

# Rainfall

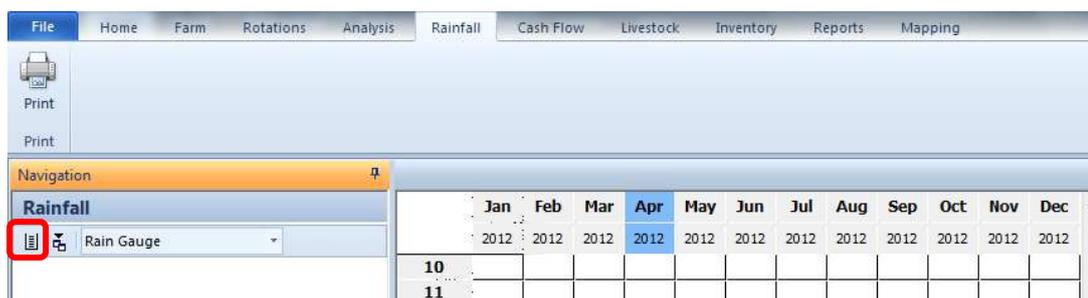
Recording Rainfall is an easy function to setup and maintain in Adviser/Manager.



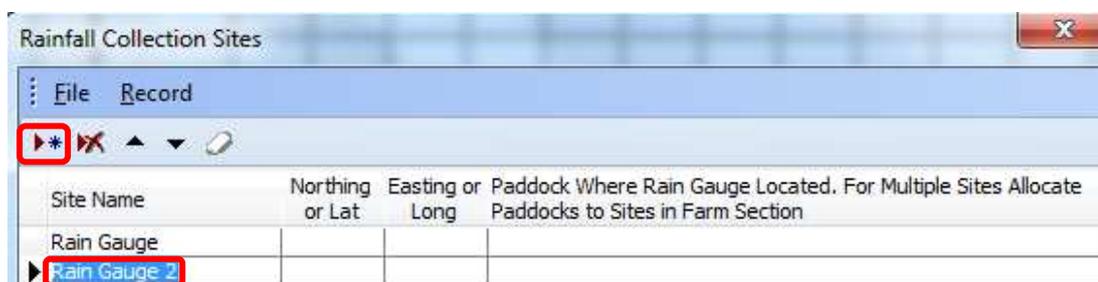
## Gauges

### 1. Setting Up Gauge(s)

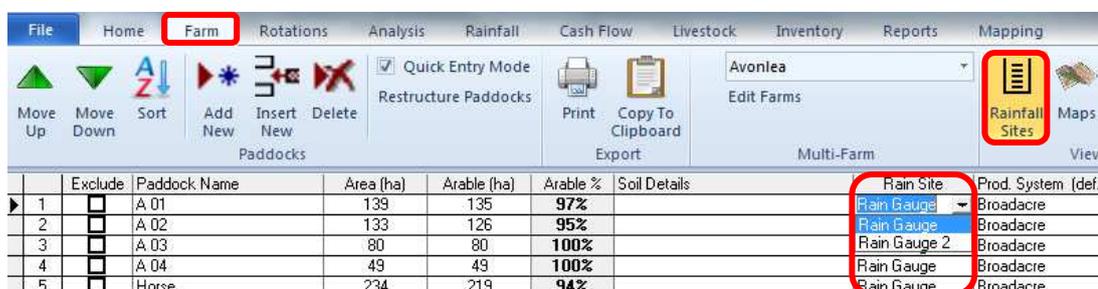
1. Setup Rain Gauge> Click Rain Gauge button.



