

The data in this directory are 5-min volumetric soil moisture content data obtained from Decagon Devices Inc. ECH2O sensors during the International H2O Project 2002 (IHOP) at nine NCAR/IHOP surface stations

FILE NAME:

Qsp_x

x Numeric value indicating the profile number.

Each profile is associated with a specific study site as follows:

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

See : <http://www.rap.ucar.edu/projects/land/IHOP/Stations/installation.htm> for more details

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
Qsp.ly.px	The volumetric soil moisture content (%)
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.
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ADDITIONAL INFORMATION

NA	No value measured.
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