zimbabwe)
UPAG01-04 SABM	Upper Air Sounding Data (Argentina)
UPAL01,02 DAMM	Upper Air Sounding Data (Algeria)
UPAU01,02 AMMC	Upper Air Sounding Data (Australia)
UPBD1 WBSB	Upper Air Sounding Data (Brunei)
UPBC01 FBSK	Upper Air Sounding Data (Botswana)
UPBM01 VBRR	Upper Air Sounding Data (Myanmar)
UPBU01 LZDO	Upper Air Sounding Data (Bulgaria)
UPBW01 VGDC	Upper Air Sounding Data (Bangladesh)
UPBZ01 SBRR	Upper Air Sounding Data (Brazil)
UPCE01 FEFF	Upper Air Sounding Data (Central African Republic)
UPCY01 LCLK,LCRA	Upper Air Sounding Data (Cyprus)
UPDL01-03 EDZW	Upper Air Sounding Data (Germany)
UPER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
UPET01 HAAB	Upper Air Sounding Data (Ethiopia)
UPFG01 SOCA	Upper Air Sounding Data (French Guiana)
UPFJ01 NFFN	Upper Air Sounding Data (Fiji)
UPGR01 LGAT	Upper Air Sounding Data (Greece)
UPHK01 VHHH	Upper Air Sounding Data (Hong Kong)
UPIN01,02 DEMS	Upper Air Sounding Data (India)
UPIS01 LLBD	Upper Air Sounding Data (Israel)
UPIY01 LIIB	Upper Air Sounding Data (Italy)
UPJP01 RJTD	Upper Air Sounding Data (Japan)
UPKK01 AMMC	Upper Air Sounding Data (Cocos Island)
UPKW10 OKBK	Upper Air Sounding Data (Kuwait)
UPLB01 OLBA	Upper Air Sounding Data (Lebanon)
UPMC01 GMMC	Upper Air Sounding Data (Morocco)
UPMF01 TFFR	Upper Air Sounding Data (Guadeloupe)

Bulletin	Description
UPMI01 GABS	Upper Air Sounding Data (Mali)
UPML01 LMMM	Upper Air Sounding Data (Malta)
UPMT01 GQNN	Upper Air Sounding Data (Mauritania)
UPNC01 NWBB	Upper Air Sounding Data (New Caledonia)
UPNF01 AMMC	Upper Air Sounding Data (Norfolk Island)
UPNR01 DRRN	Upper Air Sounding Data (Niger)
UPNZ02 NZKL	Upper Air Sounding Data (New Zealand)
UPOS01 LOWM	Upper Air Sounding Data (Austria)
UPPK01 OPKC	Upper Air Sounding Data (Pakistan)
UPRA10,17 RUHB	Upper Air Sounding Data (Former Soviet Union)
UPRS11 RUMS	“ “
UPSB01 VCCC	Upper Air Sounding Data (Sri Lanka)
UPSG01 GOOY	Upper Air Sounding Data (Senegal)
UPTG01 DXXX	Upper Air Sounding Data (Togo)
UPTH01 VTBB	Upper Air Sounding Data (Thailand)
UPTS01 DTTA	Upper Air Sounding Data (Tunisia)
UPUK01 EGRR	Upper Air Sounding Data (United Kingdom)
UPZA01,02 FAPR	Upper Air Sounding Data (South Africa)
UPZW40 FVHA	Upper Air Sounding Data (Zimbabwe)
UQAA01 NZCM	Upper Air Sounding Data (Antarctica)
UQBD20 WBSB	Upper Air Sounding Data (Brunei)
UQDL01-03 EDZW	Upper Air Sounding Data (Germany)
UQHK20 VHHH	Upper Air Sounding Data (Hong Kong)
UQIN20,21 DEMS	Upper Air Sounding Data (India)
UQIS21 LLBD	Upper Air Sounding Data (Israel)
UQIY20 LIIB	Upper Air Sounding Data (Italy)
UQMB01 FAME	Upper Air Sounding Data (Marion Island)
USAA01 AMMC,LFPW NZCM,NZSP	Upper Air Sounding Data (Antarctica)
USAG01-04 SABM	Upper Air Sounding Data (Argentina)
USAI01 KWBC	Upper Air Sounding Data (Ascension Island)
USAL01,02 DAMM	Upper Air Sounding Data (Algeria)
USAU02-04 AMMC	Upper Air Sounding Data (Australia)
USBA01 MYNN	Upper Air Sounding Data (Bahamas)
USBC01 FBSK	Upper Air Sounding Data (Botswana)
USBE1,01 TXKF	Upper Air Sounding Data (Bermuda)
USBR01 TBPB	Upper Air Sounding Data (Barbados)
USBU01 LZSO	Upper Air Sounding Data (Bulgaria)
USBW01 VGDC	Upper Air Sounding Data (Bangladesh)
USBY01 UMMN	Upper Air Sounding Data (Former Soviet Union)
USBZ01-03 SBBR	Upper Air Sounding Data (Brazil)
USCA01 KWBC	Upper Air Sounding Data (Caribbean)

Bulletin	Description
USCE01 FEFF	Upper Air Sounding Data (Central African Republic)
USCH01-03 SCSC	Upper Air Sounding Data (Chile)
USCI01-09 BABJ	Upper Air Sounding Data (China)
USCM01 FKKD	Upper Air Sounding Data (Cameroon)
USCO01 SKBO,SKSP	Upper Air Sounding Data (Colombia)
USCV01 GVAC	Upper Air Sounding Data (Cape Verde)
USCY01 LCLK	Upper Air Sounding Data (Cyprus)
USCZ10 OKPR	Upper Air Sounding Data (Czech Republic)
USDL01-03,40 EDZW	Upper Air Sounding Data (Germany)
USDN01 EKMI	Upper Air Sounding Data (Denmark)
USEG01 HECA	Upper Air Sounding Data (Egypt)
USER10 OMAA	Upper Air Sounding Data (United Arab Emirates)
USET01 HAAB	Upper Air Sounding Data (Ethiopia)
USFA01 EKMI	Upper Air Sounding Data (Faeroe Islands)
USFG01 SOCA	Upper Air Sounding Data (French Guiana)
USFI01-03 EFKL	Upper Air Sounding Data (Finland)
USFJ01 NFFN	Upper Air Sounding Data (Fiji)
USFR01 LFPW	Upper Air Sounding Data (France)
USGE01 FAGE	Upper Air Sounding Data (Gough Island)
USGI01 EGRR	Upper Air Sounding Data (Gibraltar)
USGL04,06,08 BGSF	Upper Air Sounding Data (Greenland)
USGR01 LGAT	Upper Air Sounding Data (Greece)
USHE01 EGRR	Upper Air Sounding Data (St Helena)
USHK01 VHHH	Upper Air Sounding Data (Hong Kong)
USHU01,02 HABP	Upper Air Sounding Data (Hungary)
USIE01 EIDB	Upper Air Sounding Data (Ireland)
USIL01 BIRK	Upper Air Sounding Data (Iceland)
USIN01-02 DEMS	Upper Air Sounding Data (India)
USIS01 LLBD	Upper Air Sounding Data (Israel)
USIV01 DIAP	Upper Air Sounding Data (Ivory Coast)
USIY01,02 LIIB	Upper Air Sounding Data (Italy)
USKA1 PTYA	Upper Air Sounding Data (Yap Island)
USKB01 NGTT	Upper Air Sounding Data (Kiribati)
USKK01 AMMC	Upper Air Sounding Data (Cocos Island)
USKN01 HKNC	Upper Air Sounding Data (Kenya)
USKO01 RKSL	Upper Air Sounding Data (South Korea)
USKR01 DKPY	Upper Air Sounding Data (North Korea)
USKW10 OKBK	Upper Air Sounding Data (Kuwait)
USKY10 UAFF	Upper Air Sounding Data (Former Soviet Union)
USKZ11,12 UAAA	“ “
USLB01 OLBA	Upper Air Sounding Data (Lebanon)

Bulletin	Description
USLY01 HLLT	Upper Air Sounding Data (Libya)
USMA01 FIMP	Upper Air Sounding Data (Mauritius)
USMB01 FAME	Upper Air Sounding Data (Marion Island)
USMC01 GMMC	Upper Air Sounding Data (Morocco)
USMF01 TFFR	Upper Air Sounding Data (Guadeloupe)
USMG01 FMMI	Upper Air Sounding Data (Madagascar)
USMI01 GABS	Upper Air Sounding Data (Mali)
USMK01 AMMC	Upper Air Sounding Data (Macquarie Island)
USMN01 TNCM	Upper Air Sounding Data (St Martin)
USMO01 MNUB	Upper Air Sounding Data (Mongolia)
USMX01 KWBC	Upper Air Sounding Data (Mexico)
USNC01 NWBB	Upper Air Sounding Data (New Caledonia)
USNF01 AMMC	Upper Air Sounding Data (Norfolk Island)
USNG01 AMMC	Upper Air Sounding Data (Papua New Guinea)
USNL01 EHDB	Upper Air Sounding Data (Netherlands)
USNO11-13 ENMI	Upper Air Sounding Data (Norway)
USNR1 DRRN	Upper Air Sounding Data (Niger)
USNU01 TNCC	Upper Air Sounding Data (Caribbean)
USNV01 NVVV	Upper Air Sounding Data (Vanautu)
USNZ02 NZKL	Upper Air Sounding Data (New Zealand)
USOS01 LOWM	Upper Air Sounding Data (Austria)
USPA01 RJTD	Upper Air Sounding Data (Western Pacific)
USPF01-04 NTAA	Upper Air Sounding Data (French Polynesia)
USPK01 OPKC	Upper Air Sounding Data (Pakistan)
USPL01 SOWR	Upper Air Sounding Data (Poland)
USQT10 OTBD	Upper Air Sounding Data (Qatar)
USRA10-17 RUHB	Upper Air Sounding Data (Former Soviet Union)
USRA10-16 RUNW	“ “
USRO01 YRBK	Upper Air Sounding Data (Romania)
USRS10-19,21-25 29 RUMS	Upper Air Sounding Data (Former Soviet Union)
USSD10,12 OEJD	Upper Air Sounding Data (Saudi Arabia)
USSG01 GOOY	Upper Air Sounding Data (Senegal)
USSN01,03,05 ESWI	Upper Air Sounding Data (Sweden)
USSP01 LEMM	Upper Air Sounding Data (Spain)
USSR01 WSSS	Upper Air Sounding Data (Singapore)
USSW01 LSSW	Upper Air Sounding Data (Switzerland)
USTD01 TTPP	Upper Air Sounding Data (Trinidad/Tobago)
USTH01 VTBB	Upper Air Sounding Data (Thailand)
USTR10 UTAA	Upper Air Sounding Data (Former Soviet Union)
USTU10 LTAA	Upper Air Sounding Data (Turkey)
USTV01 NGFU	Upper Air Sounding Data (Tuvalu)

Bulletin	Description
USUK01 EGRR	Upper Air Sounding Data (United Kingdom)
USUR10,20 UKMS	Upper Air Sounding Data (Former Soviet Union)
USUZ10 UTTW	“ “
USVS01 VNNN	Upper Air Sounding Data (Vietnam)
USYE10 OYSN	Upper Air Sounding Data (Yemen Arab Republic)
USYG01 LYBM	Upper Air Sounding Data (Yugoslavia)
USZA01,02 FAPR	Upper Air Sounding Data (South Africa)
USZB01 FLLS	Upper Air Sounding Data (Zambia)
USZW01,02 FVHA	Upper Air Sounding Data (Zimbabwe)
WABZ SBRE	Airmet (Brazil)
WABZ18 SBGR	“ “
WABZ19 SBEG,SBBE	“ “
WABZ20 SBEG	“ “
WABZ21 SBRE,SBRF	“ “
WABZ22 SBBR	“ “
WABZ23 SBGL	“ “
WABZ24 SBCW	“ “
WACA31 MDSD	Airmet (Dominican Republic)
WAE31 HECA	Airmet (Egypt)
WAEW31 LEMM	Airmet (Spain)
WAHU41 LHBM	Airmet (Hungary)
WAIS31 LLBG	Airmet (Israel)
WAIY31 LIIB,LIMM	Airmet (Italy)
WASQ41 LZIB	Airmet (Slovakia)
WAZA42 FAJS	Airmet (South Africa)
WAZA43 FABL	“ “
WAZA44 FADN	“ “
WAZA45 FAPE	“ “
WAZA46 FACT	“ “
WEIO21 PHEB	Tsunami Message (Indian Ocean)
WEPA40 PTKK,PTPN PTRO,PTYA	Tsunami Message (West Pacific Islands)
WEPA40 RJTD	Tsunami Message/Warning (Japan)
WEPA40 RKSL	Tsunami Message (South Korea)
WEPA40 RUHB	Tsunami Message/Warning (Former Soviet Union)
WEPA40 VHHH	Tsunami Message/Warning (Hong Kong)
WHMC31 GMMC	Special Marine Bulletin (Morocco)
WOAU01 ABRF	High Seas Weather Warning (Australia)
WOAU05-08,12 APRF	“ “
WOAU11 APRM	“ “
WOBW20 VGDC	Earthquake Message (Bangladesh)
WOIO20 FMEE	Marine Weather Advisory (Reunion)

Bulletin	Description
WOIR01 OIII	Weather Warning (Iran)
WONT41 LEMM	Weather Advisory (Spain)
WONT50 LFPW	Marine Weather Warning (France)
WONT54 EGRR	Storm Warning (United Kingdom)
WOPF10 NTAA	Marine Weather Advisory (French Polynesia)
WOPS01 NFFN	Gale Warning (Fiji)
WOSR20 WSSS	Weather Warning (Singapore)
WSAG SAEZ,SARE	Sigmet
WSAL20 DAMM	“ “
WSAO20 GOOY	“ “
WSAS20 VGEG	“ “
WSAU21 ABRF,AYPY	“ “
WSAU21 YBLT	“ “
WSAW31 LOWM	“ “
WSAZ31 LPMG,LPPT	“ “
WSBC40 FBSK	“ “
WSBN20 OBBI	“ “
WSBW20 VGZR	“ “
WSBZ SBBE,SBBR SBCW,SBGL SBGR,SBRF	“ “
WSBZ18 SBGR	“ “
WSBZ19 SBBE	“ “
WSBZ20 SBEG	“ “
WSBZ22 SBBR	“ “
WSBZ23 SBGL	“ “
WSBZ24 SBCW	“ “
WSCA MUHA	“ “
WSCA31 MKJP,SYCJ TTPP	“ “
WSCH01 SCEL	“ “
WSCI31 RCTP	“ “
WSCU31 MUHA	“ “
WSCY31 LCLK	“ “
WSCZ31 LKPR	“ “
WSDL31 EDZE,EDZO	“ “
WSDR31 MDSD	“ “
WSEE31 EPWA,UBBB UGEE,UMMS UUWW,UWUU	“ “
WSEG31 HECA	“ “
WSEM31 LHBP	“ “
WSEO31 EETN	“ “

Bulletin	Description	
WSEW31 LEMM	Sigmat	
WSFG20 SOCA	"	"
WSFI31,32 EFHK	"	"
WSFR31 LFPW	"	"
WSGL31 BGSF	"	"
WSGR31 LGAT	"	"
WSHU31 LHBM	"	"
WSIE31 EIDB	"	"
WSIN90 VABB,VIDP	"	"
WSIL31 BICC	"	"
WSIS31 LLBG	"	"
WSIY31 LIIB	"	"
WSJP31 RJAA	"	"
WSKO31 RKSI,RKSS	"	"
WSLT31 EYVI	"	"
WSLV31 EVRA	"	"
WSMC31 GMMC	"	"
WSMJ31 LWSK	"	"
WSMS21,31 WMKK	"	"
WSMW40 FWLI	"	"
WSMX24 MMMX	"	"
WSNG01 AYPY	"	"
WSNL31 EHAM	"	"
WSNO31,35 ENMI	"	"
WSNT21 EGGY	"	"
WSNZ21 NZKL	"	"
WSOS31 LOWM	"	"
WSPF21 NTAA	"	"
WSPK31 OPFA	"	"
WSPN31 RPLL	"	"
WSPR01 SPIM	"	"
WSPS21 NKZL	"	"
WSRA31 RUOM,RUSH UAAA	"	"
WSRS31 RUAA,RUDS RUEK,RUIR RUKR,RUNN RURD,RUSM RUSP	"	"
WSSB31 VCBI	"	"
WSSD20 OEJD	"	"
WSSN31 ESWI	"	"
WSSS20 VHHH	"	"

Bulletin	Description
WSSR20 WSSS	Sigmet
WSSU31 HSSS	“ “
WSTD31 TTPP	“ “
WSTS31 DTTA	“ “
WSTU31 LTAC	“ “
WSTU31 LTBA	“ “
WSUK31 EGGY	“ “
WSUR33-35 UKMS	“ “
WSUY01 SUMU	“ “
WSVN20 SVMI	“ “
WSVS31 VVNB,VVTS	“ “
WSYG31 LYBE,LYBM LQSM	“ “
WSZA21 FAPR	“ “
WSZA44 FADN	“ “
WVAG01 SABE,SAME	Volcanic Ash Sigmet (Argentina)
WVAS31 LOWM,RPLL	Volcanic Ash Advisory (Asia)
WVAS31 RKSS	Volcanic Activity Report (South Korea)
WVAU01 ADRM	Volcanic Ash Statement/Advisory (Australia)
WVCA31 MHTG	Volcanic Ash Sigmet (Honduras)
WVCA31 MMID	Volcanic Ash Sigmet (Mexico)
WVCA31 TTPP	Volcanic Ash Sigmet (Trinidad/Tobago)
WVCH01 SCSC	Volcanic Ash Sigmet (Chile)
WVEQ01 SEQU	Volcanic Ash Advisory (Ecuador)
WVEQ31 SEGU	“ “
WVEU31 LIBB	Volcanic Ash Sigmet (Italy)
WVEU31 UHPP	Volcanic Activity Report (Russian Federation)
WVFJ01 NFFN	Volcanic Ash Sigmet (Fiji)
WVIL31 BICC	Volcanic Ash Sigmet (Iceland)
WVIY31 LIBB,LIMM	Volcanic Ash Sigmet (Italy)
WVJP31 RJAA	Volcanic Ash Sigmet (Japan)
WVMX31 MMEX MMM	Volcanic Ash Sigmet (Mexico)
WVNG01 AYPY	Volcanic Ash Sigmet (Papua New Guinea)
WVNT21 EGGY,EGRR	Volcanic Ash Sigmet (United Kingdom)
WVNZ21 NZKL	Volcanic Ash Sigmet (New Zealand)
WVOC31 ADRM	Volcanic Ash Statement/Advisory (Australia)
WVPQ21 PGUM	Volcanic Ash Sigmet (Western Pacific)
WVPR01 SPIM	Volcanic Ash Sigmet (Peru)
WVPS31 NZKL	Volcanic Ash Sigmet (New Zealand)
WVRA01 RUHB	Volcanic Ash Sigmet (Russian Federation)
WVUK31 EGGY	Volcanic Ash Sigmet (United Kingdom)

Bulletin	Description
WWAA01,02 SAWB	Weather Bulletin for Shipping (Argentina)
WWBW20 VGDC	Daily Weather Summary (Bangladesh)
WWBW31 VGEG	Aerodrome Forecast (Bangladesh)
WWCY31 LCLK	Weather Warning (Cyprus)
WWGL BGTL	Off Base Weather Warning (Greenland)
WWJP25 RJTD	Marine Warning and Summary (Tokyo)
WWMM30,31 LERT	High Wind and Seas Warning (Mediterranean Sea)
WWPK20 OPKC	Weather Bulletin (Pakistan)
WWPW30 RJTX	High Wind and Seas Warning (Northwestern Pacific)
WWQT20 OTBD	Marine Warning (Qatar)
WWSD20 OEJD	Aerodrome Warning (Saudi Arabia)
WWST01,02 SABM	Weather Bulletin for Shipping (Argentina)
WWST01,02 SBBR	Weather and Sea Bulletin (Brazil)
WWNZ40 NZKL	Gale/Storm Warning (New Zealand)

Chapter 6

Custom Bulletins

HCSN custom headers

Below is a list of bulletin headers sent out over WSI's High Capacity Satellite Network (HCSN) with "KWSI" as the originating station.

Bulletin	Description
AEUS99	Ozone Forecast
FDCNO	FDC notams
FPUS4	Coded City Forecasts (FP4)
MELOC	Mesonet Data (Metar format)
NONA	U.S./Canada civilian one-line notams
NONA18-19	U.S. military notams
NONA31-43	U.S. civilian expanded notams
NONA44-45	Canadian expanded notams
NONA50	Puerto Rico notams
NONA53	Alaska notams
NONA54	Hawaii notams
NONT01	NAT Tracks
NOXX01	International Notams
NOXX02	U.S. civilian notams (ICAO format)
NOXX20	U.S. military notams (ICAO format)
SDUS99	Text version of radsum/storm tracker
WNOF01	Aviation flow control message
WWUS32	Severe Weather Watch Outline Update Message
DAILY	Plain language text messages informing of outages, updates, and changes.
PRODUCT	" " "
URGENT	" " "

Other custom headers include:

Bulletin	Description
ABUS1 KWBC	WSI Daily U.S. High/Low Temperatures/Historical Weather
SANA KESD	Synthetic SAs from the U.S. and Canada

WSI format changes

Below is a list of bulletins that have been changed by WSI over HCSN to the format prior to the NWS Modernization and Associated Restructuring. In the following cases, the source identifiers for these bulletins are the three letter WFO identifiers as summarized in Appendix A.

Product	HCSN bulletin format	NWS bulletin format
Coastal Flood Watch/ Warning/ Statement	FZUS68	WHUS41,42,44,46
Daily Climate Report	CSUS2	CDUS41-46
Flash Flood Guidance	FOUS44	FOUS61-66
Flash Flood Statement	RWUS32	WGUS71-76
Flash Flood Warning	WRUS1	WGUS51-56
Flash Flood Watch	RWUS31	WGUS61-66
Flood Statement	RWUS42	WGUS81-86
Local Forecast	FQUS1	FLUS81-86
Local Storm Report	WWUS30	NWUS51-56
Non-Precipitation Event Watch/ Warning	WWUS45	WWUS71-76
Revised Digital Forecast	FOUS41	FOUS51-56
Severe Local Storms Watch Outline	WWUS32	WWUS61-66
Severe Thunderstorm Warning	WUUS1	WUUS51-56
Severe Weather Statement	WWUS34	WWUS51-56
Severe Weather Watch Outline Update Message	WWUS32 KWSI	WOUS64 KWNS
Short Term Forecast	FXUS21	FPUS71-76
Special Marine Warning	WMUS1	WHUS51-54,56
Special Weather Statement	WWUS35	WWUS81-86
State Forecast	FPUS1	FPUS61-66
Tornado Warning	WFUS1	WFUS51-56
Winter Weather Watch/Warning/ Advisory	WWUS46	WWUS41-46

Source identifier changes

In the cases below, some bulletin headers did change and some did not, but the source identifiers did change.

Product	HCSN bulletin format	NWS bulletin format
Inland Tropical Cyclone Bulletin	WTNT31-35 KNHC	WTNT31-35 KWNH
NAM Numerical Output	FOUS60-73,77,78 KWBC	FOUS60-73,77,78 KWNO
GFS MOS Extended Output (AK)	FEAK20 KWBC	FEAK20-24 KWNO
GFS MOS Output (AK)	FOAK20 KWBC	FOAK20-24 KWNO
NGM MOS Output (AK)	FOAK13 KWBC	FOAK25-29 KWNO
NGM MOS Output (US)	FOUx01-15 KWBC	FOUx01-15 KWNO
NGM MOS Output (US)	FOUS14 KWBC	FOUS14 KWNO
NGM Numerical Output (AK)	FOUS86-90 KWBC	FOUS86-90 KWNO
NGM Numerical Output (Can)	FOCN74-76 KWBC	FOCN74-76 KWNO
NGM Numerical Output (Car)	FOCA51-52 KWBC	FOCA51-52 KWNO
NGM Numerical Output (GoM)	FOGX77 KWBC	FOGX77 KWNO
NGM Numerical Output (HI)	FOHW50 KWBC	FOUHW50 KWNO
NGM Numerical Output (US)	FOUx60-73,78,80-84 KWBC	FOUx60-73,78,80-84 KWNO
Selected Cities Forecast (CA)	ABUS11 KLAX,KSFO	FPUS46 KLOX,KMTR
Selected Cities Forecast (US)	ABUS11-14 KWBC	FPUS20-23 KWNH
Travelers Forecast Table (US)	FPUS10-13 KWBC	FPUS10-13 KWNH
Wind/Temperature Aloft Forecast	FDAK1,2,3 KWBC	FBAK31,33,35 KWNO
“ “	FDCN40,41,42 KWBC	FBCN31,33,35 KWNO
“ “	FDUS8,9,10 KWBC	FBUS37,38,39 KWNO
“ “	FDUS11,13,15 KWBC	FBUS31,33,35 KWNO

Appendices

Appendix A

Weather Forecast Offices (WFO)

The following list summarizes WFOs for the National Weather Service.

Northeast region

AKQ	Norfolk/Wakefield, VA
ALY	Albany/East Berne, NY
BGM	Binghamton, NY
BOX	Boston/Taunton, MA
BTV	Burlington, VT
BUF	Buffalo, NY
CAR	Caribou, ME
CLE	Cleveland, OH
CTP	State College, PA
GYX	Portland/Gray, ME
ILN	Cincinnati/Wilmington, OH
LWX	Washington, DC/Sterling, VA
OKX	New York City/Brookhaven, NY
PBZ	Pittsburgh/Coraopolis, PA
PHI	Philadelphia, PA/Mount Holly, NJ
RLX	Charleston/Ruthdale, WV
RNK	Roanoke/Blacksburg, VA

Southeast region

CAE	Columbia, SC
CHS	Charleston, SC
FFC	Atlanta/Peachtree City, GA
GSP	Greenville-Spartanburg/Greer, SC
ILM	Wilmington, NC
JAX	Jacksonville, FL
KEY	Key West, FL
MFL	Miami, FL
MHX	Morehead City/Newport, NC
MLB	Melbourne, FL
RAH	Raleigh/Durham, NC
TAE	Tallahassee, FL
TBW	Tampa/Ruskin, FL
TJSJ	San Juan, PR

North central region

ABR	Aberdeen, SD
APX	Alpena/Gaylord, MI
ARX	La Crosse, WI
BIS	Bismarck, ND
DDC	Dodge City, KS
DLH	Duluth, MN
DMX	Des Moines/Johnston, IA
DTX	Detroit/Pontiac, MI
DVN	Quad Cities/Davenport, IA
FGF	Fargo/Grand Forks, ND
EAX	Kansas City/Pleasant Hill, MO
FSD	Sioux Falls, SD
GID	Hastings, NE
GLD	Goodland, KS
GRB	Green Bay, WI
GRR	Grand Rapids, MI
ICT	Wichita, KS
ILX	Lincoln, IL
IND	Indianapolis, IN
IWX	North Webster, IN
JKL	Jackson/Noctor, KY
LBF	North Platte, NE
LMK	Louisville, KY
LOT	Chicago/Romeoville, IL
LSX	St Louis, MO
MPX	Minneapolis/Chanhassen, MN
MKX	Milwaukee/Dousman, WI
MQT	Marquette, MI
OAX	Omaha/Valley, NE
PAH	Paducah, KY
SGF	Springfield, MO
TOP	Topeka, KS
UNR	Rapid City, SD

South central region

AMA	Amarillo, TX
BMX	Birmingham, AL
BRO	Brownsville, TX
CRP	Corpus Christi, TX
EPZ	El Paso, TX/Santa Theresa, NM
EWX	Austin/San Antonio/New Braunfels, TX
FWD	Dallas/Fort Worth, TX
HUN	Huntsville, AL
HGX	Houston/Dickinson, TX
JAN	Jackson, MS
LCH	Lake Charles, LA
LIX	New Orleans/Slidell, LA
LUB	Lubbock, TX
LZK	North Little Rock, AR
MAF	Midland, TX
MEG	Memphis/Germantown, TN
MOB	Mobile, MS
MRX	Knoxville/Tri Cities/Morristown, TN
OHX	Nashville/Old Hickory, TN
OUN	Oklahoma City/Norman, OK
SHV	Shreveport, LA
SJT	San Angelo, TX
TSA	Tulsa, OK

Mountain region

ABQ	Albuquerque, NM
BOI	Boise, ID
BOU	Denver/Boulder, CO
BYZ	Billings, MT
CYS	Cheyenne, WY
FGZ	Flagstaff/Bellemont, AZ
GGW	Glasgow, MT
GJT	Grand Junction, CO
LKN	Elko, NV
MSO	Missoula, MT
PIH	Pocatello, ID
PSR	Phoenix, AZ
PUB	Pueblo, CO
REV	Reno, NV
RIW	Riverton, WY
SLC	Salt Lake City, UT
TFX	Great Falls, MT
TWC	Tucson, AZ
VEF	Las Vegas, NV

Western region

EKA	Eureka, CA
HNX	Hanford, CA
LOX	Los Angeles/Oxnard, CA
MFR	Medford, OR
MTR	San Francisco/Monterey, CA
OTX	Spokane, WA
PDT	Pendelton, OR
PQR	Portland, OR
SEW	Seattle, WA
SGX	San Diego, CA
STO	Sacramento, CA

Alaskan region

PAFC	Anchorage, AK
PAFG	Fairbanks, AK
PAJK	Juneau, AK

Pacific region

NSTU	Pago Pago, AS
PGUM	Tiyan, GU
PHFO	Honolulu, HI

Appendix B

River Forecast Centers (RFC)

Code	Description
ALR/ATR	Southeast RFC/Peachtree City, GA
FWR	West Gulf RFC/Forth Worth, TX
KRF/KSR	Missouri Basin RFC/Pleasant Hill, MO
MSR	North Central RFC/Chanhassen, MN
ORN	Lower Mississippi RFC/Sildell, LA
PACR	Alaska RFC/Anchorage, AK
PTR	Northwest RFC/Portland, OR
RHA	Middle Atlantic RFC/State College, PA
RSA	California-Nevada RFC/Sacramento, CA
STR	Colorado Basin RFC/Salt Lake City, UT
TAR	Northeast RFC/Taunton, MA
TIR	Ohio RFC/Wilmington, OH
TUA/TUR	Arkansas-Red Basin RFC/Tulsa, OK

Appendix C

U.S. Hourly Reporting Stations

ALASKA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AK	ADAK ISLAND	PADK	ADK	70454	51 53N	176 39W	4
AK	AKHIOK	PAKH	AKK		56 56N	154 11W	13
AK	AMBLER	PAFM	AFM		67 06N	157 51W	88
AK	ANAKTUVUK PASS	PAKP	AKP		68 08N	151 44W	642
AK	ANCHORAGE INTL	PANC	ANC	70273	61 10N	150 01W	38
AK	ANCHORAGE/ELMEND	PAED	EDF	70272	61 15N	149 48W	59
AK	ANCHORAGE/LAKE H	PALH	LHD		61 11N	149 58W	22
AK	ANCHORAGE/MERRIL	PAMR	MRI		61 13N	149 51W	41
AK	ANGOON	PAGN	AGN	70383	57 30N	134 35W	0
AK	ANIAK	PANI	ANI	70232	61 35N	159 32W	26
AK	ANNETTE ISLAND	PANT	ANN	70398	55 02N	131 34W	36
AK	ANVIK	PANV	ANV		62 39N	160 11W	99
AK	ARCTIC VILLAGE	PARC	ARC		68 07N	145 35W	636
AK	ATKA	PAAK	AKA		52 13N	174 12W	17
AK	ATQASUK	PATQ	ATK		70 28N	157 26W	29
AK	BARROW	PABR	BRW	70026	71 18N	156 47W	7
AK	BARTER ISLAND	PABA	BTI	70086	70 08N	143 38W	2
AK	BETHEL	PABE	BET	70219	60 47N	161 48W	41
AK	BETTLES	PABT	BTT	70174	66 55N	151 31W	195
AK	BIG RIVER LAKES	PALV	LVR		60 49N	152 18W	12
AK	BIRCHWOOD	PABV	BCV		61 25N	149 31W	29
AK	BUCKLAND	PABL	BVK		65 59N	161 09W	7
AK	CANTWELL	PATW	TTW		63 23N	148 57W	668
AK	CAPE LISBURNE	PALU	LUR	70104	68 53N	166 08W	3
AK	CAPE NEWENHAM	PAEH	EHM	70305	58 39N	162 04W	161
AK	CAPE ROMANZOF	PACZ	CZF	70212	61 47N	166 02W	146
AK	CAPE SPENCER	PACA	CSP	70365	58 12N	136 38W	26
AK	CENTRAL	PARL	CEM		65 34N	144 47W	284
AK	CHANDALAR LAKE	PALR	WCR		67 30N	148 29W	585
AK	CHIGNIK BAY	PAJC	AJC		56 19N	158 22W	15
AK	CHULITNA	PAEC	IEC		62 53N	149 50W	381
AK	COLD BAY	PACD	CDB	70316	55 12N	162 43W	30
AK	CORDOVA	PACV	CDV	70296	60 30N	145 30W	12
AK	DEADHORSE	PASC	SCC		70 12N	148 28W	15
AK	DEADHORSE/ALPINE	PALP	AK1		70 21N	150 57W	5
AK	DEERING	PADE	DEE		66 04N	162 46W	5
AK	DELTA JUNCTION	PABI	BIG	70267	64 00N	145 44W	386
AK	DILLINGHAM	PADL	DLG	70321	59 03N	158 31W	26
AK	EAGLE	PAEG	EAA		64 47N	141 09W	268
AK	EGEGIK	PAII	EII		58 11N	157 23W	30
AK	ELFIN COVE	PAEL	ELV		58 12N	136 21W	3
AK	EMMONAK	PAEM	ENM		62 46N	164 31W	3
AK	EUREKA	PAZK	AZK		61 56N	147 10W	1003
AK	FAIRBANKS	PAFA	FAI	70261	64 49N	147 52W	132
AK	FAIRBANKS/EIELSO	PAEI	EIL	70265	64 40N	147 06W	167

