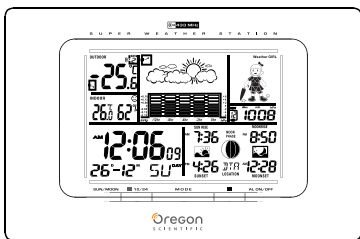


**ADVANCED WEATHER STATION
MODEL IWA-80004
USER'S INSTRUCTIONS**



Thank you for your purchase of this advanced weather station. The utmost care has gone into the design and manufacture of your clock. Please read the instructions carefully and keep the manual for future reference.

The receiver unit has a clear, easy-to-read display that shows the indoor/outdoor temperature, time, date, month and day of the week. It will receive and display temperature readings from the wireless remote sensor. The 433 MHz technology means no wire installation is required and you can place the sensor anywhere within the 100 feet transmission zone.

MAIN FEATURES:

- Digital time with Manual Time Setting option
- Daily Sunrise/Sunset and Moonrise/Moonset Time Display for 244 cities in USA, Canada and Mexico.
- Weather Forecast
- Weather Forecast with Sunny, Slightly Cloudy, Cloudy, Rainy and Cloud Burst Animation
- Weather Girl with Suitable Clothing in Outdoor Condition
- Barometric Pressure Measurement.
- Current and Past 12hr Absolute and Relative Barometric Pressure Reading
- Barometric Pressure Bar Chart.
- Display in mb/hPa or in Hg Selectable.
- 433MHz RF Transmitting Frequency.
- Maximum Three Selectable RF channels with Wireless Thermo Sensor. (One Wireless Thermo Sensor Included)
- Transmission Range: 100 feet (Open Area).
- Measurable Range:
- Indoor Temperature : 32°F ~ 122°F
- Indoor Humidity : 20% ~ 99%
- Outdoor Temperature : -4°F ~ +122°F
- Max/Min Memory for Humidity, Indoor and Outdoor Temperature.
- Low-battery Indicator for Outdoor Thermo Sensor.
- Perpetual Calendar Up to Year 2099.
- 12/24Hour Time Display Selectable.
- 2 Alarm Function
- Moon Phase Display
- Wall Mount or Table Stand Selectable.

BATTERY

Main Unit : DC 1.5 V 2A size x 3 pcs
Thermo Sensor Unit : DC 1.5 V 3A size x 2 pcs

SPECIFICATIONS

MAIN UNIT

Recommended operating range: 0 °C to 45 °C
32 °F to 113 °F

REMOTE SENSOR

Recommended operating range: -20 °C to 55 °C
-4 °F to 131 °F

RF transmission frequency: 433 MHz

No. of remote unit: 1 unit

RF transmission range: maximum 100 feet

Power

Main Unit : DC 1.5 V 2A size x 3 pcs

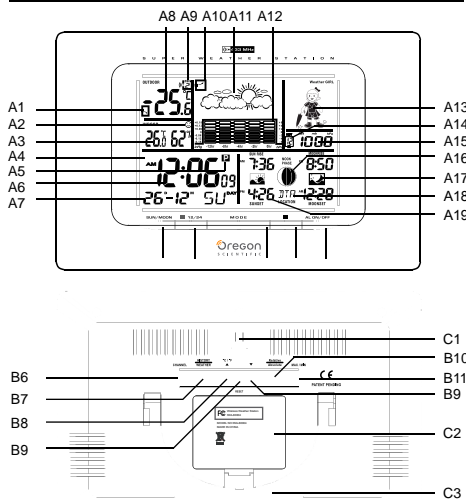
Thermo Sensor Unit : DC 1.5 V 3A size x 2 pcs

Dimension

Main Unit : 5.94 x 9.13 x 1.22 inch

Thermo Sensor Unit : 3.7 x 2.36 x 1.10 inch

MAIN UNIT APPEARANCE:



