

# GLOBE

## Setting up your Davis Station to report to GLOBE

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# Setting up your Davis Station to GLOBE using weatherlink IP

- What equipment do I need?
- What do I do on the Davis site?
- What do I do on the GLOBE site?
- How do I know it works?

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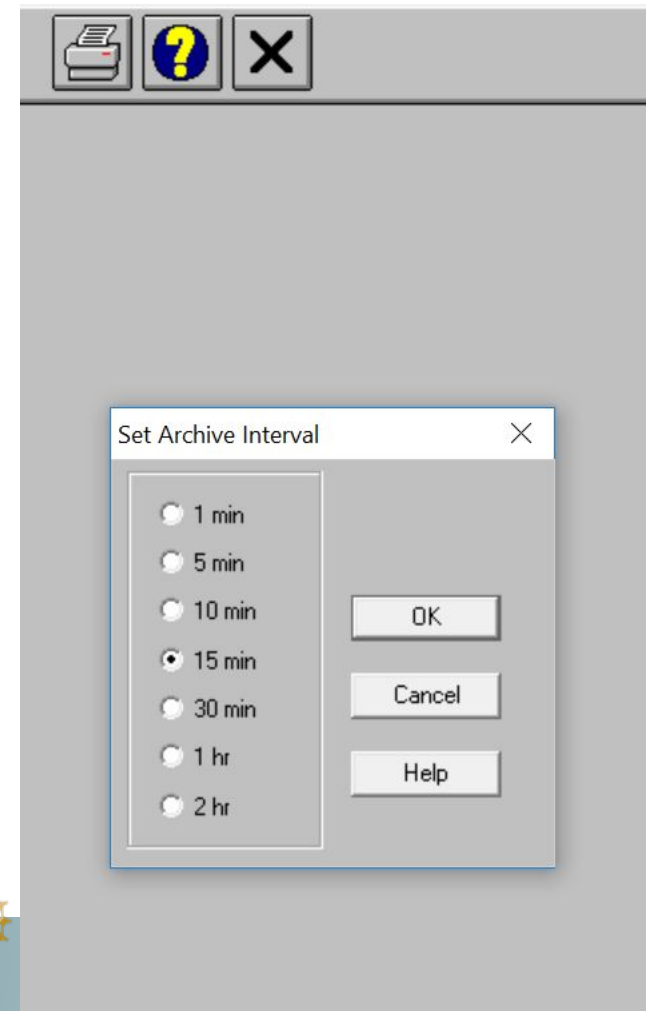
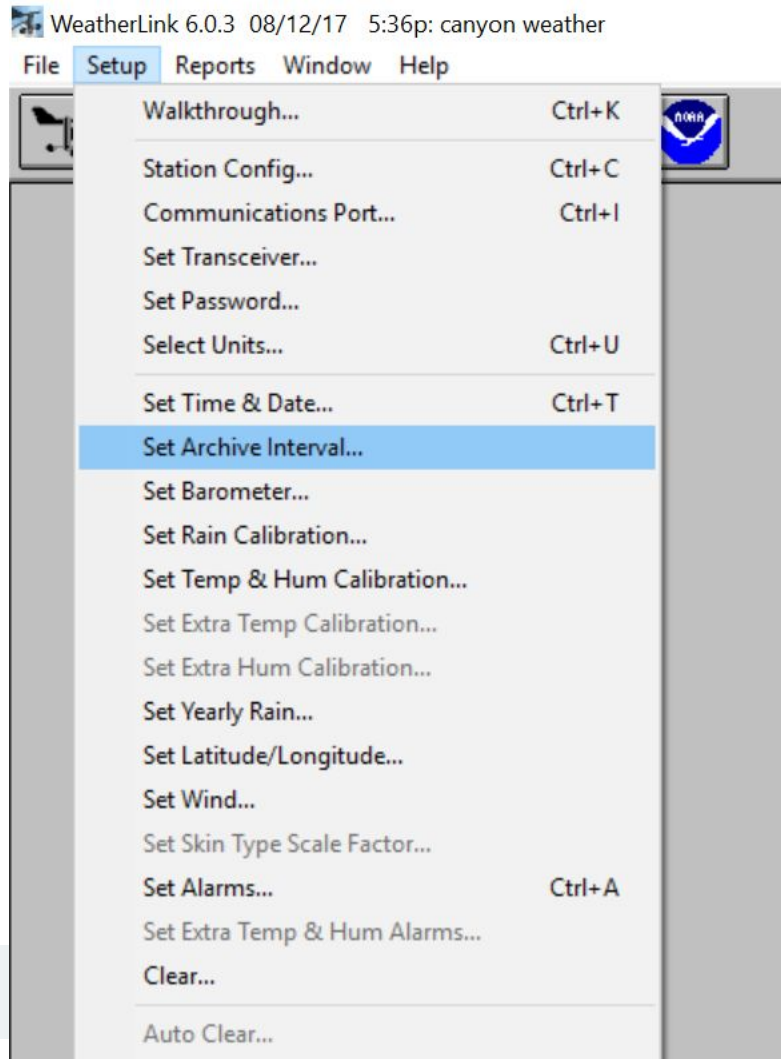
# Equipment and configuration needed at your site