2. Click Add button>Enter a new name for Rain Gauge 2 (as desired). Enter in more details as desired.



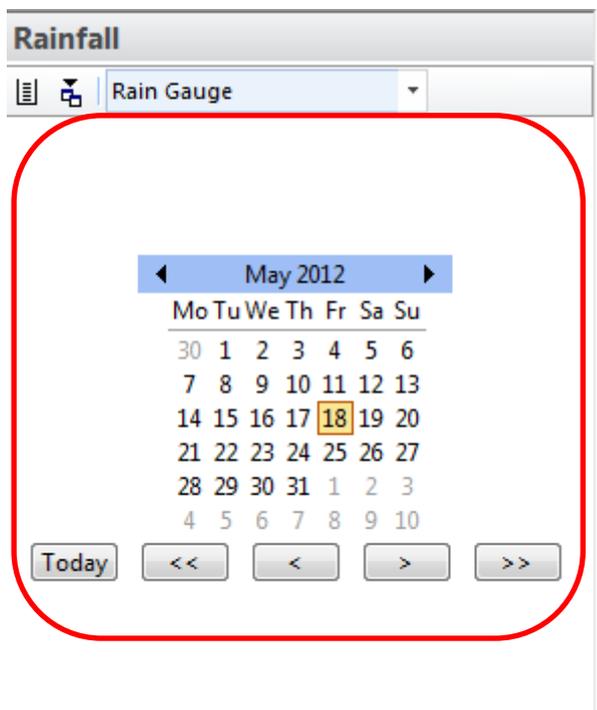
3. To allocate Rain Gauges to specific Farms/Paddocks>Got to Farm Tab>Click Rainfall Sites button>In Rain Site column, select Rain Gauge as appropriate.



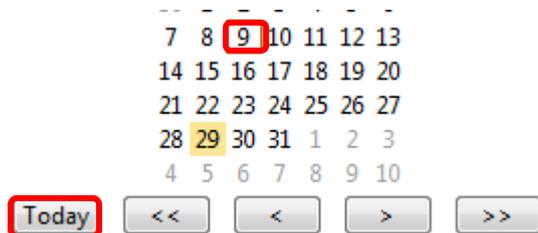
# Navigation

## 1. Calendar

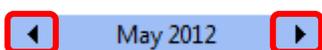
Use the calendar to move around the months and years.



1. Click on the day desired within the Month or click Today button.



2. Using the Arrows either side of the month name will scroll through the Months and years.

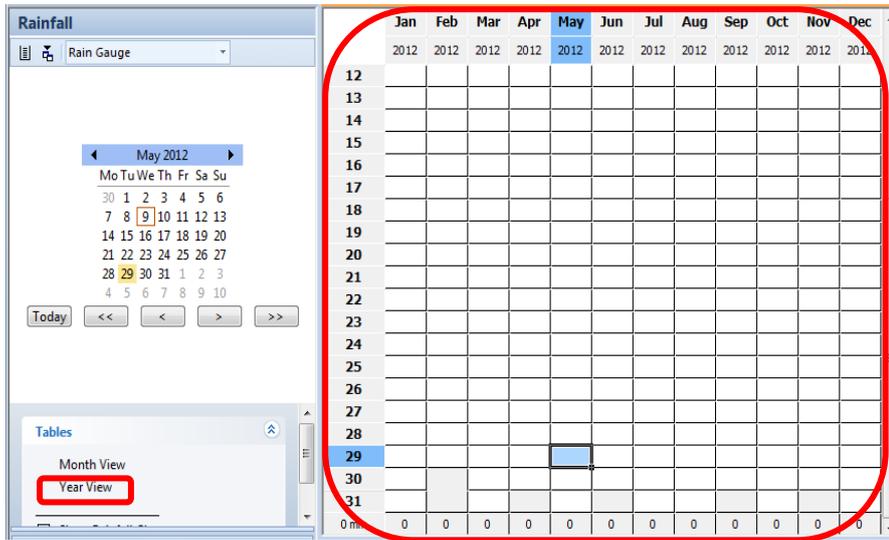


3. Click on the Single arrows to jump a year either way from that date OR Click on the Double to jump five years either way from that date.