BEFORE USING THE TRANSMITTER

Part A-LCD

- | | |
|---------------------------------------|-----------------------------------------------------|
| A1: Outdoor Temperature Trend | A11: Weather Forecast |
| A2: Comfort Icon | A12: Barometric Pressure Bar Graph |
| A3: Indoor Temperature/Humidity | A13: Weather Girl |
| A4: Radio Control Icon | A14: Past Hour(Pressure History) |
| A5: Time Zone | A15: Absolute/ Relative Barometric Pressure Reading |
| A6: Radio Controlled Time | A16: Moon phase |
| A7: Date, Month & Week | A17: Moonrise/Moonset |
| A8: Outdoor Temperature Moonrise Time | A18: Time Selected Country |
| A9: Selected Channel | A19: Sunrise/Sunset Time |
| A10: Barometric Pressure Trend | |

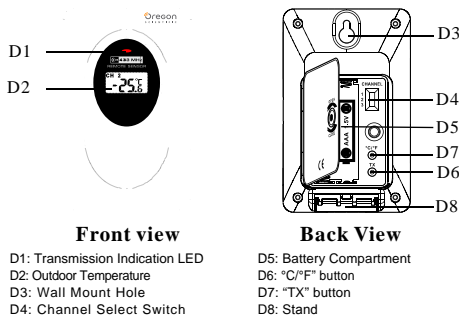
Part B-BUTTON

- | | |
|---------------------------|----------------------------------|
| B1: "SUN/MOON" Button | B7: "HISTORY/ WEATHER" Button |
| B2: "+ / (12/24)" Button | B8: "▲ (UP) / °C / °F" Button |
| B3: "MODE" Button | B9: "▼ (DOWN)" Button |
| B4: "° / °F" Button | B10: "Relative /Absolute" Button |
| B5: "ALARM ON/OFF" Button | B11: "MAX/MIN" Button |
| B6: "CHANNEL" Button | B12: "RESET" Button |

Part C- STRUCTURE

- C1: Wall Mount Hole C2: Battery Compartment C3: Stand

THERMO SENSOR UNIT APPEARANCE



Front view

Back View

- D1: Transmission Indication LED
D2: Outdoor Temperature
D3: Wall Mount Hole
D4: Channel Select Switch

- D5: Battery Compartment
D6: "°C/°F" button
D7: "TX" button
D8: Stand

Set Up:

- Insert batteries
- Use a pin to press the RESET (B12) button

WEATHER FORECAST FUNCTION

1. After Batteries inserted or holding "WEATHER" button (B7) for 3 seconds, Weather Icon (A11) blinks. Enter the current weather condition by pressing "▲" (B8) or "▼" (B9) buttons. Press "WEATHER" button (B7) to confirm the setting. The weather forecast may not be accurate if the current weather condition entered is not correct.
2. The current weather status should be entered again if the altitude of the weather station is changed. (Barometric pressure is lower at higher altitude location. Therefore, altitude change will affect the weather forecast) The weather station will start the first forecast at 6 hours after the current weather status is entered.
3. Totally 5 different weather conditions in the weather forecast.



Sunny



Slightly Cloudy



Cloudy



Rainy



Cloudburst

"☁" is shown if the weather forecast is Rainy or Cloudburst and outdoor temperature (any channel) is under 0°C.

If there is any inconsistency of weather forecast between Local Weather Station and this unit, the Local Weather Station's forecast should prevail. We will not hold responsible for any trouble that may come up due to wrong forecasting from this unit.

The trend pointer (LCD A10) indicates the trend of the barometric pressure.



indicates the barometric pressure trend is increasing.



indicates the barometric pressure trend is steady.



indicates the barometric pressure trend is decreasing.

BAROMETRIC PRESSURE READING

- Press "Absolute/Relative" button (B10) for three seconds to select Absolute or Relative pressure display. "Abs" is shown for Absolute pressure; "Rel" is shown for Relative pressure.

- Absolute pressure is the actual pressure measured by the Main Unit.

- Relative pressure can be adjusted to sea level's pressure by holding "Absolute/Relative" button (B10) for 3 seconds.