- Davis Weather station (like a Vantage Vue or Pro2)
- Davis WeatherlinkIP – allows data to move from your console to the Internet directly (without a PC)
  - Comes with Weatherlink software for your Mac or PC

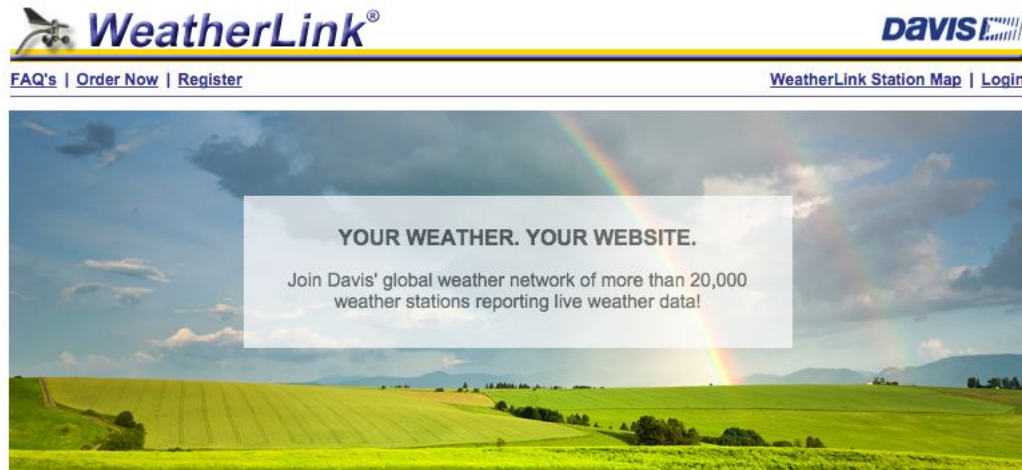
# Connect WeatherlinkIP to your console and router



Launch Weatherlink Software and set your archive interval to 15 minutes (GLOBE requirement)



# Go to the Weatherlink Home page and Register under WeatherLinkIP



## THREE WAYS TO JOIN



### WeatherLinkIP

Post your weather data directly to the internet without a PC! Not a web guru? Don't worry—WeatherLinkIP does all the work for you.

[Register](#)

[Learn More](#)



### Vantage Connect

Remote weather data, versatile integration. Cellular-based, solar-powered unit sends remote weather station data to the Internet.

[Register](#)

[Learn More](#)



### WeatherLink Network Annual Subscription


Turn your Davis weather station with a WeatherLink data logger into a station reporting on the WeatherLink Network!

[Register](#)

[Learn More](#)



# Setup your user account – enter the DID and Key from your WeatherLinkIP device

 **WeatherLink**<sup>®</sup>

**DAVIS**<sup>®</sup>

[FAQ's](#) | [Order Now](#) | [Register](#)

[WeatherLink Station Map](#) | [Login](#)

New WeatherLinkIP Account Registration

If you already have your WeatherLinkIP, enter the Device ID (DID) and Key Code found on the side of the Ethernet connector to create a new account.

**Before you get started:**

- You must connect your WeatherLinkIP to your router and verify operation before you can create an account with your Device ID.

Please review the license terms before registering on WeatherLink.com.

### Davis Instruments Corp.: Terms of Use

Last Updated: December 12, 2007

Welcome to the Davis Instruments Corp. ("Davis") website. Please review the following basic terms that govern your use of and purchase of additional services from our website. Please note that your use of our website constitutes your agreement to follow and be bound by these terms (the "Agreement"), as well as the terms set forth in our Privacy Policy. **If you do not agree to all of these terms, please do not use the website.**


#### GENERAL

We may from time to time change the terms that govern your use of our website. You can tell if the Terms of Use have changed by checking the revision date that appears at the top of the Terms of Use. Your use of our website following any such change constitutes your agreement to follow and be bound by the terms as changed.


[Print agreement](#)

I have read, understand and agree to all of the terms in the Davis Instruments Terms of use and by choosing the "I agree" option, I am signing the agreement.

☒ I Agree ☐ I Disagree

DID: 

The DID (Device ID) only consists of numbers 0 through 9 and letters A through F!

Key: 


Username:


Can contain lowercase letters and numbers.  
Your Username will be publicly visible in your web address:  
"www.weatherlink.com/user/**YourUserName**".  
Please choose your Username carefully..

Password:

Must be 4-16 characters

# Enter additional account information

 **WeatherLink**<sup>®</sup>

**DAVIS**

[My Account](#) | [Email Settings](#) | [Uploads](#) | [FAQ's](#)

[My Weather](#) | [Summary](#) | [Map](#) | [Logout](#)

Your account has been created! Please complete additional account information below.