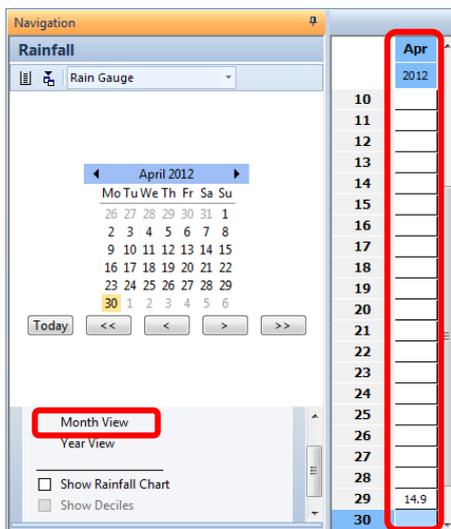
## 2. Yearly View

1. To view all months in the calendar year>Click Year View in Tables section.



## 3. Monthly View

1. To view only a month at a time>In the Table section click Month view.



**Note:** Month View is helpful for viewing Rainfall Charts and Deciles.

## Finding Rainfall Data

Daily and Monthly rainfall data is available on the Bureau of Metrology (BOM) Website. Simply find the closest active BOM site to your farm(s) and load data.

### 1. BOM Monthly Rainfall

1. Open Internet Explorer>Type in <http://www.bom.gov.au/climate/data/> into address bar. The BOM Climate Data Online page will appear.

**Tip:** Add BOM Climate Data Online to Favourites.

2. Type in name of closest town to your farm (Step 2 of BOM site)>Click Find button.

Select using Text | **Select using Map** Help

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**1: Selected: Daily rainfall**

Data about: Rainfall

Type of data: Observations | Statistics

Daily  Monthly |  Daily  Monthly

Daily rainfall data and graphs for a selected year. Data download for one or all years.

**2: Select a weather station in the area of interest**

OR - search by

3. Select from Nearest Bureau Stations.

**Nearest Bureau stations** (click one to select it)

Only show open stations (may no longer report all data types)

074221 Narrandera Golf Club NSW (2.1km away)	▲
074148 Narrandera Airport NSW (6.0km away)	☰
074197 Narrandera (Trigger Vale) NSW (11.3km away)	▼
074037 Yanco Agricultural Institute NSW (17.7km away)	
074050 Grong Grong (Junee St) NSW (21.2km away)	

More information: for the selected station (opens new window)

**Data available for the selected station**

**Note:** The Data for selection station table below tells you what data is available and how recent it is.

4. Select Year from drop down.

Select year

- Click Get Data button (Step 3 of BOM site)

**3: Get the data**

Station number  **Get Data** (Opens in new window) [Save](#) | [Clear](#)

Don't clear this number Note, most stations do not collect all data types. Searching will ensure relevant stations.

- Scroll to the bottom of the Rainfall table to see the Monthly totals>Manually type monthly rainfall totals in the 28<sup>th</sup> row of every month in Adviser/Manager Rainfall Table. See Entering Rainfall Data – Manually for more information.

[Bureau Home](#) > [Climate](#) > [Climate Data Online](#) > Daily Rainfall

### Daily rainfall

Narrandera Golf Club

[About this page](#) [1 year of data](#) [All years of data](#) [PDF](#)

Observations of Daily rainfall are nominally made at 9 am local clock time and record the total for the previous 24 hours. Rainfall includes all forms of precipitation that reach the ground, such as rain, drizzle, hail and snow. [About rainfall data](#)

Station: Narrandera Golf Club      Number: 74221      Opened: 1969      Now: Open  
 Lat: 34.73° S      Lon: 146.56° E      Elevation: 173 m      [Details](#)

Show in table...      Key: Units = mm 12.3 = Not quality controlled. ↓ = Part of accumulated total  
 28 Q      Move mouse over rainfall total to view the period of accumulation.

2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Graph												
1st	0	0	16.6	0	0							
2nd	0	0	7.6	1.4	4.6							
3rd	0	0	1.2	0	0.8							
4th	0	0		0	0							
5th	0	0	0.2	0	0							
6th	0	0	0	0	0							
...	-	-	-	-	-							
29th	0	29.0	0	0								
30th	42.0		0	0								
31st	73.4		0									
Highest Daily	42.0	29.0	16.6	7.3	4.6							
Monthly Total	69.0	67.3	50.6	14.5								

Annual total to Apr this year = 201.4 mm      [View all monthly data](#)      [Plot year of daily data](#)

## 2. BOM Rainfall History

- To get all recorded Historical data> Click on All Years of Data.