- Press "▲" (B8) or "▼" (B9) key to adjust, press "Absolute/Relative" button (B8) to confirm. Check the Local Weather Station for Sea Level pressure.

- Press "HISTORY" button (B7) to view the past 12 hours Barometric Pressure history. The hour is indicated on LCD (A14).

Press "HISTORY" button (B7)



- Press "HISTORY" button (B7) to view the past 12 hour Barometric Pressure history. The hour is indicated on the LCD. 0 HR = Current Barometric Pressure Reading

-1HR = Barometric Pressure Reading in 1 hour ago
-2HR = Barometric Pressure Reading in 2 hour ago.....etc

Hold "▲" button (B8) for three seconds to select the unit for Barometric Pressure Meter in inHg or mb / hPa.

BAROMETRIC PRESSURE TREAD BAR GRAPH

1. The Barometric Pressure Reading at -2hr, -4hr, -8hr and -12hr is recorded and shown on Barometric Pressure Bar Graph (A12). The Graph is displayed in both hPa and inHg.

WEATHER GIRL

1. Weather Girl (A13) shows different clothing under different weather condition and Outdoor temperature (according to the lowest channel). This is to remind you to wear suitable clothes or take an umbrella with you before go to outdoor area.
2. If there is no Thermo Sensor is registered in the main unit, LCD shows :



THERMOMETER

1. Press "°C /°F" button (B8) to select Temperature to be displayed in Celsius mode or Fahrenheit mode.
2. If the temperature is out of the measurable range, LL.L (beyond the minimum temperature) or HH.H (beyond the maximum temperature) will be shown on the LCD.

MAXIMUM / MINIMUM TEMPERATURE / HUMIDITY RECORDING FUNCTION

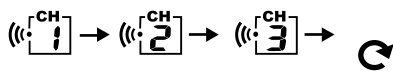
1. Press "MAX/MIN" button (B11) to show the maximum or minimum of indoor/outdoor Temperature/Humidity. "MAX" is shown on the LCD if maximum Temperature /Humidity is shown. "MIN" is shown on the LCD if minimum Temperature/ Humidity is shown.
2. Hold "MAX/MIN" button (B11) for 3 seconds to clear the recorded maximum and minimum reading.

OUTDOOR THERMO SENSOR UNIT REGISTRATION PROCEDURE

- The main unit automatically starts receiving transmission from Outdoor Thermo Sensor after Weather condition setting. Outdoor temperature digits (A8) blinks.
- Insert the batteries in the Thermo Sensor Unit. The sensor unit automatically transmits temperature to the main unit. (Battery compartment (D5) of thermo sensor is located behind the back cover, unscrews to open.)
- For having more than one external transmitter (Maximum3), select the Channel, CH1, CH2 or CH3 to ensure each sensor is transmitting at difference channel before inserting batteries. The channel select switch (D4) is at the back of the thermo sensor unit.
- Press "TX" button (D7) on the thermo sensor unit to transmit temperature to the main unit manually. The main unit gives a "beep" sound if it received the temperature.

DISPLAY OUTDOOR TEMPERATURE

- Press "CHANNEL" button (B6) to view the 3 Channels' temperature. The sequence is shown as follow:



Press "CHANNEL" Button

Display the three channels alternatively

- Hold "CHANNEL" (B6) button for 3 seconds to cancel unused channel. It will automatically register a new channel again if a new channel is received. If there is no temperature displayed in existing channel ("---" is displayed on the LCD), hold "CHANNEL" button (B6) for 3 seconds to cancel that channel and receive the channel again ("Beep" sound can be heard.) Then, press "TX" button (D7) on the thermo sensor unit to transmit signal to the main unit manually. The trend pointer displayed (A1) indicates the trend of the outdoor temperature.



Indicates the outdoor temperature is increasing.



Indicates the outdoor temperature is steady.



Indicates the outdoor temperature is decreasing

- Press "°C/°F" button (D6), on the Thermo Sensor unit, to select Temperature to be displayed in Celsius mode or Fahrenheit mode.