AK FAREWELL LAKE	PAFK	FKK		62	33N	153	37W	321
AK FORT WAINWRIGHT	PAFB	FBK		64	50N	147	37W	137
AK FORT YUKON	PFYU	FYU	70194	66	34N	145	15W	132
AK GALBRAITH LAKE	PAGB	GBH		68	29N	149	29W	811
AK GALENA	PAGA	GAL	70222	64	44N	156	56W	46
AK GAMBELL	PAGM	GAM	70204	63	46N	171	44W	8
AK GOLOVIN	PAGL	GLV		64	33N	163	02W	8
AK GULKANA	PAGK	GKN	70271	62	09N	145	27W	481
AK GUSTAVUS	PAGS	GST	70367	58	25N	135	44W	9
AK HAINES	PAHN	HNS		59	15N	135	31W	5
AK HAYES RIVER	PAHZ	HZZ		61	59N	152	05W	305
AK HEALY	PAHV	HVI		63	50N	149	00W	396
AK HOLY CROSS	PAHC	HCA		62	11N	159	47W	21
AK HOMER	PAHO	HOM	70341	59	38N	151	30W	28
AK HOONAH	PAOH	HNH		58	06N	135	25W	6
AK HOOPER BAY	PAHP	HPB		61	32N	166	09W	5
AK HUSLIA	PAHL	HLA		65	42N	156	21W	65
AK HYDABURG	PAHY	HYG		55	12N	132	50W	0
AK IGIUGIG	PAIG	IGG		59	19N	155	54W	27
AK ILIAMNA	PAIL	ILI	70340	59	45N	154	55W	49
AK JUNEAU	PAJN	JNU	70381	58	22N	134	35W	5
AK KAKE	PAFE	AFE		56	58N	133	55W	45
AK KALSKAG	PALG	KLK		61	32N	160	20W	17
AK KALTAG	PAKV	KAL		64	20N	158	45W	61
AK KENAI	PAEN	ENA	70259	60	34N	151	15W	27
AK KETCHIKAN	PAKT	KTN	70395	55	21N	131	42W	28
AK KING COVE	PAVC	KVC		55	07N	162	16W	47
AK KING SALMON	PAKN	AKN	70326	58	41N	156	39W	17
AK KIPNUK	PAKI	IIK		59	56N	164	02W	3
AK KIVALINA	PAVL	KVL		67	44N	164	33W	3
AK KLAWOCK	PAKW	AKW		55	35N	133	04W	15
AK KODIAK	PADQ	ADQ	70350	57	45N	152	30W	34
AK KOLIGANEK	PAJZ	JZZ		59	44N	157	16W	82
AK KOTZEBUE	PAOT	OTZ	70133	66	52N	162	38W	3
AK KOYUK	PAKK	KKA		64	57N	160	48W	40
AK KUPARUK	PAKU	UBW		70	19N	149	35W	2
AK KWIGILLINGOK	PAGG	GGV		59	53N	163	10W	5
AK MANLEY HOT SPRIN	PAML	MLY		65	00N	150	39W	81
AK MANOKOTAK	PAMB	MBA		58	59N	159	03W	16
AK MARSHALL	PADM	MDM		61	52N	162	02W	31
AK MCCARTHY	PAMX	MXY		61	26N	142	55W	455
AK MCGRATH	PAMC	MCG	70231	62	58N	155	37W	103
AK MCKINLEY PARK	PAIN	INR		63	44N	148	55W	524
AK MEKORYUK	PAMY	MYU		60	22N	166	16W	13
AK MERRILL PASS WES	PAER	ERW		61	16N	153	48W	358
AK METLAKATLA	PAMM	MTM		55	08N	131	35W	1
AK MIDDLETON ISLAND	PAMD	MDO	70343	59	26N	146	20W	14
AK MINCHUMINA	PAMH	MHM	70246	63	54N	152	16W	214
AK MOUNTAIN VILLAGE	PAMO	MOU		62	06N	163	41W	102
AK NABESNA	PABN	IBN		62	24N	143	00W	880
AK NELSON LAGOON	PAOU	OUL		56	00N	161	10W	4
AK NENANA	PANN	ENN	70260	64	33N	149	05W	110
AK NEW STUYAHOK	PANW	KNW		59	27N	157	20W	92
AK NIKOLAI	PAFS	FSP		63	01N	154	22W	126

AK NOME	PAOM	OME	70200	64	30N	165	26W	11
AK NORTHWAY	PAOR	ORT	70291	62	58N	141	56W	523
AK NOTATAK	PAWN	WTK		67	34N	162	59W	30
AK NUIQSUT	PAQT	AQT		70	13N	150	59W	17
AK PALMER	PAAQ	PAQ	70274	61	36N	149	05W	73
AK PAXSON	PAXK	PXK		63	02N	145	30W	809
AK PERRYVILLE	PAPE	PEV		55	54N	159	09W	7
AK PETERSBURG	PAPG	PSG	70386	56	49N	132	58W	15
AK PILOT POINT	PAPN	PNP		57	35N	157	34W	17
AK PLATINUM	PAPM	PTU		59	01N	161	49W	5
AK POINT HOPE	PAPO	PHO		68	21N	166	48W	6
AK POINT LAY	PPIZ	PIZ	70121	69	44N	163	00W	8
AK PORT ALEXANDER	PAAP	AHP		56	14N	134	39W	6
AK PORT ALSWORTH	PALJ	PJA		60	12N	154	18W	81
AK PORT CLARENCE	PAPC	KPC	70119	65	15N	166	52W	3
AK PORT HEIDEN	PAPH	PTH	70333	56	57N	158	37W	29
AK PORTAGE GLACIER	PATO	POR		60	47N	148	51W	31
AK PROSPECT CREEK	PAPR	PPC		66	49N	150	39W	335
AK PUNTILLA LAKE	PAPT	PTI	70249	62	06N	152	45W	558
AK REG DOG	PARD	AED		68	02N	162	54W	297
AK RUBY	PARY	RBV		64	44N	155	28W	199
AK RUSSIAN MISSION	PARS	RSH		61	47N	161	19W	15
AK SAINT MARYS	PASM	KSM		62	04N	163	18W	92
AK ST MICHAEL	PAMK	SMK		63	29N	162	07W	28
AK ST PAUL ISLAND	PASN	SNP	70308	57	09N	170	13W	29
AK SAND POINT	PASD	SDP		55	20N	160	30W	7
AK SAVOONGA	PASA	SVA		63	41N	170	30W	16
AK SCAMMON BAY	PACM	SCM		61	51N	165	34W	4
AK SELAWIK	PASK	WLK		66	36N	159	59W	8
AK SELDOVIA	PASO	SOV		59	27N	151	42W	9
AK SEWARD	PAWD	SWD	70277	60	07N	149	27W	23
AK SHEEP MOUNTAIN	PASP	SMU		61	49N	147	30W	838
AK SHEMA	PASY	SYA	70414	52	43N	174	07E	31
AK SHISHMAREF	PASH	SHH		66	16N	166	02W	2
AK SITKA	PASI	SIT	70371	57	04N	135	21W	5
AK SKAGWAY	PAGY	SGY	70362	59	28N	135	18W	5
AK SKWENTNA	PASW	SKW	70255	61	58N	151	12W	48
AK SLANA	PADT	DDT		62	44N	143	55W	738
AK SLEETMUTE	PASL	SLQ		61	43N	157	09W	55
AK SNOWSHOE LAKE	PALK	LLK		62	02N	142	40W	735
AK SOLDOTNA	PASX	SXQ		60	29N	151	02W	32
AK SPARREVOHN	PASV	SVW	70235	61	06N	155	34W	484
AK ST GEORGE	PAPB	PBV		56	35N	169	40W	35
AK SUTTON	PAJV	JVM		61	43N	148	53W	263
AK TAKOTNA	PATL	TLJ		62	54N	155	59W	294
AK TALKEETNA	PATK	TKA	70251	62	18N	150	06W	109
AK TANANA	PATA	TAL	70178	65	10N	152	06W	67
AK TELLER	PATE	TER		65	14N	166	20W	90
AK TIN CITY	PATC	TNC	70117	65	34N	167	55W	83
AK TOGIAK	PATG	TOG		59	03N	160	23W	4
AK TOKSOOK BAY	PAOO	OOK		60	32N	165	07W	4
AK UNALAKLEET	PAUN	UNK	70207	63	53N	160	48W	6
AK UNALASKA	PADU	DUT	70489	53	54N	166	32W	4
AK UTOPIA CREEK	PAIM	UTO	70173	66	00N	153	42W	372

AK VALDEZ	PAVD	VDZ		61 08N	146 15W	134
AK WAINWRIGHT	PAWI	AWI	70030	70 37N	159 51W	27
AK WASILLA	PAWS	IYS		61 34N	149 32W	106
AK WHITTIER	PAWR	IEM		60 47N	148 43W	47
AK WILLOW	PAUO	UO		61 45N	150 03W	69
AK WRANGELL	PAWG	WRG	70387	56 29N	132 22W	11
AK YAKUTAT	PAYA	YAK	70361	59 31N	139 40W	11

ALABAMA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AL	ALABASTER	KEET	EET		33 11N	086 47W	178
AL	ALBERTVILLE	K8A0	8A0		34 14N	086 15W	315
AL	ALEXANDER CITY	KALX	ALX		32 54N	085 57W	209
AL	ANDALUSIA/OPP	K79J	79J		31 19N	086 24W	94
AL	ANNISTON	KANB	ANB		33 35N	085 51W	185
AL	AUBURN	KAUO	AUO		32 37N	085 26W	237
AL	BIRMINGHAM	KBHM	BHM	72228	33 34N	086 45W	196
AL	CULLMAN	K3A1	3A1		34 16N	086 52W	294
AL	DECATUR	KDCU	DCU		34 39N	086 57W	177
AL	DOTHAN	KDHN	DHN		31 19N	085 27W	122
AL	EVERGREEN	KGZH	GZH		31 25N	087 03W	78
AL	FORT PAYNE	K4A9	4A9		34 28N	085 43W	267
AL	GADSDEN	KGAD	GAD		33 58N	086 05W	170
AL	GULF SHORES	KJKA	JKA		30 17N	087 40W	5
AL	HUNTSVILLE	KHSV	HSV	72323	34 39N	086 46W	189
AL	HUNTSVILLE/MADIS	KMDQ	MDQ		34 52N	086 33W	230
AL	HUNTSVILLE/REDST	KHUA	HUA		34 41N	086 41W	209
AL	MOBILE/BATES	KMOB	MOB	72223	30 41N	088 14W	66
AL	MOBILE/DOWNTOWN	KBFM	BFM		30 38N	088 04W	8
AL	MONTGOMERY	KMG	MGM	72226	32 18N	086 24W	67
AL	MONTGOMERY/MAXWE	KMXF	MXF		32 23N	086 22W	52
AL	MUSCLE SHOALS	KMSL	MSL		34 45N	087 37W	168
AL	OZARK/CAIRNS AAF	KOZR	OZR		31 17N	085 43W	93
AL	TROY	KTOI	TOI		31 52N	086 01W	122
AL	TUSCALOOSA	KTCL	TCL		33 13N	087 37W	51
AL	VIOSCA KNOLL 956	KRAM	RAM		29 03N	088 05W	

AMERICAN SAMOA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AS	PAGO PAGO INTL	NSTU	PPG	91765	14 20S	170 43W	3

ARKANSAS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AR	BATESVILLE	KBVX	BVX		35 44N	091 39W	141
AR	BENTONVILLE	KVBT	VBT		36 21N	094 13W	410
AR	BENTONVILLE/NW A	KXNA	XNA		36 17N	094 18W	392
AR	BLYTHEVILLE	KHKA	HKA		35 56N	089 50W	78
AR	BLYTHEVILLE/EAKE	KBYH	BYH		35 58N	089 57W	78
AR	DE QUEEN	KDEQ	DEQ		34 03N	094 24W	107
AR	EL DORADO	KELD	ELD		33 13N	092 49W	87
AR	FAYETTEVILLE	KFYV	FYV		36 00N	094 10W	381
AR	FLIPPIN	KFLP	FLP		36 17N	092 35W	219
AR	FORT SMITH	KFSM	FSM	72344	35 20N	094 22W	142
AR	HARRISON	KHRO	HRO		36 16N	093 09W	422
AR	HOT SPRINGS	KHOT	HOT		34 29N	093 06W	169
AR	LITTLE ROCK	KLIT	LIT		34 44N	092 14W	78
AR	JACKSONVILLE	KLRF	LRF		34 55N	092 09W	95
AR	JONESBORO	KJBR	JBR		35 50N	090 39W	84
AR	MENA	KMEZ	MEZ		34 33N	094 12W	329
AR	MONTICELLO	KLLQ	LLQ		33 38N	091 45W	82
AR	MOUNTAIN HOME	KBPK	BPK		36 22N	092 28W	282
AR	MOUNT IDA	KMWT	MWT		34 33N	093 35W	214
AR	NEWPORT	KM19	M19		35 38N	091 11W	73
AR	PINE BLUFF	KPBF	PBF		34 10N	091 56W	65
AR	ROGERS	KROG	ROG		36 22N	094 06W	430
AR	RUSSELLVILLE	KRUE	RUE		35 15N	093 06W	120
AR	SEARCY	KSRC	SRC		35 13N	091 44W	81
AR	SILOAM SPRINGS	KSLG	SLG		36 12N	094 29W	364
AR	SPRINGDALE	KASG	ASG		36 11N	094 07W	412
AR	STUTTGART	KSGT	SGT		34 36N	091 35W	68
AR	TEXARKANA	KTXK	TXK		33 27N	094 00W	122
AR	WALNUT RIDGE	KARG	ARG		36 08N	090 56W	85
AR	WEST MEMPHIS	KAWM	AWM		35 08N	090 14W	65

ARIZONA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AZ	BULLHEAD CITY	KIFP	IFP		35 09N	114 34W	211
AZ	CASA GRANDE	KCGZ	CGZ		32 57N	111 46W	446
AZ	CHANDLER	KCHD	CHD		33 16N	111 49W	379
AZ	DOUGLAS	KDUG	DUG		31 28N	109 36W	1267
AZ	FLAGSTAFF	KFLG	FLG	72375	35 08N	111 40W	2137
AZ	FORT HUACHUCA	KFHU	FHU	72273	31 36N	110 21W	1422
AZ	GILA BEND	KGBN	GBN	74724	32 53N	112 43W	264
AZ	GLENDALE	KGEU	GEU		33 32N	112 18W	325
AZ	GLENDALE/LUKE	KLUF	LUF		33 32N	112 23W	336
AZ	GRAND CANYON	KGCN	GCN		35 57N	112 09W	2034
AZ	GRAND CANYON/VAL	K40G	40G		35 39N	112 09W	1830
AZ	KINGMAN	KIGM	IGM	72370	35 16N	113 57W	1033
AZ	MESA	KFFZ	FFZ		33 28N	111 44W	422

AZ NOGALES	KOLS	OLS		31 25N	110 51W	1198
AZ PAGE	KPGA	PGA	72371	36 56N	111 27W	1304
AZ PHOENIX/DEER VLY	KDVT	DVT		33 41N	112 05W	470
AZ PHOENIX/GATEWAY	KIWA	IWA		33 18N	111 39W	421
AZ PHOENIX/GOODYEAR	KGYR	GYR		33 25N	112 23W	295
AZ PHOENIX/SKY HRBR	KPHX	PHX	72278	33 26N	112 01W	342
AZ PRESCOTT	KPRC	PRC		34 39N	112 25W	1540
AZ SAFFORD	KSAD	SAD		32 51N	109 38W	963
AZ ST JOHNS	KSJN	SJN		34 32N	109 20W	1748
AZ SCOTTSDALE	KSDL	SDL		33 37N	111 55W	480
AZ SHOW LOW	KSOW	SOW		34 16N	110 00W	1955
AZ TUCSON	KTUS	TUS	72274	32 07N	110 56W	806
AZ TUCSON/DAVIS	KDMA	DMA		32 10N	110 53W	824
AZ WINDOW ROCK	KRQE	RQE		35 39N	109 04W	2054
AZ WINSLOW	KINW	INW	72374	35 01N	110 44W	1505
AZ YUMA INTL	KYUM	YUM	72280	32 39N	114 36W	66
AZ YUMA MCAS	KNYL	NYL		32 39N	114 36W	66

CALIFORNIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
CA	ALTURAS	KAAT	AAT		41 29N	120 34W	1333
CA	ARCATA/EUREKA	KACV	ACV	72594	40 59N	124 06W	66
CA	AUBURN	KAUN	AUN		38 57N	121 05W	467
CA	AVALON	KAVX	AVX	72292	33 24N	118 25W	483
CA	BAKERSFIELD	KBFL	BFL	72384	35 26N	119 03W	149
CA	BISHOP	KBIH	BIH	72480	37 22N	118 22W	1255
CA	BLYTHE	KBLH	BLH		33 37N	114 43W	120
CA	BURBANK	KBUR	BUR	72288	34 12N	118 21W	236
CA	CAMARILLO	KCMA	CMA		34 13N	119 06W	23
CA	CAMPO	KCZZ	CZZ		32 37N	116 28W	802
CA	CARLSBAD	KCRQ	CRQ		33 08N	117 17W	100
CA	CHICO	KCIC	CIC	72497	39 47N	121 51W	72
CA	CHINA LAKE	KNID	NID	74612	35 41N	117 41W	696
CA	CHINO	KCNO	CNO		33 58N	117 38W	211
CA	CONCORD	KCCR	CCR		37 59N	122 03W	18
CA	CRESCENT CITY	KCEC	CEC		41 47N	124 14W	17
CA	DAGGETT	KDAG	DAG		34 51N	116 47W	588
CA	EDWARDS AFB	KEDW	EDW	72381	34 54N	117 53W	705
CA	EDWARDS AFB/AUX	K9L2	9L2		34 59N	117 52W	701
CA	EL CENTRO	KNJK	NJK	72281	32 49N	115 41W	-4
CA	EL MONTE	KEMT	EMT		34 05N	118 02W	91
CA	EMIGRANT GAP	KBLU	BLU		39 17N	120 42W	1611
CA	FAIRFIELD/TRAVIS	KSUU	SUU	74516	38 16N	121 56W	19
CA	FRESNO	KFAT	FAT	72389	36 46N	119 43W	100
CA	FULLERTON	KFUL	FUL		33 52N	117 59W	29
CA	HANFORD	KHJO	HJO		36 19N	119 38W	75
CA	HAWTHORNE	KHHR	HHR		33 55N	118 20W	19
CA	HAYWARD	KHWD	HWD		37 39N	122 07W	15
CA	IMPERIAL	KIPL	IPL		32 50N	115 35W	-17
CA	IMPERIAL BEACH	KNRS	NRS		32 34N	117 07W	8

CA INYOKERN	KIYK	IYK		35	40N	117	50W	749
CA LANCASTER	KWJF	WJF		34	44N	118	13W	728
CA LA VERNE	KPOC	POC		34	06N	117	47W	305
CA LEMOORE NAS	KNLC	NLC	74702	36	20N	119	57W	73
CA LIVERMORE	KLVK	LVK		37	42N	121	49W	121
CA LOMPOC	KLPC	LPC	74606	34	40N	120	28W	27
CA LOMPOC/VANDENBER	KVBG	VBG	72393	34	44N	120	35W	121
CA LONG BEACH	KLGB	LGB	72297	33	49N	118	09W	18
CA LOS ALAMITOS AAF	KSLI	SLI		33	47N	118	03W	11
CA LOS ANGELES	KLAX	LAX	72295	33	56N	118	24W	38
CA LOS ANGELES/USC	KCQT	CQT		34	01N	118	17W	56
CA LOS ANGELES/WHIT	KWHP	WHP		34	16N	118	25W	306
CA MADERA	KMAE	MAE		36	59N	120	07W	77
CA MAMMOTH LAKES	KMMH	MMH		37	37N	118	50W	2173
CA MARYSVILLE	KMYV	MYV		39	06N	121	34W	19
CA MARYSVILLE/BEALE	KBAB	BAB		39	08N	121	27W	34
CA MERCED	KMCE	MCE		37	17N	120	31W	47
CA MODESTO	KMOD	MOD		37	38N	120	57W	32
CA MOJAVE	KMHV	MHV		35	03N	118	09W	849
CA MONTAGUE/SISKIYO	KSIY	SIY		41	47N	122	28W	809
CA MONTEREY	KMRY	MRY		36	35N	121	51W	67
CA MOUNT SHASTA	KMHS	MHS		41	19N	122	19W	1080
CA MOUNT WILSON	KMWS	MWS	72289	34	13N	118	04W	1741
CA MOUNTAIN VIEW	KNUQ	NUQ	74509	37	25N	122	03W	12
CA NAPA	KAPC	APC		38	13N	122	17W	10
CA NEEDLES	KEED	EED		34	46N	114	37W	302
CA NEWHALL	K3A6	3A6		34	22N	118	34W	427
CA NORTH ISLAND NAS	KNZY	NZY		32	42N	117	12W	8
CA OAKLAND	KOAK	OAK	72493	37	44N	122	13W	2
CA OCEANSIDE	KOKB	OKB		33	13N	117	21W	8
CA OCEANSIDE/CAMP P	KNFG	NFG		33	18N	117	21W	19
CA ONTARIO	KONT	ONT		34	03N	117	36W	293
CA OROVILLE	KOVE	OVE		39	30N	121	37W	57
CA OXNARD	KOXR	OXR		34	12N	119	12W	13
CA PALMDALE	KPMD	PMD	72382	34	38N	118	05W	777
CA PALM SPRINGS	KPSP	PSP		33	49N	116	30W	140
CA PALO ALTO	KPAO	PAO		37	28N	122	07W	1
CA PASO ROBLES	KPRB	PRB		35	40N	120	38W	249
CA RED BLUFF	KRBL	RBL	72591	40	09N	122	15W	108
CA POINT MUGU NAS	KNTD	NTD	72391	34	07N	119	07W	4
CA PORTERVILLE	KPTV	PTV		36	02N	119	04W	130
CA RAMONA	KRNM	RNM		33	02N	116	55W	424
CA REDDING	KRDD	RDD	72592	40	30N	122	18W	152
CA RIVERSIDE	KRAL	RAL		33	57N	117	27W	248
CA RIVERSIDE/MARCH	KRIV	RIV	72286	33	53N	117	16W	468
CA SACRAMENTO/EXECU	KSAC	SAC	72483	38	31N	121	30W	6
CA SACRAMENTO/INTL	KSMF	SMF		38	42N	121	36W	10
CA SACRAMENTO/MATHE	KMHR	MHR		38	33N	121	18W	29
CA SALINAS	KSNS	SNS		36	40N	121	36W	23
CA SAN CARLOS	KSQL	SQL		37	31N	122	15W	1
CA SAN CLEMENTE ISL	KNUC	NUC		33	01N	118	35W	55
CA SAN DIEGO	KSAN	SAN	72290	32	44N	117	10W	9
CA SAN DIEGO/BROWN	KSDM	SDM		32	34N	116	59W	160
CA SAN DIEGO/GILLES	KSEE	SEE		32	50N	116	58W	117

CA SAN DIEGO/MIRAMA	KNKX	NKX	72293	32 52N	117 09W	146
CA SAN DIEGO/MONTGO	KMYF	MYF		32 49N	117 08W	124
CA SAN FRANCISCO	KSFO	SFO	72494	37 37N	122 23W	3
CA SAN JOSE	KSJC	SJC		37 22N	121 56W	17
CA SAN JOSE/REID	KRHV	RHV		37 20N	121 49W	41
CA SAN LUIS OBISPO	KSBP	SBP		35 14N	120 38W	63
CA SAN NICOLAS ISL	KNSI	NSI	72291	33 15N	119 27W	153
CA SANDBERG	KSDB	SDB	72383	34 45N	118 43W	1378
CA SANTA ANA	KSNA	SNA		33 41N	117 52W	16
CA SANTA BARBARA	KSBA	SBA		34 26N	119 50W	6
CA SANTA MONICA	KSMO	SMO		34 01N	118 27W	53
CA SANTA MARIA	KSMX	SMX	72394	34 54N	120 27W	79
CA SANTA ROSA	KSTS	STS		38 31N	122 49W	45
CA SANTA YNEZ	KIZA	IZA		34 36N	120 04W	205
CA SHELTER COVE	KO87	O87		40 01N	124 04W	123
CA STOCKTON	KSCK	SCK	72492	37 54N	121 15W	8
CA SOUTH LAKE TAHOE	KTVL	TVL		38 54N	120 00W	1912
CA THERMAL	KTRM	TRM		33 38N	116 10W	-35
CA TORRANCE	KTOA	TOA		33 48N	118 20W	31
CA TRUCKEE	KTRK	TRK		39 19N	120 08W	1798
CA TWENTY 9 PALMS	KNXP	NXP		34 17N	116 09W	643
CA UKIAH	KUKI	UKI		39 08N	123 12W	189
CA VACAVILLE	KVCB	VCB		38 23N	121 57W	34
CA VAN NUYS	KVNY	VNY		34 13N	118 29W	244
CA VICTORVILLE	KVCV	VCV		34 36N	117 23W	876
CA WATSONVILLE	KWVI	WVI		36 56N	121 47W	48
CA VISALIA	KVIS	VIS		36 19N	119 24W	89

COLORADO

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
CO	AKRON	KAKO	AKO		40 10N	103 13W	1421
CO	ALAMOSA	KALS	ALS	72462	37 27N	105 52W	2297
CO	ASPEN	KASE	ASE		39 13N	106 52W	2384
CO	AURORA/BUCKLEY	KBKF	BKF		39 43N	104 45W	1726
CO	BURLINGTON	KITR	ITR		39 15N	102 17W	1279
CO	CO SPRINGS/USAF	KAFF	AFF	74531	38 58N	104 49W	1999
CO	COLORADO SPRINGS	KCOS	COS	72466	38 49N	104 43W	1882
CO	CORTEZ	KCEZ	CEZ		37 18N	108 38W	1803
CO	COTTONWOOD PASS	K7BM	7BM		38 48N	106 13W	2995
CO	CRAIG	KCAG	CAG	72570	40 30N	107 32W	1915
CO	DENVER/CENTENNIA	KAPA	APA		39 34N	104 51W	1793
CO	DENVER/FRONT RAN	KFTG	FTG		39 47N	104 33W	1680
CO	DENVER/INTL	KDEN	DEN	72565	39 50N	104 39W	1656
CO	DENVER/JEFFCO	KBJC	BJC		39 54N	105 07W	1722
CO	DURANGO	KDRO	DRO		37 09N	107 45W	2037
CO	EAGLE	KEGE	EGE		39 39N	106 55W	1985
CO	FORT COLLINS/LOV	KFNL	FNL		40 27N	105 01W	1520
CO	FORT CARSON	KFCS	FCS	72468	38 41N	104 46W	1779
CO	GRAND JUNCTION	KGJT	GJT	72476	39 07N	108 32W	1480
CO	GREELEY	KGXY	GXY		40 26N	104 38W	1420

CO GUNNISON	KGUC	GUC		38 33N	106 55W	2337
CO HAYDEN	KHDN	HDN		40 29N	107 13W	2012
CO KREMMLING	K20V	20V		40 03N	106 22W	2259
CO LA JUNTA	KLHX	LHX		38 03N	103 31W	1278
CO LA VETA PASS	KVTP	VTP		37 30N	105 10W	3114
CO LAMAR	KLAA	LAA		38 04N	102 41W	1129
CO LEADVILLE	KLXV	LXV		39 14N	106 19W	3026
CO LIMON	KLIC	LIC		39 16N	103 40W	1695
CO MEEKER	KEEO	EEO		40 03N	107 53W	1958
CO MONARCH PASS	KMYP	MYP		38 29N	106 19W	3667
CO MONTROSE	KMTJ	MTJ		38 30N	107 54W	1755
CO MONUMENT HILL	KMNH	MNH		39 13N	104 38W	2152
CO MOUNT WERNER	K3MW	3MW		40 27N	106 45W	3241
CO PUEBLO	KPUB	PUB	72464	38 17N	104 31W	1440
CO RED CLIFF PASS	KCCU	CCU		39 28N	106 09W	3680
CO RIFLE	KRIL	RIL		39 32N	107 43W	1691
CO SAGUACHE	K04V	04V		38 06N	106 10W	2385
CO SPRINGFIELD	KSPD	SPD		37 17N	102 37W	1335
CO STEAMBOAT SPRNGS	KSBS	SBS		40 31N	106 52W	2096
CO SUNLIGHT MTN	K5SM	5SM		39 26N	107 23W	3233
CO TELLURIDE	KTEX	TEX		37 57N	107 55W	2767
CO TRINIDAD	KTAD	TAD		37 16N	104 20W	1754
CO WILKERSON PASS	K4BM	4BM		39 03N	105 31W	3439
CO WOLF CREEK PASS	KCPW	CPW		37 27N	106 48W	3584

CONNECTICUT

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
CT	BRIDGEPORT	KBDR	BDR	72504	41 10N	073 08W	3
CT	DANBURY	KDXR	DXR		41 22N	073 29W	139
CT	GROTON	KGON	GON		41 20N	072 03W	6
CT	HARTFORD/BRAINER	KHFD	HFD		41 44N	072 39W	6
CT	MERIDEN	KMMK	MMK		41 31N	072 50W	31
CT	NEW HAVEN	KHVN	HVN		41 16N	072 53W	4
CT	OXFORD	KOXC	OXC		41 29N	073 08W	222
CT	WILLIMANTIC	KIJD	IJD		41 45N	072 11W	75
CT	WINDSOR LOCKS	KBDL	BDL	72508	41 56N	072 41W	53

DISTRICT OF COLUMBIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
DC	WASHINGTON/NATL	KDCA	DCA	72405	38 51N	077 02W	5

DELAWARE

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
DE	DOVER AFB	KDOV	DOV		39 08N	075 28W	9
DE	GEORGETOWN	KGED	GED		38 41N	075 22W	20
DE	WILMINGTON	KILG	ILG		39 41N	075 36W	24

FLORIDA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
FL	APALACHICOLA	KAAF	AAF	72220	29 44N	085 02W	6
FL	BARTOW	KBOW	BOW		27 57N	081 47W	40
FL	BOCA RATON	KBCT	BCT		26 23N	080 06W	4
FL	BROOKSVILLE	KBKV	BKV		28 28N	082 30W	45
FL	COCOA BEACH	KCOF	COF	74795	28 14N	080 36W	3
FL	CRESTVIEW	KCEW	CEW		30 47N	086 31W	56
FL	CROSS CITY	KCTY	CTY	72212	29 37N	083 06W	12
FL	DAYTONA BEACH	KDAB	DAB		29 11N	081 03W	12
FL	DESTIN	KDTS	DTS		30 24N	086 28W	6
FL	FT LAUDERDALE/EX	KFXE	FXE		26 12N	080 10W	4
FL	FT LAUDERDALE/HO	KFLL	FLL		26 04N	080 09W	3
FL	FORT MYERS	KFMY	FMY		26 35N	081 52W	4
FL	FORT MYERS/SW FL	KRSW	RSW		26 32N	081 45W	9
FL	FORT PIERCE	KFPR	FPR		27 30N	080 22W	7
FL	GAINESVILLE	KGNV	GNV		29 41N	082 16W	50
FL	HOLLYWOOD/PERRY	KHWO	HWO		26 00N	080 14W	2
FL	HOMESTEAD AFB	KHST	HST		25 29N	080 23W	2
FL	JACKSONVILLE	KJAX	JAX	72206	30 29N	081 42W	10
FL	JACKSONVILLE NAS	KNIP	NIP		30 14N	081 41W	7
FL	JACKSONVILLE/CEC	KVQQ	VQQ		30 13N	081 53W	25
FL	JACKSONVILLE/CRA	KCRG	CRG		30 20N	081 31W	12
FL	KEY WEST	KEYW	EYW	72201	24 33N	081 45W	2
FL	KEY WEST NAS	KNQX	NQX		24 35N	081 41W	2
FL	LAKELAND	KLAL	LAL		27 59N	082 01W	72
FL	LEESBURG	KLEE	LEE		28 49N	081 49W	24
FL	MARATHON	KMTH	MTH		24 43N	081 05W	2
FL	MARIANNA	KMAI	MAI		30 50N	085 11W	33
FL	MARY ESTHER/HURL	KHRT	HRT	74777	30 26N	086 41W	11
FL	MAYPORT NAS	KNRB	NRB		30 24N	081 25W	6
FL	MELBOURNE	KMLB	MLB	72204	28 07N	080 39W	10
FL	MIAMI/INTL	KMIA	MIA		25 49N	080 17W	3
FL	MIAMI/OPA LOCKA	KOPF	OPF		25 55N	080 17W	3
FL	MIAMI/TAMIAMI	KTMB	TMB		25 39N	080 26W	3
FL	MILTON/WHITING	KNSE	NSE		30 43N	087 01W	61
FL	NAPLES	KAPF	APF		26 08N	081 48W	3
FL	NEW SMYRNA BEACH	KEVB	EVB		29 03N	080 57W	3
FL	Ocala	KOCF	OCF		29 11N	082 14W	27
FL	ORLANDO/EXECUTIV	KORL	ORL		28 33N	081 20W	34
FL	ORLANDO/INTL	KMCO	MCO	72205	28 26N	081 19W	32

