

## AZMET NORMAL FILES

## DESCRIPTION OF COMMA DELIMITED ASCII TEXT FILE FORMAT

AZMET's Normal data files in comma delimited ASCII text file format provide the same data as the "ready-to-use" normal pdf files but eliminate the column titles, text definitions, and the summary statistics for the month. These files are designed for use with spreadsheets and database software and summarize the normal (average) conditions for each day of the year on one line. For a given date, each data value is separated by a comma (the delimiter). A carriage return-line feed character sequence follows the last data point on each line. The format for the English and metric unit files is the same -- just the units change. Details on the format and units are provide below.

All normal data are provided using the format presented below. The string of numbers separated by commas (large font) represents an actual set of normals (metric) for a day. The smaller numbers associated with the slash characters simply identify the 15 parameters in the normal data set (they will not appear in the file). The 15 parameters in the normal data files and the units associated with each parameter are provided in the table on the next page.

<u>41</u>	<u>20</u>	<u>4</u>	<u>12</u>	<u>81</u>	<u>26</u>	<u>53</u>	<u>-1</u>	<u>14.5</u>	<u>11</u>	<u>1.9</u>	<u>2</u>	<u>87</u>	<u>3.1</u>	<u>0.33</u>
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

<b>Parameter Number</b>	<b>Parameter</b>	<b>Metric Units</b>	<b>English Units</b>
<b>1</b>	Day of Year		
<b>2</b>	Maximum Temperature	Degrees C	Degrees F
<b>3</b>	Minimum Temperature	Degrees C	Degrees F
<b>4</b>	Average Temperature	Degrees C	Degrees F
<b>5</b>	Mean Relative Humidity	%	%
<b>6</b>	Minimum Relative Humidity	%	%
<b>7</b>	Mean Relative Humidity	%	%
<b>8</b>	Mean Dew Point Temperature	Degrees C	Degrees F
<b>9</b>	Solar Radiation	MJ/m*m/Day	Langleys/Day
<b>10</b>	Mean Soil Temperature, 10 cm	Degrees C	Degrees F
<b>11</b>	Mean Wind Speed	Meters/Second	Miles/Hour
<b>12</b>	Heat Unit Accumulation/Day	Degree C-Days Thresholds: 30E & 12.8EC	Degree F-Days Thresholds: 86E & 55EF
<b>13</b>	Heat Unit Accumulation Since 1 Jan.	Degree C-Days Thresholds: 30E & 12.8EC	Degree F-Days Thresholds: 86E & 55EF
<b>14</b>	Reference Evapotranspiration	Millimeters	Inches
<b>15</b>	Mean Precipitation For Day*	Millimeters	Inches

\* Note! Mean precipitation for the day is provided to allow computation of precipitation totals over selected time periods such as a week, month, or year. This parameter is computed by summing the total precipitation reported on a given day over the period of record and then dividing by the number of years in the record.