MANUAL TIME SETTING

- Hold "MODE" button (B3) for 3 seconds to enter Clock/Calendar setting Mode. Press "+" (B2) or "-" (B4) buttons to adjust the setting and press "MODE" button (B3) to confirm each setting.
- The setting sequence is shown as follow: Hour, Minutes, Second, Year, Month, Day, Day-of-week, Country and City.

12/24 HOUR DISPLAY MODE

- Press "12/24" button (B2) to select 12 or 24 hours mode.

2 DAILY ALARM FUNCTION

- Press "MODE" button (B3) to select to view:

Time → Alarm Time1 ("🔔" Shown)
Alarm Time 2 ("🔔" Shown)

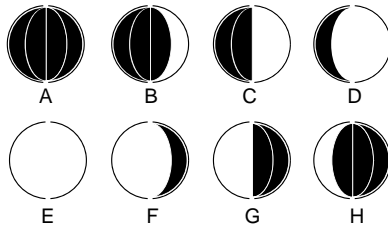
- When viewing Alarm Time 1 or Alarm Time 2, hold "MODE" button (B3) for 3 seconds to enter that Alarm Time setting. Press "+" (B2) or "-" (B4) buttons to adjust the alarm time. Press "MODE" button (B3) to confirm each setting.
- When viewing Alarm Time 1 or Alarm Time 2, press "ALARM ON/OFF" button (B5) to switch that alarm ON or OFF.
- Press "MODE" (B3), "+" (B2), "-" (B4) or "SUN/MOON" (B4) button to stop the alarm.

SUNRISE/SUNSET AND MOONRISE/MOONSET TIME DISPLAY FUNCTION

- After setting the Calendar, Local Country and City in the Time Setting Mode, the Main Unit calculates the Sunrise/Sunset and Moonrise/Moonset. The Sunrise/Sunset and Moonrise/Moonset time digit blinks during the calculation.
- Press "SUN/MOON" button (B1) to display the Sun Hours of the selected day. Hold "SUN/MOON" button for (B1) 3 seconds to enter Sunrise/Sunset and Moonrise/Moonset Time Quick Checking Mode. Location digits (A18) blinks Enter "Country", "City", "Year", "Month" and "Day" which you would like to check.
- Press "+" (B2) and "-" (B4) button to adjust and press "SUN/MOON" button (B1) to confirm setting.
- The Sunrise/Sunset and Moonrise/Moonset time digit blinks during the calculation. After Calculation, Sunrise/Sunset and Moonrise/Moonset time is shown. The location digits (A18) keep blinking to indicate the Main Unit is still in Quick Checking Mode. Press "SUN/MOON" button (B4), or after 15 seconds, to return to normal mode.
- If moonrise or moonset occur at next day, then "MOONRISE +1" or "MOONSET +1" will be displayed.
- If there is no moonrise or moonset occur on someday, "---" will be displayed on the LCD. The Sunrise/Sunset and Moonrise/Moonset time display is just for reference only. For exact Sunrise/Sunset and Moonrise/Moonset time, please refer to your Local Weather Station.

MOON PHASE DISPLAY

The Moon Phase (A16) of each day is shown on the LCD.



A: New Moon B: Waxing Crescent C: First Quarter
D: Waxing Gibbous E: Full Moon F: Waning Gibbous
G: Last Quarter H: Waning Crescent

LOW BATTERIES INDICATOR

Low battery icon "🔋" appear at particular channel indicating that Thermal Sensor Unit of the channel is in low battery status. The batteries should be replaced.

NOTE:

- Use a pin to press the reset button (B12) if the Unit does not work properly.
- Avoid placing the clock near interference sources /metal frames such as computer or TV sets.
- The clock loses its time information when the batteries is removed.
- Buttons will not function while scanning for WWVB time signal or thermo sensor's signal unless they are well received or stopped manually.
- All Setting Modes will automatically exit in 15 seconds without any adjustment.

NOTE:

Attention! Please dispose of used unit or batteries in an ecologically safe manner.