FL ORLANDO/KISSIMME	KISM	ISM		28 17N	081 26W	25
FL ORLANDO/SANFORD	KSFB	SFB		28 47N	081 14W	17
FL ORMOND BEACH	KOMN	OMN		29 18N	081 07W	9
FL PANAMA CITY	KPFN	PFN		30 13N	085 41W	6
FL PANAMA CITY/TYND	KPAM	PAM	74775	30 04N	085 35W	5
FL PENSACOLA	KPNS	PNS	72222	30 29N	087 11W	38
FL PENSACOLA NAS	KNPA	NPA		30 21N	087 19W	9
FL PERRY	K40J	40J		30 04N	083 34W	13
FL PLANT CITY	KPCM	PCM		28 00N	082 10W	47
FL POMPANO BEACH	KPMP	PMP		26 15N	080 07W	6
FL PUNTA GORDA	KPGD	PGD		26 55N	081 59W	8
FL SARASOTA	KSRQ	SRQ		27 24N	082 33W	9
FL ST AUGUSTINE	KSGJ	SGJ		29 58N	081 20W	3
FL ST PETERSBURG	KPIE	PIE		27 55N	082 41W	3
FL ST PETERSBURG/WH	KSPG	SPG		27 46N	082 38W	6
FL STUART	KSUA	SUA		27 11N	080 13W	6
FL TALLAHASSEE	KTLH	TLH		30 24N	084 20W	25
FL TAMPA	KTPA	TPA	72211	27 58N	082 32W	8
FL TAMPA/KNIGHT	KTPF	TPF		27 55N	082 27W	2
FL TAMPA/MACDILL	KMCF	MCF	74788	27 51N	082 31W	4
FL TAMPA/VANDENBERG	KVDF	VDF		28 01N	082 21W	7
FL THE VILLAGES	KVVG	VVG		28 57N	081 51W	27
FL TITUSVILLE	KTIX	TIX		28 31N	080 48W	8
FL TITUSVILLE/NASA	KTTS	TTS		28 37N	080 42W	3
FL VALPARAISO	KVPS	VPS	72221	30 29N	086 32W	26
FL VERO BEACH	KVRB	VRB		27 39N	080 25W	7
FL WEST PALM BEACH	KPBI	PBI	72203	26 41N	080 07W	6
FL WINTER HAVEN	KGIF	GIF		28 04N	081 45W	45

GEORGIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
GA	ALBANY	KABY	ABY	72216	31 32N	084 11W	60
GA	ALMA	KAMG	AMG		31 32N	082 31W	63
GA	ATHENS	KAHN	AHN	72311	33 57N	083 19W	246
GA	ATLANTA	KATL	ATL	72219	33 39N	084 25W	312
GA	ATLANTA/DE KALB	KPDK	PDK		33 53N	084 18W	305
GA	ATLANTA/FULTON	KFTY	FTY		33 47N	084 31W	256
GA	AUGUSTA/BUSH	KAGS	AGS	72218	33 22N	081 58W	44
GA	AUGUSTA/DANIEL	KDNL	DNL		33 28N	082 02W	129
GA	BAINBRIDGE	KBGE	BGE		30 58N	084 38W	43
GA	BLAKELY	KBIJ	BIJ		31 24N	084 54W	65
GA	BRUNSWICK	KSSI	SSI		31 09N	081 23W	6
GA	BRUNSWICK/GLYNCO	KBQK	BQK		31 15N	081 28W	6
GA	CANTON	K47A	47A		34 19N	084 25W	372
GA	CARTERSVILLE	KVPC	VPC		34 08N	084 51W	229
GA	COLUMBUS	KCSG	CSG		32 31N	084 56W	121
GA	COLUMBUS/BENNING	KLSF	LSF	72225	32 20N	085 00W	71
GA	DALTON	KDNN	DNN		34 43N	084 52W	216
GA	DOUGLAS	KDQH	DQH		31 29N	082 52W	78

GA DUBLIN	KDBN	DBN		32 34N	082 59W	94
GA GAINESVILLE	KGVL	GVL		34 16N	083 50W	389
GA GREENSBORO	K3J7	3J7		33 36N	083 08W	206
GA HINESVILLE	KLHW	LHW	72209	31 53N	081 34W	14
GA LA GRANGE	KLGC	LGC		33 01N	085 04W	211
GA LAWRENCEVILLE	KLZU	LZU		33 59N	083 58W	323
GA MACON	KMCN	MCN	72217	32 42N	083 39W	108
GA MARIETTA/COBB CO	KRYY	RYY		34 01N	084 36W	317
GA MARIETTA/DOBBINS	KMGE	MGE	72227	33 55N	084 31W	326
GA MILLEDGEVILLE	KMLJ	MLJ		33 09N	083 14W	117
GA MOULTRIE	KMGR	MGR		31 05N	083 48W	90
GA NEWNAN	KCCO	CCO		33 19N	084 46W	296
GA PEACHTREE CITY	KFFC	FFC	72215	33 22N	084 34W	264
GA ROME	KRMG	RMG	72320	34 21N	085 10W	196
GA SAVANNAH	KSAV	SAV	72207	32 08N	081 12W	15
GA SAVANNAH/HUNTER	KSVN	SVN		32 01N	081 09W	13
GA SYLVANIA	KJYL	JYL		32 39N	081 36W	57
GA STATESBORO	KTBR	TBR		32 29N	081 44W	57
GA THOMASTON	KOPN	OPN		32 57N	084 16W	243
GA THOMSON	KHQU	HQU		33 32N	082 31W	152
GA VALDOSTA	KVLD	VLD		30 47N	083 17W	68
GA VALDOSTA/MOODY	KVAD	VAD	74781	30 58N	083 12W	71
GA VIDALIA	KVDI	VDI		32 12N	082 22W	84
GA WARNER ROBINS	KWRB	WRB		32 38N	083 36W	90
GA WAYCROSS	KAYS	AYS	72213	31 15N	082 24W	43
GA WINDER	KWDR	WDR		33 59N	083 40W	287

GUAM

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
GU	AGANA/PAT INTL	PGUM	GUM		13 21N	144 48E	90
GU	ANDERSEN AFB	PGUA	UAM	91218	13 35N	144 56E	185
GU	OBYAN/SAIPAN INT	PGSN	SPN	91232	15 08N	145 42E	3
GU	ROTA INTL	PGRO	ROP	91221	14 11N	145 15E	185
GU	TINIAN ISLAND	PGWT	TIQ	91233	14 58N	145 36E	82

HAWAII

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
HI	CAMP POHAKULOA/B	PHSF	BSF		19 46N	155 33W	1886
HI	HANA	PHHN	HNM		20 48N	156 01W	24
HI	HILO	PHTO	ITO	91285	19 43N	155 04W	9
HI	HONOLULU	PHNL	HNL	91182	21 21N	157 56W	5
HI	KAHULUI	PHOG	OGG	91190	20 54N	156 26W	18
HI	KAILUA-KONA	PHKO	KOA		19 44N	156 03W	13
HI	KANEOHE MCAS	PHNG	NGF	91176	21 27N	157 45W	3
HI	KAPOLEI	PHJR	JRF	91178	21 19N	158 04W	16
HI	KAUNAKAKAI	PHMK	MKK	91186	21 09N	157 06W	138
HI	KEKAHA/BARKING S	PHBK	BKH	91162	22 02N	159 47W	4
HI	LAHAINA	PHJH	JHM		20 58N	156 40W	78
HI	LANAI CITY	PHNY	LNJ		20 47N	156 57W	399
HI	LIHUE	PHLI	LIH	91165	21 59N	159 21W	45
HI	WAHIAWA/WHEELER	PHHI	HHI	91170	21 29N	158 02W	255

IOWA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
IA	ALGONA	KAXA	AXA		43 05N	094 16W	372
IA	AMES	KAMW	AMW		42 00N	093 37W	291
IA	ANKENY	KIKV	IKV		41 42N	093 34W	275
IA	ATLANTIC	KAIO	AIO		41 24N	095 03W	360
IA	AUDUBON	KADU	ADU		41 42N	094 55W	392
IA	BOONE	KBNW	BNW		42 03N	093 51W	365
IA	BURLINGTON	KBRL	BRL		40 47N	091 07W	212
IA	CARROLL	KCIN	CIN		42 03N	094 47W	367
IA	CEDAR RAPIDS	KCID	CID	72545	41 53N	091 42W	263
IA	CHARITON	KCNC	CNC		41 01N	093 22W	320
IA	CHARLES CITY	KCCY	CCY		43 04N	092 37W	343
IA	CHEROKEE	KCKP	CKP		42 44N	095 33W	372
IA	CLARINDA	KICL	ICL		40 43N	095 02W	303
IA	CLARION	KCAV	CAV		42 45N	093 46W	354
IA	CLINTON	KCWI	CWI		41 50N	090 20W	220
IA	COUNCIL BLUFFS	KCBF	CBF		41 16N	095 46W	382
IA	CRESTON	KCSQ	CSQ		41 01N	094 22W	395
IA	DAVENPORT	KDVN	DVN	74455	41 37N	090 35W	228
IA	DECORAH	KDEH	DEH		43 17N	091 44W	353
IA	DENISON	KDNS	DNS		41 59N	095 23W	388
IA	DES MOINES	KDSM	DSM	72546	41 32N	093 39W	292
IA	DUBUQUE	KDBQ	DBQ	72547	42 24N	090 42W	327
IA	ESTHERVILLE	KEST	EST		43 24N	094 45W	401
IA	FAIRFIELD	KFFL	FFL		41 03N	091 59W	244
IA	FORT DODGE	KFOD	FOD	72549	42 33N	094 11W	354
IA	FORT MADISON	KFSW	FSW		40 40N	091 20W	221
IA	HARLAN	KHNR	HNR		41 35N	095 20W	375
IA	INDEPENDENCE	KIIB	IIB		42 27N	091 57W	298

IA IOWA CITY	KIOW	IOW		41 38N	091 33W	204
IA KEOKUK	KEOK	EOK		40 28N	091 26W	205
IA KNOXVILLE	KOXV	OXV		41 18N	093 07W	283
IA LAMONI	KLWD	LWD		40 38N	093 54W	346
IA LE MARS	KLRJ	LRJ		42 47N	096 12W	365
IA MARSHALLTOWN	KMIW	MIW		42 07N	092 55W	297
IA MASON CITY	KMCW	MCW		43 09N	093 20W	370
IA MONTICELLO	KMXO	MXO		42 14N	091 10W	258
IA MOUNT PLEASANT	KMPZ	MPZ		40 57N	091 31W	224
IA MUSCATINE	KMUT	MUT		41 22N	091 09W	167
IA NEWTON	KTNU	TNU		41 41N	093 01W	290
IA OELWEIN	KOLZ	OLZ		42 41N	091 59W	328
IA ORANGE CITY	KORC	ORC		42 59N	096 04W	431
IA OSKALOOSA	KOOA	OOA		41 14N	092 30W	256
IA OTTUMWA	KOTM	OTM		41 06N	092 27W	258
IA PELLA	KPEA	PEA		41 24N	092 57W	270
IA RED OAK	KRDK	RDK		41 01N	095 16W	318
IA SHELDON	KSHL	SHL		43 13N	095 50W	433
IA SHENANDOAH	KSDA	SDA		40 45N	095 25W	296
IA SIOUX CITY	KSUX	SUX	72557	42 24N	096 23W	334
IA SPENCER	KSPW	SPW		43 10N	095 12W	408
IA STORM LAKE	KSLB	SLB		42 36N	095 14W	454
IA VINTON	KVTI	VTI		42 13N	092 02W	258
IA WASHINGTON	KAWG	AWG		41 17N	091 40W	230
IA WATERLOO	KALO	ALO	72548	42 33N	092 24W	268
IA WEBSTER CITY	KEBS	EBS		42 26N	093 52W	342

IDAHO

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
ID	BOISE	KBOI	BOI	72681	43 34N	116 13W	871
ID	BURLEY	KBYI	BYI		42 32N	113 46W	1265
ID	CALDWELL	KEUL	EUL		43 39N	116 38W	740
ID	CHALLIS	KLLJ	LLJ		44 31N	114 13W	1534
ID	COEUR D'ALENE	KCOE	COE		47 47N	116 49W	707
ID	DRIGGS	KDIJ	DIJ		43 45N	111 06W	1898
ID	HAILEY	KSUN	SUN		43 30N	114 18W	1620
ID	IDAHO FALLS	KIDA	IDA		43 31N	112 04W	1445
ID	JEROME	KJER	JER		42 44N	114 27W	1223
ID	LEWISTON	KLWS	LWS	72783	46 23N	117 01W	438
ID	LOWELL	KP69	P69		46 09N	115 36W	480
ID	MALTA	K77M	77M		42 18N	113 22W	1376
ID	MCCALL	KMYL	MYL		44 53N	116 06W	1532
ID	MOUNTAIN HOME	KMUO	MUO		43 03N	115 52W	913
ID	MULLAN PASS	KMLP	MLP		47 27N	115 40W	1829
ID	POCATELLO	KPIH	PIH	72578	42 55N	112 36W	1355
ID	REXBURG	KRXE	RXE		43 50N	111 48W	1481
ID	SALMON	KSMN	SMN		45 07N	113 53W	1232
ID	SANDPOINT	KSZT	SZT		48 18N	116 34W	648
ID	SODA SPRINGS	KU78	U78		42 39N	111 35W	1778
ID	STANLEY	KSNT	SNT		44 10N	114 56W	1980

ID TWIN FALLS KTWF TWF 42 29N 114 29W 1265

ILLINOIS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
IL	ALTON	KALN	ALN		38 53N	090 03W	132
IL	BELLEVILLE	KBLV	BLV		38 33N	089 51W	138
IL	BLOOMINGTON/NORM	KBMI	BMI		40 29N	088 56W	267
IL	CAHOKIA/ST LOUIS	KCPS	CPS		38 34N	090 09W	126
IL	CAIRO	KCIR	CIR		37 04N	089 13W	98
IL	CARBONDALE	KMDH	MDH		37 47N	089 15W	124
IL	CARMI	KCUL	CUL		38 05N	088 07W	118
IL	CENTRALIA	KENL	ENL		38 31N	089 06W	163
IL	CHAMPAIGN/URBANA	KCMI	CMI		40 02N	088 17W	230
IL	CHICAGO/AURORA	KARR	ARR		41 46N	088 28W	227
IL	CHICAGO/DUPAGE	KDPA	DPA		41 55N	088 15W	231
IL	CHICAGO/LANSING	KIGQ	IGQ		41 32N	087 32W	188
IL	CHICAGO/MIDWAY	KMDW	MDW	72534	41 47N	087 45W	189
IL	CHICAGO/O'HARE	KORD	ORD	72530	41 59N	087 54W	203
IL	CHICAGO/WAUKEGAN	KUGN	UGN		42 25N	087 52W	222
IL	DANVILLE	KDNV	DNV		40 12N	087 36W	212
IL	DE KALB	KDKB	DKB		41 56N	088 42W	279
IL	DECATUR	KDEC	DEC		39 50N	088 52W	207
IL	EFFINGHAM	K1H2	1H2		39 04N	088 32W	179
IL	FAIRFIELD	KFWC	FWC		38 23N	088 25W	133
IL	FLORA	KFOA	FOA		38 40N	088 27W	144
IL	FREEPORT	KFEP	FEP		42 15N	089 35W	262
IL	GALESBURG	KGBG	GBG		40 56N	090 26W	233
IL	HARRISBURG	KHSB	HSB		37 49N	088 33W	121
IL	JACKSONVILLE	KIJX	IJX		39 46N	090 14W	190
IL	JOLIET	KJOT	JOT		41 31N	088 10W	177
IL	KANKAKEE	KIKK	IKK		41 04N	087 51W	192
IL	LACON	KC75	C75		41 01N	089 23W	173
IL	LAWRENCEVILLE	KLWV	LWV		38 46N	087 36W	131
IL	LINCOLN	KAAA	AAA		40 10N	089 20W	182
IL	LITCHFIELD	K3LF	3LF		39 10N	089 41W	210
IL	LOCKPORT/ROMEOVI	KLOT	LOT		41 36N	088 05W	205
IL	MACOMB	KMQB	MQB		40 31N	090 39W	216
IL	MARION	KMWA	MWA		37 45N	089 01W	144
IL	MATTOON	KMTO	MTO		39 28N	088 16W	214
IL	METROPOLIS	KM30	M30		37 11N	088 45W	117
IL	MOLINE/QUAD CITY	KMLI	MLI	72544	41 26N	090 30W	174
IL	MOUNT CARMEL	KAJG	AJG		38 36N	087 44W	131
IL	MOUNT VERNON	KMVN	MVN		38 19N	088 52W	146
IL	MORRIS	KC09	C09		41 26N	088 25W	178
IL	OLNEY-NOBLE	KOLY	OLY		38 43N	088 11W	147
IL	PARIS	KPRG	PRG		39 42N	087 40W	199
IL	PEORIA	KPIA	PIA	72532	40 40N	089 41W	201
IL	PERU	KVYS	VYS		41 21N	089 09W	199
IL	PITTSFIELD	KPPQ	PPQ		39 38N	090 47W	216
IL	PONTIAC	KPNT	PNT		40 55N	088 38W	201

IL QUINCY	KUIN	UIN		39 57N	091 12W	234
IL RANTOUL	KTIP	TIP		40 18N	088 09W	225
IL ROBINSON	KRSV	RSV		39 01N	087 39W	141
IL ROCHELLE	KRPJ	RPJ		41 54N	089 05W	238
IL ROCKFORD	KRFD	RFD	72543	42 12N	089 06W	224
IL SALEM	KSLO	SLO	72433	38 39N	088 58W	175
IL SAVANNA	KSFY	SFY		42 03N	090 06W	188
IL SPARTA	KSAR	SAR		38 09N	089 42W	164
IL SPRINGFIELD	KSPI	SPI	72439	39 51N	089 40W	181
IL STERLING ROCK FA	KSQI	SQI		41 44N	089 41W	210
IL TAYLORVILLE	KTAZ	TAZ		39 32N	089 20W	190
IL WHEELING/PAL-WAU	KPWK	PWK		42 07N	087 54W	203

INDIANA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
IN	ANDERSON	KAID	AID		40 07N	085 37W	290
IN	BLOOMINGTON	KBMG	BMG		39 09N	086 37W	258
IN	COLUMBUS	KBAK	BAK		39 16N	085 54W	210
IN	ELKHART	KEKM	EKM		41 43N	086 00W	237
IN	EVANSVILLE	KEVV	EVV	72432	38 03N	087 32W	119
IN	FORT WAYNE	KFWA	FWA	72533	41 00N	085 12W	245
IN	GARY	KGYV	GYV		41 37N	087 25W	180
IN	GOSHEN	KGSH	GSH		41 32N	085 48W	252
IN	HUNTINGBURG	KHNB	HNB		38 15N	086 57W	162
IN	INDIANAPOLIS	KIND	IND	72438	39 42N	086 17W	243
IN	INDIANAPOLIS/EAG	KEYE	EYE		39 50N	086 18W	248
IN	KOKOMO	KOKK	OKK		40 32N	086 04W	253
IN	LAFAYETTE	KLAF	LAF		40 25N	086 56W	184
IN	MUNCIE	KMIE	MIE		40 14N	085 23W	286
IN	PERU/GRISSOM AFB	KGUS	GUS		40 39N	086 09W	248
IN	SHELBYVILLE	KGEZ	GEZ		39 35N	085 48W	245
IN	SOUTH BEND	KSBN	SBN	72535	41 42N	086 19W	237
IN	TERRE HAUTE	KHUF	HUF		39 27N	087 18W	178
IN	VALPARAISO	KVPZ	VPZ		41 27N	087 00W	231
IN	WARSAW	KASW	ASW		41 16N	085 50W	259

KANSAS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
KS	CHANUTE	KCNU	CNU		37 40N	095 29W	304
KS	COFFEYVILLE	KCFV	CFV		37 05N	095 34W	226
KS	CONCORDIA	KCNK	CNK	72458	39 33N	097 39W	453
KS	DODGE CITY	KDDC	DDC	72451	37 46N	099 58W	791
KS	ELKHART	KEHA	EHA	72460	37 00N	101 53W	1102
KS	EMPORIA	KEMP	EMP		38 20N	096 12W	367
KS	GARDEN CITY	KGCK	GCK		37 56N	100 44W	882
KS	GOODLAND	KGLD	GLD	72465	39 22N	101 42W	1110
KS	GREAT BEND	KGBD	GBD		38 21N	098 52W	600

KS HAYS	KHYS	HYS		38 51N	099 16W	609
KS HILL CITY	KHLC	HLC		39 23N	099 50W	677
KS HUTCHINSON	KHUT	HUT		38 04N	097 52W	470
KS LAWRENCE	KLWC	LWC		39 01N	095 13W	253
KS LIBERAL	KLBL	LBL		37 03N	100 58W	878
KS MANHATTAN	KMHK	MHK		39 08N	096 41W	318
KS MEDICINE LODGE	KP28	P28	72452	37 18N	098 35W	468
KS NEWTON	KEWK	EWK		38 03N	097 16W	480
KS OLATHE/EXECUTIVE	KOJC	OJC		38 51N	094 44W	334
KS OLATHE/NEW CENTU	KIXD	IXD		38 50N	094 53W	331
KS PARSONS	KPPF	PPF		37 20N	095 31W	274
KS PRATT	KPTT	PTT	74543	37 42N	098 45W	595
KS RUSSELL	KRSL	RSL		38 52N	098 49W	568
KS SALINA	KSLN	SLN		38 48N	097 39W	387
KS TOPEKA	KTOP	TOP	72456	39 04N	095 37W	268
KS TOPEKA/FORBES	KFOE	FOE		38 57N	095 40W	324
KS WICHITA	KICT	ICT	72450	37 39N	097 27W	406
KS WICHITA/JABARA	KAAO	AAO		37 45N	097 13W	433
KS WICHITA/MCCONNEL	KIAB	IAB		37 37N	097 16W	418
KS WINFIELD	KWLD	WLD		37 10N	097 02W	354

KENTUCKY

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
KY	BOWLING GREEN	KBWG	BWG		36 58N	086 25W	161
KY	COVINGTON	KCVG	CVG	72421	39 03N	084 40W	271
KY	HENDERSON	KEHR	EHR		37 48N	087 41W	118
KY	HOPKINSVILLE	KHOP	HOP	74671	36 40N	087 30W	174
KY	FRANKFORT	KFFT	FFT		38 11N	084 54W	245
KY	FORT KNOX/GODMAN	KFTK	FTK	72424	37 54N	085 58W	230
KY	GLASGOW	KGLW	GLW		37 02N	085 57W	218
KY	JACKSON	KJKL	JKL		37 35N	083 19W	414
KY	LEXINGTON	KLEX	LEX	72422	38 02N	084 36W	298
KY	LONDON	KLOZ	LOZ	72329	37 05N	084 04W	366
KY	LOUISVILLE/BOWMA	KLOU	LOU		38 14N	085 40W	166
KY	LOUISVILLE/INTL	KSDF	SDF	72423	38 11N	085 44W	151
KY	MIDDLESBORO	K1A6	1A6		36 37N	083 44W	352
KY	MONTICELLO	KEKQ	EKQ		36 51N	084 51W	294
KY	OWENSBORO	KOWB	OWB		37 44N	087 10W	124
KY	PADUCAH	KPAH	PAH	72435	37 04N	088 46W	125
KY	SOMERSET	KSME	SME		37 03N	084 37W	283

LOUISIANA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
LA	ALEXANDRIA	KAEX	AEX	74754	31 20N	092 33W	27
LA	ALEXANDRIA/ESLER	KESF	ESF		31 24N	092 18W	33
LA	AMELIA	K7R3	7R3		29 42N	091 06W	1
LA	BASTROP	K2F8	2F8		32 45N	091 53W	51
LA	BATON ROUGE	KBTR	BTR		30 32N	091 09W	21
LA	BOSSIER CITY/BAR	KBAD	BAD		32 30N	093 40W	51
LA	BOOTHVILLE	KBVE	BVE	72232	29 20N	089 24W	1
LA	BOOTHVILLE/HELIP	K1B7	1B7		29 21N	089 26W	1
LA	CREOLE	K4C0	4C0		29 47N	093 11W	
LA	DERIDDER	KDRI	DRI		30 50N	093 20W	62
LA	FORT POLK	KPOE	POE	72239	31 09N	092 59W	101
LA	FORT POLK/FULLER	KBKB	BKB		31 00N	092 58W	94
LA	FORT POLK/PEASON	KAQV	AQV		31 24N	093 16W	111
LA	FORT POLK/SELF	KDNK	DNK		31 06N	093 00W	114
LA	FOURCHON	K9F2	9F2		29 06N	090 12W	2
LA	GALLIANO	K2GL	2GL		29 25N	090 18W	2
LA	GALLIANO/SOUTH L	KGAO	GAO		29 27N	090 16W	1
LA	GARDEN BANKS 426	KQT8	QT8		27 32N	092 26W	
LA	GREEN CANYON 158	KQT9	QT9		27 47N	090 38W	
LA	GREEN CANYON 184	KXCN	XCN		27 46N	091 31W	
LA	HAMMOND	KHDC	HDC		30 31N	090 25W	13
LA	HIGH ISLAND 264C	KH08	H08		28 28N	093 44W	
LA	HOUMA	KHUM	HUM		29 34N	090 39W	3
LA	LAFAYETTE	KLFT	LFT		30 12N	091 59W	13
LA	LAKE CHARLES	KLCH	LCH	72240	30 08N	093 13W	4
LA	LAKE CHARLES/CHE	KCWF	CWF		30 13N	093 09W	5
LA	MISS CANYON 807	KCYD	CYD		28 10N	089 13W	
LA	MONROE	KMLU	MLU		32 31N	092 02W	24
LA	NATCHITOCHES	KIER	IER		31 44N	093 06W	37
LA	NEW IBERIA	KARA	ARA		30 02N	091 53W	7
LA	NEW ORLEANS/AUDU	KAUD	AUD		29 56N	090 08W	2
LA	NEW ORLEANS/INTL	KMSY	MSY	72231	29 59N	090 15W	1
LA	NEW ORLEANS/LAKE	KNEW	NEW		30 03N	090 02W	3
LA	NEW ORLEANS NAS	KNBG	NBG		29 50N	090 01W	1
LA	OAKDALE	KACP	ACP		30 45N	092 41W	33
LA	PATTERSON	KPTN	PTN		29 43N	091 20W	3
LA	SALT POINT	KP92	P92		29 31N	091 33W	1
LA	SHREVEPORT	KSHV	SHV	72248	32 27N	093 50W	78
LA	SHREVEPORT/DOWNT	KDTN	DTN		32 31N	093 45W	55
LA	SLIDELL	KASD	ASD		30 21N	089 49W	8
LA	S. TIMBALIER 300	KS58	S58		28 09N	090 43W	31

MASSACHUSETTS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MA	BEDFORD	KBED	BED	74490	42 28N	071 17W	44
MA	BEVERLY	KBVY	BVY		42 35N	070 55W	33
MA	BOSTON	KBOS	BOS	72509	42 22N	071 02W	6
MA	CHATHAM	KCQX	CQX		41 41N	069 59W	21
MA	EAST MILTON/BLUE	KMQE	MQE	74992	42 13N	071 07W	200
MA	FALMOUTH/OTIS	KFMH	FMH	72506	41 39N	070 31W	40
MA	FITCHBURG	KFIT	FIT		42 33N	071 45W	107
MA	HYANNIS	KHYA	HYA		41 40N	070 17W	16
MA	MARSHFIELD	K3B2	3B2		42 06N	070 40W	3
MA	LAWRENCE	KLWM	LWM		42 43N	071 07W	47
MA	NANTUCKET	KACK	ACK		41 15N	070 04W	14
MA	NEW BEDFORD	KEWB	EWB		41 41N	070 58W	24
MA	NORTH ADAMS	KAQW	AQW		42 42N	073 11W	199
MA	NORWOOD	KOWD	OWD		42 11N	071 11W	15
MA	ORANGE	KORE	ORE		42 34N	072 17W	169
MA	PITTSFIELD	KPSF	PSF		42 26N	073 18W	364
MA	PLYMOUTH	KPYM	PYM		41 55N	070 44W	45
MA	PROVINCETOWN	KPVC	PVC		42 04N	070 13W	2
MA	SPRINGFIELD/CHIC	KCEF	CEF	74491	42 12N	072 32W	75
MA	TAUNTON	KTAN	TAN		41 53N	071 01W	13
MA	VINEYARD HAVEN	KMVY	MVY		41 24N	070 37W	21
MA	WESTFIELD	KBAF	BAF		42 10N	072 43W	82
MA	WORCESTER	KORH	ORH		42 16N	071 53W	308

MARYLAND

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MD	ABERDEEN/PHILLIP	KAPG	APG		39 27N	076 10W	18
MD	ANNAPOLIS/USNA	KNAK	NAK		38 58N	076 29W	2
MD	BALTIMORE/INNER	KDMH	DMH		39 17N	076 37W	6
MD	BALTIMORE/INTL	KBWI	BWI	72406	39 11N	076 40W	10
MD	BALTIMORE/STATE	KMTN	MTN		39 20N	076 25W	7
MD	CAMP SPRINGS/AND	KADW	ADW	74594	38 49N	076 52W	84
MD	CUMBERLAND	KCBE	CBE		39 37N	078 45W	236
MD	EASTON	KESN	ESN		38 48N	076 04W	22
MD	FREDERICK	KFDK	FDK		39 25N	077 22W	92
MD	FORT MEADE	KFME	FME		39 05N	076 46W	46
MD	HAGERSTOWN	KHGR	HGR		39 42N	077 44W	214
MD	OCEAN CITY	KOXB	OXB		38 19N	075 07W	3
MD	PATUXENT RIVER	KNHK	NHK	72404	38 17N	076 24W	14
MD	SALISBURY	KSBY	SBY		38 20N	075 31W	16

MAINE

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
ME	AUGUSTA	KAUG	AUG		44 19N	069 48W	109
ME	BANGOR	KBGR	BGR		44 48N	068 49W	62
ME	BAR HARBOR	KBHB	BHB		44 27N	068 22W	26
ME	BRUNSWICK NAS	KNHZ	NHZ	74392	43 53N	069 56W	24
ME	CARIBOU	KCAR	CAR	72712	46 52N	068 01W	163
ME	CLAYTON LAKE	K40B	40B		46 37N	069 32W	305
ME	FRENCHVILLE	KFVE	FVE		47 17N	068 19W	301
ME	FRYEBURG	KIZG	IZG		43 59N	070 57W	138
ME	GREENVILLE	KGNR	GNR		45 28N	069 36W	306
ME	HOULTON	KHUL	HUL		46 08N	067 47W	150
ME	LEWISTON	KLEW	LEW		44 03N	070 17W	88
ME	MILLINOCKET	KMLT	MLT		45 39N	068 41W	124
ME	PORTLAND	KPWM	PWM	72606	43 39N	070 18W	22
ME	PRESQUE ISLE	KPQI	PQI	72713	46 41N	068 03W	146
ME	ROCKLAND	KRKD	RKD		44 04N	069 07W	18
ME	SANFORD	KSFM	SFM		43 24N	070 43W	70
ME	WATERVILLE	KWVL	WVL		44 32N	069 40W	100
ME	WISCASSET	KIWI	IWI		43 58N	069 43W	21

MICHIGAN

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MI	ADRIAN	KADG	ADG		41 52N	084 05W	242
MI	ALMA	KAMN	AMN		43 19N	084 41W	230
MI	ALPENA	KAPN	APN	72639	45 04N	083 34W	210
MI	ANN ARBOR	KARB	ARB		42 13N	083 45W	256
MI	BAD AXE	KBAX	BAX		43 47N	082 59W	234
MI	BATTLE CREEK	KBTL	BTL		42 18N	085 15W	287
MI	BEAVER ISLAND	KSJX	SJX		45 42N	085 34W	204
MI	BELLAIRE	KACB	ACB		44 59N	085 12W	190
MI	BENTON HARBOR	KBEH	BEH		42 08N	086 26W	196
MI	BIG RAPIDS	KRQB	RQB		43 43N	085 30W	302
MI	CADILLAC	KCAD	CAD		44 17N	085 25W	399
MI	CARO	KCFS	CFS		43 28N	083 27W	214
MI	CHARLEVOIX	KCVX	CVX		45 18N	085 16W	204
MI	CHARLOTTE	KFPK	FPK		42 34N	084 49W	272
MI	CHEBOYGAN	KSLH	SLH		45 39N	084 31W	195
MI	COLDWATER	KOEB	OEB		41 56N	085 03W	292
MI	COPPER HARBOR	KP59	P59		47 28N	087 53W	190
MI	DETROIT/CITY AP	KDET	DET		42 25N	083 01W	190
MI	DETROIT/GROSSE I	KONZ	ONZ		42 06N	083 10W	180
MI	DETROIT/WAYNE	KDTW	DTW	72537	42 14N	083 20W	191
MI	DETROIT/WILLOW R	KYIP	YIP		42 14N	083 32W	218
MI	DRUMMOND ISLAND	KDRM	DRM		46 01N	083 45W	204
MI	ESCANABA	KESC	ESC	72648	45 43N	087 06W	185
MI	FRANKFORT	KFKS	FKS		44 38N	086 12W	193

