

KTA-382 Cloud Configuration Procedure

This document details the steps required to configure the default cloud upload for the KTA-382 and its variants.

The KTA-382 has an optional cloud upload capability upon request from Ocean Controls.

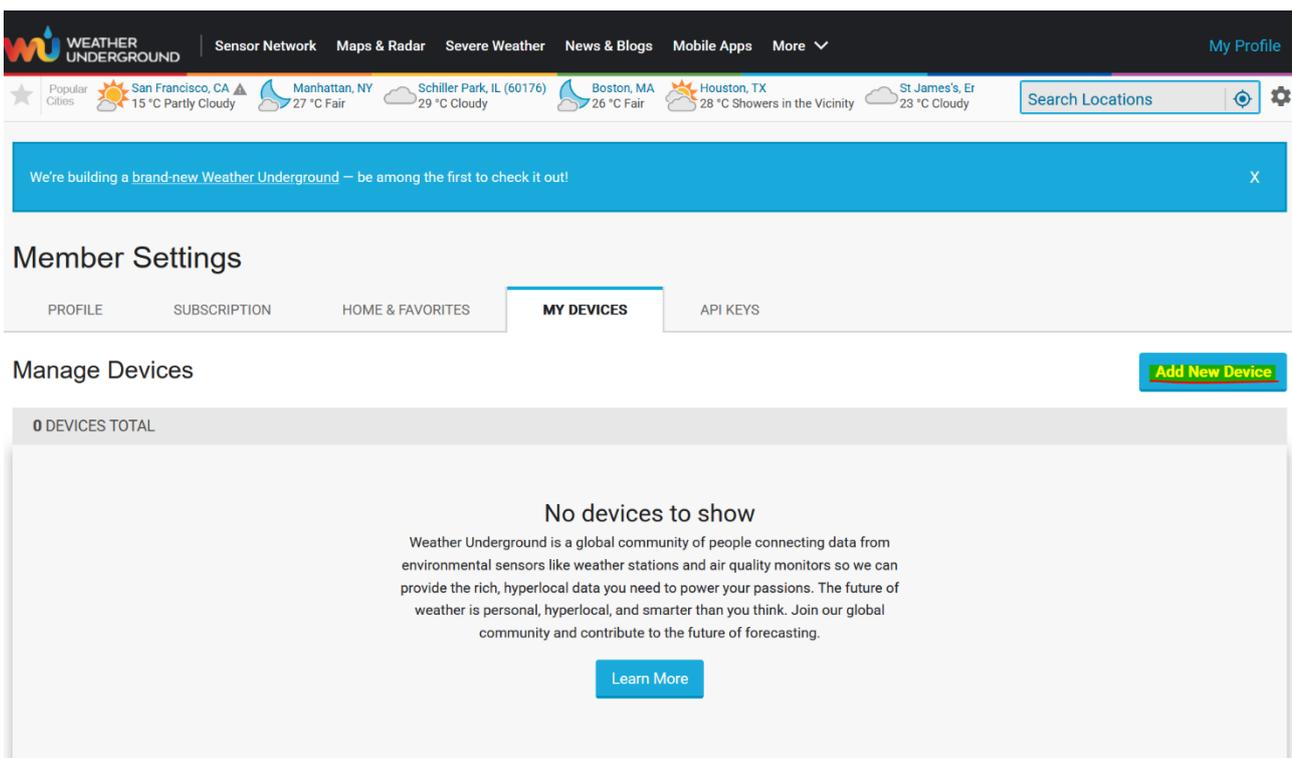
There is an extra \$75AUD + GST Fee for this functionality, added to the base price of the KTA-382. You are welcome to upgrade your unit at any time post purchase.

If you have a KTA-382 with cloud capability, it will upload to Weather Underground (<https://www.wunderground.com/>) by default. It can also upload to custom clouds upon request. Custom clouds will involve a separate fee.