PLACING THE TRANSMITTER OUTSIDE

The transmitter should be located in an area protected from direct sunlight and rain. Place the sensor under a covered location like a roof overhand or under the eaves. This will ensure accurate temperature readings. The transmitter comes with a wall mounting/desktop holder. When mounting on a wall, screw in place the holder using the top and bottom holes. Then secure the transmitter in the holder. The holder is also equipped with a table stand. With the transmitter secured on the holder, retract the leg on the rear of the holder and place on a flat surface.

ABOUT OREGON SCIENTIFIC

Visit our website (www.oregonscientific.com) to learn more about Oregon Scientific products.

If you're in the US and would like to contact our Customer Care department directly, please visit: www2.oregonscientific.com/service/support.asp OR

For international inquiries, please visit: www2.oregonscientific.com/about/international.asp.

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

DECLARATION OF CONFORMITY

The following information is not to be used as contact for support or sales. Please call our customer service number (listed on our website at www.oregonscientific.com or on the warranty card for this product) for all inquiries instead.

We

Name: Oregon Scientific, Inc.
Address: 19861 SW 95th Place, Tualatin,
Oregon 97062 USA

DECLARE THAT THE PRODUCT

Product No.: IWA-80004
Product Name: ADVANCED WEATHER STATION

is in conformity with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.



