

The data in this directory are 5-min soil temperature raw data obtained from Campbell Scientific C107 Temperature sensors during the International H2O Project 2002 (IHOP) at nine NCAR/IHOP surface stations

FILE NAME:

WPtemp_x

x numeric value indicating the profile number.

Each profile is associated with a specific study site as follows(see : <http://www.rap.ucar.edu/projects/land/IHOP/Stations/installation.htm> for more details)

x	Station site
1	6
2	8
3	4
4	3
5, 7, 11	1
6	2
8, 9 , 13	9
10	7
12	5

FIELD NAME

Y Year of Study formatted as yyyy

M Month of Year formatted as mm

D Day of Month formatted as dd

HHMMSS The time of the measurement in CDT (GMT - 5)

The: formatting is as follows:

HH: the hour according to 24 hour time

MM: the minutes

SS: the seconds

WPtemp.ly.px The temperature values (degree Celsius)

y Indicates the number of depth of the measurement from :1 to 6. The following shows the soil depth corresponding to each of these layers up to layer 5, and the deepest layer depth for each soil profile are documented in <http://www.rap.ucar.edu/projects/land/IHOP/Stations/installation.htm>

y depth

- | | |
|---|------------------|
| 1 | 7.5 cm |
| 2 | 15 cm |
| 3 | 22.5 cm |
| 4 | 37.5 cm |
| 5 | 60 cm |
| 6 | deepest possible |

x Indicates, the profile number as it does in the file name.

ADDITIONAL INFORMATION

NA No value measured.