1. Navigate to <https://www.wunderground.com/> and make an account. You needn't pay for a subscription.
2. Once signed in, navigate to 'My Profile' > 'My Devices'.



3. Once in 'My Devices', you can add new device.



- Follow the steps to set up your personal weather station (PWS). Davis hardware is included on Weather Underground.
- Upon successful addition of a PWS, your 'My Devices' section will now have the new device and its credentials. We need to use these credentials to configure the KTA-382.

Member Settings

PROFILE SUBSCRIPTION HOME & FAVORITES **MY DEVICES** API KEYS

Manage Devices Add New Device

1 DEVICES TOTAL

Name	Location	Status	ID	Key	Type	Manage
Ocean Controls PWS	Melbourne (Carrum Downs), AU	Offline	IMELB058	w79Fpjm	PWS	Edit Delete Copy credentials

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- To connect to the KTA-382 webpage you can attach it to an ethernet network or hold the onboard button down for 3s for WiFi AP mode. More details on how to access the webpage are available in the manual. **Default ethernet IP is 192.168.101, default WiFi IP is 192.168.1.100.**
- Once on the webpage, navigate to Cloud/Weatherlink Settings tab. Here you can input the PWS ID and key.


Monitoring Units Configurations Cloud/Weatherlink Settings Firmware: 1.1 / Server: 1.0

Wunderground Config

PWS ID:

PWS Key:

SUBMIT

Submit your PWS details

Weatherlink API Config

API Key:

API Secret:

Gateway ID:

Download Interval (Seconds):

SUBMIT RESET

Submit your API details

8. There are several ways to verify if you have configured this correctly.
 - a. The main webpage has 'Cloud Upload Status'. Any message other than 'SUCCESS' includes the HTTP error code. This can be used to check the issue. i.e. code 401 means invalid ID or Key, 404 means no PWS found etc... More details [here](#).


Monitoring Units Configurations Cloud/Weatherlink Settings
Firmware: 1.1 / Server: 1.1

KTA-382 Modbus Gateway for Davis Weatherstation

Real-time Data

Weatherstation Comm Status: SUCCESS

Cloud Upload Status: SUCCESS

Barometer: 0 inHg

Inside Temperature: 13.4°C

Outside Temperature: 1802.6°C

Wind Speed: 7 miles/hour

Wind Direction: 38°

Instantaneous Rain Rate: 0 inch

- b. Your Wunderground dashboard will also indicate if any data has been uploaded and at what time. **Note that any '0' reading means the sensor either isn't present or is in error state.** -17.8C for example is 0F, meaning temperature sensor isn't present.

Station Summary

● Online(updated 9 seconds ago)

CURRENT CONDITIONS

-17.8

°C

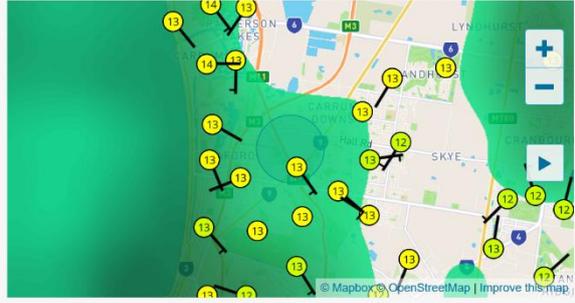
Feels Like -25.0 °



WIND & GUST
11.3 / --km/h

DEWPOINT 123.9 °C	PRECIP RATE 0.00 mm/hr	PRESSURE 0.00 hPa
HUMIDITY 0 %	PRECIP ACCUM 0.00 mm	UV 0

MAP



View WunderMap

PWS CURRENT CONDITIONS

TEMPERATURE

CURRENT
-18°

DEWPOINT
123.9 °C

HUMIDITY
0 %

WIND

11.3

WIND FROM
NE

GUST
--

PRESSURE



CURRENT
0.00 HPa