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USA																	
Alabama	AL		Hawaii	HI	Minnesota	MN		North Carolina	NC	Texas	TX						
	Birmingham	BHM		Honolulu	HNL			Asheville	AVL		Abilene	ABI					
	Gadsden	GAD		Hilo	ITO			Charlotte	CLT		Amarillo	AMA					
	Montgomery	MGM		Kahului	OGC			Fayetteville	FAY		Austin	AUS					
	Mobile	MOB		Waimea	WAI			Wilmington	ILM		Brownsville	BRO					
Alaska	AK		Idaho	ID				Winston-Salem	INT		Dallas/Ft. Worth	DFW					
	Anchorage	ANC		Boise	BOI			Williamston	MCZ		El Paso	ELP					
	Fairbanks	FAI		Gibbonsville	GIB	Mississippi	MS	Raleigh	RDU		Houston	HOU					
	Juneau	JNU		Pocatello	PIH		Greenwood	GWO	North Dakota	ND	Laredo	LRD					
	Nome	OME		Sandpoint	SZT		Huntsville	HUV		Bismarck	BIS	Odessa	ODO				
Arizona	AZ		Illinois	IL			Jackson	JAN		Bowbells	BWB	San Antonio	SAT				
	Flagstaff	FLG		Champaign	CMI		Tupelo	TUP		Fargo	FAR	Utah	UT				
	Phoenix	PHX		Chicago	ORD	Missouri	MO	Jefferson City	JEF	Ohio	OH	Saline	SAL				
	Tucson	TUS		Springfield	SPI			Kansas City	MKC		Cleveland	CLE	St. George	SGU			
	Yuma	YUM	Indiana	IN				Memphis	MPH		Columbus	CMH	Salt Lake City	SLC			
Arkansas	AR			Evansville	EVV			Poplar Bluff	POF		Cincinnati	ISZ	Thompson	TSN			
	Fort Smith	FSM		Terre Haute	HUF			Springfield	SGF		Toledo	TOL	Vermont	VT			
	Little Rock	LIT		Indianapolis	IND			St. Louis	STL		Youngstown	YNG		Burlington	BTV		
	Texarkana	TXK		South Bend	SBN									Montpelier	MPR		
California	CA		Iowa	IA						Oklahoma	OK	Virginia	VA				
	Bakersfield	BFL		Waterloo	ALO	Montana	MT				Boise City	17K		Vienna	DON		
	Blythe	BLH		Des Moines	DSM		Billings	BIL			Lawton	LAW		Lynchburg	LYH		
	Eureka	EKA		Davenport	DVN		Ft. Peck	FTP			Oklahoma City	OKC		Norfolk	ORF		
	Fresno	FAT		Sioux City	SUX		Great Falls	GFT			Tulsa	TUL		Richmond	RIC		
	Fort Bragg	FTB	Kansas	KS			Helena	HLN	Oregon	OR			Washington	WA	Roanoke	ROA	
	Los Angeles	LAX		Dodge City	DDC		Sidney	SDY		Burns	BNO			Aberdeen	ABE		
	Redding	ROD		Wichita	K32	Nebraska	NE	Whitefish	WTF		Eugene	EUG		Walla Walla	ALW		
	Sacramento	SAC		Kansas City	KCK		Grand Island	GRI		Medford	MFR			Kettle Falls	KTF		
	San Diego	SAN		Wakeeney	OH1		Lincoln	LNK		Portland	PDX			Mount Vernon	MVN		
	San Bernardino	SBD		Topeka	TOP		Omaha	OMA	Pennsylvania	PA	Salem	SLE		Olympia	OLM		
	San Francisco	SFO	Kentucky	KY			Sidney	SNY		Harrisburg	CXY			Seattle	SEA		
Colorado	CO			Frankfort	FFT		Sidney	VTN		Philadelphia	PHL			Spokane	SFF		
	Denver	DEN		Lexington	LEX		Valentine	VTN		Pittsburgh	PIT			Tonasket	TON		
	Durango	DRO	Louisiana	LA		Nevada	NV			Scranton	SCR			Yakima	YKM		
	Fort Collins	FNL		Baton Rouge	BTR		Austin	AIN		San Juan	SJU	West Virginia	WV				
	Grand Junction	GJT		Lake Charles	CWF		Carson City	CXP	Puerto Rico	PR			Charleston	CRW			
	Burlington	ITR		New Orleans	NEW		Ely	ELY		San Juan	SJU		Wheeling	HLG			
	Pueblo	PUB		Natchitoches	IER		Las Vegas	LAS	Rhode Island	RI	Providence	PVD	Wisconsin	WI			
Connecticut	CT			New Orleans	NEW		Wells	LWL		Providence	PVD			Wausau	AUW		
	Hartford	HFD		Shreveport	SHV		Reno	RNO	South Carolina	SCR	Charleston	CHS		Green Bay	GRB		
District of Columbia	DC		Maine	ME		New Hampshire	NH	Concord	CON		Columbia	CUB		La Crosse	LSE		
	Washington	DCA		Augusta	AUG		Newark	EWR		Greenville	GMU		Madison	MSN			
Delaware	DE			Bangor	BGR	New Jersey	NJ	Newark	EWR	South Dakota	SD		Milwaukee	MWC			
	Dover	ON5		Caribou	CAR		Trenton	TTN		Sioux Falls	FSD		Spooner	SSQ			
Florida	FLG			Portland	PWM		Trenton	TTN		Pierre	PIR	Wyoming	WY				
	Key West	EYW	Maryland	MD		New Mexico	NM	Albuquerque	ABQ		Rapid City	RAP		Buffalo	BYG		
	Jacksonville	JAX		Baltimore	BWI		Albuquerque	ABQ		Tennessee	TN		Casper	CPR			
	Miami	MIA	Massachusetts	MA			Magdalene	MAG			Nashville	BNA		Cheyenne	CYS		
	Orlando	ORL		Boston	BOS		Roswell	ROW			Chattanooga	CHA		Little America	LAA		
	Pensacola	PNS		MIA			Raton	RTN			Knoxville	DKX		West Yellowstone	WYE		
	Tallahassee	TLH	Michigan	MIA			Kalamazoo	AZO			Memphis	MFR					
	Tampa	TPA		Tallahassee	TLH		Detroit	DET	New York	NY							
Georgia	GA			Tampa	TPA		Flint	FNT		Albany	ALB						
	Albany	ABY		Tampa	TPA		Flint	FNT		Albany	ALB						
	Augusta	AGS		Tampa	TPA		Lansing	LAN		Buffalo	BUF						
	Atlanta	ATL		Tampa	TPA		Rogers City	PZQ		New York City	JFK						
	Columbus	CSG		Tampa	TPA		Marquette	SAW		Lake Placid	LKP						
	Macon	MAC		Tampa	TPA		Traverse City	TVC		Syracuse	SYR						
	Savanna	SAV		Tampa	TPA												