MI FLINT	KFNT	FNT	72637	42	58N	083	45W	238
MI GAYLORD	KGLR	GLR		45	01N	084	41W	404
MI GRAND RAPIDS	KGRR	GRR	72635	42	54N	085	33W	242
MI GRAYLING	KGOV	GOV		44	41N	084	44W	353
MI HANCOCK	KCMX	CMX	72744	47	10N	088	30W	333
MI HARBOR SPRINGS	KMGH	MGN		45	26N	084	55W	209
MI HILLSDALE	KJYM	JYM		41	55N	084	35W	360
MI HOLLAND	KBIV	BIV		42	45N	086	06W	210
MI HOUGHTON LAKE	KHTL	HTL	72638	44	22N	084	41W	351
MI HOWELL	KOZW	OZW		42	38N	083	59W	286
MI IRONWOOD	KIWD	IWD		46	32N	090	08W	380
MI IRON MOUNTAIN	KIMT	IMT		45	49N	088	07W	358
MI JACKSON	KJXN	JXN		42	16N	084	28W	305
MI KALAMAZOO	KAZO	AZO		42	14N	085	33W	266
MI LAMBERTVILLE	KDUH	DUH		41	44N	083	39W	204
MI LANSING	KLAN	LAN	72539	42	46N	084	36W	261
MI LUDINGTON	KLDM	LDM		43	58N	086	24W	197
MI MACKINAC ISLAND	KMCD	MCD		45	52N	084	38W	226
MI MANISTEE	KMBL	MBL		44	16N	086	15W	189
MI MANISTIQUE	KISQ	ISQ		45	58N	086	11W	209
MI MARQUETTE/SAWYER	KSAW	SAW		46	21N	087	24W	372
MI MARSHALL	KRMV	RMV		42	15N	084	57W	287
MI MASON	KTEW	TEW		42	34N	084	25W	280
MI MENOMINEE	KMNM	MNM		45	08N	087	38W	189
MI MONROE	KTTT	TTT		41	56N	083	26W	187
MI MOUNT CLEMENS	KMTC	MTC		42	37N	082	50W	178
MI MOUNT PLEASANT	KMOP	MOP		43	37N	084	44W	230
MI MUNISING	KP53	P53		46	24N	086	39W	187
MI MUSKEGON	KMKG	MKG	72636	43	10N	086	15W	191
MI NEWBERRY	KERY	ERY		46	19N	085	27W	265
MI OSCODA	KOSC	OSC		44	27N	083	23W	193
MI OWOSSO	KRNP	RNP		43	00N	084	08W	224
MI PELLSTON	KPLN	PLN		45	34N	084	48W	220
MI PONTIAC	KPTK	PTK		42	40N	083	25W	299
MI PORT HOPE	KP58	P58		44	01N	082	48W	179
MI PORT HURON	KPHN	PHN		42	55N	082	32W	198
MI ROGERS CITY	KPZQ	PZQ		45	24N	083	49W	204
MI SAGINAW	KMBS	MBS		43	32N	084	05W	204
MI SAGINAW/BROWNE	KHYX	HYX		43	26N	083	52W	183
MI SAULT STE MARIE	KANJ	ANJ	72734	46	29N	084	22W	219
MI SAULT STE MARIE/	KCIU	CIU		46	15N	084	28W	244
MI SOUTH HAVEN	KLWA	LWA		42	21N	086	15W	203
MI STURGIS	KIRS	IRS		41	49N	085	26W	282
MI THREE RIVERS	KHAI	HAI		41	58N	085	36W	251
MI TRAVERSE CITY	KTVL	TVC		44	44N	085	35W	190
MI TROY	KVLL	VLL		42	33N	083	11W	222

MINNESOTA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MN	AITKIN	KAIT	AIT		46 33N	093 41W	367
MN	ALBERT LEA	KAEL	AEL		43 41N	093 22W	383
MN	ALEXANDRIA	KAXN	AXN		45 52N	095 24W	434
MN	APPLETON	KAQP	AQP		45 14N	096 00W	311
MN	AUSTIN	KAUM	AUM		43 40N	092 56W	390
MN	BAUDETTE	KBDE	BDE		48 43N	094 36W	330
MN	BEMIDJI	KBJI	BJI	72755	47 30N	094 56W	425
MN	BENSON	KBBB	BBB		45 20N	095 39W	317
MN	BIGFORK	KFOZ	FOZ		47 47N	093 39W	411
MN	BRAINERD	KBRD	BRD		46 24N	094 08W	374
MN	BUFFALO	KCFE	CFE		45 10N	093 51W	295
MN	CAMBRIDGE	KCBG	CBG		45 34N	093 16W	288
MN	CANBY	K27D	27D		44 44N	096 16W	363
MN	CLOQUET	KCOQ	COQ		46 42N	092 30W	410
MN	COOK	KCQM	CQM		47 49N	092 41W	405
MN	CRANE LAKE	KCDD	CDD		48 16N	092 29W	350
MN	CROOKSTON	KCKN	CKN		47 51N	096 37W	274
MN	DETROIT LAKES	KDTL	DTL		46 50N	095 53W	419
MN	DODGE CENTER	KTOB	TOB		44 01N	092 50W	398
MN	DULUTH	KDLH	DLH	72745	46 50N	092 13W	436
MN	DULUTH/SKY HARBO	KDYT	DYT		46 43N	092 03W	186
MN	ELY	KELO	ELO		47 49N	091 50W	444
MN	EVELETH	KEVM	EVM		47 26N	092 30W	440
MN	FAIRBOLT	KFBL	FBL		44 20N	093 19W	322
MN	FAIRMONT	KFRM	FRM		43 39N	094 25W	354
MN	FERGUS FALLS	KFFM	FFM		46 17N	096 09W	369
MN	FLAG ISLAND	KFGN	FGN		49 19N	094 54W	329
MN	FOSSTON	KFSE	FSE		47 36N	095 47W	389
MN	GLENCOE	KGYL	GYL		44 45N	094 05W	302
MN	GLENWOOD	KGHW	GHW		45 39N	095 19W	425
MN	GRAND MARAIS	KCKC	CKC		47 50N	090 32W	548
MN	GRAND MARAIS	KGNA	GNA		47 50N	090 23W	186
MN	GRAND RAPIDS	KGPZ	GPZ		47 12N	093 31W	399
MN	GRANITE FALLS	KGDB	GDB		44 45N	095 33W	319
MN	HALLOCK	KHCO	HCO		48 45N	096 57W	249
MN	HIBBING	KHIB	HIB		47 23N	092 51W	412
MN	HUTCHINSON	KHCD	HCD		44 52N	094 23W	330
MN	INTERNATL FALLS	KINL	INL	72747	48 34N	093 23W	360
MN	JACKSON	KMJQ	MJQ		43 39N	094 59W	470
MN	LITCHFIELD	KLJF	LJF		45 08N	094 31W	348
MN	LITTLE FALLS	KLXL	LXL		45 57N	094 21W	360
MN	LONGVILLE	KXVG	XVG		47 00N	094 12W	407
MN	LUVERNE	KLYV	LYV		43 37N	096 13W	436
MN	MADISON	KDXX	DXX		44 59N	096 11W	330
MN	MANKATO	KMKT	MKT		44 13N	093 55W	311
MN	MAPLE LAKE	KMGG	MGG		45 14N	093 59W	313
MN	MARSHALL	KMML	MML		44 27N	095 49W	356
MN	MC GREGOR	KHZX	HZX		46 37N	093 19W	734

MN MINNEAPOLIS	KMSP	MSP	72658	44	53N	093	13W	256
MN MINNEAPOLIS/AIRL	KLVN	LVN		44	38N	093	14W	293
MN MINNEAPOLIS/BLAI	KANE	ANE		45	09N	093	13W	277
MN MINNEAPOLIS/CRYS	KMIC	MIC		45	04N	093	21W	265
MN MINNEAPOLIS/FLYI	KFCM	FCM		44	50N	093	27W	272
MN MONTEVIDEO	KMVE	MVE		44	59N	095	42W	316
MN MOORHEAD	KJKJ	JKJ		46	50N	096	40W	280
MN MOOSE LAKE	KMZH	MZH		46	25N	092	48W	328
MN MORA	KJMR	JMR		45	53N	093	16W	310
MN MORRIS	KMOX	MOX		45	34N	095	58W	360
MN NEW ULM	KULM	ULM		44	19N	094	30W	310
MN OLIVIA	KOVL	OVL		44	47N	095	02W	328
MN ORR	KORB	ORB		48	01N	092	51W	399
MN ORTONVILLE	KVVV	VVV		45	18N	096	25W	335
MN OWATONNA	KOWA	OWA		44	07N	093	15W	360
MN PARK RAPIDS	KPKD	PKD		46	54N	095	04W	460
MN PAYNESVILLE	KPEX	PEX		45	22N	094	45W	360
MN PINE RIVER	KPWC	PWC		46	44N	094	23W	395
MN PIPESTONE	KPQN	PQN		43	59N	096	18W	550
MN PRESTON	KFKA	FKA		43	41N	092	11W	389
MN PRINCETON	KPNM	PNM		45	32N	093	36W	300
MN RED WING	KRGK	RGK		44	35N	092	29W	239
MN REDWOOD FALLS	KRWF	RWF		44	33N	095	05W	311
MN ROCHESTER	KRST	RST	72644	43	55N	092	30W	399
MN ROSEAU	KROX	ROX		48	51N	095	42W	320
MN RUSH CITY	KROS	ROS		45	42N	092	57W	281
MN SAINT CLOUD	KSTC	STC	72655	45	33N	094	04W	313
MN ST JAMES	KJYG	JYG		43	59N	094	33W	325
MN ST PAUL	KSTP	STP		44	56N	093	04W	215
MN SILVER BAY	KBFW	BFW		47	15N	091	25W	332
MN SLAYTON	KDVP	DVP		43	59N	095	47W	495
MN SOUTH ST PAUL	KSGS	SGS		44	51N	093	02W	250
MN STANTON	KSYN	SYN		44	29N	093	01W	280
MN STAPLES	KSAZ	SAZ		46	23N	094	48W	392
MN THIEF RVR FALLS	KTVF	TVF		48	04N	096	11W	340
MN TRACY	KTKC	TKC		44	15N	095	36W	408
MN TWO HARBORS	KTWM	TWM		47	03N	091	45W	320
MN WADENA	KADC	ADC		46	27N	095	13W	418
MN WARROAD INTL	KRRT	RRT		48	56N	095	21W	327
MN WASCECA	KACQ	ACQ		44	04N	093	33W	343
MN WASKISH	KVWU	VWU		48	09N	094	31W	360
MN WHEATON	KETH	ETH		45	47N	096	33W	313
MN WILLMAR	KILL	ILL		45	04N	095	03W	350
MN WINDOM	KMWM	MWM		43	55N	095	07W	410
MN WINONA	KONA	ONA		44	05N	091	42W	210
MN WORTHINGTON	KOTG	OTG		43	39N	095	35W	480

MISSOURI

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MO	CAPE GIRARDEAU	KCGI	CGI		37 14N	089 34W	104
MO	CHILLICOTHE/AGRI	KCDJ	CDJ		39 49N	093 35W	234
MO	COLUMBIA	KCOU	COU	72445	38 49N	092 13W	271
MO	FARMINGTON	KFAM	FAM		37 46N	090 26W	288
MO	FT LEONARD WOOD	KTBN	TBN		37 45N	092 08W	353
MO	JEFFERSON CITY	KJEF	JEF		38 36N	092 09W	167
MO	JOPLIN	KJLN	JLN		37 09N	094 30W	299
MO	KAISER/LAKE OZAR	KAIZ	AIZ		38 06N	092 33W	265
MO	KANSAS CITY/DOWN	KMKC	MKC		39 07N	094 36W	231
MO	KANSAS CITY/INTL	KMCI	MCI	72446	39 19N	094 43W	312
MO	KIRKSVILLE	KIRK	IRK		40 06N	092 33W	294
MO	KNOB NOSTER	KSZL	SZL		38 44N	093 33W	265
MO	LEE'S SUMMIT	KLXT	LXT		38 58N	094 22W	306
MO	POPLAR BLUFF	KPOF	POF		36 46N	090 19W	100
MO	ST CHARLES	KSET	SET		38 56N	090 26W	133
MO	ST JOSEPH	KSTJ	STJ	72449	39 46N	094 55W	252
MO	ST LOUIS/LAMBERT	KSTL	STL	72434	38 45N	090 22W	174
MO	ST LOUIS/SPIRIT	KSUS	SUS		38 40N	090 39W	141
MO	SEDALIA	KDMO	DMO		38 42N	093 11W	277
MO	SPRINGFIELD	KSGF	SGF	72440	37 14N	093 24W	386
MO	VICHY/ROLLA	KVIH	VIH		38 07N	091 46W	350
MO	WEST PLAINS	KUNO	UNO	72348	36 44N	091 51W	308

MISSISSIPPI

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MS	BAY ST LOUIS	KHSA	HSA		30 22N	089 27W	7
MS	BILOXI/KEESLER	KBIX	BIX		30 25N	088 55W	8
MS	CLARKSDALE	KCKM	CKM		34 18N	090 31W	53
MS	COLUMBUS AFB	KCBM	CBM		33 39N	088 27W	67
MS	COLUMBUS/GOLDEN	KGTR	GTR		33 27N	088 35W	79
MS	GREENVILLE	KGLH	GLH		33 29N	090 59W	40
MS	GREENWOOD	KGWO	GWO		33 30N	090 05W	47
MS	GULFPORT	KGPT	GPT		30 24N	089 04W	9
MS	HATTIESBURG/CHAI	KHBG	HBG		31 16N	089 15W	46
MS	HATTIESBURG/LAUR	KPIB	PIB		31 28N	089 20W	91
MS	JACKSON	KJAN	JAN	72235	32 19N	090 05W	94
MS	JACKSON/HAWKINS	KHKS	HKS		32 20N	090 13W	103
MS	MCCOMB	KMCB	MCB		31 11N	090 28W	126
MS	MERIDIAN	KMEI	MEI	72234	32 20N	088 45W	91
MS	MERIDIAN NAS	KNMM	NMM		32 33N	088 34W	97
MS	NATCHEZ	KHEZ	HEZ		31 37N	091 18W	83
MS	OLIVE BRANCH	KOLV	OLV		34 59N	089 47W	122
MS	PASCAGOULA	KPQL	PQL		30 28N	088 32W	6
MS	TUNICA	KUTA	UTA		34 41N	090 31W	59

MS TUPELO	KTUP	TUP	72332	34 16N	088 44W	110
MS VICKSBURG/TALLUL	KTVR	TVR		32 21N	091 02W	25

MONTANA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MT	BAKER	KBHK	BHK		46 21N	104 16W	902
MT	BILLINGS	KBIL	BIL	72677	45 48N	108 32W	1099
MT	BOZEMAN	KBZN	BZN		45 47N	111 09W	1360
MT	BUTTE	KBTM	BTM		45 57N	112 30W	1693
MT	CUT BANK	KCTB	CTB		48 36N	112 22W	1174
MT	DILLON	KDLN	DLN		45 15N	112 33W	1597
MT	DRUMMOND	K3DU	3DU		46 40N	113 09W	1202
MT	GLASGOW	KGGW	GGW	72768	48 12N	106 37W	693
MT	GLENDAVE	KGDV	GDV		47 08N	104 48W	749
MT	GREAT FALLS	KGTF	GTF	72775	47 29N	111 22W	1118
MT	GREAT FALLS/MALM	KGFA	GFA		47 30N	111 11W	1074
MT	HAVRE	KHVR	HVR	72777	48 33N	109 46W	789
MT	HELENA	KHLN	HLN	72772	46 36N	112 00W	1183
MT	JORDAN	KJDN	JDN		47 20N	106 56W	811
MT	KALISPELL	KGPI	GPI	72779	48 18N	114 16W	905
MT	LEWISTOWN	KLWT	LWT		47 03N	109 28W	1279
MT	LIVINGSTON	KLVM	LVM		45 42N	110 27W	1419
MT	MILES CITY	KMLS	MLS	74230	46 26N	105 52W	801
MT	MISSOULA	KMSO	MSO	72773	46 55N	114 05W	976
MT	SIDNEY	KSDY	SDY		47 43N	104 12W	604
MT	W YELLOWSTONE/WS	KWEY	WEY		44 39N	111 06W	2031
MT	W YELLOWSTONE/AP	KWYS	WYS		44 41N	111 07W	2025
MT	WOLF POINT	KOLF	OLF		48 06N	105 35W	605

NORTH CAROLINA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NC	AHOSKIE	KASJ	ASJ		36 18N	077 10W	21
NC	ALBEMARLE	KVUJ	VUJ		35 25N	080 09W	186
NC	ANDREWS	KRHP	RHP		35 12N	083 52W	517
NC	ASHEBORO	KHBI	HBI		35 39N	079 54W	205
NC	ASHEVILLE	KAVL	AVL	72315	35 26N	082 33W	659
NC	BEAUFORT	KMRH	MRH		34 44N	076 39W	3
NC	BOONE	KTNB	TNB		36 12N	081 39W	911
NC	BURLINGTON	KBUY	BUY		36 03N	079 28W	187
NC	CHAPEL HILL	KIGX	IGX		35 56N	079 04W	155
NC	CHARLOTTE	KCLT	CLT	72314	35 13N	080 56W	228
NC	CHERRY POINT	KNKT	NKT	72309	34 54N	076 53W	13
NC	CLINTON	KCTZ	CTZ		34 59N	078 22W	45
NC	CONCORD	KJQF	JQF		35 23N	080 43W	210
NC	CURRITUCK	KONX	ONX		36 24N	076 01W	5
NC	EDENTON	KEDE	EDE		36 02N	076 34W	6
NC	ELIZABETH CITY	KECG	ECG		36 16N	076 11W	4

NC ELIZABETHTOWN	KEYF	EYF		34 36N	078 35W	41
NC ERWIN	KHRJ	HRJ		35 23N	078 44W	60
NC FAYETTEVILLE	KFAY	FAY		35 00N	078 53W	57
NC FAYETTEVILLE/POP	KPOB	POB	72303	35 10N	079 01W	66
NC FORT BRAGG	KFBG	FBG	74693	35 08N	078 56W	74
NC FRANKLIN	K1A5	1A5		35 13N	083 25W	616
NC GASTONIA	KAKH	AKH		35 12N	081 09W	244
NC GREENSBORO	KGSO	GSO	72317	36 05N	079 57W	283
NC GREENVILLE	KPGV	PGV		35 38N	077 23W	8
NC GOLDSBORO	KGWW	GWV		35 28N	077 58W	41
NC GOLDSBORO/SEYMOU	KGSB	GSB		35 20N	077 58W	33
NC HATTERAS/MITCHEL	KHSE	HSE	72304	35 14N	075 37W	5
NC HICKORY	KHKY	HKY		35 45N	081 23W	362
NC HOFFMAN/MACKALL	KHFF	HFF		35 02N	079 30W	115
NC JACKSONVILLE	KOAJ	OAJ		34 50N	077 37W	27
NC JACKSONVILLE/NEW	KNCA	NCA		34 42N	077 26W	8
NC JEFFERSON	KGEV	GEV		36 26N	081 25W	969
NC KENANSVILLE	KDPL	DPL		35 00N	077 59W	42
NC KILL DEVIL HILLS	KFFA	FFA		36 01N	075 40W	4
NC KINSTON	KISO	ISO		35 20N	077 37W	29
NC LEXINGTON	KEXX	EXX		35 47N	080 18W	223
NC LINCOLNTON	KIPJ	IPJ		35 29N	081 10W	267
NC LOUISBURG	KLHZ	LHZ		36 01N	078 20W	113
NC LUMBERTON	KLBT	LBT		34 36N	079 04W	38
NC MANTEO	KMQI	MQI		35 55N	075 42W	4
NC MAXTON	KMEB	MEB		34 47N	079 22W	67
NC MONROE	KEQY	EQY		35 01N	080 37W	207
NC MORGANTON	KMRN	MRN		35 49N	081 37W	387
NC MOUNT AIRY	KMWK	MWK		36 28N	080 33W	380
NC NEW BERN	KEWN	EWN		35 05N	077 03W	6
NC NORTH WILKESBORO	KUKF	UKF		36 13N	081 06W	396
NC OXFORD	KHNZ	HNZ		36 22N	078 32W	161
NC RALEIGH/DURHAM	KRDU	RDU	72306	35 52N	078 47W	133
NC REIDSVILLE	KSIF	SIF		36 26N	079 51W	211
NC ROANOKE RAPIDS	KRZZ	RZZ		36 26N	077 43W	77
NC ROCKINGHAM	KRCZ	RCZ		34 53N	079 46W	109
NC ROCKY MOUNT	KRWI	RWI		35 51N	077 54W	30
NC ROXBORO	KTDF	TDF		36 17N	078 59W	186
NC RUTHERFORDTON	KFQD	FQD		35 26N	081 56W	329
NC SALISBURY	KRUQ	RUQ		35 39N	080 31W	236
NC SANFORD	KTTA	TTA		35 35N	079 06W	75
NC SHELBY	KEHO	EHO		35 15N	081 36W	258
NC SMITHFIELD	KJNX	JNX		35 32N	078 23W	50
NC SOUTHERN PINES	KSOP	SOP		35 14N	079 24W	150
NC SOUTHPORT	KSUT	SUT		33 56N	078 05W	8
NC STATESVILLE	KSVH	SVH		35 46N	080 57W	294
NC WASHINGTON	KOCW	OCW		35 34N	077 03W	12
NC WHITEVILLE	KCPC	CPC		34 16N	078 43W	30
NC WILMINGTON	KILM	ILM	72302	34 16N	077 54W	9
NC WINSTON SALEM	KINT	INT		36 08N	080 14W	295

NORTH DAKOTA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
ND	BISMARCK	KBIS	BIS	72764	46 46N	100 46W	504
ND	DEVILS LAKE	KDVL	DVL		48 07N	098 54W	443
ND	DICKINSON	KDIK	DIK		46 48N	102 48W	789
ND	FARGO	KFAR	FAR	72753	46 54N	096 48W	274
ND	GARRISON	KN60	N60		47 39N	101 26W	589
ND	GRAND FORKS	KGFK	GFK		47 57N	097 11W	257
ND	GRAND FORKS AFB	KRDR	RDR		47 58N	097 24W	277
ND	HETTINGER	KHEI	HEI		46 01N	102 39W	825
ND	JAMESTOWN	KJMS	JMS		46 56N	098 41W	457
ND	MINOT	KMOT	MOT		48 16N	101 17W	523
ND	MINOT AFB	KMIB	MIB		48 25N	101 21W	508
ND	WHAHPETON	KBWP	BWP		46 15N	096 36W	295
ND	WILLISTON	KISN	ISN	72767	48 11N	103 38W	592

NEBRASKA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NE	AINSWORTH	KANW	ANW		42 35N	099 59W	789
NE	ALBION	KBVN	BVN		41 44N	098 03W	551
NE	ALLIANCE	KAIA	AIA		42 03N	102 48W	1198
NE	AURORA	KAUH	AUH		40 54N	098 00W	550
NE	BEATRICE	KBIE	BIE		40 19N	096 45W	403
NE	BROKEN BOW	KBBW	BBW		41 26N	099 38W	771
NE	CHADRON	KCDR	CDR		42 50N	103 06W	1004
NE	COLUMBUS	KOLU	OLU		41 27N	097 20W	440
NE	FALLS CITY	KFNB	FNB		40 05N	095 35W	300
NE	FREEMONT	KFET	FET		41 27N	096 31W	367
NE	GRAND ISLAND	KGRI	GRI	72552	40 58N	098 19W	563
NE	HASTINGS	KHSI	HSI		40 36N	098 26W	596
NE	HEBRON	KHJH	HJH		40 09N	097 35W	447
NE	HOLDREGE	KHDE	HDE		40 27N	099 20W	705
NE	IMPERIAL	KIML	IML		40 31N	101 37W	999
NE	KEARNEY	KEAR	EAR		40 44N	099 00W	649
NE	KIMBALL	KIBM	IBM		41 11N	103 41W	1501
NE	LEXINGTON	KLXN	LXN		40 47N	099 47W	735
NE	LINCOLN	KLNK	LNK	72551	40 51N	096 45W	362
NE	MCCOOK	KMCK	MCK		40 12N	100 35W	786
NE	NEBRASKA CITY	KAFK	AFK		40 36N	095 52W	354
NE	NORFOLK	KOFK	OFK	72556	41 59N	097 26W	479
NE	NORTH PLATTE	KLBF	LBF	72562	41 08N	100 41W	847
NE	OGALLALA	KOGA	OGA		41 07N	101 46W	999
NE	OMAHA/EPPLEY	KOMA	OMA	72550	41 19N	095 54W	313
NE	OMAHA/MILLARD	KMLE	MLE		41 12N	096 07W	320
NE	OMAHA/OFFUTT AFB	KOFF	OFF	72554	41 07N	095 55W	319
NE	ONEIL	KONL	ONL		42 28N	098 41W	619
NE	ORD	KODX	ODX		41 37N	098 57W	631

NE SCOTTSBLUFF	KBFF	BFF	72566	41 52N	103 36W	1209
NE SIDNEY	KSNY	SNY	72561	41 06N	102 59W	1314
NE TEKAMAH	KTQE	TQE		41 46N	096 11W	313
NE THEDFORD	KTIF	TIF		41 58N	100 34W	892
NE VALENTINE	KVTN	VTN	72567	42 52N	100 33W	788
NE WAYNE	KLCG	LCG		42 15N	096 59W	436
NE YORK	KJYR	JYR		40 54N	097 37W	509

NEW HAMPSHIRE

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NH	BERLIN	KBML	BML	72616	44 35N	071 11W	353
NH	CONCORD	KCON	CON	72605	43 12N	071 30W	103
NH	JAFFREY	KAFN	AFN		42 48N	072 00W	317
NH	KEENE	KEEN	EEN		42 54N	072 16W	148
NH	LACONIA	KLCI	LCI		43 34N	071 25W	167
NH	LEBANON	KLEB	LEB		43 38N	072 18W	177
NH	MANCHESTER	KMHT	MHT		42 56N	071 26W	71
NH	MOUNT WASHINGTON	KMWN	MWN	72613	44 16N	071 18W	1909
NH	NASHUA	KASH	ASH		42 47N	071 31W	61
NH	PLYMOUTH	K1P1	1P1		43 47N	071 45W	154
NH	PORTSMOUTH	KPSM	PSM		43 05N	070 49W	31
NH	ROCHESTER	KDAW	DAW		43 17N	070 55W	103
NH	WHITEFIELD	KHIE	HIE		44 22N	071 33W	327

NEW JERSEY

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NJ	ANDOVER	K12N	12N		41 01N	074 44W	177
NJ	ATLANTIC CITY	KACY	ACY	72407	39 27N	074 34W	21
NJ	BELMAR/FARMINGDA	KBLM	BLM		40 11N	074 07W	45
NJ	CALDWELL	KCDW	CDW		40 52N	074 17W	53
NJ	LAKEHURST NAS	KNEL	NEL	72409	40 02N	074 21W	24
NJ	MILLVILLE	KMIV	MIV		39 22N	075 04W	27
NJ	MORRISTOWN	KMMU	MMU		40 48N	074 25W	57
NJ	MOUNT HOLLY	KVAY	VAY		39 56N	074 50W	16
NJ	NEWARK	KEWR	EWR	72502	40 42N	074 10W	5
NJ	SOMERVILLE	KSMQ	SMQ		40 37N	074 40W	32
NJ	SUSSEX	KFWN	FWN		41 12N	074 38W	133
NJ	TETERBORO	KTEB	TEB		40 51N	074 04W	3
NJ	TRENTON	TTTN	TTN		40 17N	074 49W	65
NJ	WILDWOOD	KWWD	WWD		39 01N	074 55W	7
NJ	WRIGHTSTOWN/MCGU	KWRI	WRI		40 01N	074 36W	41

NEW MEXICO

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NM	ALAMOGORDO	KALM	ALM	72269	32 50N	105 59W	1280
NM	ALAMOGORDO/HOLLO	KHMN	HMN	74732	32 51N	106 06W	1248
NM	ALBUQUERQUE	KABQ	ABQ	72365	35 03N	106 36W	1631
NM	ALBUQUERQUE/DOUB	KAEG	AEG		35 09N	106 48W	1779
NM	ARTESIA	KATS	ATS		32 51N	104 28W	1081
NM	CARLSBAD	KCNM	CNM		32 20N	104 16W	1004
NM	CHAMA	KE33	E33		36 54N	106 35W	2363
NM	CLAYTON	KCAO	CAO	72360	36 27N	103 09W	1515
NM	CLINES CORNERS	KCQC	CQC		35 00N	105 40W	2160
NM	CLOVIS	KCVN	CVN		34 26N	103 05W	1284
NM	CLOVIS/CANNON	KCVS	CVS		34 23N	103 19W	1309
NM	CORONA	K4CR	4CR		34 06N	105 41W	1981
NM	DEMING	KDMN	DMN		32 16N	107 43W	1315
NM	FARMINGTON	KFMN	FMN		36 45N	108 14W	1677
NM	GALLUP	KGUP	GUP		35 31N	108 47W	1972
NM	GRANTS	KGNT	GNT		35 10N	107 54W	1989
NM	HOBBS	KHOB	HOB		32 41N	103 13W	1115
NM	LAS CRUCES	KLRU	LRU		32 17N	106 55W	1358
NM	LAS VEGAS	KLVS	LVS		35 39N	105 09W	2093
NM	LOS ALAMOS	KLAM	LAM		35 53N	106 17W	2179
NM	MORIARTY	K4MY	4MY		34 59N	106 03W	1896
NM	RATON	KRTN	RTN		36 45N	104 39W	1935
NM	ROSWELL	KROW	ROW	72268	33 18N	104 32W	1104
NM	RUIDOSO	KSRR	SRR		33 28N	105 32W	2077
NM	SANTA FE	KSAF	SAF		35 37N	106 05W	1934
NM	SANTA TERESA	K5T6	5T6		31 53N	106 42W	1253
NM	SILVER CITY	KSVC	SVC	72272	32 38N	108 09W	1660
NM	TAOS	KSKX	SKX		36 27N	105 40W	2100
NM	TORREON	K4SL	4SL		35 48N	107 11W	2106
NM	TRUTH OR CONSEQU	KTCS	TCS	72271	33 14N	107 16W	1481
NM	TUCUMCARI	KTCC	TCC		35 11N	103 36W	1238

NEVADA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NV	BATTLE MOUNTAIN	KB23	B23		40 35N	116 54W	1381
NV	ELKO	KEKO	EKO		40 50N	115 47W	1565
NV	ELKO/WILDHORSE	KAWH	AWH		41 40N	115 47W	1891
NV	ELY	KELY	ELY	72486	39 17N	114 51W	1907
NV	EUREKA	KP68	P68		39 36N	116 00W	1812
NV	FALLON	KNFL	NFL		39 25N	118 42W	1199
NV	INDIAN SPRINGS	KINS	INS	74614	36 35N	115 40W	955
NV	INDIAN SPRINGS	KL63	L63		36 32N	115 34W	972
NV	LAS VEGAS	KLAS	LAS	72386	36 05N	115 10W	662
NV	LAS VEGAS/HENDER	KHND	HND		35 59N	115 08W	749
NV	LAS VEGAS/NELLIS	KLSV	LSV		36 14N	115 02W	569

NV LOVELOCK	KLOL	LOL		40 04N	118 34W	1190
NV MERCURY	KDRA	DRA	72387	36 37N	116 02W	1010
NV NORTH LAS VEGAS	KVGT	VGJ		36 13N	115 12W	671
NV RENO	KRNO	RNO	72488	39 30N	119 47W	1344
NV TONOPAH	KTPH	TPH		38 04N	117 05W	1654
NV TONOPAH/NELLIS	KBJN	BJN		37 37N	116 15W	1756
NV WELLS	K9BB	9BB		41 07N	114 58W	1731
NV WINNEMUCCA	KWMC	WMC	72583	40 54N	117 48W	1312

NEW YORK

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NY	ALBANY	KALB	ALB		42 45N	073 48W	88
NY	BINGHAMTON	KBGM	BGM	72515	42 12N	075 59W	497
NY	BUFFALO	KBUF	BUF	72528	42 57N	078 44W	217
NY	DANSVILLE	KDSV	DSV	72523	42 34N	077 43W	201
NY	DUNKIRK	KDKK	DKK		42 30N	079 17W	203
NY	EAST HAMPTON	KHTO	HTO		40 58N	072 15W	17
NY	ELMIRA	KELM	ELM		42 10N	076 54W	290
NY	FARMINGDALE	KFRG	FRG		40 44N	073 25W	41
NY	FORT DRUM	KGTB	GTB	74370	44 03N	075 44W	207
NY	FULTON	KFZY	FZY		43 21N	076 23W	145
NY	GLENS FALLS	KGFL	GFL		43 21N	073 37W	100
NY	ISLIP	KISP	ISP		40 48N	073 06W	30
NY	ITHACA	KITH	ITH		42 29N	076 28W	335
NY	JAMESTOWN	KJHW	JHW		42 09N	079 15W	525
NY	MASSENA	KMSS	MSS		44 56N	074 51W	65
NY	MONTAUK	KMTP	MTP		41 04N	071 55W	2
NY	MONTGOMERY	KMGJ	MGJ		41 31N	074 16W	109
NY	MONTICELLO	KMSV	MSV		41 42N	074 48W	428
NY	NEWBURGH	KSWF	SWF		41 30N	074 06W	143
NY	NYC/CENTRAL PARK	KNYC	NYC		40 47N	073 58W	48
NY	NYC/JFK ARPT	KJFK	JFK	74486	40 39N	073 47W	4
NY	NYC/LA GUARDIA	KLGA	LGA	72503	40 46N	073 54W	6
NY	NIAGARA FALLS	KIAG	IAG		43 06N	078 57W	180
NY	OGDENSBURG	KOGS	OGS		44 41N	075 28W	63
NY	PENN YAN	KPEO	PEO		42 39N	077 03W	256
NY	PLATTSBURGH	KPLB	PLB		44 41N	073 32W	110
NY	POUGHKEEPSIE	KPOU	POU		41 38N	073 53W	50
NY	ROCHESTER	KROC	ROC	72529	43 07N	077 40W	171
NY	SARANAC LAKE	KSLK	SLK		44 23N	074 12W	506
NY	SCHENECTADY	KSCH	SCH		42 51N	073 56W	115
NY	SHIRLEY	KHWV	HWV		40 49N	072 52W	25
NY	SYRACUSE	KSYR	SYR	72519	43 07N	076 07W	128
NY	UTICA	KUCA	UCA		43 09N	075 23W	226
NY	WATERTOWN	KART	ART		44 00N	076 01W	99
NY	WELLSVILLE	KELZ	ELZ		42 06N	077 59W	647
NY	WESTHAMPTON BEAC	KFOK	FOK		40 51N	072 38W	20
NY	WHITE PLAINS	KHPN	HPN		41 04N	073 43W	134

