

How to access Conviron Growth Chamber data logs

- Open your web browser and go to:
<http://10.199.24.15:9001/>
- NOTE: If trying to access the chamber from outside the University you must install the Cisco VPN client software and also have a valid IT account. For instructions and software go to:
<http://www.adelaide.edu.au/technology/yourservices/network/remotearchive/>

- The following should appear.

001 -PGC20-RI.1	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
22.8	47	0	423

002 -PGC20-RI.2	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
22.8	48	2	333

003 -PGC20-RI.3	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
22.9	49	4	367

004 -PGC20-RI.4	OK		
TEMP	HUM	LIGHT	CO2
37.8	0	716	0
37.8	44	715	195

005 -PGC20-RI.5	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
23.8	85	0	315

006 -PGC20Fx-RI.6	OK		
TEMP	HUM	LIGHT	CO2
25.0	0	300	0
25.0	52	300	337

007 -PGC20Fx-RI.7	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
22.4	50	4	363

008 -BDW80-WI.1	OK		
TEMP	HUM	LIGHT	--
--	--	--	--
20.3	60	-3	--

009 -BDW120-WI.2	OK		
TEMP	HUM	LIGHT	--
--	--	--	--
22.1	58	2	--

010 -MTPS216-WI.3	OK		
TEMP	HUM	LIGHT	--
21.2	51	113	--
21.0	63	199	--

011 -MTPS216-WI.4	OK		
TEMP	HUM	LIGHT	CO2
21.7	51	119	0
22.0	67	207	423

012 -BDW120-WI.5	OK		
TEMP	HUM	LIGHT	--
27.6	70	716	--
27.5	70	715	--

013 -BDW120-WI.6	OK		
TEMP	HUM	LIGHT	CO2
--	--	--	--
20.1	72	2	348

- Select the required chamber by clicking the blue link.

To view temperature, humidity, light, CO2 data:

Convicon Central Management Web Reports

Chamber 010 - MTPS216-WI.3

[Alarm History](#) [Log History](#) [Trend Graph](#) [Service History](#) [Download Data](#)

Current Status Last Updated: 4/20/2011 2:40:55 PM
Alarm Status: OK

Name	Set Point	Value
TEMP	20.9	21.1
HUM	51	56
LIGHT	95	199

Recent Alarms:

Folders
[All Chambers](#)
[Active Alarms](#)

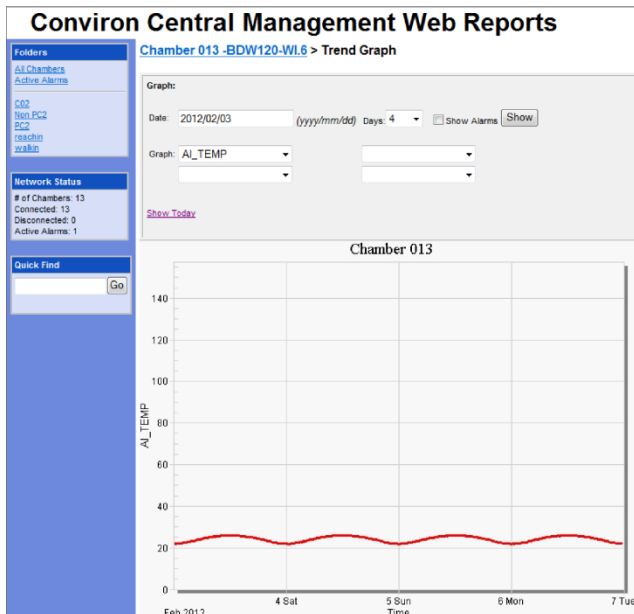
CO2
[Non PC2](#)
[PC2](#)
[reachin](#)
[availin](#)

Network Status
of Chambers: 13
Connected: 13
Disconnected: 0
Active Alarms: 0

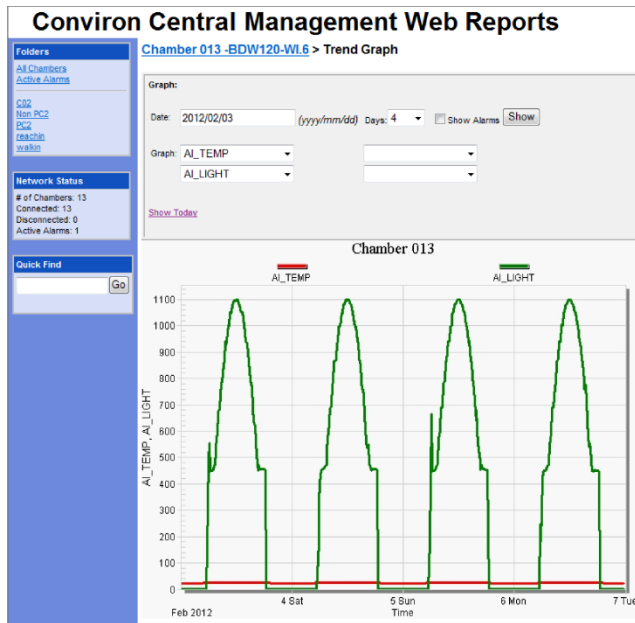
Quick Find

Click 'Trend Graph'.