Mexico	MEX
Chihuahua	CHH
Durango	DUR
Guadalupe	GUA
Hermosillo	HER
Mexico City	MEC

Canada	CAN
Calgary	CAL
Charlotte Town	CHT
Edmonton	EDM
Fredericton	FRE
Halifax	HAL
Montreal	MON
Ottawa	OTT
Quebec	QUE
Regina	REG
Sudbury	SUD
Thunder Bay	THU
Toronto	TOR
Vancouver	VAN
Whitehorse	WHI
Winnipeg	WIN
Yellowknife	YEL

Code	City	Code	City	Code	City	Code	City	Code	City
0N5	Dover	CWF	Lake Charles	HUF	Terre Haute	MT	Montana	SCR	Scranton
17K	Boise City	CXP	Carson City	HUV	Huntsville	MVN	Mount Vernon	SCR	South Carolina
ABE	Aberdeen	CXY	Harrisburg	IA	Iowa	MWC	Milwaukee	SD	South Dakota
ABI	Abilene	CYS	Cheyenne	ID	Idaho	NC	North Carolina	SDY	Sidney
ABQ	Albuquerque	DC	District of Columbia	IER	Natchitoches	ND	North Dakota	SEA	Seattle
ABY	Albany	DCA	Washington	IL	Illinois	NE	Nebraska	SFF	Spokane
AEL	Albert Lea	DDC	Dodge City	ILM	Wilmington	NEW	New Orleans	SFO	San Francisco
AGS	Augusta	DE	Delaware	IN	Indiana	NH	New Hampshire	SGF	Springfield
AIN	Austin	DEN	Denver	IND	Indianapolis	NJ	New Jersey	SGU	St. George
AK	Alaska	DET	Detroit	INL	International Falls	NM	New Mexico	SHV	Shreveport
AL	Alabama	DFW	Dallas/Ft. Worth	INT	Winston-Salem	NV	Nevada	SJU	San Juan
ALB	Albany	DKX	Knoxville	ISZ	Cincinnati	NY	New York	SLC	Salt Lake City
ALO	Waterloo	DLH	Duluth	ITO	Hilo	ODO	Odessa	SLE	Salem
ALW	Walla Walla	DON	Vienna	ITR	Burlington	OGC	Kahului	SNY	Sidney
AMA	Amarillo	DRO	Durango	JAN	Jackson	OH	Ohio	SPI	Springfield
ANC	Anchorage	DSM	Des Moines	JAX	Jacksonville	OH1	Wakeeney	SSQ	Spoooner
AR	Arkansas	DUR	Durango	JEF	Jefferson City	OK	Oklahoma	STL	St. Louis
ATL	Atlanta	DVN	Davenport	JFK	New York City	OKC	Oklahoma City	STP	St. Paul
AUG	Augusta	EDM	Edmonton	JNU	Juneau	OLM	Olympia	SUD	Sudbury
AUS	Austin	EKA	Eureka	K32	Wichita	OMA	Omaha	SUX	Sioux City
AUW	Wausau	ELP	El Paso	KCK	Kansas City	OME	Nome	SYR	Syracuse
AVL	Asheville	ELY	Ely	KS	Kansas	OR	Oregon	SZT	Sandpoint
AZ	Arizona	EUG	Eugene	KTF	Kettle Falls	ORD	Chicago	THU	Thunder Bay
AZO	Kalamazoo	EVV	Evansville	KY	Kentucky	ORF	Norfolk	TLH	Tallahassee
BFL	Bakersfield	EWR	Newark	LA	Louisiana	ORL	Orlando	TN	Tennessee
BGR	Bangor	EYW	Key West	LAA	Little America	OTT	Ottawa	TOL	Toledo
BHM	Birmingham	FAI	Fairbanks	LAN	Lansing	PA	Pennsylvania	TON	Tonasket
