ASOS/AWOS DATA

COMMA-SEPARATED VALUES (CSV) RECORD LAYOUT

(AWOS-FILE)

INFORMATION EFFECTIVE DATE: 12/01/2022

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

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

DATA HEADERS: FIRST ROW CONTAINS FIELD NAMES

ORDERED BY: ASOS\_AWOS\_ID, ASOS\_AWOS\_TYPE

GENERAL INFORMATION:

1. The AWOS.csv was designed to replace the legacy AWOS.txt Subscriber File.
2. The Ordered By listed above (ASOS\_AWOS\_ID, ASOS\_AWOS\_TYPE) is also the unique record key.
3. Data while comparable to the legacy information 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 DESCRIPTION

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

ASOS\_AWOS\_ID – Weather System Identifier. Unique 3-4 character alphanumeric identifier.

ASOS\_AWOS\_TYPE – Weather System Type.

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

CITY – Weather System associated City Name.

COUNTRY\_CODE - Country Code Weather System is Located.

COMMISSIONED\_DATE – Decommissioned Weather systems are not included so Dates given are for Commissioning Dates.

NAVAID\_FLAG – Weather associated with NAVAID – Y/N Flag.

LAT\_DEG – Weather System Latitude Degrees

LAT\_MIN – Weather System Latitude Minutes

LAT\_SEC – Weather System Latitude Seconds

LAT\_HEMIS – Weather System Latitude Hemisphere

LAT\_DECIMAL – Weather System Latitude in Decimal Format

LONG\_DEG – Weather System Longitude Degrees

LONG\_MIN – Weather System Longitude Minutes

LONG\_SEC – Weather System Longitude Seconds

LONG\_HEMIS – Weather System Longitude Hemisphere

LONG\_DECIMAL – Weather System Longitude in Decimal Format

ELEV – Weather System Elevation (Nearest Tenth of a Foot)

SURVEY\_METHOD\_CODE – Weather System Location Determination Method

E - ESTIMATED

S - SURVEYED

PHONE\_NO – Weather System Telephone Number

SECOND\_PHONE\_NO – Weather System Second Telephone Number

SITE\_NO – Landing Facility Site Number when Weather System Located at Airport.

SITE\_TYPE\_CODE – Landing Facility Type Code when Weather System Located at Airport.

CODE FACILITY

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A AIRPORT

B BALLOONPORT

C SEAPLANE BASE

G GLIDERPORT

H HELIPORT

U ULTRALIGHT

REMARK – Remark associated with Weather System.