OHIO

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OH	AKRON/FULTON	KAKR	AKR		41 02N	081 28W	325
OH	AKRON/REGIONAL	KCAK	CAK	72521	40 55N	081 26W	374
OH	ASHTABULA	KHZY	HZY		41 47N	080 42W	281
OH	CINCINNATI	KLUK	LUK		39 06N	084 25W	149
OH	CLEVELAND	KCLE	CLE	72524	41 25N	081 52W	241
OH	CLEVELAND/BURKE	KBKL	BKL		41 31N	081 41W	178
OH	CLEVELAND/CUYAHO	KCGF	CGF		41 34N	081 29W	266
OH	COLUMBUS	KCMH	CMH	72428	40 00N	082 53W	249
OH	COLUMBUS/BOLTON	KTZR	TZR		39 54N	083 08W	290
OH	COLUMBUS/RICKENB	KLCK	LCK		39 49N	082 56W	227
OH	COLUMBUS/ST UNIV	KOSU	OSU		40 05N	083 04W	276
OH	DAYTON	KDAY	DAY	72429	39 54N	084 12W	307
OH	DAYTON/PATTERSON	KFFO	FFO	74570	39 50N	084 03W	252
OH	DAYTON/WRIGHT BR	KMGY	MGY		39 36N	084 14W	289
OH	DEFIANCE	KDFI	DFI		41 20N	084 26W	219
OH	FINDLAY	KFDY	FDY		41 01N	083 40W	244
OH	HAMILTON	KHAO	HAO		39 21N	084 31W	188
OH	LANCASTER	KLHQ	LHQ		39 45N	082 39W	265
OH	LIMA	KAOH	AOH		40 42N	084 01W	296
OH	LORAIN/ELYRIA	KLPR	LPR		41 21N	082 11W	241
OH	MANSFIELD	KMFD	MFD		40 49N	082 31W	395
OH	MARION	KMNN	MNN		40 37N	083 04W	303
OH	NEW PHILADELPHIA	KPHD	PHD		40 28N	081 25W	273
OH	NEWARK	KVTA	VTA		40 01N	082 28W	269
OH	SPRINGFIELD	KSGH	SGH		39 50N	083 50W	321
OH	TOLEDO	KTOL	TOL	72536	41 36N	083 48W	180
OH	TOLEDO/METCALF	KTDZ	TDZ		41 34N	083 29W	190
OH	WILMINGTON	KILN	ILN	72426	39 25N	083 49W	323
OH	WOOSTER	KBJJ	BJJ		40 52N	081 53W	344
OH	YOUNGSTOWN	KYNG	YNG	72525	41 16N	080 40W	365
OH	ZANESVILLE	KZZV	ZZV		39 57N	081 54W	274

OKLAHOMA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OK	ADA	KADH	ADH		34 48N	096 40W	310
OK	ALTUS	KAXS	AXS		34 42N	099 20W	437
OK	ALTUS AFB	KLTS	LTS	72352	34 40N	099 16W	420
OK	ALVA	KAVK	AVK		36 46N	098 40W	449
OK	ARDMORE	KADM	ADM		34 18N	097 01W	232
OK	ARDMORE/EXECUTIV	K1F0	1F0		34 09N	097 07W	257
OK	ATOKA	KAQR	AQR		34 24N	096 09W	180
OK	BARTLESVILLE	KBVO	BVO		36 46N	096 01W	218
OK	CHANDLER	KCQB	CQB		35 43N	096 49W	300
OK	CHICKASHA	KCHK	CHK		35 06N	097 58W	351
OK	CLAREMORE	KGCM	GCM		36 18N	095 29W	221

OK CLINTON	KCLK	CLK		35 32N	098 56W	492
OK CLINTON/SHERMAN	KCSM	CSM		35 20N	099 12W	586
OK CUSHING	KCUH	CUH		35 57N	096 46W	279
OK DUNCAN	KDUC	DUC		34 28N	097 58W	339
OK DURANT	KDUA	DUA		33 57N	096 24W	213
OK EL RENO	KRQO	RQO		35 28N	098 00W	432
OK ENID/VANCE AFB	KEND	END		36 20N	097 55W	398
OK ENID/WOODRING	KWDG	WDG		36 23N	097 48W	354
OK FORT SILL/POST A	KFSI	FSI	72355	34 39N	098 24W	360
OK FREDERICK	KFDR	FDR		34 22N	098 59W	382
OK GAGE	KGAG	GAG		36 18N	099 46W	678
OK GROVE	KGMJ	GMJ		36 36N	094 44W	254
OK GUTHRIE	KGOK	GOK		35 51N	097 24W	327
OK GUYMON	KGUY	GUY		36 41N	101 30W	952
OK HOBART	KHBR	HBR		35 00N	099 03W	477
OK IDABEL	K4O4	4O4		33 55N	094 52W	143
OK LAWTON	KLAW	LAW		34 34N	098 25W	338
OK MCALESTER	KMLC	MLC		34 53N	095 47W	235
OK MIDWEST CITY/TIN	KTIK	TIK	72354	35 25N	097 23W	394
OK MUSKOGEE	KMKO	MKO		35 39N	095 22W	186
OK NORMAN	KOUN	OUN	72357	35 15N	097 28W	357
OK OKLAHOMA CITY	KOKC	OKC	72353	35 24N	097 36W	391
OK OKLAHOMA CITY/WI	KPWA	PWA		35 32N	097 39W	396
OK OKMULGEE	KOKM	OKM		35 40N	095 57W	220
OK PAULS VALLEY	KPVJ	PVJ		34 43N	097 13W	295
OK PONCA CITY	KPNC	PNC		36 44N	097 06W	307
OK POTEAU	KRKR	RKR		35 01N	094 37W	138
OK SALLISAW	KJSV	JSV		35 26N	094 48W	161
OK SEMINOLE	KSRE	SRE		35 16N	096 41W	312
OK SHAWNEE	KSNL	SNL		35 21N	096 57W	327
OK STILLWATER	KSWO	SWO		36 10N	097 05W	300
OK TAHLEQUAH	KTQH	TQH		35 56N	095 00W	266
OK TULSA	KTUL	TUL	72356	36 12N	095 54W	205
OK TULSA/JONES	KRVS	RVS		36 03N	095 59W	200
OK WATONGA	KJWG	JWG		35 52N	098 25W	472
OK WOODWARD	KWWR	WWR	74641	36 26N	099 31W	667

OREGON

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OR	ASTORIA	KAST	AST	72791	46 09N	123 53W	3
OR	AURORA	KUAO	UAO		45 15N	122 46W	55
OR	BAKER CITY	KBKE	BKE		44 51N	117 49W	1025
OR	BROOKINGS/STATE	KBOK	BOK		42 05N	124 17W	140
OR	BURNS	KBNO	BNO	72683	43 36N	118 57W	1271
OR	CASCADE LOCKS	KCZK	CZK		45 40N	121 53W	48
OR	CORVALLIS	KCVO	CVO		44 30N	123 17W	78
OR	EUGENE	KEUG	EUG	72693	44 07N	123 13W	111
OR	HERMISTON	KHRI	HRI		45 50N	119 16W	194
OR	JOHN DAY	K5J0	5J0		44 24N	118 58W	1150
OR	KLAMATH FALLS	KLMT	LMT		42 09N	121 44W	1247

OR LA GRANDE	KLGD	LGD		45	17N	118	00W	827
OR LAKEVIEW	KLKV	LKV		42	10N	120	24W	1441
OR MCMINNVILLE	KMMV	MMV		45	12N	123	08W	50
OR MEACHAM	KMEH	MEH		45	31N	118	25W	1135
OR MEDFORD	KMFR	MFR	72597	42	22N	122	52W	405
OR NEWPORT	KONP	ONP		44	35N	124	03W	37
OR NORTH BEND	KOTH	OTH		43	25N	124	15W	4
OR ONTARIO	KONO	ONO		44	01N	117	01W	668
OR PENDLETON	KPDT	PDT	72688	45	41N	118	51W	455
OR PORTLAND	KPDX	PDX	72698	45	35N	122	36W	7
OR PORTLAND/HILLSBO	KHIO	HIO		45	32N	122	57W	62
OR PORTLAND/TROUTDA	KTTD	TTD		45	33N	122	24W	11
OR REDMOND	KRDM	RDM		44	15N	121	09W	938
OR ROME	KREO	REO		42	35N	117	52W	1234
OR ROSEBURG	KRBG	RBG		43	14N	123	21W	160
OR SALEM	KSLE	SLE	72694	44	55N	123	00W	61
OR SCAPPOOSE	KSPB	SPB		45	46N	122	52W	16
OR SEXTON SUMMIT	KSXT	SXT		42	37N	123	22W	1171
OR THE DALLES	KDLS	DLS		45	37N	121	10W	64
OR TILLAMOOK	KS47	S47		45	25N	123	49W	11

PENNSYLVANIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
PA	ALLENTOWN	KABE	ABE	72517	40 39N	075 26W	118
PA	ALTOONA	KAOO	AOO		40 18N	078 19W	458
PA	ANVLE/MUIR AAF	KMUI	MUI		40 26N	076 34W	149
PA	BEAVER FALLS	KBVI	BVI		40 46N	080 24W	400
PA	BRADFORD	KBFD	BFD		41 48N	078 38W	653
PA	BUTLER	KBTP	BTP		40 47N	079 57W	390
PA	CLEARFIELD	KFIG	FIG		41 03N	078 25W	462
PA	DOYLESTOWN	KDYL	DYL		40 20N	075 07W	120
PA	DU BOIS	KDUJ	DUJ		41 11N	078 54W	554
PA	ERIE	KERI	ERI	72526	42 05N	080 11W	223
PA	FRANKLIN	KFKL	FKL		41 23N	079 52W	469
PA	HARRISBURG/CAPIT	KCXY	CXY		40 13N	076 51W	106
PA	HARRISBURG/INTL	KMDT	MDT		40 12N	076 46W	95
PA	INDIANA	KIDI	IDI		40 38N	079 06W	429
PA	JOHNSTOWN	KJST	JST		40 19N	078 50W	696
PA	LANCASTER	KLNS	LNS		40 08N	076 18W	123
PA	LATROBE	KLBE	LBE		40 17N	079 24W	354
PA	MEADVILLE	KGKJ	GKJ		41 38N	080 13W	428
PA	MOUNT POCONO	KMPO	MPO		41 08N	075 23W	584
PA	NEW CASTLE	KUCP	UCP		41 02N	080 25W	327
PA	PHILADELPHIA	KPHL	PHL	72408	39 53N	075 15W	4
PA	PHILADELPHIA/NE	KPNE	PNE		40 05N	075 01W	37
PA	PHILADELPHIA/WIN	KLOM	LOM		40 08N	075 16W	92
PA	PITTSBURGH	KPIT	PIT	72520	40 30N	080 13W	367
PA	PITTSBURGH/ALLEG	KAGC	AGC		40 21N	079 56W	382
PA	POTTSTOWN	KPTW	PTW		40 14N	075 33W	94
PA	QUAKERTOWN	KUKT	UKT		40 26N	075 23W	160

PA READING	KRDG	RDG		40 23N	075 58W	105
PA SELINGSGROVE	KSEG	SEG		40 49N	076 52W	135
PA STATE COLLEGE	KUNV	UNV		40 51N	077 51W	389
PA WASHINGTON	KAFJ	AFJ		40 08N	080 18W	370
PA WILKES-BARRE/SCR	KAVP	AVP	72513	41 20N	075 44W	291
PA WILLIAMSPORT	KIPT	IPT	72514	41 15N	076 55W	161
PA WILLOW GROVE NAS	KNXX	NXX		40 12N	075 09W	112
PA YORK	KTHV	THV		39 55N	076 53W	144

PUERTO RICO/VIRGIN ISLANDS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
PR	AGUADILLA/BORINQ	TJBQ	BQN	78514	18 30N	067 08W	69
PR	MAYAGUEZ	TJMZ	MAZ		18 16N	067 09W	9
PR	PONCE/MERCEDITA	TJPS	PSE		18 01N	066 34W	9
PR	ROOSEVELT RD NAS	TJNR	NRR	78535	18 15N	065 38W	12
PR	SAN JUAN INTL	TJSJ	SJU	78526	18 26N	066 00W	3
VI	ST CROIX	TISX	STX	78547	17 42N	064 48W	17
VI	ST THOMAS	TIST	STT	78543	18 20N	064 58W	67

RHODE ISLAND

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
RI	BLOCK ISLAND	KBID	BID		41 10N	071 35W	36
RI	NEWPORT	KUUU	UUU		41 32N	071 17W	51
RI	NORTH KINGSTOWN	KOQU	OQU		41 36N	071 25W	7
RI	PAWTUCKET	KSFZ	SFZ		41 55N	071 29W	135
RI	PROVIDENCE	KPVD	PVD	72507	41 44N	071 26W	17
RI	WESTERLY	KWST	WST		41 21N	071 48W	21

SOUTH CAROLINA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
SC	ANDERSON	KAND	AND		34 30N	082 43W	238
SC	BEAUFORT MCAS	KNBC	NBC		32 29N	080 43W	12
SC	CHARLESTON	KCHS	CHS	72208	32 54N	080 02W	14
SC	CLEMSON	KCEU	CEU		34 40N	082 53W	271
SC	COLUMBIA	KCAE	CAE	72310	33 57N	081 07W	64
SC	COLUMBIA/MCENTIR	KMMT	MMT		33 55N	080 48W	77
SC	COLUMBIA/OWENS	KCUB	CUB		33 58N	081 00W	64
SC	DARLINGTON	KUDG	UDG		34 27N	079 53W	59
SC	FLORENCE	KFLO	FLO		34 11N	079 43W	45
SC	GREENVILLE	KGMU	GMU		34 51N	082 21W	320
SC	GREENVILLE/DONAL	KGYH	GYH		34 46N	082 23W	291
SC	GREENWOOD	KGRD	GRD		34 15N	082 09W	192
SC	GREER	KGSP	GSP	72312	34 53N	082 13W	293
SC	HILTON HEAD ISL	KHXD	HXD		32 13N	080 42W	6

SC MYRTLE BEACH	KMYR	MYR	74791	33 41N	078 56W	10
SC NORTH MYRTLE BEA	KCRE	CRE		33 49N	078 43W	10
SC ORANGEBURG	KOGB	OGB		33 28N	080 51W	60
SC ROCK HILL	KUZA	UZA		34 59N	081 03W	203
SC SUMTER/SHAW AFB	KSSC	SSC	74790	33 58N	080 28W	73

SOUTH DAKOTA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
SD	ABERDEEN	KABR	ABR	72659	45 27N	098 25W	397
SD	BROOKINGS	KBKX	BKX		44 18N	096 49W	449
SD	BUFFALO	K2WX	2WX		45 34N	103 31W	881
SD	CHAMBERLAIN	K9V9	9V9	72653	43 48N	099 19W	530
SD	CUSTER	KCUT	CUT		43 44N	103 37W	1623
SD	FAITH	KD07	D07		45 02N	102 01W	787
SD	HURON	KHON	HON	72654	44 23N	098 13W	392
SD	MITCHELL	KMHE	MHE		43 46N	098 02W	397
SD	MOBRIDGE	KMBG	MBG		45 33N	100 25W	510
SD	PHILIP	KPHP	PHP		44 03N	101 36W	673
SD	PIERRE	KPIR	PIR		44 23N	100 17W	531
SD	PINE RIDGE	KIEN	IEN		43 01N	102 31W	1016
SD	RAPID CITY	KRAP	RAP		44 03N	103 04W	970
SD	RAPID CITY/ELLSW	KRCA	RCA		44 09N	103 06W	999
SD	SIOUX FALLS	KFSD	FSD	72651	43 35N	096 44W	435
SD	SISSETON	K8D3	8D3		45 40N	096 59W	354
SD	WATERTOWN	KATY	ATY		44 55N	097 09W	533
SD	WINNER	KSFD	SFD	72656	43 23N	099 51W	622
SD	YANKTON	KYKN	YKN		42 55N	097 23W	397

TENNESSEE

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
TN	BRISTOL/JOHNSON/	KTRI	TRI		36 29N	082 24W	463
TN	CHATTANOOGA	KCHA	CHA	72324	35 02N	085 12W	208
TN	CLARKSVILLE	KCKV	CKV		36 37N	087 25W	167
TN	CROSSVILLE	KCSV	CSV		35 57N	085 05W	573
TN	DYERSBURG	KDYR	DYR		36 01N	089 24W	103
TN	JACKSON	KMKL	MKL		35 36N	088 55W	132
TN	KNOXVILLE	KTYS	TYS	72326	35 49N	083 59W	301
TN	MEMPHIS	KMEM	MEM	72334	35 03N	090 00W	101
TN	MILLINGTON	KNQA	NQA		35 21N	089 52W	98
TN	OAK RIDGE	KOQT	OQT		36 01N	084 14W	277
TN	NASHVILLE	KBNA	BNA	72327	36 07N	086 41W	182
TN	SMYRNA	KMQY	MQY		36 00N	086 30W	166

TEXAS

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
TX	ABILENE	KABI	ABI	72266	32 25N	099 41W	542
TX	ABILENE/DYESS	KDYS	DYS		32 26N	099 51W	546
TX	ALICE	KALI	ALI		27 44N	098 02W	54
TX	ALPINE	KE38	E38		30 23N	103 41W	1376
TX	AMARILLO	KAMA	AMA	72363	35 14N	101 43W	1099
TX	ANGLETON	KLBX	LBX		29 07N	095 28W	8
TX	ARLINGTON	KGKY	GKY		32 40N	097 06W	186
TX	AUSTIN/BERGSTROM	KAUS	AUS	74745	30 12N	097 40W	165
TX	AUSTIN/MABRY	KATT	ATT	72254	30 19N	097 46W	201
TX	BAY CITY	KBYY	BYY		28 58N	095 52W	14
TX	BEAUMONT	KBPT	BPT	72241	29 57N	094 01W	5
TX	BIG SPRING	KBPG	BPG		32 13N	101 31W	784
TX	BORGER	KBGD	BGD		35 42N	101 24W	931
TX	BRADY	KBBB	BBB		31 11N	099 19W	557
TX	BRENNHAM	K11R	11R		30 13N	096 22W	94
TX	BRIDGEPORT	KXBP	XBP		33 10N	097 50W	260
TX	BROWNSVILLE	KBRO	BRO	72250	25 55N	097 25W	7
TX	BROWNWOOD	KBWD	BWD		31 48N	098 57W	422
TX	BURNET	KBMQ	BMQ		30 44N	098 14W	393
TX	CALDWELL	KRWV	RWV		30 31N	096 42W	119
TX	CANADIAN	KHHF	HHF		35 54N	100 24W	730
TX	CHILDRESS	KCDS	CDS		34 26N	100 18W	595
TX	CLARKSVILLE	KLBR	LBR		33 36N	095 04W	134
TX	COLLEGE STATION	KCLL	CLL		30 35N	096 22W	97
TX	CLEBURNE	KCPT	CPT		32 21N	097 26W	260
TX	COMANCHE	KMKN	MKN		31 55N	098 36W	423
TX	CONROE	KCXO	CXO		30 21N	095 25W	75
TX	CORPUS CHRISTI	KCRP	CRP	72251	27 47N	097 31W	13
TX	CORPUS CHRISTI N	KNGP	NGP		27 42N	097 17W	6
TX	CORSICANA	KCRS	CRS		32 02N	096 24W	134
TX	COTULLA	KCOT	COT		28 27N	099 13W	144
TX	CROCKETT	KDKR	DKR		31 18N	095 24W	106
TX	DALHART	KDHT	DHT		36 01N	102 33W	1217
TX	DALLAS/ADDISON	KADS	ADS		32 58N	096 50W	200
TX	DALLAS/FT WORTH	KDFW	DFW	72259	32 54N	097 02W	182
TX	DALLAS/LOVE FLD	KDAL	DAL	72258	32 51N	096 51W	148
TX	DALLAS/REDBIRD	KRBD	RBD		32 41N	096 52W	210
TX	DECATUR	KLUD	LUD		33 15N	097 35W	319
TX	DEL RIO	KDRT	DRT	72261	29 22N	100 55W	310
TX	DEL RIO/LAUGHLIN	KDLF	DLF		29 22N	100 47W	329
TX	DENTON	KDTO	DTO		33 12N	097 12W	196
TX	DRYDEN	K6R6	6R6		30 03N	102 13W	707
TX	DUMAS	KDUX	DUX		35 51N	102 01W	1129
TX	EDINBURG	KEBG	EBG		26 27N	098 08W	24
TX	EL PASO	KELP	ELP	72270	31 48N	106 24W	1206
TX	FALFURRIAS	KBKS	BKS		27 12N	098 07W	34
TX	FORT STOCKTON	KFST	FST		30 55N	102 55W	918
TX	FORT WORTH	KFTW	FTW		32 49N	097 22W	211
TX	FORT WORTH NAS	KNFW	NFW		32 47N	097 26W	198

TX FT WORTH/ALLIANC	KAFW	AFW		32	59N	097	19W	220
TX FT WORTH/SPINKS	KFWS	FWS		32	34N	097	18W	240
TX FREDERICKSBURG	KT82	T82		30	15N	098	55W	517
TX GAINESVILLE	KGLE	GLE		33	39N	097	12W	256
TX GALVESTON	KGLS	GLS	72242	29	16N	094	52W	2
TX GATESVILLE	KGOP	GOP		31	25N	097	48W	276
TX GEORGETOWN	KGTU	GTU		30	41N	097	41W	240
TX GIDDINGS	KGYB	GYB		30	10N	096	59W	148
TX GILMER	KJXI	JXI		32	42N	094	57W	127
TX GRAHAM	KRPH	RPH		33	07N	098	33W	342
TX GRANBURY	KGDJ	GDJ		32	27N	097	49W	237
TX GRAND PRAIRIE	KGPM	GPM		32	42N	097	03W	180
TX GREENVILLE	KGVT	GVT		33	04N	096	04W	166
TX HARLINGEN	KHRL	HRL		26	14N	097	39W	11
TX HEBBRONVILLE	KHBV	HBV		27	21N	098	44W	202
TX HEARNE	KLHB	LHB		30	52N	096	37W	87
TX HILLSBORO	KINJ	INJ		32	05N	097	06W	209
TX HONDO	KHDO	HDO		29	22N	099	10W	283
TX HOUSTON/CLOVER	KLJV	LVJ		29	31N	095	15W	13
TX HOUSTON/DW HOOKS	KDWH	DWH		30	04N	095	33W	44
TX HOUSTON/ELLINGTO	KEFD	EFD		29	37N	095	10W	12
TX HOUSTON/HOBBY	KHOU	HOU		29	39N	095	17W	15
TX HOUSTON/INTCNTL	KIAH	IAH	72243	29	58N	095	21W	33
TX HOUSTON/SUGAR LA	KSGR	SGR		29	37N	095	39W	25
TX HUNTSVILLE	KUTS	UTS		30	45N	095	35W	112
TX JASPER	KJAS	JAS		30	53N	094	02W	68
TX JACKSONVILLE	KJSO	JSO		31	52N	095	13W	206
TX JUNCTION	KJCT	JCT	74740	30	30N	099	46W	522
TX KERRVILLE	KERV	ERV		29	59N	099	05W	493
TX KILLEEN	KILE	ILE		31	05N	097	41W	270
TX KILLEEN/FT HOOD	KHLR	HLR	72257	31	09N	097	43W	281
TX KILLEEN/GRAY AAF	KGRK	GRK		30	43N	097	23W	164
TX KINGSVILLE NAS	KNQI	NQI		27	30N	097	49W	15
TX LA GRANGE	K3T5	3T5		29	55N	096	57W	98
TX LANCASTER	KLNC	LNC		32	35N	096	43W	153
TX LAREDO	KLRD	LRD	72252	27	32N	099	28W	156
TX LLANO	KAQO	AQO		30	47N	098	40W	336
TX LONGVIEW	KGGG	GGG	72247	32	23N	094	43W	111
TX LUBBOCK	KLBB	LBB	72267	33	39N	101	49W	996
TX LUFKIN	KLFK	LFK		31	14N	094	45W	88
TX MARFA	KMRF	MRF	72264	30	22N	104	01W	1478
TX MCALLEN	KMFE	MFE		26	11N	098	14W	33
TX MCKINNEY	KTKI	TKI		33	11N	096	35W	176
TX MESQUITE	KHQZ	HQZ		32	45N	096	32W	136
TX MIDLAND	KMAF	MAF	72265	31	57N	102	11W	874
TX MIDLAND/AIRPARK	KMDD	MDD		32	02N	102	06W	854
TX MIDLOTHIAN/WAXAH	KJWY	JWY		32	27N	096	55W	217
TX MINEOLA/QUITMAN	KJDD	JDD		32	45N	095	30W	132
TX MINERAL WELLS	KMWL	MWL		32	47N	098	04W	294
TX MOUNT PLEASANT	KOSA	OSA		33	06N	094	58W	111
TX NACOGDOCHES	KOCH	OCH		31	35N	094	42W	110
TX NEW BRAUNFELS	KBAZ	BAZ		29	43N	098	03W	195
TX ODESSA	KODO	ODO		31	55N	102	24W	914
TX ORANGE	KORG	ORG		30	04N	093	48W	4

TX PALACIOS	KPSX	PSX		28 43N	096 15W	5
TX PALESTINE	KPSN	PSN	74750	31 47N	095 42W	129
TX PAMPA	KPPA	PPA		35 37N	101 00W	989
TX PARIS	KPRX	PRX		33 38N	095 27W	167
TX PECOS	KPEQ	PEQ		31 23N	103 31W	796
TX PERRYTON	KPYX	PYX		36 25N	100 45W	889
TX PETRO HELI PLAT	K25T	25T		26 56N	094 41W	
TX PINE SPRINGS	KGDP	GDP	72262	31 50N	104 49W	1661
TX PLAINVIEW	KPVW	PVW		34 10N	101 43W	1028
TX PORT ARANSAS	KRAS	RAS		27 49N	097 05W	2
TX PORT ISABEL	KPIL	PIL		26 10N	097 20W	5
TX PORT LAVACA	KPKV	PKV		28 39N	096 41W	9
TX ROBSTOWN	KRBO	RBO		27 47N	097 41W	24
TX ROCKPORT	KRKP	RKP		28 05N	097 03W	7
TX ROCKSPRINGS	KECU	ECU		29 57N	100 10W	723
TX SABINE PASS	KRPE	RPE		29 42N	093 57W	3
TX SAN ANGELO	KSJT	SJT	72263	31 22N	100 30W	584
TX SAN ANTONIO	KSAT	SAT	72253	29 32N	098 28W	246
TX SAN ANTONIO/KELL	KSKF	SKF		29 23N	098 35W	210
TX SAN ANTONIO/RAND	KRND	RND		29 32N	098 17W	232
TX SAN ANTONIO/STIN	KSSF	SSF		29 20N	098 28W	180
TX SAN MARCOS	KHYI	HYI		29 54N	097 52W	182
TX SEMINOLE	KGNC	GNC		32 41N	102 39W	1010
TX SHERMAN/DENISON	KGYI	GYI		33 43N	096 40W	228
TX SNYDER	KSNK	SNK		32 42N	100 57W	741
TX SONORA	KSOA	SOA		30 35N	100 39W	652
TX STEPHENVILLE	KSEP	SEP	72260	32 13N	098 11W	403
TX SULPHUR SPRINGS	KSLR	SLR		33 10N	095 37W	149
TX SWEETWATER	KSWW	SWW		32 28N	100 28W	727
TX TEMPLE	KTPL	TPL		31 09N	097 24W	208
TX TERRELL	KTRL	TRL		32 43N	096 16W	145
TX TYLER	KTYR	TYR		32 21N	095 24W	166
TX UVALDE	KUVA	UVA		29 13N	099 45W	287
TX VERNON	KF05	F05		34 14N	099 17W	386
TX VICTORIA	KVCT	VCT	72255	28 51N	096 55W	32
TX WACO	KACT	ACT	72256	31 37N	097 13W	156
TX WACO/MCGREGOR	KPWG	PWG		31 29N	097 19W	180
TX WESLACO	KT65	T65		26 11N	097 58W	21
TX WHARTON	KARM	ARM		29 15N	096 09W	31
TX WICHITA FALLS	KSPS	SPS	72351	33 59N	098 30W	309
TX WINK	KINK	INK		31 47N	103 12W	859

UTAH

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
UT	BLANDING	K4BL	4BL		37 37N	109 28W	1840
UT	BRYCE CANYON	KBCE	BCE		37 42N	112 09W	2312
UT	CEDAR CITY	KCDC	CDC		37 42N	113 06W	1714
UT	DELTA	KU24	U24		39 20N	112 35W	1414
UT	DUGWAY PROVING G	KDPG	DPG	74003	40 12N	112 56W	1326
UT	GREEN RIVER	KU28	U28		39 00N	110 10W	1241
UT	HANKSVILLE	K4HV	4HV		38 22N	110 43W	1314
UT	LOGAN	KLGU	LGU		41 47N	111 51W	1357
UT	MILFORD	KMLF	MLF	72475	38 25N	113 01W	1535
UT	MOAB	KCNY	CNY		38 45N	109 45W	1396
UT	OGDEN	KOGD	OGD	72575	41 12N	112 01W	1358
UT	OGDEN/HILL AFB	KHIF	HIF		41 07N	111 58W	1459
UT	PRICE	KPUC	PUC	72470	39 37N	110 45W	1799
UT	PROVO	KPVU	PVU		40 13N	111 43W	1369
UT	SAINT GEORGE	KSGU	SGU		37 05N	113 36W	896
UT	SALT LAKE CITY	KSLC	SLC	72572	40 47N	111 58W	1287
UT	VERNAL	KVEL	VEL		40 27N	109 31W	1610
UT	WENDOVER	KENV	ENV	72581	40 44N	114 02W	1291

VIRGINIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
VA	ABINGDON	KVJI	VJI		36 41N	082 02W	631
VA	BLACKSBURG	KBCB	BCB		37 12N	080 25W	650
VA	CHARLOTTESVILLE	KCHO	CHO		38 08N	078 27W	195
VA	CULPEPER	KCJR	CJR		38 32N	077 52W	95
VA	DANVILLE	KDAN	DAN		36 34N	079 20W	177
VA	DUBLIN	KPSK	PSK		37 08N	080 41W	642
VA	EMPORIA	KEMV	EMV		36 41N	077 29W	39
VA	FARMVILLE	KFVX	FVX		37 21N	078 26W	125
VA	FORT BELVOIR	KDAA	DAA		38 43N	077 11W	21
VA	FRANKLIN	KFKN	FKN		36 42N	076 54W	13
VA	FREDERICKSBURG	KEZF	EZF		38 16N	077 27W	26
VA	FT EUSTIS/FELKER	KFAF	FAF		37 08N	076 37W	4
VA	GALAX/HILLSVILLE	KHLX	HLX		36 46N	080 49W	821
VA	HAMPTON/LANGLEY	KLFI	LFI	74598	37 05N	076 22W	6
VA	HOT SPRINGS	KHSP	HSP		37 57N	079 50W	1155
VA	LEESBURG	KJYO	JYO		39 05N	077 34W	119
VA	LOUISA	KLKU	LKU		38 01N	077 58W	151
VA	LYNCHBURG	KLYH	LYH	72410	37 20N	079 12W	285
VA	MANASSAS	KHEF	HEF		38 43N	077 31W	60
VA	MARION	KMKJ	MKJ		36 54N	081 21W	780
VA	MARTINSVILLE	KMTV	MTV		36 38N	080 01W	287
VA	MELFA	KMFV	MFV		37 39N	075 46W	15
VA	NEWPORT NEWS	KPHF	PHF		37 08N	076 30W	12
VA	NORFOLK	KORF	ORF	72308	36 54N	076 12W	8

