

Table 1: Format of CONFRRM Solar Data Files*

Parameter Name	Format		Sites Listing This Parameter**
	FORTTRAN	C	
Year	I	%d	All
Month	I	%d	All
Day	I	%d	All
Hour	I	%d	All
Minute	I	%d	All
Global Horizontal Irradiance (GHI1), PSP	F	%f	All
GHI1 Flag	I	%d	
Direct Normal Irradiance (DNI)	F	%f	AU, BS, CL, CN, EC, ED, EP, FS, MV, ST
DNI Flag	I	%d	
<u>Diffuse Horizontal Irradiance (DHI)</u>	F	%f	All
DHI Flag	I	%d	
Global Horizontal Irradiance (GHI2), LI-COR	F	%f	AU, CL, CN, ED, EP, FS, ST
GHI2 Flag	I	%d	
Air Temperature	F	%f	AU, CL, CN, EC, ED, EP, FS, ST
Air Temperature Flag	I	%d	
Relative Humidity	F	%f	AU, CL, CN, EC, ED, EP, ST
Relative Humidity Flag	I	%d	
Wind Speed	F	%f	EC, ST
Wind Speed Flag	I	%d	
Wind Direction	F	%f	EC, ST
Wind Direction Flag	I	%d	
Peak Wind Speed	F	%f	EC
Peak Wind Speed Flag	I	%d	
Pressure	F	%f	EC, FS
Pressure Flag	I	%d	
Rainfall	F	%f	FS
Rainfall Flag	I	%d	
Data Logger Temperature	F	%f	EC

Data Logger Temperature Flag	I	%d	
Battery Voltage	F	%f	AU, CL, CN,
Battery Voltage Flag	I	%d	EC, ED, EP, ST

NOTES:

* See Table 2 for the order in which the parameters appear in the files for each site.

** Sites are represented here by two-letter codes also used to name the files:

- AU - University of Texas at Austin, Austin, Texas
- BC - Bethune-Cookman College, Daytona Beach, Florida
- BS - Bluefield State College, Bluefield, West Virginia
- CL - NASA, Clear Lake, Texas
- CN - Canyon, Texas
- EC - Elizabeth City State University, Elizabeth City, North Carolina
- ED - University of Texas, Pan American, Edinburg, Texas
- EP - University of Texas at El Paso, El Paso, Texas
- FS - Florida Solar Energy Center, Cocoa, Florida
- MV - Mississippi Valley State University, Ita Bena, Mississippi
- SS - Savannah State College, Savannah, Georgia
- ST - Southwest Technology Development Institute, Las Cruces, New Mexico