

# WeatherMation LIVE

## Forecasting

Version 2.0

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**Envirodata Australia Pty Ltd**

**42-44 Percy Street Warwick**

**Queensland 4370 Australia**

**Phone: (07) 4661 4699**

**Fax: (07) 4661 2485**

**International Phone: +61 7 4661 4699**

**International Fax: +61 7 4661 2485**

**Email: [sales@envirodata.com.au](mailto:sales@envirodata.com.au)**

<http://www.envirodata.com.au>

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## Introduction

Envirodata's WeatherMation software has been developed to download, display and respond to the weather data from your weather stations, automatically.

WeatherMation's Forecasting Module provides 72-hour weather forecasting data from a pre-selected BoM (Bureau of Meteorology) site for your convenience. This data is displayed in the WeatherMation Live website or delivered to your users via e-mail. **Please Note: your local weather station data is not used in generating these forecasts.**

Forecasts Services are based solely on Australian Bureau of Meteorology Forecasts. For further information please refer to the [BoM Terms & Conditions](#).

WeatherMation Forecast data is updated 4 times per day from the BoM. This happens at the following times:

**4:25, 10:25, 16:25 and 22:25** – these are Australian Eastern Standard Time – this would be an important consideration when selecting when to receive the forecasting e-mails.

## Using the System

Go to [www.weathermation.net.au](http://www.weathermation.net.au)

You will see the Login Page – please enter your User Name and Password that were provided to you.

You can click the “Remember Me” checkbox to remember your login details – this will mean in future; you are automatically logged into the system. **Please Note: you will need to have cookies enabled in your browser for this to work.**

Click on the Login button to access the system

(If you need to change your password, click on the ‘Reset Password’ button)

The screenshot shows the WeatherMation Login interface. At the top, there is a blue navigation bar with the 'WeatherMation Live' logo on the right and menu items: Live Data, Historical Data, Forecast Data, Tools, Help, and Login. Below the navigation bar, the main content area has a light blue background with a cloud pattern. It contains the following elements:

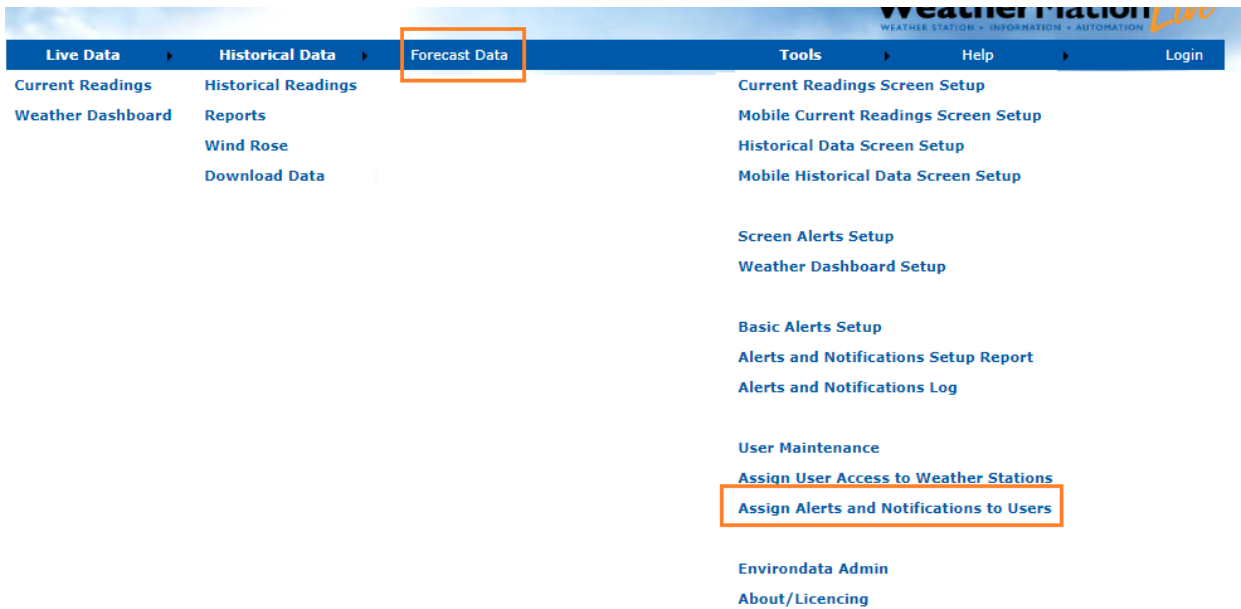
- User Name** and **Password** input fields.
- A  **Remember Me** checkbox.
- A blue **Login** button.
- A blue **Reset Password** button.