**My Account Information**

User Name: doveroye [Change Username](#)

Station URL: <http://www.weatherlink.com/user/doveroye>

Email Address:

Town/City:

State/Province:

Country:

Time Zone:

☒ Daylight savings is observed at this location

Latitude / Longitude: (34.1, -117.7)  
[Set using map or address](#)

Elevation:  ☒ Feet ☐ Meters

Station Name:  Please enter a Name/Description for your Station

Station Type:  NOTE: Select a Plus station type if you have a Solar or UV sensor

Station Usage:  Please select the usage environment for your Station

☐ Display 24 hour time

☐ Keep "My Weather" private so Login is required to view

**Save & Continue**



# Setup GLOBE Atmosphere site as a “Davis Instrument”

## Write down the “Site ID” at the top of the form

**Add site type****Atmosphere**

- ☒ Atmosphere
- ☐ Surface Temperature

**Hydrosphere**

- ☐ Hydrology

**Biosphere**

- ☐ Land Cover
- ☐ Greening
- ☐ Phenological Gardens
- ☐ Lilacs

**Pedosphere**

- ☐ Frost Tube
- ☐ Soil Characterization
- ☐ Soil Moisture and Temperature

**Photos →**

Obstacles (trees, buildings, etc. that appear above 14 degrees elevation angle when view

Buildings (within 10 meters of the instrument shelter)



Slope Angle

Rain Gauge Height

Ozone Clip Height

Thermometer Height

 **Thermometers**

Liquid-filled Maximum/Minimum Thermometers - GLOBE no longer recommends the U tube thermometer for recording maximum and minimum air temperatures. The thermometer magnet for resetting the floats becomes demagnetized and/or the floats stick in the tube. GLOBE encourages the use of a digital maximum/minimum thermometer for these air temperature measurements. If you are currently using a U-tube thermometer please consider replacing it with a digital model.

Thermometer Type: \*

Davis Thermometer Type

Site Name \*

ATM- Davis Station #2

Site ID 12345

# Select Uploads, check the GLOBE box and enter your school and site information



Please select the sites to which you wish to upload

CWOP

☐ CWOP (The Citizen Weather Observer Program)

The field for Organization ID is labeled **School ID** for legacy reasons.

Note: Data for HAM users with a valid callsign and passcode is sent to 'rot'

GLOBE

☒ GLOBE (Global Learning and Observations to Benefit the Environment)  
GLOBE requests your data interval be set at 15 minutes.

School ID:

Site ID:

Weather Underground

☐ Weather Underground

Station ID:

Password:

[Reset Form](#)

[Update Settings](#)

For example fill out the form with the format like this:

**School ID:** ORG\_ID:12345678

**Site ID:** SITE\_ID:12345


Information on locating ORG\_ID is available at the following URL:

<https://www.globe.gov/support/faqs/globe-website-tutorials/school-id#orgid>

Information on locating SITE\_ID is available at the following URL:

<https://www.globe.gov/support/faqs/globe-website-tutorials/site-id>

# Check to see if your station is reporting to Davis


**WeatherLink®**


[My Account](#) | [Email Settings](#) | [Uploads](#) | [FAQ's](#)
[My Weather](#) | [Summary](#) | [No Headers](#) | [Map](#) | [Logout](#)

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**WeatherLink® Network**

**Canyon Weather**

<b>75°</b>	<b>HIGH 75°F</b>	at 10:18 AM
	<b>LOW 74°F</b>	at 10:13 AM
<b>Wind</b>	<b>Calm</b>	High Gust 7 Mph at 10:04 AM
<b>Humidity</b>	<b>68%</b>	Feels Like 76°F
<b>Rain</b>	<b>0.00"</b>	Seasonal Total 0.05"
<b>Barometer</b>	<b>29.51"</b>	Steady

**Current Conditions as of 10:47 AM Saturday, August 12, 2017**  
Vantage Pro data via WeatherLinkIP


View page units as: Station Defaults

Once per day, your data is sent from Davis to GLOBE. You will receive an email indicating success or failure every day

- GLOBE Automatic Email Processor Response

**Email Data Entry** <no-reply@globe.gov>

Aug 15 at 3:35 PM

To: doveroye@yahoo.com

GLOBE Automatic E-Mail Data Entry Processor ([data@globe.gov](mailto:data@globe.gov))

PLEASE NOTE: instructions have been enhanced to support the latest features of the new GLOBE website and Data Entry.

Complete instructions for Email Data Entry can found at

<http://www.globe.gov/documents/10165/0/GLOBE+Email+Data+Entry+Instructions.html>

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Thank you for entering your GLOBE data! Please review the data you entered below. Any records followed by an error message were NOT accepted by the system and need to be corrected and resubmitted before the data can be entered in the GLOBE database (for a faster response, only resubmit corrected lines). Lines that are not followed by an error message were accepted and stored in our database (and do not need to be resubmitted). If you have further questions, please contact your Country Coordinator, or the GLOBE Help Desk at [help@globe.gov](mailto:help@globe.gov)  
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Date Received: Tue Aug 15 22:34:41 GMT 2017

94 measurements processed successfully.

DAVAD ORG\_ID:12345678site\_id:12345 201708141545 29.1 46 1.8 NW 4.5 WSW 1.61 0.00 0.0 997.2



See your data on vis – you need at least 93 measurements/day to see all air temp options