VA NORFOLK NAS	KNGU	NGU		36 56N	076 17W	5
VA NORFOLK/CHESAPEA	KCPK	CPK		36 40N	076 19W	6
VA ORANGE	KOMH	OMH		38 15N	078 03W	142
VA QUANTICO MCAS	KNYG	NYG		38 30N	077 18W	4
VA PETERSBURG	KPTB	PTB		37 11N	077 31W	80
VA RICHMOND	KRIC	RIC	72401	37 30N	077 20W	51
VA RICHMOND/HANOVER	KOFP	OFP		37 43N	077 26W	63
VA RICHLANDS	K6V3	6V3		37 04N	081 48W	808
VA ROANOKE	KROA	ROA	72411	37 19N	079 58W	358
VA SOUTH HILL	KAVC	AVC		36 41N	078 03W	134
VA STAFFORD	KRMN	RMN		38 24N	077 27W	65
VA STAUNTON	KSHD	SHD		38 16N	078 54W	366
VA SUFFOLK	KSFQ	SFQ		36 41N	076 36W	22
VA VIRGINIA BEACH/O	KNTU	NTU		36 49N	076 02W	7
VA WAKEFIELD	KAKQ	AKQ		36 59N	077 00W	34
VA WALLOPS ISLAND	KWAL	WAL	72402	37 56N	075 28W	12
VA WASHINGTON/DULLE	KIAD	IAD	72403	38 57N	077 27W	95
VA WEST POINT	KFYJ	FYJ		37 31N	076 46W	7
VA WILLIAMSBURG	KJGG	JGG		37 14N	076 43W	15
VA WINCHESTER	KOKV	OKV		39 09N	078 09W	220
VA WISE	KLNP	LNP		36 59N	082 32W	819

VERMONT

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
VT	BENNINGTON	KDDH	DDH	72516	42 53N	073 15W	252
VT	BURLINGTON	KBTB	BTB	72617	44 28N	073 09W	102
VT	MONTPELIER	KMPV	MPV		44 12N	072 34W	353
VT	MORRISVILLE	KMVL	MVL		44 32N	072 37W	223
VT	RUTLAND	KRUT	RUT		43 32N	072 57W	240
VT	SPRINGFIELD	KVSF	VSF		43 21N	072 31W	175
VT	ST JOHNSBURY	K1V4	1V4	72614	44 25N	072 01W	217

WASHINGTON

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
WA	ARLINGTON	KAWO	AWO		48 10N	122 09W	42
WA	BELLINGHAM	KBLI	BLI		48 48N	122 32W	48
WA	BREMERTON	KPWT	PWT		47 30N	122 45W	147
WA	BURLINGTON/MT VE	KBVS	BVS		48 28N	122 25W	44
WA	COLVILLE	KCQV	CQV		48 33N	117 53W	572
WA	DEER PARK	KDEW	DEW		47 58N	117 26W	672
WA	EASTSOUND	KORS	ORS		48 42N	122 55W	9
WA	ELLENSBURG	KELN	ELN		47 02N	120 32W	570
WA	EPHRATA	KEPH	EPH		47 19N	119 31W	388
WA	EVERETT	KPAE	PAE		47 55N	122 17W	184
WA	FORT LEWIS	KGRF	GRF	74207	47 05N	122 35W	92
WA	FRIDAY HARBOR	KFHR	FHR		48 31N	123 01W	34
WA	HANFORD	KHMS	HMS	72784	46 34N	119 36W	221

WA HOQUIAM	KHQM	HQM		46 58N	123 56W	4
WA KELSO	KKLS	KLS		46 07N	122 54W	5
WA MOSES LAKE	KMWH	MWH		47 12N	119 19W	362
WA OAK HARBOR/WHIDB	KNUW	NUW		48 21N	122 39W	14
WA OLYMPIA	KOLM	OLM	72792	46 58N	122 54W	62
WA OMAK	KOMK	OMK		48 28N	119 31W	396
WA PASCO	KPSC	PSC		46 16N	119 07W	123
WA PORT ANGELES	KCLM	CLM		48 07N	123 30W	88
WA PULLMAN	KPUW	PUW		46 45N	117 07W	778
WA QUILLAYUTE	KUIL	UIL	72797	47 57N	124 33W	59
WA RENTON	KRNT	RNT		47 30N	122 13W	9
WA SEATTLE/BOEING	KBFI	BFI		47 32N	122 18W	5
WA SEATTLE/METRO	KSEA	SEA	72793	47 27N	122 18W	130
WA SHELTON	KSHN	SHN		47 14N	123 09W	85
WA SPOKANE/FAIRCHIL	KSKA	SKA		47 37N	117 39W	750
WA SPOKANE/FELTS	KSFF	SFF		47 41N	117 19W	595
WA SPOKANE/INTL	KGEG	GEG	72785	47 38N	117 32W	723
WA STAMPEDE PASS	KSMP	SMP		47 17N	121 20W	1209
WA TACOMA	KTIW	TIW		47 16N	122 35W	89
WA TACOMA/MCCHORD	KTCM	TCM	74206	47 09N	122 29W	98
WA TOLEDO	KTDO	TDO		46 29N	122 48W	113
WA VANCOUVER	KVUO	VUO		45 37N	122 39W	9
WA WALLA WALLA	KALW	ALW		46 06N	118 17W	367
WA WENATCHEE	KEAT	EAT		47 24N	120 12W	380
WA YAKIMA	KYKM	YKM	72781	46 34N	120 32W	330

WISCONSIN

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
WI	ANTIGO	KAIG	AIG		45 09N	089 07W	464
WI	APPLETON	KATW	ATW		44 15N	088 31W	280
WI	ASHLAND	KASX	ASX		46 33N	090 55W	251
WI	BARABOO	KDLL	DLL		43 31N	089 46W	298
WI	BOSCOBEL	KOVS	OVS		43 09N	090 41W	204
WI	BURLINGTON	KBUU	BUU		42 41N	088 18W	237
WI	EAU CLAIRE	KEAU	EAU		44 52N	091 29W	276
WI	CAMP DOUGLAS/VOL	KVOK	VOK		43 56N	090 16W	279
WI	CLINTONVILLE	KCLI	CLI		44 37N	088 44W	251
WI	EAGLE RIVER	KEGV	EGV		45 56N	089 16W	501
WI	FOND DU LAC	KFLD	FLD		43 46N	088 29W	246
WI	GREEN BAY	KGRB	GRB	72645	44 30N	088 07W	212
WI	HAYWARD	KHYR	HYR		46 02N	091 27W	370
WI	JANESVILLE	KJVL	JVL		42 37N	089 02W	246
WI	JUNEAU	KUNU	UNU		43 26N	088 42W	285
WI	KENOSHA	KENW	ENW		42 36N	087 56W	227
WI	LA CROSSE	KLSE	LSE	72643	43 52N	091 15W	203
WI	LADYSMITH	KRCX	RCX		45 30N	091 00W	377
WI	LAND O' LAKES	KLNL	LNL		46 09N	089 13W	519
WI	LONE ROCK	KLNR	LNR		43 13N	090 11W	219
WI	MADISON	KMSN	MSN	72641	43 08N	089 20W	262
WI	MANITOWOC	KMTW	MTW		44 08N	087 41W	198

WI MARSHFIELD	KMFI	MFI		44	38N	090	11W	389
WI MEDFORD	KMDZ	MDZ		45	06N	090	18W	448
WI MENOMONIE	KLUM	LUM		44	54N	091	52W	273
WI MERRILL	KRRL	RRL		45	12N	089	43W	401
WI MILWAUKEE	KMKE	MKE	72640	42	57N	087	54W	214
WI MILWAUKEE/LAWREN	KMWC	MWC		43	07N	088	02W	227
WI MINERAL POINT	KMRJ	MRJ		42	53N	090	14W	357
WI MINOCQUA-WOODRUF	KARV	ARV		45	56N	089	44W	520
WI MONROE	KEFT	EFT		42	37N	089	35W	331
WI MOSINEE	KCWA	CWA		44	47N	089	40W	388
WI NEW RICHMOND	KRNH	RNH		45	09N	092	32W	304
WI OSCEOLA	KOEO	OEO		45	19N	092	41W	275
WI OSHKOSH	KOSH	OSH		43	58N	088	33W	248
WI PHILLIPS	KPBH	PBH		45	42N	090	24W	449
WI PRAIRIE DU CHIEN	KPDC	PDC		43	01N	091	07W	201
WI RACINE	KRAC	RAC		42	46N	087	49W	203
WI RHINELANDER	KRHI	RHI		45	38N	089	28W	490
WI RICE LAKE	KRPD	RPD		45	25N	091	46W	337
WI SHEBOYGAN	KSBM	SBM		43	46N	087	51W	228
WI SIREN	KRZN	RZN		45	49N	092	22W	301
WI SPARTA	KCMY	CMY		43	58N	090	44W	256
WI STEVENS POINT	KSTE	STE		44	33N	089	32W	338
WI STURGEON BAY	KSUE	SUE		44	50N	087	25W	230
WI SUPERIOR	KSUW	SUW		46	41N	092	06W	206
WI TOMAHAWK	KTKV	TKV		45	28N	089	48W	453
WI WATERTOWN	KRYV	RYV		43	10N	088	43W	254
WI WAUKESHA	KUES	UES		43	02N	088	14W	284
WI WAUPACA	KPCZ	PCZ		44	20N	089	01W	251
WI WAUSAU	KAUW	AUW	72646	44	56N	089	38W	367
WI WEST BEND	KETB	ETB		43	25N	088	08W	270
WI WISCONSIN RAPIDS	KISW	ISW		44	22N	089	50W	311

WEST VIRGINIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
WV	BECKLEY	KBKW	BKW	72412	37 47N	081 07W	766
WV	BLUEFIELD	KBLF	BLF		37 18N	081 13W	871
WV	BUCKHANNON	KW22	W22		39 00N	080 16W	498
WV	CHARLESTON	KCRW	CRW	72414	38 22N	081 36W	299
WV	CLARKSBURG	KCKB	CKB		39 18N	080 14W	371
WV	ELKINS	KEKN	EKN	72417	38 53N	079 51W	606
WV	HUNTINGTON	KHTS	HTS	72425	38 22N	082 33W	251
WV	LEWISBURG	KLWB	LWB		37 52N	080 24W	701
WV	MARTINSBURG	KMRB	MRB		39 24N	077 59W	169
WV	MORGANTOWN	KMGW	MGW		39 39N	079 55W	380
WV	PARKERSBURG	KPKB	PKB		39 21N	081 26W	262
WV	PETERSBURG	KW99	W99		39 00N	079 09W	293
WV	PINEVILLE	KI16	I16		37 36N	081 34W	544
WV	POINT PLEASANT	K3I2	3I2		38 55N	082 06W	196
WV	SUTTON	K48I	48I		38 31N	080 39W	387
WV	WHEELING	KHLG	HLG		40 10N	080 39W	364

WYOMING

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
WY	BIG PINEY	KBPI	BPI	72671	42 34N	110 06W	2131
WY	BUFFALO	KBYG	BYG		44 23N	106 43W	1514
WY	CASPER	KCPR	CPR	72569	42 55N	106 28W	1630
WY	CHEYENNE	KCYS	CYS	72564	41 09N	104 48W	1872
WY	CODY	KCOD	COD	72670	44 31N	109 01W	1553
WY	DOUGLAS	KDGW	DGW	72568	42 48N	105 23W	1502
WY	EVANSTON	KEVW	EVW		41 17N	111 02W	2183
WY	GILLETTE	KGCC	GCC	72665	44 21N	105 32W	1330
WY	GREYBULL	KGEY	GEY		44 31N	108 05W	1199
WY	JACKSON	KJAC	JAC		43 36N	110 44W	1964
WY	LANDER	KLND	LND	72576	42 49N	108 44W	1692
WY	LARAMIE	KLAR	LAR		41 19N	105 41W	2218
WY	PINEDALE	KPNA	PNA		42 48N	109 48W	2160
WY	RAWLINS	KRWL	RWL		41 48N	107 12W	2068
WY	RIVERTON	KRIW	RIW	72672	43 04N	108 29W	1688
WY	ROCK SPRINGS	KRKS	RKS		41 36N	109 04W	2058
WY	SHERIDAN	KSHR	SHR	72666	44 46N	106 58W	1226
WY	TORRINGTON	KTOR	TOR		42 04N	104 09W	1278
WY	WORLAND	KWRL	WRL		43 58N	107 57W	1294
WY	YELLOWSTONE LAKE	KP60	P60		44 33N	110 25W	2388

Appendix D

U.S. Upper Air Reporting Stations

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AK	ANCHORAGE INTL	PANC	ANC	70273	61 10N	150 01W	38
AK	ANNETTE ISLAND	PANT	ANN	70398	55 02N	131 34W	36
AK	BARROW	PABR	BRW	70026	71 18N	156 47W	7
AK	BETHEL	PABE	BET	70219	60 47N	161 48W	41
AK	COLD BAY	PACD	CDB	70316	55 12N	162 43W	30
AK	FAIRBANKS	PAFA	FAI	70261	64 49N	147 52W	132
AK	KING SALMON	PAKN	AKN	70326	58 41N	156 39W	17
AK	KODIAK	PADQ	ADQ	70350	57 45N	152 30W	34
AK	KOTZEBUE	PAOT	OTZ	70133	66 52N	162 38W	3
AK	MCGRATH	PAMC	MCG	70231	62 58N	155 37W	103
AK	NOME	PAOM	OME	70200	64 30N	165 26W	11
AK	ST PAUL ISLAND	PASN	SNP	70308	57 09N	170 13W	29
AK	SHEMYA	PASY	SYA	70414	52 43N	174 07E	31
AK	YAKUTAT	PAYA	YAK	70361	59 31N	139 40W	11
AL	BIRMINGHAM/SHELB	KBMX	BMX	72230	33 10N	086 46W	178
AR	N. LITTLE ROCK	KLZK	LZK	72340	34 50N	092 16W	165
AS	PAGO PAGO INTL	NSTU	PPG	91765	14 20S	170 43W	3
AZ	BELLEMONT/WFO	KFGZ	FGZ	72376	35 14N	111 49W	2181
AZ	TUCSON	KTUS	TUS	72274	32 07N	110 56W	802
CA	EDWARDS AFB	KEDW	EDW	72381	34 54N	117 53W	705
CA	LOMPOC/VANDENBER	KVBG	VBG	72393	34 44N	120 35W	121
CA	OAKLAND	KOAK	OAK	72493	37 44N	122 13W	2
CA	SAN DIEGO/MIRAMA	KNKX	NKX	72293	32 55N	117 09W	146
CO	DENVER/STAPLETON	KDNR	DNR	72469	39 45N	104 52W	1625
CO	GRAND JUNCTION	KGJT	GJT	72476	39 07N	108 32W	1480
FL	CAPE CANAVERAL	KXMR	XMR	74794	28 28N	080 33W	3
FL	JACKSONVILLE	KJAX	JAX	72206	30 29N	081 42W	10
FL	KEY WEST	KEYW	EYW	72201	24 33N	081 45W	2
FL	MIAMI/WFO	KMFL	MFL	72202	25 45N	080 23W	3
FL	TALLAHASSEE/WFO	KTAE	TAE	72214	30 27N	084 18W	53
FL	TAMPA BAY/RUSKIN	KTBW	TBW	72210	27 42N	082 24W	12
FL	VALPARAISO	KVPS	VPS	72221	30 29N	086 32W	26
GA	PEACHTREE CITY	KFFC	FFC	72215	33 22N	084 34W	264
GU	AGANA/TIYAN/WFO			91212	13 29N	144 48E	76
HI	HILO	PHTO	ITO	91285	19 43N	155 04W	9
HI	LIHUE	PHLI	LIH	91165	21 59N	159 21W	45
IA	DAVENPORT	KDVN	DVN	74455	41 37N	090 35W	228
ID	BOISE	KBOI	BOI	72681	43 34N	116 13W	871
IL	LINCOLN/88D	KILX	ILX	74560	40 09N	089 20W	211

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
KS	DODGE CITY	KDDC	DDC	72451	37 46N	099 58W	791
KS	TOPEKA	KTOP	TOP	72456	39 04N	095 37W	268
LA	LAKE CHARLES	KLCH	LCH	72240	30 08N	093 13W	4
LA	SHREVEPORT	KSHV	SHV	72248	32 27N	093 50W	78
LA	SLIDELL	KSIL	SIL	72233	30 15N	089 46W	8
MA	CHATHAM	KCHH	CHH	74494	41 40N	069 58W	5
MD	ABERDEEN PRV GND	KQAH	QAH	74002	39 30N	076 10W	5
ME	CARIBOU	KCAR	CAR	72712	46 52N	068 01W	163
ME	GRAY/88D	KGYX	GYX	74389	43 53N	070 15W	125
MI	ALPENA/88D	KAPX	APX	72634	44 54N	084 43W	309
MI	DETROIT/WHITE LA	KDTX	DTX	72632	42 42N	083 28W	360
MN	CHANHASSEN/88D	KMPX	MPX	72649	44 51N	093 34W	288
MN	INTERNATL FALLS	KINL	INL	72747	48 34N	093 23W	360
MO	SPRINGFIELD	KSGF	SGF	72440	37 14N	093 24W	386
MS	JACKSON	KJAN	JAN	72235	32 19N	090 05W	94
MT	GLASGOW	KGGW	GGW	72768	48 12N	106 37W	693
MT	GREAT FALLS/88D	KTFX	TFX	72776	47 28N	111 23W	1130
NC	GREENSBORO	KGSO	GSO	72317	36 05N	079 57W	283
NC	MOREHEAD CITY	KMHX	MHX	72305	34 47N	076 53W	11
ND	BISMARCK	KBIS	BIS	72764	46 46N	100 46W	504
NE	NORTH PLATTE	KLBF	LBF	72562	41 08N	100 41W	847
NE	OMAHA/VALLEY	KOAX	OAX	72558	41 19N	096 22W	350
NM	ALBUQUERQUE	KABQ	ABQ	72365	35 03N	106 36W	1631
NM	SANTA TERESA/88D	KEPZ	EPZ	72364	31 52N	106 42W	1252
NV	DESERT ROCK	KDRA	DRA	72387	36 37N	116 01W	1006
NV	ELKO/WFO	KLKN	LKN	72582	40 51N	115 44W	1593
NV	RENO/WFO	KREV	REV	72489	39 34N	119 48W	1516
NY	ALBANY/WFO	KALY	ALY	72518	42 42N	073 50W	96
NY	BUFFALO	KBUF	BUF	72528	42 57N	078 44W	217
NY	UPTON/BROOKHAVEN	KOKX	OKX	72501	40 52N	072 52W	20
OH	WILMINGTON	KILN	ILN	72426	39 25N	083 49W	323
OK	FORT SILL/POST A	KFSI	FSI	72355	34 39N	098 24W	360
OK	NORMAN	KOUN	OUN	72357	35 15N	097 28W	357
OR	MEDFORD	KMFR	MFR	72597	42 22N	122 52W	405
OR	SALEM	KSLE	SLE	72694	44 55N	123 00W	61
PA	PITTSBURGH	KPIT	PIT	72520	40 30N	080 13W	367
PR	SAN JUAN INTL	TJSJ	SJU	78526	18 26N	066 00W	3
SC	CHARLESTON	KCHS	CHS	72208	32 54N	080 02W	14
SD	ABERDEEN	KABR	ABR	72659	45 27N	098 25W	397
SD	RAPID CITY/WFO	KUNR	UNR	72662	44 04N	103 13W	1027
TN	NASHVILLE	KBNA	BNA	72327	36 07N	086 41W	182
TX	AMARILLO	KAMA	AMA	72363	35 14N	101 43W	1099
TX	BROWNSVILLE	KBRO	BRO	72250	25 55N	097 25W	7
TX	CORPUS CHRISTI	KCRP	CRP	72251	27 47N	097 31W	13

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
TX	DEL RIO	KDRT	DRT	72261	29 22N	100 55W	310
TX	FORT WORTH/WFO	KFWD	FWD	72249	32 48N	097 18W	196
TX	MIDLAND	KMAF	MAF	72265	31 57N	102 11W	874
UT	SALT LAKE CITY	KSLC	SLC	72572	40 47N	111 58W	1287
VA	ROANOKE/WFO	KRNK	RNK	72318	37 12N	080 25W	648
VA	WALLOPS ISLAND	KWAL	WAL	72402	37 56N	075 28W	12
VA	WASHINGTON/DULLE	KIAD	IAD	72403	38 57N	077 27W	95
WA	QUILLAYUTE	KUIL	UIL	72797	47 57N	124 33W	59
WA	SPOKANE/88D	KOTX	OTX	72786	47 41N	117 38W	728
WI	GREEN BAY	KGRB	GRB	72645	44 30N	088 07W	212
WY	RIVERTON	KRIW	RIW	72672	43 04N	108 29W	1688

Appendix E

Canadian Hourly Reporting Stations

ALBERTA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AL	ABEE	CXAF	XAF	71285	54 17N	112 58W	664
AL	ANDREW AGDM	CXAG	XAG	71286	53 55N	112 17W	625
AL	ATMORE AGDM	CXAJ	XAJ	71287	54 46N	112 49W	574
AL	BANFF/MARS	CWZG	WZG		51 12N	115 33W	1397
AL	BARNWELL	CXBW	XBW	71346	49 48N	112 18W	843
AL	BLOOD TRIBE AGDM	CPBT	PBT	71517	49 34N	113 03W	980
AL	BODO AGDM	CXBA	XBA	71214	52 07N	110 06W	687
AL	BOW ISLAND	CPXL	PXL	71519	49 52N	111 23W	799
AL	BOW ISLAND	CWXL	WXL	71231	49 44N	111 27W	806
AL	BOW VALLEY	CWXA	WXA	71232	51 05N	115 04W	1298
AL	BROCKET	CXBR	XBR	71341	49 37N	113 46W	1092
AL	BROOKS	CWBO	WBO	71457	50 33N	111 51W	758
AL	CALGARY	CYYC	YYC	71877	51 07N	114 01W	1084
AL	CALGARY/SPRINGBA	CYBW	YBW	71860	51 06N	114 23W	1200
AL	CAM FOUR	CWRF	WRF	71918	68 26N	089 44W	325
AL	CARDSTON	CWFJ	WFJ	71153	49 12N	113 17W	1136
AL	CHAMPION AGDM	CXCP	XCP	71217	50 17N	113 21W	1006
AL	CLARESHOLM	CWDK	WDK	71234	50 00N	113 38W	34
AL	CLEARDALE AGDM	CXCD	XCD	71221	56 19N	119 45W	630
AL	COLD LAKE	CYOD	YOD	71120	54 25N	110 17W	541
AL	CONSORT AGDM	CXCS	XCS	71223	51 56N	110 43W	772
AL	CORONATION CLI	CWCT	WCT	71318	52 04N	111 27W	791
AL	CROWSNEST PASS	CWRT	WRT	71236	49 38N	114 29W	1303
AL	DAPP	CXDP	XDP	71340	54 19N	113 57W	614
AL	DEADMAN VALLEY	CXDK	XDK	71021	61 15N	124 28W	283
AL	DEL BONITA AGDM	CXDB	XDB	71224	49 03N	112 49W	1310
AL	DRUMHELLER EAST	CWDZ	WDZ	71237	51 26N	112 40W	678
AL	EDMONTON/CITY CE	CXEC	XEC	71157	53 34N	113 31W	671
AL	EDMONTON/CITY CE	CYXD	YXD	71879	53 34N	113 31W	671
AL	EDMONTON/INTL	CYEG	YEG	71123	53 19N	113 35W	723
AL	EDMONTON/INTL CS	CXEG	XEG	71155	53 18N	113 36W	715
AL	EDMONTON/NAMAO	CYED	YED	71121	53 40N	113 28W	688
AL	EDSON	CYET	YET	71881	53 35N	116 28W	921
AL	EDSON	CZZ3	ZZ3	71156	53 35N	116 28W	927
AL	ENCHANT AGDM	CPEH	PEH	71518	50 11N	112 26W	801
AL	ESTHER 1	CWGY	WGY	71240	51 40N	110 12W	708
AL	FAIRVIEW	CXFR	XFR	71347	56 05N	118 26W	655
AL	FINCASTLE AGDM	CPFI	PFI	71535	49 48N	112 02W	833

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AL	FOREMOST AGDM	CXFM	XFM	71225	49 29N	111 29W	881
AL	FORT CHIPEWYAN	CYPY	YPY	71933	58 46N	111 07W	232
AL	FORT MCMURRAY	CXMM	XMM	71585	56 39N	111 13W	369
AL	FORT MCMURRAY	CYMM	YMM	71932	56 39N	111 13W	369
AL	GRAND PRAIRIE	CYQU	YQU	71940	55 11N	118 53W	669
AL	HIGH LEVEL	CYOJ	YOJ	71066	58 37N	117 10W	338
AL	HIGH PRAIRIE AGD	CXHP	XHP	71226	55 24N	116 29W	602
AL	HIGHVALE	CWHA	WHA	71241	53 27N	114 28W	747
AL	HOLDEN AGDM	CXHD	XHD	71227	53 11N	112 15W	688
AL	HUSSAR	CXHR	XHR	71344	51 06N	112 18W	985
AL	IRON SPRINGS	CPIR	PIR	71528	49 54N	112 44W	858
AL	JASPER	CWJW	WJW	71486	52 53N	118 04W	1020
AL	LAC LA BICHE	CWLB	WLB	71316	54 46N	112 01W	567
AL	LEEDALE AGDM	CNLD	NLD	71565	52 33N	114 28W	947
AL	LETHBRIDGE	CYQL	YQL	71874	49 38N	112 48W	929
AL	LINDBERGH AGDM	CNLB	NLB	71567	53 57N	110 35W	630
AL	LLOYDMINISTER	CYLL	YLL	71871	53 19N	110 04W	648
AL	MANNING AGDM	CXMG	XMG	71229	56 58N	117 27W	457
AL	MASINASIN	CXMN	XMN	71345	49 07N	111 39W	947
AL	MEDICINE HAT	CYXH	YXH	71872	50 01N	110 43W	717
AL	MILK RIVER	CWRY	WRY	71244	49 08N	112 03W	1050
AL	MORRIN AGDM	CXMO	XMO	71257	51 40N	112 41W	836
AL	OLDS AGDM	CXOL	XOL	71258	51 46N	115 05W	1046
AL	OLIVER AGDM	CZOL	ZOL	71351	53 39N	113 21W	665
AL	ONEFOUR	CWOE	WOE	71116	49 07N	110 28W	935
AL	OYEN	CXOY	XOY	71342	51 23N	110 21W	767
AL	PEACE RIVER	CYPE	YPE	71068	56 14N	117 26W	571
AL	PEORIA	CXPA	XPA	71348	55 37N	118 18W	621
AL	PINCHER CREEK	CZPC	ZPC	71875	49 31N	114 00W	1190
AL	PRENTISS	CZPS	ZPS	71353	52 26N	113 36W	965
AL	POLLOCKVILLE AGD	CXPL	XPL	71259	51 08N	111 42W	750
AL	PRAIRIE RIVER	CXPV	XPV	71593	58 27N	111 40W	213
AL	RAYMOND AGDM	CPRY	PRY	71536	49 29N	112 41W	937
AL	RED DEER	CYQF	YQF	71878	52 11N	113 54W	905
AL	RICH LAKE	CXRL	XRL	71349	54 30N	111 36W	585
AL	ROSEMARY AGDM	CPRO	PRO	71537	50 50N	112 03W	714
AL	SCHULER AGDM	CXSC	XSC	71269	50 18N	110 05W	800
AL	SEVEN PERSONS AG	CPSV	PSV	71525	49 55N	110 55W	766
AL	SMOKY LAKE AGDM	CXSL	XSL	71274	54 17N	112 30W	680
AL	STRATHMORE AGDM	CPST	PST	71526	51 02N	113 17W	967
AL	ROCKY MT HOUSE	CWRM	WRM		52 26N	114 55W	988
AL	SLAVE LAKE	CYZH	YZH	71069	55 18N	114 47W	583
AL	SPIRIT RIVER	CXSR	XSR	71571	55 41N	119 14W	1015
AL	ST. PAUL AGDM	CXSP	XSP	71275	54 01N	111 16W	649

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AL	STETTLER AGDM	CXAK	XAK	71289	52 21N	112 36W	795
AL	SUFFIELD	CYSD	YSD	71128	50 16N	111 50W	770
AL	SUNDRE	CWAV	WAV	71248	51 46N	114 41W	1114
AL	THREE HILLS	CWHI	WHI	71249	51 42N	113 13W	907
AL	TOMAHAWK AGDM	CNTK	NTK	71566	53 26N	114 43W	814
AL	TWO HILLS AGDM	CXTH	XTH	71276	53 38N	111 41W	678
AL	VALLEYVILLE AGDM	CXVW	XVW	71277	55 06N	117 12W	698
AL	VEGREVILLE	CWVI	WVI	71458	53 31N	112 06W	639
AL	VERMILION AGDM	CXVM	XVM	71278	53 21N	110 53W	623
AL	WATERTON PARK GA	CWGM	WGM	71154	49 08N	113 48W	1296
AL	WHITECOURT	CXZU	XZU	71256	54 09N	115 47W	785
AL	WHITECOURT	CYZU	YZU	71930	54 09N	115 47W	740
AL	WRENTHAM AGDM	CXWM	XWM	71343	49 30N	112 07W	944
AL	YOHO PARK	CWYL	WYL	71786	51 27N	116 20W	1615

BRITISH COLUMBIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
BC	ABBOTSFORD	CYXX	YXX	71108	49 02N	122 22W	58
BC	AGASSIZ	CWZA	WZA	71113	49 15N	121 46W	15
BC	ALTA LAKE	CWAE	WAE	71175	50 08N	122 57W	658
BC	BALLENAL ISLAND	CWGB	WGB	71769	49 21N	124 10W	5
BC	BELLA BELLA	CBBC	BBC	71757	52 11N	128 09W	31
BC	BELLA COOLA	CYBD	YBD	71206	52 23N	126 35W	35
BD	BLACKCOMB MTN BA	CVOC	VOC	71687	50 08N	122 57W	659
BC	BLUE RIVER	CYCP	YCP	71883	52 07N	119 17W	683
BC	BONILLA ISLAND	CWWL	WWL	71484	53 30N	130 38W	17
BC	BURNS LAKE	CWPZ	WPZ		54 14N	125 46W	704
BC	CALLAGHAN VALLEY	CVOD	VOD	71688	50 09N	123 07W	869
BC	CAMPBELL RIVER	CYBL	YBL	71205	49 57N	125 16W	105
BC	CAPE ST JAMES	CWZV	WZV	71107	51 56N	131 01W	92
BC	CATHEDRAL POINT	CWME	WME	71482	52 11N	127 28W	32
BC	CASTLEGAR	CYCG	YCG	71884	49 17N	117 37W	495
BC	CHETWYND	CYCQ	YCQ		55 42N	121 38W	629
BC	CLINTON	CWCL	WCL	71474	51 09N	121 30W	1055
BC	COMOX	CYQQ	YQQ	71893	49 43N	124 54W	23
BC	CRANBROOK	CYXC	YXC	71880	49 36N	115 47W	939
BC	CRESTON	CWJR	WJR	71770	49 05N	116 30W	646
BC	CUMSHEWA ISLAND	CWZL	WZL	71771	53 02N	131 36W	17
BC	DAWSON CREEK	CYDQ	YDQ	71471	55 45N	120 11W	655
BC	DEASE LAKE	CWDL	WDL	71958	58 25N	130 00W	816
BC	DEASE LAKE	CWKX	WKX	71222	58 25N	130 00W	793
BC	ENTRANCE ISLAND	CWEL	WEL	71772	49 13N	123 48W	5

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
BC	ESQUIMALT HARBOR	CWPF	WPF		48 26N	123 26W	3
BC	ESTEVAN POINT	CWEB	WEB	71894	49 23N	126 33W	7
BC	FORT NELSON	CYYE	YYE	71945	58 50N	122 36W	382
BC	FORT ST JOHN	CYXJ	YXJ	71943	56 14N	120 44W	695
BC	GOLDEN	CYGE	YGE	71173	51 18N	116 59W	785
BC	GREY ISLET	CWEK	WEK	71476	54 35N	130 42W	13
BC	HERBERT ISLAND	CWLP	WLP	71485	50 56N	127 38W	17
BC	HOLLAND ROCK	CWHL	WHL	71219	54 10N	130 21W	3
BC	HOPE	CYHE	YHE	71114	49 22N	121 29W	39
BC	KAMLOOPS	CYKA	YKA	71887	50 42N	120 27W	346
BC	KELP REEFS	CWZO	WZO	71036	48 33N	123 14W	17
BC	KELOWNA	CYLW	YLW	71203	49 53N	119 29W	456
BC	LANGARA 2	CWJU	WJU	71903	54 15N	133 03W	41
BC	LILLOOET	CWKF	WKF	71999	50 41N	121 56W	278
BC	LUCY ISLAND	CWLC	WLC	71220	54 18N	130 36W	27
BC	LYTTON	CWLY	WLY	71891	50 14N	121 35W	255
BC	MACKENZIE	CYZY	YZY	71944	55 18N	123 08W	700
BC	MALAHAT	CWKH	WKH	71774	48 35N	123 35W	275
BC	MASSET	CZMT	ZMT		54 01N	132 07W	7
BC	MEADOWS	CWMM	WMM	71775	49 12N	122 41W	5
BC	NANAIMO	CYCD	YCD	71890	49 03N	123 52W	30
BC	NAKUSP	CWNP	WNP	71216	50 16N	117 49W	512
BC	NELSON	CWNM	WNM	71776	49 30N	117 18W	535
BC	OSOYOOS	CWYY	WYY	71215	49 02N	119 26W	283
BC	PEMBERTON	CWGP	WGP	71777	50 18N	121 44W	204
BC	PENTICTON	CYYF	YYF	71889	49 28N	119 36W	344
BC	PORT HARDY	CYZT	YZT	71109	50 41N	127 22W	23
BC	POWELL RIVER	CYPW	YPW	71208	49 50N	124 30W	130
BC	PRINCE GEORGE	CYXS	YXS	71896	53 53N	122 41W	691
BC	PRINCE RUPERT	CYPR	YPR	71898	54 18N	130 28W	34
BC	PRINCETON	CYDC	YDC	71886	49 28N	120 31W	700
BC	PRINCETON	CWPR	WPR	71032	50 36N	120 31W	700
BC	PUNTZI MOUNTAIN	CWPU	WPU	71050	52 07N	124 08W	910
BC	QUENSEL	CYQZ	YQZ	71103	53 02N	122 31W	545
BC	RACE ROCKS	CWQK	WQK	71778	48 18N	123 32W	5
BC	REVELSTROKE	CYRV	YRV	71882	50 58N	118 11W	443
BC	ROSE SPIT	CWRO	WRO	71477	54 10N	131 40W	7
BC	SALMON ARM	CWSL	WSL	71218	50 42N	119 17W	351
BC	SAND HEADS	CWVF	WVF	71209	49 06N	123 18W	15
BC	SANDSPIT	CYZP	YZP	71101	53 15N	131 49W	6
BC	SARTINE ISLAND	CWFG	WFG	71478	50 49N	128 54W	111
BC	SATURNA ISLAND	CWEZ	WEZ	71473	48 47N	123 03W	12
BC	SHERINGHAM POINT	CWSP	WSP	71780	48 23N	123 55W	21
BC	SISTERS ISLAND	CWGT	WGT	71781	49 29N	124 26W	5