At the bottom left, there is the **Envirodata** logo with the tagline 'WEATHER STATION SPECIALISTS' and copyright text: '© Envirodata 2014 - 2020 | Disclaimer'. A link for [View Mobile Site](#) is also present.

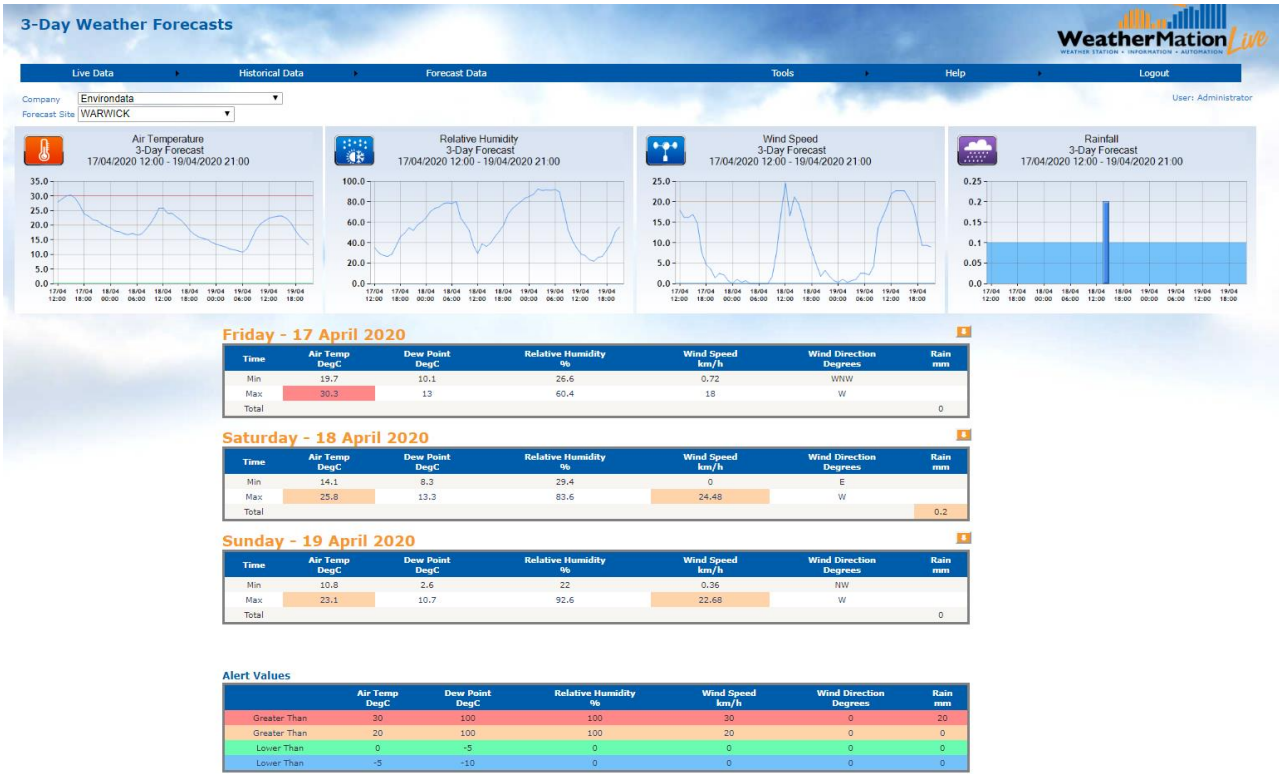
# 1. Forecasts - Specific Menu Options

- **Live Data**

- **Forecast Data** - displays the 3-Day Weather Forecast for any sites you have signed up for.
- **Assign Alerts and Notifications to Users** – Once the automated Forecast e-mail had been set-up for you, you can Assign or Un-assign it for any of your users.  
*Refer to WMA\_023\_Assigning\_Alerts.pdf for more details Assigning Alerts and Notifications to Users.*