[Bureau Home](#) > [Climate](#) > [Climate Data Online](#) > Daily Rainfall

### Daily rainfall

Narrandera Golf Club

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1st	0	0	16.6	0	0							

2. Click Save As>Rename Zip Folder to location name>Choose Desktop to save to.
  
3. Open Zip folder on Decktop>Click through several folders  
C:\Users\xxxx\Desktop\rainfall.zip\web\htdocs\tmp\cdio> Reach a file with a name similar to this IDCJAC0001\_074221\_Data12.csv> If required, double click on the second of the two files listed which will open in Excel.
  
4. Save as the file> Rename it>Save as a CSV Comma Delimited File>Save to Desktop>Click Yes to saving in that format question>Click Close>Click Save (again)>Click Yes (again). Ready for Importing data from .csv excel spread sheet.

## Entering Rainfall Data

### 1. Manually

1. Click on Year view in Table section under the calendar. Ensure the year is correct.
2. Click on the cell where to add desired numbers>Type numbers>Click on (or arrow to) next cell.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012	2012
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28	69	67.3	50.6	14.5								
29												
30												
31												
201.4 mm	69	67.3	50.6	14.5	0	0	0	0	0	0	0	0

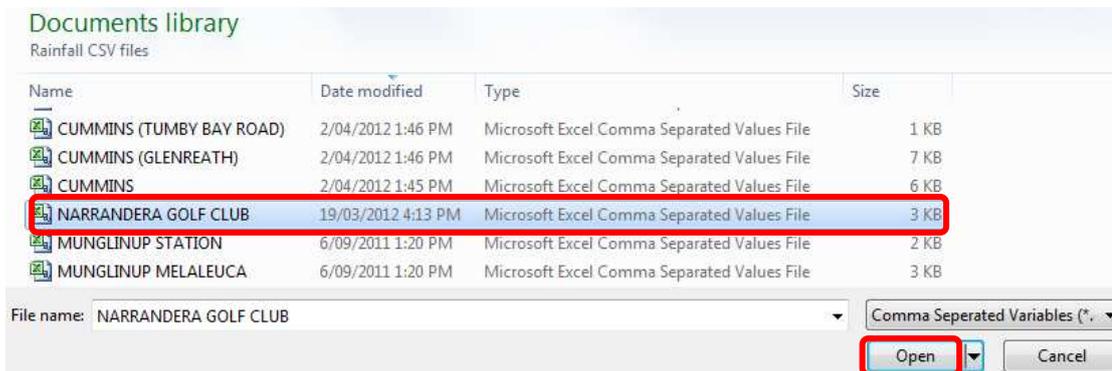
**Note:** Total automatically calculates at the bottom of the month.

### 2. Importing data from .csv Excel spreadsheet

1. Import data from BOM .csv spread sheet>Click Import Rainfall Data Button>Click Folder to find/open .csv file.

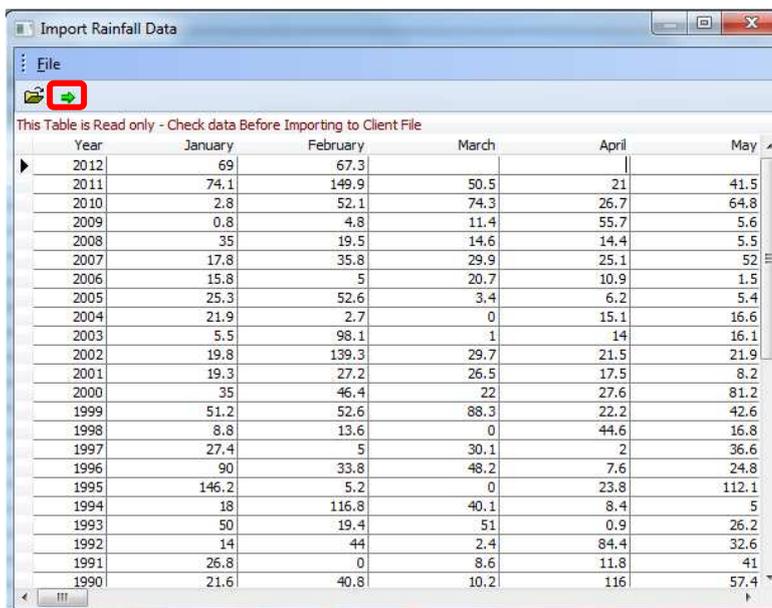


- Find .csv spread sheet file saved to desktop on your computer>Click on File name>Click Open.