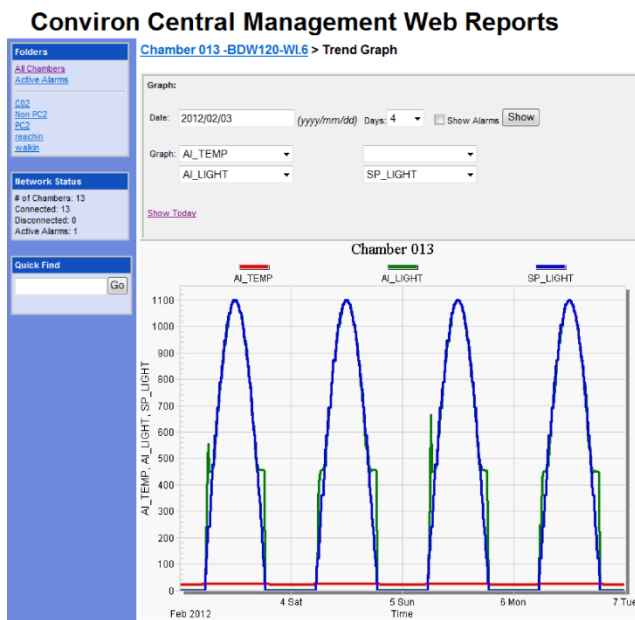
- To report can display four different graphs at a time. Note the following graph definitions:
 - AI_TEMP= chamber temperature in degrees celcius
 - SP_TEMP=set temperature in degrees celcius
 - AI_HUM= chamber humidity in % RH
 - SP_HUM=set humidity in %RH
 - AI_LIGHT=chamber light in umole/m2/sec
 - SP_LIGHT=set light in umole/m2/sec
 - AI_CO2= chamber CO2 level in PPM
 - SP_CO2=set CO2 level in PPM
- Select the required graphs, number of days required, date of the first days data.
- Click 'Show'.
- The following example shows the chamber temperature over four days



- The following example shows the chamber temperature and light over four days



- The following example shows the chamber temperature, light and SP_LIGHT over four days



To download temperature, humidity, light, CO2 data:

- Click 'download data'

Convicon Central Management Web Reports

Chamber 010 - MTPS216-WI.3

Alarm History Log History Trend Graph Service History Download Data

Current Status Last Updated: 4/20/2011 2:40:55 PM
Alarm Status: OK

Name	Set Point	Value
TEMP	20.9	21.1
HUM	51	56
LIGHT	95	199

Recent Alarms:

- Enter the dates you are interested in

Convicon Central Management Web Reports

Chamber 010 - MTPS216-WI.3 > Download Data

Data Download:

Start Date: 2011/04/12 (yyyy/mm/dd)

End Date: 2011/04/20 (yyyy/mm/dd)

Log Data

Format: Comma Delimited

Download

Make sure the other fields are as shown above. Click 'Download'

- The following will appear

Convicon Central Management Web Reports

Chamber 010 - MTPS216-WI.3 > Download Data

Data Download:

Start Date: 2011/04/12 (yyyy/mm/dd)

End Date: 2011/04/20 (yyyy/mm/dd)

Log Data

Format: Comma Delimited

Download

File Download

Do you want to open or save this file?

Name: 010-20110412-20110420.csv
Type: Microsoft Office Excel Comma Separated Values ...
From: 18.199.24.15

Open Save Cancel

While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. What's the risk?

In the File Download window click 'Open'

- The next window that appears has a lot of information that may not be required. The columns that are important are shown below:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	CCSDate	CCSTime	DATE	TIME	AI_TEMP	SP_TEMP	AI_COIL_T_AO_HMVLA	AI_HUM	SP_HUM	HUM_ADC_AO_DEHU	DO_DEHU	AI_LIGHT	SP_LIGHT	AO_LIGHT	AI_CO2		
2	#####	11:08 PM	#####	0:00:10	17.8	18	18.8	52	63	60	0	29	1	2	0	0	420
3	#####	11:08 PM	#####	0:00:28	18	18	19.3	45	63	60	0	30	1	2	0	0	420
4	#####	11:08 PM	#####	0:00:46	18.2	18	18.8	47	63	60	0	30	1	2	0	0	416
5	#####	11:08 PM	#####	0:01:04	17.9	18	18.8	58	63	60	0	30	1	2	0	0	412
6	#####	11:08 PM	#####	0:01:22	17.8	18	19	51	63	60	0	30	1	2	0	0	416
7	#####	11:08 PM	#####	0:01:40	18.1	18	19	47	63	60	0	30	1	2	0	0	416
8	#####	11:08 PM	#####	0:01:58	18.2	18	18.8	47	62	60	0	30	1	2	0	0	423
9	#####	11:08 PM	#####	0:02:16	17.8	18	18.8	53	63	60	0	30	1	2	0	0	416
10	#####	11:08 PM	#####	0:02:34	17.9	18	19.2	46	63	60	0	30	1	2	0	0	416
11	#####	11:08 PM	#####	0:02:52	18.2	18	18.8	46	63	60	0	30	1	2	0	0	420
12	#####	11:08 PM	#####	0:03:10	18.1	18	18.8	50	62	60	0	30	1	2	0	0	420

-

TIME= chamber time

AI_TEMP= chamber temperature in degrees celcius

AI_HUM= chamber humidity in % RH

AI_LIGHT=chamber light in umole/m2/s

AI_CO2= chamber CO2 level in PPM

- Save the Excel file if required. Close Excel
- To download another chamber log click 'All Chambers' and repeat the steps above

Convicon Central Management Web Reports

Chamber 011 -MTPS216-WI.4 > Download Data

Data Download:

Start Date: (yyyy/mm/dd)

End Date: (yyyy/mm/dd)

Log Data

Format:

Quick Find