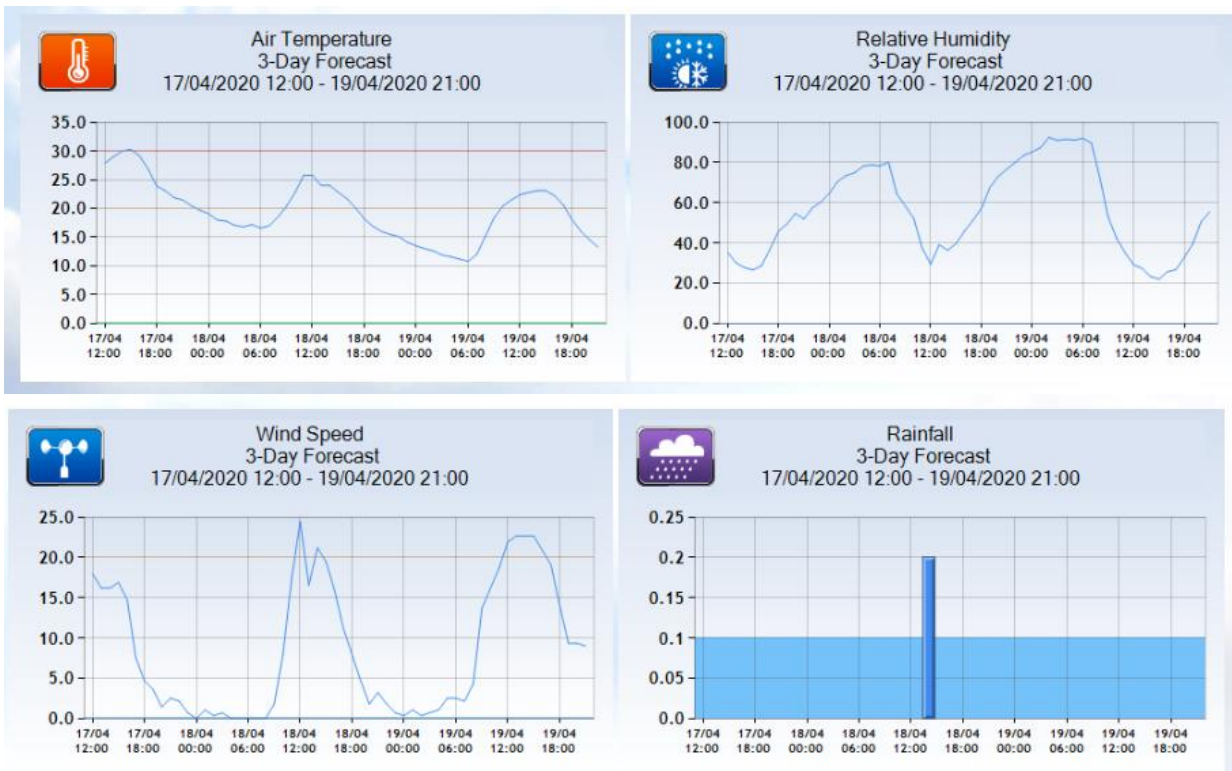



## 2. Forecast Data



The Forecast Data screen on the website gives you a quick Summary of the 72 hours forecast per site that you've signed up for.

At the top there are 4 graphs displaying Air Temperature, Relative Humidity, Wind Speed and Rainfall over the forecast period.



In the middle are the Daily Summaries, showing the minimum and maximum values for that day – you can click on the  to view the hourly forecast data for any day.

**Friday - 17 April 2020**

Time	Air Temp DegC	Dew Point DegC	Relative Humidity %	Wind Speed km/h	Wind Direction Degrees	Rain mm
Min	19.7	10.1	26.6	0.72	WNW	
Max	30.3	13	60.4	18	W	
Total						0

