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
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)