WEATHER REPORTING LOCATIONS

COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT

(WXL-FILES)

INFORMATION EFFECTIVE DATE: 08/11/2022

RECORD FORMAT: COMMA DELIMITED WITH TEXT FIELDS ENCLOSED WITHIN DOUBLE-QUOTE CHARACTERS

LOGICAL RECORD INTERVAL: ALL RECORDS WITHIN A SPECIFIC ILS FILE HAVE THE SAME NUMBER OF FIELDS, IN THE SAME ORDER AND RECORD ENDS AT A LINE TERMINATOR

DATA HEADERS: FIRST ROWS CONTAIN FIELD NAMES

WXL FILES: WXL\_BASE, WXL\_SVC

COMMON TO ALL WXL FILES: EFF\_DATE, WEA\_ID, CITY, STATE\_CODE, COUNTRY\_CODE

GENERAL INFORMATION:

1. The WXL\_\*.csv files were designed to replace the legacy WXL.txt Subscriber File.
2. The Ordered By list for each WXL FILE documented below is also the Unique Record Key.
3. WXL\_\*.csv files contain the data found in the legacy WXL.txt Subscriber File. Data while comparable to the legacy WXL.txt is in some cases organized and presented in a different way.
4. Please enter any feedback in the Aeronautical Information Portal. <https://nfdc.faa.gov/nfdcApps/controllers/PublicSecurity/nfdcLogin>

FIELD DESCRIPTIONS

*COMMON TO ALL*

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EFF\_DATE – The 28 Day NASR Subscription Effective Date in format ‘YYYY/MM/DD’.

WEA\_ID – Weather Reporting Location Identifier

CITY – Associated City Name

STATE\_CODE – Associated State Post Office Code standard two letter abbreviation for US States and Territories.

COUNTRY\_CODE - Country Post Office Code

*WXL\_BASE ordered by WEA\_ID, COUNTRY\_CODE*

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LAT\_DEG – Weather Reporting Location Latitude Degrees

LAT\_MIN – Weather Reporting Location Latitude Minutes

LAT\_SEC – Weather Reporting Location Latitude Seconds

LAT\_HEMIS – Weather Reporting Location Latitude Hemisphere

LAT\_DECIMAL – Weather Reporting Location Latitude in Decimal Format

LONG\_DEG – Weather Reporting Location Longitude Degrees

LONG\_MIN – Weather Reporting Location Longitude Minutes

LONG\_SEC – Weather Reporting Location Longitude Seconds

LONG\_HEMIS – Weather Reporting Location Longitude Hemisphere

LONG\_DECIMAL – Weather Reporting Location Longitude in Decimal Format

ELEV – Weather Reporting Location Elevation - Value (Whole Feet MSL).

SURVEY\_METHOD\_CODE – Weather Reporting Location Elevation - Accuracy

S - VALUE WAS SURVEYED

E - VALUE WAS ESTIMATED

*WXL\_SVC ordered by WEA\_ID, COUNTRY\_CODE, WEA\_SVC\_TYPE\_CODE*

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WEA\_SVC\_TYPE\_CODE – Weather Services Available at Location

WX TYPE DESCRIPTION

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AC SEVERE WEATHER OUTLOOK NARRATIVE

AWW SEVERE WEATHER FORECAST ALERT

CWA CENTRAL WEATHER ADVISORY

FA AREA FORECAST

FD WINDS & TEMPERATURE ALOFT FORECAST

FT AVIATION TERMINAL FORECAST

FX MISCELLANEOUS FORECASTS

METAR AVIATION ROUTINE WEATHER REPORT (ICAO)

MIS METEOROLOGICAL IMPACT SUMMARY

NOTAM NOTICE TO AIRMEN

SA SURFACE OBSERVATION REPORT

SD RADAR WEATHER REPORT

SPECI AVIATION SPECIAL WEATHER REPORT (ICAO)

SYNS TRANSCRIBED WEATHER BROADCAST SYNOPSES

TAF AVIATION TERMINAL FORECAST (ICAO)

TWEB TRANSCRIBED WEATHER BROADCAST

UA AIRCRAFT REPORT (PIREP)

WA WEATHER ADVISORY

WH ABBREVIATED HURRICANE ADVISORY

WO TROPICAL DEPRESSIONS

WS FLIGHT ADVISORY - SIGMET

WST CONVECTIVE SIGMET

WW SEVERE WEATHER BROADCASTS OR BULLETINS

WEA\_AFFECT\_AREA – Affected State/Area. An Alphabetically Ordered Series of Two Character US State Post Office Abbreviations Separated by Commas. Values May Also Include LE, LH, LM, LO, LS for the Great Lakes (Erie, Huron, Michigan, Ontario, Superior)