**Saturday - 18 April 2020**

Time	Air Temp DegC	Dew Point DegC	Relative Humidity %	Wind Speed km/h	Wind Direction Degrees	Rain mm
00:00	19.1	12.8	64.7	0	WNW	0
01:00	18	12.7	70.6	1.08	WNW	0
02:00	17.8	12.5	73.5	0.36	NW	0
03:00	17.1	12.6	75	0.72	WNW	0
04:00	16.8	12.9	78.2	0	NNW	0
05:00	17.2	13.3	78.9	0	NNE	0
06:00	16.6	12.5	78.3	0	W	0
07:00	17	13.3	80.3	0	WNW	0
08:00	18.5	11.9	64.3	0	NNE	0
09:00	20.4	11.7	58.4	1.8	N	0
10:00	22.8	12.5	52.1	7.92	WNW	0
11:00	25.8	10.5	37.4	17.28	W	0
12:00	25.8	8.3	29.4	24.48	W	0
13:00	24	9.9	39.1	16.56	WNW	0
14:00	24	8.9	36.4	21.24	WNW	0.2
15:00	22.8	8.7	39.7	19.44	W	0
16:00	21.7	9.1	45.9	15.84	WNW	0
17:00	20.1	9.6	51.3	11.16	WNW	0
18:00	18.2	11.3	57.2	7.92	NW	0
19:00	16.9	11.6	67.5	4.68	NW	0
20:00	16	12	73.2	1.8	NW	0
21:00	15.5	11.9	76.7	3.24	NW	0
22:00	15.1	11.3	80.1	1.8	WNW	0
23:00	14.1	11.3	83.6	0.72	W	0

Displayed at the bottom of the page is the Alert Values – these are the default values – but you can contact Environdata to customize these for your company, or if you have more than 1 Forecasting Site, it can be done separately for each site.

**Alert Values**

	Air Temp DegC	Dew Point DegC	Relative Humidity %	Wind Speed km/h	Wind Direction Degrees	Rain mm
Greater Than	30	100	100	30	0	20
Greater Than	20	100	100	20	0	0
Lower Than	10	-5	0	0	0	0
Lower Than	0	-10	0	0	0	0

These values are also used to highlight the values in the Forecasting e-mails.

### 3. Forecast E-mails

Envirodata can set-up Forecasting e-mails to be automatically sent to your users at specific times of the day. By default, we set-up 2 e-mail updates, however, if you contact us, we can change the times or the schedule of e-mails to suit your needs.

#### 3-Day Weather Forecast for WILLIAMTOWN



alerts@weathermation.net.au  
To Jolinda Murray

 This is the most recent version, but you made changes to another copy. [Click here to see the other versions.](#)



3-Day Weather Forecast for WILLIAMTOWN Triggered at: 17/04/2020 11:32:06

#### Summary for Friday - 17 April

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
Min	16.1	8.4	39.9	6.84	NW	
Max	26.1	13.7	77.5	22.68	WSW	
Total						0

#### Summary for Saturday - 18 April

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
Min	12.5	7.4	39.8	3.24	ENE	
Max	22.1	11.8	87.3	18.36	W	
Total						0

#### Summary for Sunday - 19 April to 21:00

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
Min	12.4	9.5	56.5	3.24	ENE	
Max	20.4	14.8	92.6	17.28	WSW	
Total						1.3

Summary Values are calculated from all the Hourly Forecast Data - Please view the website for a more detailed Hourly Forecast

### Friday - 17 April 2020

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
00:00	20.5	13.4	62.9	13.68	NNW	0
03:00	19.7	12.6	64.2	15.84	W	0
06:00	18.6	12.5	69.6	16.92	W	0
09:00	22	13.7	60.6	19.8	W	0
12:00	25.4	11.2	39.9	22.32	WSW	0
15:00	25.4	12.4	43.4	13.68	WSW	0
18:00	20.9	12.9	61	13.32	ENE	0
21:00	17.9	11.7	76.3	10.44	W	0

### Saturday - 18 April 2020

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
00:00	15.3	8	74	10.08	W	0
03:00	13.7	9.3	81.6	9.72	W	0
06:00	12.5	8.4	80.2	11.88	W	0
09:00	16.9	8.5	59.8	18.36	W	0
12:00	21.3	7.4	41.8	11.88	SW	0
15:00	21.7	8.3	42.1	14.76	S	0
18:00	17.5	11	65.3	6.48	SE	0
21:00	15.4	11.8	81.9	7.2	E	0

### Sunday - 19 April 2020

Time	Air Temp DegC	Dew Point DegC	Rel Hum %	Wind Speed km/h	Wind Dir Degs	Rain mm
00:00	13.8	10.8	86.1	6.48	WSW	0
03:00	13.7	10.7	87.5	6.48	W	0
06:00	12.4	9.6	89	9.72	SW	0
09:00	16.2	10.9	78.2	17.28	WSW	0.1
12:00	20.1	10.6	58.1	15.48	SSW	0.2
15:00	19	12.4	66.9	14.04	S	0.2
18:00	16.6	13	73.1	10.08	SSW	0.7
21:00	13.5	14.8	92.6	7.2	WSW	0.1