

Hydro-Climatic Data Network (HCDN)

Description of HCDN Stations Data File

There is one record (line) for each station in the data file.

Column Names	Format / Units	Description / Codes
region	"1" "16"	The first two digits of the HUC specify the Water Resources Council region. See HUC_code.
stat_num	"1010000"	Station number - the 8 digit station number uniquely identifying the station.
stat_name	"ST. JOHN RIVER AT NINEMILE BRIDGE, ME"	Station name - the 48 character name of the station.
HUC_code	"1010001" (Region=1) "16030001" (Region=16)	Hydrologic Unit Code (HUC). The first two digits of the HUC specify the Water Resources Council region. The data, if any, for this station will be found in a sub-directory based on these first two digits of the HUC.
drain_area	mi^2 (square mile)	Drainage area in square miles.
t_scale	"D"	Time Scale - a one character code which indicates the shortest time scale at which the data is suitable for use in climatic analysis.
		D - Values at any time scale are suitable. Daily, monthly, and annual values are provided.
		M - Only monthly or longer term values are suitable; however, daily, monthly, and annual values are provided.
		N - No data is suitable and no data is provided.
record	"E"	Portion of record - a one character code which indicates whether the entire gaged record, or only a subset of it, is suitable for use in climatic analysis. No record after WY1988 has been examined for inclusion in the HCDN. The WYEARS.DAT file shows the water years for which data is provided.
		E - The entire period of record, but not after WY1988, is suitable and provided.
		P - Only part of the gaged record is suitable and provided.
		N - No data is suitable and no data is provided.
c_lines	"3"	Number of lines of comments for this station in the COMMENTS.DAT file. This count does not include the initial line giving the station name.
district	"ME"	District - the two character abbreviation of the USGS Water Resources Division District which services the gaging station. See the STATES.DAT file for a list of these abbreviations.
state	"ME"	State - the two character abbreviation of the state in which the gaging station is located. See the STATES.DAT file for a list of these abbreviations.
county	"3"	County - the code number of the county in which the gaging station is located. See Federal Information Processing Standards Publication (FIPS PUBS) 6-3 for a list of these codes.
lat_N	"470414N"	Latitude of the gaging station in the form DDMMSS where D is degrees, M is minutes, and S is seconds. N for Northern Hemisphere of the latitude.
lat_dd	decimal degrees	Latitude of the gaging station in decimal degrees.

long_W	"0690451W"	Longitude of the gaging station in the form DDDMMSS. W for Western Hemisphere of the longitude.
long_dd	decimal degrees	Longitude of the gaging station in decimal degrees. West longitude is negative by convention.
datum	feet	Datum - an arbitrary reference point generally corresponding to the elevation of the gaging station in feet above the National Geodetic Vertical Datum of 1929. A value of -99.00 indicates a missing value.
NC_area	% (percent)	Non-contributing drainage area in percent of drainage area. See drain_area.
BI	"B"	Benchmark indicator - B if the station is a Benchmark station, blank otherwise.
CCI	"C"	Current Conditions indicator - C if the station is a Current Conditions station, blank otherwise.

Conversion factors:

Multiply feet by 0.3048 to obtain meters.

Multiply square miles by 2.590 to obtain square kilometers.

Selected HCDN stations extracted from STATIONS.DAT file, Version 1.0, 1 Sep 92.