

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.