**Note:** Ensure it is a Comma Separated Variable format (.csv)

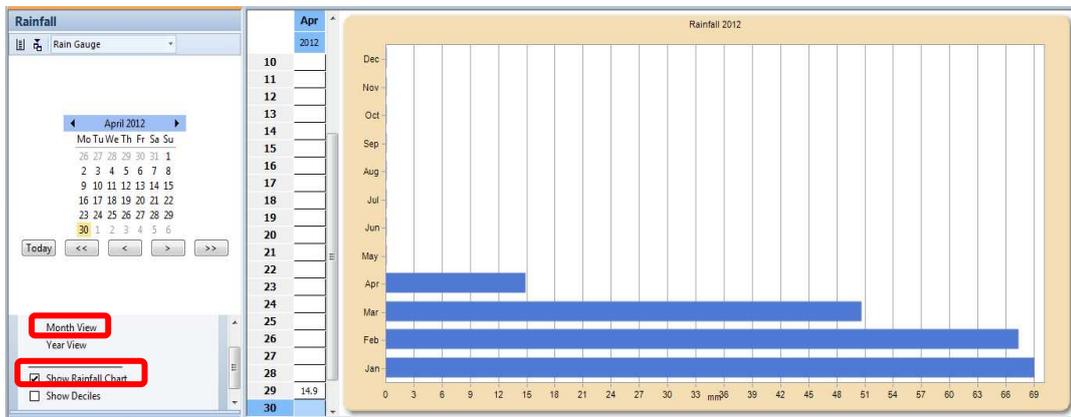
- Once file open and data is visible>Click Green Arrow to import data to Client File>View will close and automatically revert back to rainfall year view.



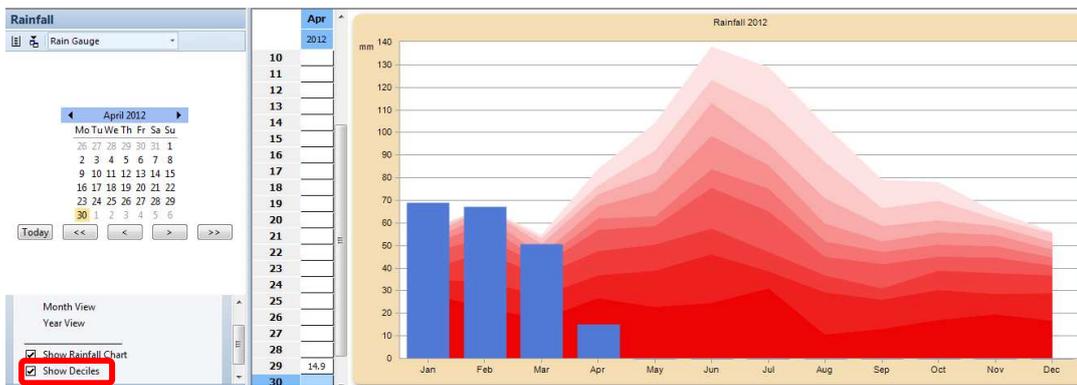
**Note:** This will physically add all monthly data to the rainfall year for every year that it has data for. This could add data for the past 100 years. This data is what is used to compare recent rainfall with historical data in the deciles chart.

## Rainfall Chart and Deciles

- To chart the rainfall view>In Tables, Click Month View>Tick Show Rainfall Chart.



- To show deciles to compare monthly rainfall with historical data>Tick Show Deciles.



**Note:** This displays the monthly total against 10 decile bands – the highest rainfall being the lightest pink band and the lowest rainfall being in the darkest red band. This is dependent on how many years data is entered into the calendar. See BOM Rainfall website to get more historical data.