BIL	Billings	FAR	Fargo	LAS	Las Vegas	PDX	Portland	TOP	Topeka
BIS	Bismarck	FAT	Fresno	LAW	Lawton	PHL	Philadelphia	TOR	Toronto
BJI	Bemidji	FAY	Fayetteville	LAX	Los Angeles	PHX	Phoenix	TPA	Tampa
BLH	Blythe	FFT	Frankfort	LEX	Lexington	PIH	Pocatello	TSN	Thompson
BNA	Nashville	FLG	Flagstaff	LIT	Little Rock	PIR	Pierre	TTN	Trenton
BNO	Burns	FLG	Florida	LKP	Lake Placid	PIT	Pittsburgh	TUL	Tulsa
BOI	Boise	FNL	Fort Collins	LNK	Lincoln	PNS	Pensacola	TUP	Tupelo
BOS	Boston	FNT	Flint	LOU	Louisville	POF	Poplar Bluff	TUS	Tucson
BRO	Brownsville	FRE	Fredericton	LRD	Laredo	PR	Puerto Rico	TVC	Traverse City
BTR	Baton Rouge	FSD	Sioux Falls	LSE	La Crosse	PUB	Pueblo	TX	Texas
BTV	Burlington	FSM	Fort Smith	LWL	Wells	PVD	Providence	TXK	Texarkana
BUF	Buffalo	FTB	Fort Bragg	LYH	Lynchburg	PWM	Portland	UT	Utah
BWB	Bowbells	FTP	Ft. Peck	MA	Massachusetts	PZQ	Rogers City	VA	Virginia
BWI	Baltimore	GA	Georgia	MAC	Macon	QUE	Quebec	VAN	Vancouver
BYG	Buffalo	GAD	Gadsden	MAG	Magdalene	RAP	Rapid City	VT	Vermont
CA	California	GFK	Grand Forks	MCZ	Williamston	RDU	Raleigh	VTN	Valentine
CAL	Calgary	GFT	Great Falls	MD	Maryland	REG	Regina	WA	Washington
CAR	Caribou	GIB	Gibbonsville	ME	Maine	RI	Rhode Island	WAI	Waimea
CHA	Chattanooga	GJT	Grand Junction	MEC	Mexico City	RIC	Richmond	WHI	Whitehorse
CHH	Chihuahua	GMU	Greenville	MFR	Medford	RNO	Reno	WI	Wisconsin
CHS	Charleston	GPO	Grand Protage	MFR	Memphis	ROA	Roanoke	WIN	Winnipeg
CHT	Charlotte Town	GRB	Green Bay	MGM	Montgomery	ROD	Redding	WTF	Whitefish
CLE	Cleveland	GRI	Grand Island	MIA	Miami	ROW	Roswell	WV	West Virginia
CLT	Charlotte	GUA	Guadalupe	MIA	Michigan	RTN	Raton	WY	Wyoming
CMH	Columbus	GWO	Greenwood	MKC	Kansas City	SAC	Sacramento	WYE	West Yellowstone
CMI	Champaign	HAL	Halifax	MN	Minnesota	SAF	Santa Fe	YEL	Yellowknife
CO	Colorado	HER	Hermosillo	MO	Missouri	SAL	Saline	YKM	Yakima
CON	Concord	HFD	Hartford	MOB	Mobile	SAN	San Diego	YNG	Youngstown
CPR	Casper	HI	Hawaii	MON	Montreal	SAT	San Antonio	YUM	Yuma
CRW	Charleston	HLG	Wheeling	MPH	Memphis	SAV	Savanna		
CSG	Columbus	HLN	Helena	MPR	Montpelier	SAW	Marquette		
CT	Connecticut	HNL	Honolulu	MS	Mississippi	SBD	San Bernardino		
CUB	Columbia	HOU	Houston	MSN	Madison	SBN	South Bend		