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
BC	SMITHERS	CYYD	YYD	71950	54 49N	127 11W	523
BC	SOLANDER ISLAND	CWRU	WRU	71479	50 07N	127 56W	98
BC	SPARWOOD	CWSW	WSW	71174	49 45N	114 53W	1169
BC	SPARWOOD	CWGW	WGW	71782	49 45N	114 53W	1138
BC	SQUAMISH	CWSK	WSK	71207	49 47N	123 10W	60
BC	STEWART	CZST	ZST	71955	55 56N	128 59W	7
BC	SUMMERLAND	CWUS	WUS	71768	49 34N	119 39W	454
BC	TERRACE	CYXT	YXT	71951	54 28N	128 35W	217
BC	TOFINO	CYAZ	YAZ	71106	49 05N	125 46W	20
BC	VANCOUVER	CYVR	YVR	71892	49 11N	123 10W	3
BC	VANCOUVER HARBOR	CWHC	WHC	71201	49 18N	123 07W	2
BC	VERNON	CWJV	WJV	71115	50 14N	119 18W	556
BC	VICTORIA	CYYJ	YYJ	71799	48 39N	123 26W	19
BC	VICTORIA/GONZALE	CWLM	WLM	71200	48 25N	123 19W	70
BC	VICTORIA HARBOUR	CYWH	YWH	71798	48 25N	123 19W	5
BC	VICTORIA HARTLAN	CWVV	WVV	71038	48 32N	123 28W	154
BC	VICTORIA UNV	CWYJ	WYJ	71783	48 27N	123 18W	60
BC	WEST VANCOUVER	CWWA	WWA	71784	49 21N	123 11W	178
BC	WHISTLER MTN HIG	CVOA	VOA	71684	50 05N	122 57W	1628
BC	WHISTLER MTN LOW	CVOB	VOB	71686	50 05N	122 59W	903
BC	WHITE ROCK	CWWK	WWK	71785	49 01N	122 47W	15
BC	WILLIAMS LAKE	CYWL	YWL	71104	52 11N	122 03W	940

MANITOBA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MN	BERENS RIVER	CYBV	YBV	71859	52 21N	097 02W	224
MN	BERENS RIVER	CWCF	WCF	71158	52 21N	097 02W	222
MN	BRANDON	CYBR	YBR	71140	49 55N	099 57W	409
MN	CARMAN	CWNK	WNK	71147	49 30N	098 02W	268
MN	CHURCHILL	CYYQ	YYQ	71913	58 45N	094 04W	30
MN	DAUPHIN	CYDN	YDN	71855	51 06N	100 03W	305
MN	DEERWOOD RCS	CXDW	XDW	71840	49 24N	098 19W	341
MN	FLIN FLON	CYFO	YFO		54 41N	101 41W	304
MN	GEORGE ISLAND	CWWS	WWS	71445	52 48N	097 37W	223
MN	GILLAM	CWGX	WGX		56 22N	094 42W	145
MN	GILLAM	CYGX	YGX	71912	56 21N	094 42W	144
MN	GIMLI HARBOUR CS	CXGH	XGH	71577	50 38N	096 58W	217
MN	GRAND RAPIDS	CWJD	WJD	71858	53 11N	099 16W	223
MN	HUNTERS POINT	CWHH	WHH	71142	53 02N	100 56W	256
MN	ISLAND LAKE	CYIV	YIV	71145	53 51N	094 39W	238
MN	KELSEY DAM	CZKD	ZKD	71572	56 02N	096 31W	183
MN	LYNN LAKE	CYYL	YYL	71078	56 52N	101 05W	357

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
MN	MORDEN CDA	CXMD	XMD	71564	49 11N	098 05W	298
MN	NORWAY HOUSE	CYNE	YNE	71141	53 58N	097 50W	224
MN	PILOT MOUND	CWPO	WPO	71148	49 12N	098 54W	474
MN	PORTAGE SOUTHPOR	CYPG	YPG	71851	49 54N	098 16W	270
MN	SHILO	CWLO	WLO	71853	49 47N	099 38W	373
MN	SWAN RIVER	CWEQ	WEQ	71443	52 07N	101 14W	335
MN	THE PAS	CYQD	YQD	71867	53 58N	101 06W	270
MN	THOMPSON	CYTH	YTH	71079	55 48N	097 52W	222
MN	VICTORIA BEACH	CWII	WII	71552	50 42N	096 34W	220
MN	WINNIPEG	CYWG	YWG	71852	49 54N	097 14W	231
MN	WINNIPEG/FORKS	CXWN	XWN	71579	49 53N	097 08W	230

NEW BRUNSWICK

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NB	BATHURST	CZBF	ZBF	71574	47 38N	065 45W	59
NB	CHARLO	CZCR	ZCR	71315	47 59N	066 20W	42
NB	EDMUNSTON	CERM	ERM	71590	47 25N	068 19W	154
NB	FREDERICTON	CYFC	YFC	71700	45 52N	066 32W	20
NB	FUNDY PARK	CAFY	AFY	71191	45 36N	064 57W	43
NB	GAGETOWN	CYCX	YCX	71701	45 50N	066 26W	51
NB	KOUCHIBOUGAC	CAKC	AKC	71670	46 46N	065 00W	34
NB	MIRAMICHI	CWCQ	WCQ		47 00N	065 27W	34
NB	MONCTON	CYQM	YQM	71705	46 07N	064 41W	71
NB	NORTH POINT	CWNE	WNE	71987	47 05N	064 00W	15
NB	POINT LEPREAU	CWPE	WPE	71699	45 06N	066 30W	1
NB	ST JOHN	CYSJ	YSJ	71609	45 19N	065 53W	93
NB	ST LEONARD	CYSL	YSL	71703	47 09N	067 50W	241
NB	ST LEONARD	CWIY	WIY	71019	47 09N	067 50W	241
NB	ST STEPHEN	CWSS	WSS	71607	45 12N	067 15W	28

NEWFOUNDLAND

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NF	ARGENTIA	CWAR	WAR	71807	47 17N	054 00W	15
NF	CAPE KAKKIVIAK	CWKW	WKW	71176	59 59N	064 10W	551
NF	CAPE KIGLAPAIT	CWYK	WYK	71177	57 08N	061 29W	834
NF	CARTWRIGHT	CWCA	WCA	71818	53 42N	057 02W	14
NF	CHURCHILL FALLS	CZUM	ZUM	71182	53 33N	064 06W	440
NF	DEER LAKE	CYDF	YDF	71809	49 13N	057 24W	22
NF	ENGLEE	CWDA	WDA	71417	50 43N	056 07W	29

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NF	FEROLLE POINT	CWXI	WXI	71406	51 01N	057 06W	8
NF	GANDER	CYQX	YQX	71803	48 57N	054 34W	150
NF	GOOSE BAY	CYYR	YYR	71816	53 19N	060 25W	46
NF	HOPEDALE	CWHO	WHO	71900	55 27N	060 14W	8
NF	LONG POND	CWWU	WWU		47 31N	052 59W	13
NF	MAKKOVIK	CYFT	YFT	71596	55 05N	059 11W	71
NF	MARY'S HARBOUR	CYMH	YMH	71339	52 19N	055 50W	12
NF	NAIN	CYDP	YDP	71902	56 33N	061 41W	7
NF	ROCKY HARBOUR	CXRH	XRH	71588	49 34N	057 53W	68
NF	SAGLEK	CWZZ	WZZ	71335	58 20N	062 35W	501
NF	SAGONA ISLAND	CWZN	WZN	71408	47 22N	055 48W	64
NF	ST ANTHONY	CYAY	YAY	71819	51 23N	056 06W	33
NF	ST JOHNS/KORBAY	CYYT	YYT	71801	47 37N	052 44W	140
NF	ST JOHNS WEST CD	CXSW	XSW	71587	47 30N	052 47W	114
NF	STEPHENVILLE	CYJT	YJT	71815	48 32N	058 33W	26
NF	TERRA NOVA NATL	CXTP	XTP	71589	48 33N	053 58W	107
NF	TUKIALIK BAY	CWTU	WTU	71179	54 43N	058 21W	683
NF	TWILLINGATE	CWDO	WDO	71402	49 41N	054 48W	92
NF	WABUSH LAKE	CYWK	YWK	71825	52 56N	066 52W	548

NUNAVUT

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NN	ALERT	CYLT	YLT		82 31N	062 17W	31
NN	ARCTIC BAY	CXAT	XAT	71592	73 02N	085 08W	10
NN	ARVIAT	CYEK	YEK	71812	61 06N	094 04W	10
NN	ARVIAT CLI	CXAR	XAR	71322	61 06N	094 04W	10
NN	BAKER LAKE	CYBK	YBK	71926	64 18N	096 05W	11
NN	BREVOORT ISLAND	CWOB	WOB	71097	63 20N	064 09W	376
NN	CAMBRIDGE BAY	CYCB	YCB	71925	69 06N	105 08W	27
NN	CAPE DORSET	CYTE	YTE	71910	64 14N	076 32W	50
NN	CAPE DYER	CWFD	WFD	71094	66 35N	061 37W	393
NN	CAPE HOOPER	CWUP	WUP	71093	68 28N	066 48W	390
NN	CAPE MERCY	CWYM	WYM	71975	64 57N	063 35W	583
NN	CAPE PEEL WEST	CWPX	WPX	71064	69 02N	107 49W	165
NN	CHESTERFIELD	CYCS	YCS		63 20N	090 43W	11
NN	CLYDE RIVER	CYCY	YCY	71090	70 29N	068 31W	26
NN	CORAL HARBOUR	CYZS	YZS	71915	64 12N	083 22W	64
NN	DEWAR LAKES	CWUW	WUW	71092	68 39N	071 14W	526
NN	EKATI	CYOA	YOA		64 42N	110 37W	469
NN	ENNADAI	CWJC	WJC	71923	61 08N	100 54W	357
NN	EUREKA	CWEU	WEU	71917	79 59N	085 56W	9
NN	FOX FIVE	CWVD	WVD	71096	67 32N	063 47W	584

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NN	GJOA HAVEN	CYHK	YHK		68 38N	095 53W	46
NN	GRISE FIORD	CWGZ	WGZ		76 25N	082 57W	43
NN	HALL BEACH	CYUX	YUX	71081	68 47N	081 15W	8
NN	HAT ISLAND	CWIL	WIL	71084	68 19N	100 05W	36
NN	IGLOOLIK	CYGT	YGT		69 22N	081 49W	46
NN	IQALUIT	CYFB	YFB	71909	63 45N	068 32W	34
NN	KUGAARUK	CYBB	YBB		68 32N	089 49W	17
NT	KUGLUKTUK	CYCO	YCO	71938	67 49N	115 08W	23
NN	LAKE HARBOUR	CYLC	YLC		62 51N	069 53W	61
NN	LONGSTAFF BLUFF	CWLX	WLX	71091	68 54N	075 09W	162
NN	LUPIN	CWIJ	WIJ	71470	65 46N	111 14W	488
NN	NANISIVIK	CYSR	YSR	71914	72 59N	084 38W	639
NN	PANGNIRTUNG	CYXP	YXP		66 08N	065 42W	23
NN	POND INLET	CYIO	YIO	71095	72 42N	077 58W	55
NN	QIKIQTARJUAQ	CYVM	YVM	71338	67 33N	064 02W	6
NN	RANKIN INLET	CYRT	YRT	71083	62 48N	092 07W	29
NN	REPULSE BAY	CYUT	YUT		66 32N	086 15W	15
NN	RESOLUTE	CXRB	XRБ	71018	74 43N	094 59W	68
NN	RESOLUTE	CYRB	YRB	71924	74 43N	094 59W	67
NN	RESOLUTION ISL	CWRH	WRH	71972	61 35N	064 38W	369
NN	ROWLEY ISLAND	CWRX	WRX	71088	69 05N	079 02W	41
NN	SANIKILUAQ	CYSK	YSK		56 32N	079 15W	33
NN	SHEPHERD BAY	CYUS	YUS	71911	68 49N	093 26W	42
NN	STEFANSSON ISL	CXSE	XSE	71017	73 46N	105 17W	11
NN	TALOYOK	CYYH	YYH	71580	69 33N	093 35W	28
NN	WAGER BAY	CXWB	XWB	71023	65 53N	089 27W	18
NN	WHALE COVE	CYXN	YXN		62 14N	092 36W	20

NOVA SCOTIA

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NS	BEAVER ISLAND	CWBV	WBV	71403	44 49N	062 20W	10
NS	BRIER ISLAND	CWVU	WVU	71988	44 17N	066 21W	16
NS	CARIBOU POINT	CWBK	WBK	71415	45 46N	062 41W	2
NS	CHETICAMP	CXCH	XCH		46 39N	060 57W	44
NS	DEBERT	CZDB	ZDB	71317	45 25N	063 28W	38
NS	HALIFAX INTL	CYHZ	YHZ	71395	44 53N	063 31W	145
NS	HALIFAX/SHEARWAT	CYAW	YAW	71601	44 38N	063 30W	51
NS	INGONISH BEACH	CXIB	XIB	71027	46 40N	060 24W	8
NS	GRAND ETANG	CWZQ	WZQ	71597	46 32N	061 05W	17
NS	GREENWOOD CFB	CYZX	YZX	71397	44 59N	064 55W	28
NS	KEJIMKUJIK	CWKG	WKG	71599	44 26N	065 12W	165
NS	KENTVILLE	CXKT	XKT	71671	45 04N	064 29W	49

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NS	LUNENBURG	CXLB	XLB		44 22N	064 18W	4
NS	MALAY FALLS	CXMY	XMY		44 59N	062 29W	40
NS	MCNABS ISLAND	CXMI	XMI		44 36N	063 31W	17
NS	NAPPAN	CXNP	XNP	71311	45 46N	064 14W	20
NS	NORTH MOUNTAIN	CXNM	XNM		46 49N	060 40W	439
NS	PARRSBORO	CAPR	APR	71493	45 25N	064 21W	31
NS	SABLE ISLAND	CWSA	WSA	71600	43 56N	060 01W	2
NS	ST PAUL ISLAND	CWEF	WEF	71418	47 14N	060 08W	15
NS	ST PETERS	CZSP	ZSP	71310	46 27N	062 35W	30
NS	SYDNEY	CYQY	YQY	71707	46 10N	060 03W	62
NS	WESTERN HEAD	CWWE	WWE	71411	43 59N	064 40W	9
NS	YARMOUTH	CYQI	YQI	71603	43 50N	066 05W	48

NORTHWEST TERRITORIES

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NT	AKLAVIK	CYKD	YKD		68 13N	135 00W	10
NT	CAMSELL RIVER	CWOA	WOA	71060	65 37N	118 07W	230
NT	CAPE PARRY	CZCP	ZCP	71948	70 10N	124 42W	17
NT	COLVILLE LAKE	CWFX	WFX	71055	67 02N	126 05W	259
NT	CROKER RIVER	CWXR	WXR	71059	69 17N	119 13W	69
NT	DELINE	CYWJ	YWJ		65 13N	123 26W	213
NT	DELINE CS	CXDE	XDE	71503	65 13N	123 26W	213
NT	FORT GOOD HOPE	CYGH	YGH		66 16N	128 37W	53
NT	FORT LIARD	CYJF	YJF		60 14N	123 29W	215
NT	FORT MCPHERSON	CZFM	ZFM		67 25N	134 51W	44
NT	FORT NORMAN	CZFN	ZFN		64 55N	125 34W	98
NT	FORT PROVIDENCE	CWID	WID	71087	61 19N	117 36W	161
NT	FORT RESOLUTION	CYFR	YFR		61 11N	113 41W	164
NT	FORT SMITH	CYSM	YSM	71934	60 01N	111 57W	203
NT	FORT SMITH	CZSM	ZSM	71362	60 02N	111 56W	203
NT	FORT SIMPSON	CYFS	YFS	71946	61 45N	121 14W	177
NT	FORT SIMPSON CLI	CZFS	ZFS	71365	61 46N	121 14W	168
NT	HAY RIVER	CYHY	YHY	71935	60 50N	115 47W	166
NT	HAY RIVER CLI	CZHY	ZHY	71361	60 50N	115 47W	164
NT	INDIAN RIVER	CWIE	WIE	71161	64 23N	115 01W	305
NT	INUVIK	CYEV	YEV	71957	68 18N	133 29W	68
NT	INUVIK CLI	CZEQ	ZEQ	71364	68 19N	133 31W	103
NT	LINDBERG LANDING	CXLL	XLL	71682	61 07N	122 51W	183
NT	LIVERPOOL BAY	CWLI	WLI	71960	69 36N	130 54W	102
NT	LOWER CARP LAKE	CXLC	XLC	71680	63 36N	113 52W	373
NT	LUPIN	CYWO	YWO		65 46N	111 15W	494
NT	LUTSEL KE	CYLK	YLK		62 25N	110 41W	182

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
NT	MOULD BAY	CYMD	YMD	71072	76 14N	119 20W	15
NT	NORMAN WELLS	CYVQ	YVQ	71043	65 17N	126 48W	73
NT	PAULATUK	CYPC	YPC		69 21N	124 05W	8
NT	RAE LAKES	CYRA	YRA		64 07N	117 19W	213
NT	RAE POINT	CZRP	ZRP	71983	75 22N	105 43W	12
NT	SACHS HARBOUR	CYSY	YSY		72 00N	125 17W	86
NT	STORM HILLS	CWVH	WVH	71052	68 55N	133 57W	261
NT	TRAIL VALLEY	CXTV	XTV	71683	68 45N	135 30W	85
NT	TUKTOYAKTUK	CYUB	YUB	71954	69 26N	133 01W	5
NT	TUKTUT NOGAIT	CXTN	XTN	71492	69 11N	121 21W	552
NT	ULUKHAKTOK	CYHI	YHI		70 46N	117 48W	36
NT	WRIGLEY	CYWY	YWY		63 12N	123 26W	156
NT	YELLOWKNIFE	CYZF	YZF	71936	62 28N	114 27W	205
NT	YOHIN	CXYH	XYH	71020	61 15N	123 45W	204

ONTARIO

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OT	ALEXANDRIA	CTAL	TAL	71393	45 19N	074 37W	77
OT	ALFRED	CTAE	TAE	71366	45 33N	074 53W	57
OT	BANCROFT	CWRK	WRK	71294	45 04N	077 52W	331
OT	BEAUSOLEIL ISL	CWPB	WPB	71272	44 51N	079 52W	183
OT	BIG TROUT LAKE	CYTL	YTL	71844	53 49N	089 54W	222
OT	BORDEN	CYBN	YBN	71534	44 15N	079 55W	223
OT	BURLINGTON PIERS	CWWB	WWB	71437	43 18N	079 48W	77
OT	CAMERON FALLS	CXCA	XCA	71291	49 09N	088 21W	228
OT	CARIBOU ISLAND	CWCI	WCI	71433	47 20N	085 50W	187
OT	CHAPLEAU	CYLD	YLD	71642	47 49N	083 21W	448
OT	COLLINGWOOD	CWCO	WCO	71270	44 30N	080 13W	180
OT	COVE ISLAND	CWWX	WWX	71439	45 20N	081 44W	181
OT	CYPRUS LAKE	CXCY	XCY	71292	45 14N	081 32W	190
OT	DELHI	CXDI	XDI	71573	42 52N	080 33W	232
OT	DRYDEN	CYHD	YHD	71847	49 50N	092 45W	413
OT	EAR FALLS	CXEA	XEA	71295	50 38N	093 13W	355
OT	EARLTON	CYXR	YXR	71735	47 42N	079 51W	244
OT	EGBERT	CXET	XET	71296	44 14N	079 47W	251
OT	ELLIOT LAKE	CYEL	YEL	71268	46 21N	082 34W	331
OT	ERIEAU	CWAJ	WAJ	71465	42 15N	081 54W	178
OT	GERALDTON	CYGQ	YGQ	71834	49 47N	086 56W	331
OT	GODERICH	CWGD	WGD	71261	43 46N	081 43W	213
OT	GORE BAY	CYZE	YZE	71733	45 53N	082 34W	193
OT	GREAT DUCK ISL	CWNL	WNL	71462	45 38N	082 58W	183
OT	GRENADIER ISL	CWGH	WGH	71281	44 25N	075 51W	82

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OT	HAMILTON	CYHM	YHM	71263	43 10N	079 55W	239
OT	HAMILTON RBG	CXHM	XHM	71297	43 17N	079 54W	102
OT	HARROW	CXHA	XHA	71298	42 02N	082 54W	191
OT	KAPUSKASING	CYYU	YYU	71831	49 25N	082 28W	227
OT	KAPUSKASING CDA	CXKA	XKA	71299	49 24N	082 26W	218
OT	KEMPTVILLE	CXKE	XKE	71300	45 00N	075 38W	99
OT	KENORA	CYQK	YQK	71850	49 47N	094 22W	411
OT	KILLARNEY	CWBE	WBE	71460	45 58N	081 29W	196
OT	KINGSTON	CYGK	YGK	71620	44 13N	076 36W	93
OT	LAGOON CITY	CWGL	WGL	71282	44 32N	079 13W	221
OT	LONDON	CYXU	YXU	71623	43 02N	081 09W	278
OT	LONG POINT	CWPS	WPS	71464	42 34N	080 03W	175
OT	MOOSONEE	CYMO	YMO	71836	51 16N	080 40W	10
OT	MUSKOKA	CYQA	YQA	71630	44 58N	079 18W	282
OT	NORTH BAY	CYYB	YYB	71731	46 21N	079 26W	370
OT	OTTAWA	CYOW	YOW	71628	45 19N	075 40W	114
OT	PETAWAWA	CYWA	YWA	71625	45 57N	077 19W	130
OT	PETERBOROUGH	CYPQ	YPQ	71629	44 13N	078 21W	190
OT	PICKLE LAKE	CYPL	YPL	71845	51 27N	090 12W	389
OT	POINT PETRE	CWQP	WQP	71430	43 50N	077 09W	78
OT	PORT WELLER	CWWZ	WWZ	71432	43 15N	079 13W	79
OT	PUKASKWA	CWCJ	WCJ	71750	48 36N	086 18W	208
OT	RED LAKE	CYRL	YRL	71854	51 04N	093 48W	380
OT	SARNIA	CYZR	YZR	71704	43 00N	082 19W	181
OT	SAULT ST MARIE	CYAM	YAM	71260	46 29N	084 31W	188
OT	SIOUX LOOKOUT	CYXL	YXL	71842	50 07N	091 54W	383
OT	SOUTHEAST SHOAL	CWNB	WNB	71466	41 50N	082 28W	195
OT	ST CATHERINES	CYSN	YSN	71262	43 12N	079 10W	98
OT	SUDBURY	CYSB	YSB	71730	46 37N	080 48W	341
OT	TERRACE BAY	CYTJ	YTJ	71559	48 49N	087 06W	290
OT	THUNDER BAY	CYQT	YQT	71749	48 22N	089 19W	199
OT	THUNDER BAY CS	CZTB	ZTB	71667	48 22N	089 20W	199
OT	TIMMINS	CYTS	YTS	71739	48 34N	081 22W	295
OT	TORONTO	CYYZ	YYZ	71624	43 40N	079 36W	173
OT	TORONTO/BUTTONVI	CYKZ	YKZ	71639	43 51N	079 22W	198
OT	TORONTO CITY	CXTO	XTO	71508	43 40N	079 24W	113
OT	TORONTO CITY CTR	CYTZ	YTZ	71265	43 38N	079 24W	77
OT	TRENTON	CYTR	YTR	71621	44 07N	077 32W	86
OT	UPSALA	CWDV	WDV	71435	49 02N	090 28W	489
OT	VINELAND RCS	CXVN	XVN	71171	43 11N	079 24W	79
OT	WATERLOO	CYKF	YKF	71368	43 27N	080 23W	317
OT	WAWA	CYXZ	YXZ	71738	47 58N	084 47W	287
OT	WIARTON	CYVV	YVV	71633	44 45N	081 06W	222

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
OT	WINCHESTER	CTWN	TWN	71367	45 03N	075 20W	75
OT	WINDSOR	CYQG	YQG	71538	42 16N	082 58W	190

PRINCE EDWARD ISLAND

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
PE	CHARLOTTETOWN	CYYG	YYG	71706	46 17N	063 08W	55
PE	CONFEDERATION BR	CXBP	XBP		46 14N	063 44W	54
PE	EAST POINT	CWEP	WEP	71412	46 28N	061 59W	8
PE	HARRINGTON CDA	CARH	ARH	71350	46 21N	063 10W	53
PE	SUMMERSIDE	CWSD	WSD	71702	46 27N	063 50W	12

QUEBEC

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
QU	AKULIVIK	CYKO	YKO		60 48N	078 12W	9
QU	AMQUI	CWZS	WZS	71386	48 28N	067 26W	166
QU	APALUK	CYLA	YLA		59 18N	069 36W	35
QU	BEAUHARNOIS	CMBR	MBR		45 19N	073 55W	22
QU	BEAUPORT	CXBO	XBO	71578	46 50N	071 12W	10
QU	BAGOTVILLE	CYBG	YBG	71727	48 20N	071 00W	159
QU	BAIE COMEAU	CYBC	YBC	71187	49 08N	068 12W	53
QU	BARRAGE ANGLIERS	CWRC	WRC	71820	47 33N	079 14W	267
QU	BARRAGE TEMISCAM	CWBA	WBA	71732	46 43N	079 06W	180
QU	BEAUCEVILLE	CWHV	WHV	71323	46 12N	070 47W	229
QU	BLANC SABLON	CYBX	YBX	71808	51 26N	057 13W	19
QU	BONNARD	CWKD	WKD	71383	50 44N	071 01W	497
QU	CAP CHAT	CWSG	WSG	71428	49 07N	066 39W	5
QU	CAP D'ESPOIR	CWRZ	WRZ	71429	48 25N	064 19W	16
QU	CAP TOURMENTE	CWTN	WTN	71384	47 04N	070 48W	6
QU	CHAMOUCOUANE	CWEE	WEE	71523	49 17N	073 21W	305
QU	CHARLEVOIX	CWIS	WIS	71319	47 17N	070 38W	719
QU	CHATHAM-BROWNSBU	CMBB	MBB		45 37N	074 25W	75
QU	CHEVERY	CWDM	WDM	71814	50 28N	059 38W	6
QU	CHIBOUGAMAU	CYMT	YMT	71822	49 46N	074 32W	388
QU	CHUTE DES PASSES	CWDT	WDT	71522	49 54N	071 15W	399
QU	COVEY HILL	CMCW	MCW		45 01N	073 52W	55
QU	DESCHAMBAULTS	CWHQ	WHQ	71389	46 41N	071 57W	55
QU	EASTMAIN	CZEM	ZEM		52 14N	078 31W	6
QU	FORT MONTMORENCY	CMFM	MFM	71212	47 19N	071 09W	672
QU	FRELIGHSBURG	CWFQ	WFQ	71373	45 01N	072 48W	153

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
QU	GASPE	CYGP	YGP	71188	48 46N	064 29W	33
QU	GATINEAU	CYND	YND	71420	45 31N	075 34W	64
QU	GRANBY	CMGB	MGB		45 22N	072 46W	86
QU	HARRINGTON	CHMN	HMN		45 48N	074 39W	169
QU	HAVRE ST PIERRE	CYGV	YGV	71313	50 17N	063 37W	33
QU	HEATH POINT	CWHP	WHP	71423	49 05N	061 42W	4
QU	HIGH FALLS	CXHF	XHF	71391	45 50N	075 39W	190
QU	HOWICK	CMHW	MHW		45 10N	073 52W	42
QU	ICE AUX PERROQUE	CWQR	WQR	71375	50 13N	064 13W	9
QU	ILE AUX GRUES	CWIG	WIG		47 04N	070 32W	18
QU	ILE BICQUETTE	CWQO	WQO	71385	48 25N	068 54W	0
QU	ILE CHARRON	CWVZ	WVZ		45 35N	073 30W	12
QU	ILE D'ORLEANS	CWER	WER	71424	47 00N	070 49W	5
QU	ILE ROUGE	CWAF	WAF	71426	48 04N	069 33W	6
QU	ILES DE LA MADEL	CWGR	WGR	71710	47 25N	061 48W	10
QU	ILES DE LA MADEL	CYGR	YGR	71709	47 25N	061 47W	11
QU	INUKJUAQ	CYPH	YPH	71907	58 27N	078 07W	24
QU	IVUGIVIK	CYIK	YIK		62 25N	077 56W	42
QU	JONQUIERE	CWJO	WJO	71617	48 24N	071 12W	133
QU	KANGIKSUALUJJUAQ	CYLU	YLU		58 43N	065 59W	60
QU	KANGIQSUJJUAQ	CYKG	YKG		61 35N	071 56W	151
QU	KANGIRSUK	CYAS	YAS		60 01N	070 00W	117
QU	KUUJJUAQ	CYVP	YVP	71906	58 06N	068 25W	37
QU	L'ACADIE	CWIZ	WIZ	71372	45 18N	073 21W	45
QU	L'ASSOMPTION	CWEW	WEW	71524	45 49N	073 26W	21
QU	LA BAIE	CWUX	WUX	71388	48 18N	070 56W	136
QU	LA GRANDE III	CYAD	YAD		53 34N	076 12W	237
QU	LA GRANDE IV	CYAH	YAH	71823	53 45N	073 40W	307
QU	LA GRANDE RIVIER	CYGL	YGL	71827	53 38N	077 42W	191
QU	LA MALBAIE	CYML	YML		47 36N	070 14W	298
QU	LA POCATIERE	CWST	WST	71713	47 21N	070 02W	31
QU	LAC TUQUE	CWDQ	WDQ	71378	47 25N	072 48W	169
QU	LAC MEMPHREMAGOG	CWTT	WTT		45 16N	072 10W	209
QU	LAC ST PIERRE	CWBS	WBS	71198	46 11N	072 55W	16
QU	LAUZON	CWLU	WLU		46 50N	071 10W	20
QU	LENNOXVILLE	CWQH	WQH	71611	45 22N	071 49W	181
QU	LOCHABER	CMHB	MHB		45 38N	075 13W	105
QU	LONGUE POINT DE	CWBT	WBT	71512	50 16N	064 14W	11
QU	MANIWAKI	CWMJ	WMJ	71721	46 17N	076 00W	200
QU	MATAGAMI	CYNM	YNM	71821	49 46N	077 49W	277
QU	MCTAVISH	CWTA	WTA	71612	45 30N	073 35W	63
QU	MISTOOK	CWIX	WIX	71381	48 36N	071 43W	113
QU	MONT JOLI	CYYY	YYY	71718	48 36N	068 13W	52
QU	MONT-ORFORD	CWHY	WHY	71618	45 19N	072 15W	851

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
QU	MONTREAL/TRUDEAU	CYUL	YUL	71627	45 28N	073 45W	36
QU	MONTREAL-EST	CWPQ	WPQ	71675	45 38N	070 33W	50
QU	MONTREAL/MIRABEL	CYMX	YMX	71626	45 41N	074 02W	82
QU	MONTREAL/ST HUBE	CYHU	YHU	71371	45 31N	073 25W	27
QU	NATASHQUAN	CYNA	YNA	71813	50 11N	061 48W	11
QU	NEMISKAU	CYHH	YHH		51 42N	076 07W	244
QU	NEW CARLISLE	CWOC	WOC	71619	48 01N	065 20W	47
QU	NICOLET	CWNQ	WNQ	71723	46 13N	072 39W	8
QU	NORMANDIN	CWOD	WOD	71379	48 50N	072 33W	137
QU	ONATCHIWAY	CWXC	WXC	71387	48 53N	071 02W	304
QU	PARENT	CWPK	WPK	71726	47 55N	074 37W	442
QU	POINTE DES MONTS	CWTG	WTG	71427	49 19N	067 23W	5
QU	POINTE CLAVEAU	CWQV	WQV	71189	48 16N	070 07W	4
QU	POINTE NOIRES CS	CWIP	WIP	71390	50 10N	066 26W	25
QU	PORT MENIER	CWBY	WBY	71810	49 50N	064 18W	53
QU	POST BALEINE	CYGW	YGW	71905	55 17N	077 46W	18
QU	PUVIRNITUQ	CYPX	YPX		60 03N	077 17W	23
QU	QUAQTAQ	CYHA	YHA	71904	61 03N	069 38W	30
QU	QUEBEC/LESAGE	CYQB	YQB	71714	46 48N	071 23W	72
QU	RAWDON	CMWD	MWD		46 01N	073 49W	210
QU	RIGAUD 2	CMRI	MRI	71305	45 29N	074 18W	30
QU	ROBERVAL	CYRJ	YRJ	71728	48 31N	072 16W	179
QU	ROUQUEMONT	CMRG	MRG		45 25N	073 03W	54
QU	ROUYN	CYUY	YUY	71740	48 12N	078 50W	301
QU	RUISSEAU CRANBER	CMRY	MRY		45 07N	073 41W	59
QU	RUSSELTOWN	CMRU	MRU		45 03N	073 48W	65
QU	SALLUIT	CYZG	YZG		62 11N	075 40W	226
QU	SCHEFFERVILLE	CYKL	YKL	71828	54 48N	066 49W	522
QU	SEPT-ILES	CXZV	XZV	71279	50 13N	066 15W	52
QU	SEPT-ILES	CYZV	YZV	71811	50 13N	066 16W	55
QU	SHERBROOKE	CYSC	YSC	71610	45 24N	071 53W	239
QU	ST ANICET	CWBZ	WBZ	71712	45 07N	074 17W	49
QU	ST CELESTIN	CMSC	MSC		46 12N	072 27W	55
QU	ST CHRYSOSTONE	CMYT	MYT		45 08N	073 46W	55
QU	ST CLOTHILDE	CWIT	WIT	71614	45 10N	073 41W	52
QU	ST DENIS DE KAMO	CMSD	MSD		47 31N	069 53W	14
QU	ST GEDEON	CWIU	WIU		48 29N	071 47W	103
QU	ST HENRI	CWIA	WIA		48 39N	071 51W	103
QU	ST JOVITE	CWJT	WJT	71376	46 04N	074 32W	239
QU	ST LOUIS	CMLI	MLI		45 52N	073 00W	31
QU	ST MICHEL DE NAP	CMSX	MSX		45 11N	073 37W	59
QU	ST POLYCARPE	CMPL	MPL	71306	45 18N	074 18W	56
QU	ST ROCK DES ANUL	CMSR	MSR		47 17N	070 10W	48
QU	ST SABINE	CMSB	MSB		45 13N	073 01W	49

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
QU	STE ANNE DE BELL	CWVQ	WVQ	71377	45 26N	073 56W	39
QU	STE FOY UNV CS	CWJB	WJB	71392	46 47N	071 17W	91
QU	SHAWINIGAN	CXSH	XSH	71370	46 35N	072 35W	110
QU	TASIUJAJ	CYTQ	YTQ		58 40N	069 57W	31
QU	TROIS RIVIERS	CWTY	WTY	71724	46 21N	072 31W	6
QU	UMIUJAJ	CYMU	YMU		56 32N	076 31W	71
QU	VALCARTIER	CYOY	YOY	71716	46 54N	071 30W	168
QU	VAL D'OR	CYVO	YVO	71725	48 04N	077 47W	337
QU	VARENNES	CWHM	WHM	71184	45 43N	073 23W	19
QU	VILLEROY/RADAR	CWVY	WVY	71616	46 26N	071 56W	108
QU	WASKAGANISH	CYKQ	YKQ		51 29N	078 45W	23
QU	WEMINDJI	CYNC	YNC		53 01N	078 50W	14

SASKATCHEWAN

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
SA	ASSINIBOIA	CWJI	WJI	71487	49 44N	105 56W	726
SA	BRATTS LAKE	CXBK	XBK	71569	50 12N	104 42W	580
SA	BROADVIEW/RADAR	CWIK	WIK	71861	50 23N	102 41W	4599
SA	BUFFALO NARROWS	CYVT	YVT		55 50N	108 26W	440
SA	CORONACH SPC	CWAQ	WAQ	71516	49 03N	105 29W	756
SA	CYPRESS HILLS PA	CWVP	WVP	71139	49 39N	109 31W	1271
SA	EAST END CYPRUS	CWEH	WEH	71131	49 26N	108 59W	1079
SA	ESTEVAN	CYEN	YEN	71862	49 13N	102 58W	581
SA	KEY LAKE	CYKJ	YKJ	71488	57 15N	105 37W	511
SA	JIMMY LAKE/RADAR	CWHN	WHN	71127	54 55N	109 57W	658
SA	KINDERSLEY	CYKY	YKY	71129	51 31N	109 11W	683
SA	LA RONGE	CXOX	XOX	71586	55 09N	105 16W	378
SA	LA RONGE	CYVC	YVC	71922	55 09N	105 16W	375
SA	LEADER ARPT	CWJX	WJX	71459	50 54N	109 30W	672
SA	LUCKY LAKE	CWLE	WLE	71455	50 57N	107 09W	665
SA	MAPLE CREEK	CWMQ	WMQ	71453	49 54N	109 29W	767
SA	MEADOW LAKE	CYLJ	YLJ	71125	54 08N	108 31W	480
SA	MELFORT	CWFF	WFF	71456	52 49N	104 36W	490
SA	MOOSE JAW	CYMJ	YMJ	71864	50 20N	105 33W	577
SA	MOOSE JAW	CZMJ	ZMJ	71539	50 20N	105 34W	577
SA	NIPAWIN	CWBU	WBU	71312	53 20N	104 00W	372
SA	NIPAWIN	CYBU	YBU	71130	53 20N	104 00W	374
SA	N BATTLEFORD	CYQW	YQW	71876	52 46N	108 15W	548
SA	PEKISKO	CNPK	NPK	71669	50 22N	114 25W	1341
SA	PRINCE ALBERT	CYPA	YPA	71869	53 13N	105 41W	428
SA	REGINA	CYQR	YQR	71863	50 26N	104 40W	577
SA	REGINA UNV	CWDJ	WDJ	71514	50 24N	104 35W	573

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
SA	ROCKGLEN	CWKO	WKO	71135	49 10N	105 59W	915
SA	ROSETOWN EAST	CWRJ	WRJ	71510	51 36N	107 54W	586
SA	SASKATOON	CYXE	YXE	71866	52 10N	106 41W	500
SA	SOUTHEND	CWJH	WJH	71451	56 20N	103 17W	344
SA	SPIRITWOOD WEST	CWSR	WSR	71133	53 22N	107 33W	584
SA	STONY RAPIDS	CYSF	YSF	71132	59 15N	105 50W	250
SA	SWIFT CURRENT	CYYN	YYN	71870	50 17N	107 41W	817
SA	URANIUM CITY	CWDC	WDC	71076	59 34N	108 29W	318
SA	VAL MARIE SE	CWVN	WVN	71137	49 06N	107 36W	785
SA	WATROUS EAST	CWIW	WIW	71511	51 40N	105 24W	526
SA	WEYBURN	CWWF	WWF	71452	49 42N	103 48W	589
SA	WYNYARD	CWOY	WOY	71865	51 46N	104 12W	560
SA	YORKTON	CYQV	YQV	71138	51 16N	102 28W	498

YUKON TERRITORY

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
YT	BEAVER CREEK	CYXQ	YXQ		62 23N	140 53W	663
YT	BURWASH	CYDB	YDB		61 22N	139 02W	807
YT	DAWSON	CYDA	YDA	71966	64 03N	139 08W	369
YT	CARMACKS	CXCK	XCK	71039	62 07N	136 11W	540
YT	FARO	CZFA	ZFA		62 12N	133 22W	717
YT	HAINES JUNCTION	CWHT	WHT	71505	60 46N	137 35W	599
YT	KOMAKUK BEACH	CWKM	WKM	71046	69 37N	140 12W	13
YT	MAYO	CYMA	YMA	71965	63 37N	135 52W	504
YT	OLD CROW	CYOC	YOC		67 34N	139 50W	253
YT	SHINGLE POINT	CYUA	YUA	71968	68 57N	137 13W	38
YT	TESLIN	CYZW	YZW		60 10N	132 45W	705
YT	WATSON LAKE	CYQH	YQH	71953	60 07N	128 49W	690
YT	WHITEHORSE	CYXY	YXY	71964	60 43N	135 04W	703

Appendix F

Canadian Upper Air Reporting Stations

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV(m)
AL	EDMONTON/STONY	CWSE	WSE	71119	53 32N	114 06W	766
AL	PRIMROSE LAKE	CWIQ	WIQ	71124	54 45N	110 03W	702
BC	FORT NELSON	CYYE	YYE	71945	58 530N	122 29W	456
BC	KELOWNA	CYLW	YLW	71203	49 58N	119 23W	430
BC	PORT HARDY	CYZT	YZT	71109	50 41N	127 22W	23
BC	PRINCE GEORGE	CZXS	ZXS	71908	53 54N	122 48W	601
MN	CHURCHILL	CYYQ	YYQ	71913	58 45N	094 04W	30
MN	SHILO	CWLO	WLO	71853	49 47N	099 38W	373
MN	THE PAS	CYQD	YQD	71867	53 58N	101 06W	270
MN	WINNIPEG	CXWI	XWI	71843	49 53N	097 08W	251
NB	GAGETOWN	CYCX	YCX	71701	45 50N	066 26W	51
NF	GOOSE BAY	CYYR	YYR	71816	53 19N	060 25W	46
NF	ST JOHNS/KORBAY	CYYT	YYT	71801	47 37N	052 44W	141
NF	STEPHENVILLE	CYJT	YJT	71815	48 32N	058 33W	26
NN	ALERT/ELLESMERE	CWLT	WLT	71082	82 30N	062 20W	67
NN	BAKER LAKE	CYBK	YBK	71926	64 18N	096 05W	11
NN	CAMBRIDGE BAY	CYCB	YCB	71925	69 06N	105 07W	27
NN	CORAL HARBOUR	CYZS	YZS	71915	64 12N	083 22W	64
NN	EUREKA	CWEU	WEU	71917	79 59N	085 56W	10
NN	HALL BEACH	CYUX	YUX	71081	68 47N	081 15W	8
NN	IQALUIT	CYFB	YFB	71909	63 45N	068 32W	34
NN	RESOLUTE	CYRB	YRB	71924	74 43N	094 59W	67
NS	SABLE ISLAND	CWSA	WSA	71600	43 56N	060 01W	2
NS	YARMOUTH	CYQI	YQI	71603	43 50N	066 05W	48
NT	FORT SMITH	CYSM	YSM	71934	60 01N	111 57W	203
NT	INUVIK	CYEV	YEV	71957	68 18N	133 29W	68
NT	NORMAN WELLS	CYVQ	YVQ	71043	65 17N	126 48W	73
OT	MOOSONEE	CYMO	YMO	71836	51 16N	080 40W	10
OT	PETAWAWA	CYWA	YWA	71625	45 57N	077 19W	130
OT	PICKLE LAKE	CYPL	YPL	71845	51 27N	090 12W	389
QU	INOUCDJOUAC	CYPH	YPH	71907	58 27N	078 07W	5
QU	KUUJJUAQ	CYVP	YVP	71906	58 06N	068 25W	37
QU	LA GRANDE IV	CYAH	YAH	71823	53 45N	073 40W	307
QU	MANIWAKI	CWMW	WMW	71722	46 18N	076 00W	192
QU	SEPT-ILES	CYZV	YZV	71811	50 13N	066 16W	55
QU	VALCARTIER	CYOY	YOY	71716	46 54N	071 30W	168
YT	WHITEHORSE	CYXY	YXY	71964	60 43N	135 04W	703

Appendix G

International Metar Cities

The following is a listing of selected international hourly reporting stations.

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
AN	ANTIGUA	TAPA	ANU	78862	17 07N	061 47W	10
AN	ARUBA	TNCA	AUA	78982	12 30N	070 01W	18
AR	BUENOS AIRES	SAEZ	EZE	87576	34 49S	058 32W	20
AU	MELBOURNE	YMMML	MEL	94866	37 41S	144 51E	141
AU	PERTH	YPPH	PER	94610	31 56S	115 58E	20
AU	SYDNEY	YSSY	SYD	94767	33 56S	151 10E	5
BB	BARBADOS	TBPB	BGI	78954	13 04N	059 29W	50
BE	BRUSSELS	EBBR	BRU	06451	50 54N	004 32E	39
BG	SOFIA	LBSF	SOF	15614	42 42N	023 24E	531
BO	LA PAZ	SLLP	LPB	85201	16 30S	068 11W	4050
BR	BRASILIA	SBBR	BSB	83378	15 52S	047 56W	1061
BR	RECIFE	SBRF	REC	82899	08 08S	034 55W	11
BR	RIO DE JANEIRO	SBGL	GIG	83746	22 49S	043 15W	6
BR	SAO PAULO	SBSP	CGH	83780	23 37S	046 39W	802
BS	NASSAU	MYNN	NAS	78073	25 03N	077 28W	3
BY	MINSK	UMMS	MSQ	26850	53 53N	028 02E	204
CH	GENEVA	LSGG	GVA	06700	46 15N	006 08E	416
CI	ABIDJAN	DIAP	ABJ	65578	05 15N	003 56W	11
CL	SANTIAGO	SCEL	SCL	85574	33 23S	070 47W	480
CN	BEIJING	ZBAA	PEK		40 05N	116 35E	35
CN	SHANGHAI	ZSSS	SHA	58362	31 10N	121 26E	2
CO	BOGOTA	SKBO	BOG	80222	04 42N	074 09W	2546
CU	HAVANA	MUHA	HAV	78224	22 59N	082 24W	59
CZ	PRAGUE	LKPR	PRG	11518	50 06N	014 17E	369
DE	BERLIN	EDDI	THF	10384	52 28N	013 24E	49
DE	MUNICH	EDDM	MUC	10870	48 22N	011 48E	447
DO	SANTO DOMINGO	MDSD	SDQ	78485	18 26N	069 40W	18
DZ	ALGIERS	DAAG	ALG	60390	36 43N	003 15E	25
EC	QUITO	SEQU	UIO	84071	00 08S	078 29W	2813
EG	CAIRO	HECA	CAI	62366	30 08N	031 24E	116
ES	MADRID	LEMD	MAD	08221	40 27N	003 33W	582
FI	HELSINKI	EFHK	HEL	02974	60 19N	024 58E	51
FJ	NADI	NFFN	NAN	91680	17 45S	177 27E	25
FR	PARIS	LFPO	ORY	07149	48 44N	002 24E	96
GB	BIRMINGHAM	EGBB	BHX	03534	52 27N	001 45W	99
GB	GLASGOW	EGPK	PIK	03136	55 31N	004 35W	20
GB	LONDON	EGLL	LHR	03772	51 29N	000 27W	24
GR	ATHENS	LGAV	ATH		37 56N	023 57E	94

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV(m)
HK	HONG KONG	VHHH	HKG	45007	22 19N	113 55E	8
HU	BUDAPEST	LHBP	BUD	12839	47 26N	019 14E	138
ID	BALI	WADD	DPS	97230	08 45S	115 10E	4
ID	JAKARTA	WIII	CGK	96749	06 07S	106 39E	8
IE	DUBLIN	EIDW	DUB	03969	53 26N	006 15W	68
IL	TEL AVIV	LLBG	TLV	40180	32 00N	034 54E	40
IN	CHENNAI (MADRAS)	VOMM	MAA	43279	13 00N	080 11E	16
IN	KOLKATA(CALCUTTA)	VECC	CCU	42809	22 39N	088 27E	6
IN	MUMBAI (BOMBAY)	VABB	BOM	43003	19 07N	072 50E	4
IN	NEW DELHI	VIDP	DEL	42181	28 34N	077 07E	237
IQ	BAGHDAD	ORBI	SDA	40650	33 16N	044 14E	35
IR	TEHRAN	OIII	THR	40754	35 41N	051 19E	1191
IS	REYKJAVIK	BIRK	REK	04030	64 08N	021 54W	50
IT	MILANO	LIML	LIN	16080	45 27N	009 17E	108
IT	NAPLES	LIRN	NAP	16289	40 51N	014 18E	72
IT	ROME	LIRF	FCO	16242	41 48N	012 14E	3
JO	AMMAN	OJAI	AMM	40272	31 40N	035 58E	720
JP	OSAKA	RJOO	ITM	47772	34 47N	135 26E	15
JP	TOKYO	RJTT	HND	47671	35 33N	139 47E	8
KE	NAIROBI	HKJK	NBO	63740	01 19S	036 55E	1624
KW	KUWAIT	OKBK	KWI	40582	29 13N	047 59E	55
LB	BEIRUT	OLBA	BEY	40100	33 49N	035 29E	19
MA	CASABLANCA	GMMC	CAS	60155	33 34N	007 40W	58
MX	ACAPULCO	MMAA	ACA	76805	16 45N	099 45W	3
MX	MEXICO CITY	MMMX	MEX	76679	19 26N	099 05W	2234
MX	MONTERREY	MMMY	MTY		25 47N	100 06W	387
MX	VERACRUZ	MMVR	VER	76692	19 09N	096 11W	32
MY	KUALA LUMPUR	WMKK	KUL	48647	02 45N	101 43E	21
NL	AMSTERDAM	EHAM	AMS	06240	52 18N	004 46E	-4
NO	OSLO	ENGM	OSL	01384	60 12N	011 05E	204
NZ	AUCKLAND	NZAA	AKL	93119	37 01S	174 48E	7
PE	LIMA	SPIM	LIM	84628	12 00S	077 07W	34
PF	TAHITI	NTAA	PPT	91938	17 33S	149 37W	2
PG	PORT MORESBY	AYPY	POM	92035	09 23S	147 13E	58
PH	MANILA	RPLL	MNL	98429	14 31N	121 00E	15
PK	KARACHI	OPKC	KHI	41780	24 54N	067 08E	22
PL	WARSAW	EPWA	WAW	12375	52 10N	020 58E	107
PT	LISBON	LPPT	LIS	08536	38 47N	009 08W	110
RO	BUCHAREST	LROP	OTP	15420	44 34N	026 06E	96
RU	MOSCOW	UUEE	SVO		55 58N	037 25E	192
RU	ST PETERSBURG	ULLI	LED	26063	59 55N	030 15E	4
SA	RIYADH	OERK	RUH	40437	24 56N	046 43E	612
SE	STOCKHOLM	ESSA	ARN	02460	59 39N	017 57E	61
SG	SINGAPORE	WSSS	SIN	48698	01 22N	103 59E	5

CD	STATION	ICAO	IATA	SYNOP	LAT	LONG	ELEV (m)
SN	DAKAR	GOOY	DKR	61641	14 44N	017 30W	28
SY	DAMASCUS	OSDI	DAM	40080	33 25N	036 31E	610
TH	BANGKOK	VTBD	BKK	48456	13 55N	100 36E	12
TN	TUNIS	DTTA	TUN	60715	36 50N	010 14E	4
TR	STANBUL	LTBA	IST	17060	40 58N	028 49E	27
TW	TAIPEI	RCTP	TPE	46686	25 05N	121 14E	23
UA	KIEV	UKKK	IEV	33345	50 24N	030 27E	179
VE	CARACAS	SVMJ	CCS	80415	10 36N	066 59W	72
VN	HANOI	VVNB	HAN	48820	21 01N	105 48E	6
ZA	CAPE TOWN	FACT	CPT	68816	33 58S	018 36E	42
ZA	JOHANNESBURG	FAJS	JNB	68368	26 09S	028 14E	1720

Appendix H

U.S. WSR-88D Sites

SID	Location	Latitude	Longitude	Elev (m)
ABC	BETHEL, AK	60-47-31N	161-52-35W	49
ABR	ABERDEEN, SD	45-27-21N	098-24-47W	397
ABX	ALBUQUERQUE, NM	35-08-59N	106-49-26W	1790
ACG	SITKA/BIORKA ISLAND, AK	56-51-10N	135-31-45W	64
AEC	NOME, AK	64-29-46N	165-19-06W	35
AHG	ANCHORAGE/NIKISKI, AK	60-43-33N	151-21-05W	74
AIH	MIDDLETON ISLAND, AK	59-27-41N	146-18-11W	19
AKC	KING SALMON, AK	58-40-46N	156-37-46W	19
AKQ	NORFOLK/WAKEFIELD, VA	36-59-02N	077-00-26W	34
AMA	AMARILLO, TX	35-14-00N	101-42-33W	1094
AMX	MIAMI, FL	25-36-40N	080-24-46W	4
APD	FAIRBANKS, AK	65-02-06N	147-30-06W	791
APX	GAYLORD, MI	44-54-26N	084-43-11W	446
ARX	LA CROSSE, WI	43-49-22N	091-11-28W	389
ATX	SEATTLE-TACOMA/CAMANO ISLAND, WA	48-11-40N	122-29-45W	151
BBX	MARYSVILLE/BEALE AFB, CA	39-29-46N	121-37-54W	51
BGM	BINGHAMTON, NY	42-11-59N	075-59-05W	490
BHX	EUREKA/BUNKER HILL, CA	40-29-54N	124-17-31W	732
BIS	BISMARCK, ND	46-46-15N	100-45-38W	505
BLX	BILLINGS/YELLOWSTONE COUNTY, MT	45-51-14N	108-36-24W	1097
BMX	BIRMINGHAM/ALABASTER, AL	33-10-20N	086-46-11W	197
BOX	BOSTON/TAUNTON, MA	41-57-21N	071-08-13W	36
BRO	BROWNSVILLE, TX	25-54-58N	097-25-08W	7
BUF	BUFFALO/CHEEKTOWAGA, NY	42-56-56N	078-44-12W	211
BYX	KEY WEST/BOCA CHICA KEY, FL	24-35-51N	081-42-11W	3
CAE	COLUMBIA, SC	33-56-55N	081-07-06W	70
CBW	CARIBOU/HODGDON, ME	46-02-21N	067-48-23W	227
CBX	BOISE/ADA COUNTY, ID	43-29-26N	116-14-08W	933
CCX	STATE COLLEGE/RUSH, PA	40-55-23N	078-00-13W	733
CLE	CLEVELAND, OH	41-24-47N	081-51-35W	232
CLX	CHARLESTON/GRAYS, SC	32-39-20N	081-02-31W	30
CRP	CORPUS CHRISTI, TX	27-47-03N	097-30-40W	14
CXX	BURLINGTON/COLCHESTER, VT	44-30-40N	073-10-01W	97
CYS	CHEYENNE, WY	41-09-07N	104-48-22W	1868
DAX	SACRAMENTO, CA	38-30-04N	121-40-40W	9
DDC	DODGE CITY, KS	37-45-39N	099-58-08W	790
DFX	DEL RIO/LAUGHLIN AFB, TX	29-16-22N	100-16-50W	355
DGX	BRANDON, MS	32-16-48N	089-59-02W	151
DIX	PHILADELPHIA, PA/FORT DIX, NJ	39-56-49N	074-24-39W	45
DLH	DULUTH, MN	46-50-13N	092-12-35W	435

SID	Location	Latitude	Longitude	Elev (m)
DMX	DES MOINES/JOHNSTON, IA	41-43-53N	093-43-22W	299
DOX	DOVER AFB, DE	38-49-32N	075-26-23W	15
DTX	DETROIT-PONTIAC/WHITE LAKE, MI	42-41-59N	083-28-18W	327
DVN	QUAD CITIES/DAVENPORT, IA	41-36-42N	090-34-51W	230
DYX	ABILENE/DYESS AFB, TX	32-32-18N	099-15-16W	463
EAX	KANSAS CITY/PLEASANT HILL, MO	38-48-37N	094-15-52W	303
EMX	TUCSON/EMPIRE MOUNTAIN, AZ	31-53-37N	110-37-49W	1586
ENX	ALBANY/EAST BERNE, NY	42-35-11N	074-03-50W	557
EOX	FORT RUCKER, AL	31-27-38N	085-27-34W	132
EPZ	EL PASO, TX/SANTA TERESA, NM	31-52-23N	106-41-53W	1251
ESX	LAS VEGAS/NELSON, NV	35-42-04N	114-53-29W	1484
EVX	RED BAY/EGLIN AFB, FL	30-33-52N	085-55-17W	43
EWX	AUSTIN-SAN ANTONIO/NEW BRAUNFELS, TX	29-42-14N	098-01-42W	193
EYX	EDWARDS AFB, CA	35-05-52N	117-33-39W	841
FCX	ROANOKE/COLES KNOB, VA	37-01-28N	080-16-26W	874
FDR	FREDERICK/ALTUS AFB, OK	34-21-44N	098-58-35W	386
FDX	CLOVIS/CANNON AFB, NM	34-38-07N	103-37-48W	1418
FFC	ATLANTA/PEACHTREE CITY, GA	33-21-49N	084-33-57W	262
FSD	SIOUX FALLS, SD	43-35-16N	096-43-46W	436
FSX	FLAGSTAFF/COCONINO, AZ	34-34-28N	111-11-52W	2261
FTG	DENVER/BOULDER, CO	39-47-12N	104-32-45W	1667
FWS	DALLAS/FORT WORTH, TX	32-34-23N	097-18-11W	208
GGW	GLASGOW, MT	48-12-23N	106-37-30W	694
GJX	GRAND JUNCTION/MESA, CO	39-03-44N	108-12-50W	3046
GLD	GOODLAND, KS	39-22-01N	101-42-01W	1113
GRB	GREEN BAY/ASHWAUBENON, WI	44-29-54N	088-06-41W	208
GRK	KILLEEN/FORT HOOD, TX	30-43-19N	097-22-59W	164
GRR	GRAND RAPIDS, MI	42-53-38N	085-32-41W	237
GSP	GREENVILLE-SPARTANBURG/GREER, SC	34-53-00N	082-13-12W	287
GUA	AGANA, GU	13-27-09N	144-48-41E	81
GWX	COLUMBUS AFB, MS	33-53-48N	088-19-44W	145
GYX	PORTLAND/GRAY, ME	43-53-29N	070-15-24W	125
HDX	ALAMOGORDO/HOLLOMAN AFB, NM	33-04-35N	106-07-22W	1287
HGX	HOUSTON-GALVESTON/DICKINSON, TX	29-28-19N	095-04-45W	6
HKI	SOUTH KAUAI/NUMILA, HI	21-53-39N	159-33-08W	55
HKM	KAMUELA/PUU MALA, HI	20-05-40N	155-44-49W	1439
HMO	MOLOKAI/KUKUI, HI	21-07-58N	157-10-48W	416
HNX	SAN JOAQUIN VALLEY/HANFORD, CA	36-18-51N	119-37-56W	75
HPX	FORT CAMPBELL, KY	36-44-12N	087-17-06W	176
HTX	HYTOP, AL	34-55-50N	086-05-00W	537
HWC	SOUTH HAWAII/NAALEHU, HI	19-05-42N	155-34-08W	418
ICT	WICHITA, KS	37-39-17N	097-26-34W	407
ICX	CEDAR CITY, UT	37-35-27N	112-51-44W	3232
ILN	CINCINNATI/WILMINGTON, OH	39-25-13N	083-49-18W	322

SID	Location	Latitude	Longitude	Elev (m)
ILX	LINCOLN, IL	40-09-02N	089-20-13W	177
IND	INDIANAPOLIS, IN	39-42-27N	086-16-49W	241
INX	TULSA/INOLA, OK	36-10-30N	095-33-53W	204
IWA	PHOENIX/MESA, AZ	33-17-21N	111-40-12W	413
IWX	NORTH WEBSTER, IN	41-21-32N	085-42-00W	293
JAX	JACKSONVILLE, FL	30-29-05N	081-42-07W	10
JGX	WARNER ROBINS/ROBINS AFB, GA	32-40-31N	083-21-04W	159
JKL	JACKSON/NOCTOR, KY	37-35-27N	083-18-47W	416
JUA	SAN JUAN/CAYEY, PR	18-06-56N	066-04-41W	852
LBB	LUBBOCK, TX	33-39-15N	101-48-51W	994
LCH	LAKE CHARLES, LA	30-07-31N	093-12-57W	4
LIX	NEW ORLEANS-BATON ROUGE/SLIDELL, LA	30-20-12N	089-49-32W	7
LNK	NORTH PLATTE/THEDFORD, NE	41-57-28N	100-34-35W	906
LOT	CHICAGO/ROMEOVILLE, IL	41-36-17N	088-05-05W	202
LRX	ELKO/SHEEP CREEK MOUNTAIN, NV	40-44-23N	116-48-10W	2056
LSX	ST. LOUIS/RESEARCH PARK, MO	38-41-56N	090-40-58W	185
LTX	WILMINGTON/SHALLOTTE, NC	33-59-22N	078-25-44W	20
LVX	LOUISVILLE/FORT KNOX, KY	37-58-31N	085-56-38W	220
LWX	BALTIMORE, MD-WASHINGTON, DC/STERLING, VA	38-58-31N	077-28-40W	83
LZK	NORTH LITTLE ROCK, AR	34-50-12N	092-15-44W	173
MAF	MIDLAND/ODESSA, TX	31-56-36N	102-11-21W	874
MAX	MEDFORD/MOUNT ASHLAND, OR	42-04-52N	122-43-02W	2291
MBX	MINOT AFB, ND	48-23-33N	100-51-54W	455
MHX	MOREHEAD CITY/NEWPORT, NC	34-46-34N	076-52-34W	10
MKX	MILWAUKEE/DOUSMAN, WI	42-58-04N	088-33-02W	292
MLB	MELBOURNE, FL	28-06-48N	080-39-15W	11
MOB	MOBILE, AL	30-40-46N	088-14-23W	63
MPX	MINNEAPOLIS/CHANHASSEN, MN	44-50-56N	093-33-56W	288
MQT	MARQUETTE/NEGAUNEE, MI	46-31-52N	087-32-54W	430
MRX	KNOXVILLE-TRI CITIES/MORRISTOWN, TN	36-10-07N	083-24-06W	408
MSX	MISSOULA/POINT SIX MOUNTAIN, MT	47-02-28N	113-59-10W	2395
MTX	SALT LAKE CITY/PROMONTORY POINT, UT	41-15-46N	112-26-52W	1970
MUX	SAN FRANCISCO/MOUNT UMUNHUM, CA	37-09-19N	121-53-54W	1058
MVX	FARGO-GRAND FORKS/MAYVILLE, ND	47-31-40N	097-19-32W	301
MXX	CARRVILLE/MAXWELL AFB, AL	32-32-12N	085-47-23W	122
NKX	SAN DIEGO/MIRAMAR NAS, CA	32-55-08N	117-02-31W	291
NQA	MEMPHIS/MILLINGTON, TN	35-20-41N	089-52-24W	86
OAX	OMAHA/VALLEY, NE	41-19-13N	096-22-00W	350
OHX	NASHVILLE/OLD HICKORY, TN	36-14-50N	086-33-45W	177
OKX	NEW YORK CITY/UPTON, NY	40-51-56N	072-51-50W	26
OTX	SPOKANE, WA	47-40-49N	117-37-36W	727
PAH	PADUCAH, KY	37-04-06N	088-46-19W	120
PBZ	PITTSBURGH/CORAOPOLIS, PA	40-31-54N	080-13-05W	361
PDT	PENDLETON, OR	45-41-26N	118-51-10W	462

SID	Location	Latitude	Longitude	Elev (m)
POE	FORT POLK, LA	31-09-20N	092-58-33W	124
PUX	PUEBLO, CO	38-27-34N	104-10-53W	1600
RAX	RALEIGH-DURHAM/CLAYTON, NC	35-39-56N	078-29-23W	106
RGX	RENO/VIRGINIA PEAK, NV	39-45-15N	119-27-44W	2530
RIW	RIVERTON, WY	43-03-58N	108-28-38W	1698
RLX	CHARLESTON/RUTHDALE, WV	38-18-40N	081-43-23W	329
RTX	PORTLAND/SCAPPOOSE, OR	45-42-53N	122-57-55W	479
SFX	POCATELLO-IDAHO FALLS/SPRINGFIELD, ID	43-06-21N	112-41-10W	1364
SGF	SPRINGFIELD, MO	37-14-07N	093-24-02W	390
SHV	SHREVEPORT, LA	32-27-03N	093-50-29W	83
SJT	SAN ANGELO, TX	31-22-17N	100-29-33W	576
SOX	SANTA ANA MOUNTAINS/ORANGE COUNTY, CA	33-49-02N	117-38-09W	924
SRX	FORT SMITH/FORT CHAFFEE, AR	35-17-26N	094-21-42W	195
TBW	TAMPA/RUSKIN, FL	27-42-20N	082-24-06W	13
TFX	GREAT FALLS, MT	47-27-35N	111-23-07W	1132
TLH	TALLAHASSEE, FL	30-23-51N	084-19-44W	19
TLX	OKLAHOMA CITY/NORMAN, OK	35-19-59N	097-16-40W	370
TWX	TOPEKA/ALMA, KS	38-59-49N	096-13-57W	417
TYX	MONTAGUE/FORT DRUM, NY	43-45-21N	075-45-48W	563
UDX	RAPID CITY/NEW UNDERWOOD, SD	44-07-30N	102-49-47W	920
UEX	HASTINGS/BLUE HILL, NE	40-19-15N	098-26-31W	602
VAX	VALDOSTA/MOODY AFB, GA	30-53-29N	083-00-20W	54
VBX	LOMPOC/VANDENBERG AFB, CA	34-50-17N	120-23-49W	373
VNX	ENID/VANCE AFB, OK	36-44-27N	098-07-40W	369
VTX	LOS ANGELES/SULPHUR MOUNTAIN, CA	34-24-42N	119-10-47W	831
VWX	OWENSVILLE, IN	38-15-36N	087-43-26W	155
YUX	YUMA, AZ	32-29-43N	114-39-24W	53

Appendix I

WFO Map

The Weather Forecast Office (WFO) map below includes the county warning and forecast area map for the modernized National Weather Service (NWS).

COUNTY WARNING AND FORECAST AREAS - MODERNIZED NWS



