



Daily rainfall

APPENDIX 8

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: Richmond - UWS Hawkesbury Number: 67021 Opened: 1881 Now: Open
 Lat: 33.62° S Lon: 150.75° E Elevation: 20 m

Key: Units = mm 12.3 = Not quality controlled. † = Part of accumulated total

1961	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1st	0	1.8	23.6	0	0	0	6.1	1.0	0	0	0	13.7
2nd	6.6	3.3	1.5	0	0	0	0	0.3	0	0	9.1	25.1
3rd	56.6	0	0	0	0	0	2.3	0.5	0	0	11.4	0
4th	0	0	0	0	0	0	0	0	0	0	0	0
5th	0	0	0.3	0	2.8	5.1	0	0	0	0	8.1	0
6th	0	21.6	0	17.3	1.3	7.9	0	0	0.8	15.7	0	0
7th	0	2.0	0	3.0	0	1.3	0	0	0	16.3	1.0	1.0
8th	2.3	2.8	0	0	0	0	0	0	0	1.0	6.1	0
9th	0	1.5	0	0	0	1.0	0	0	0	0.8	7.4	0
10th	0	1.8	0	0	0	0.8	0	4.1	1.3	0	0	0
11th	0	7.1	0	0	0	0.8	0	19.3	2.3	0	0	0
12th	0	0	1.0	0	0	5.1	0	2.0	0	3.0	0	3.8
13th	1.0	0	5.6	3.3	0	2.0	0	2.5	0	0	0	6.9
14th	9.9	0	0	0	0	0.3	0	1.3	0	0	0	16.8
15th	0.5	0	0	0	0	0	0	0	3.6	0	8.4	7.4
16th	0	8.1	6.1	0	0	0	0	0.3	0	0	17.8	3.0
17th	0.8	0	0	0	0	0	0	12.7	0.8	7.4	25.9	4.1
18th	0	0	0	0	0	0	0	1.8	0.5	7.6	131.8	2.0
19th	0.5	16.0	0	4.1	0	0	0	0.3	2.0	0	115.3	0
20th	0	17.0	0	5.3	0	0	0	0	0	0	19.6	0
21st	2.8	1.0	0	0.8	0	0	0	4.1	0	0	30.5	0
22nd	0	0	1.3	0	0	0	0	0	0	0	7.6	0
23rd	0	0	0	0	0	0	4.1	0	0	13.5	0	0.8
24th	0	4.3	0.5	14.2	0	0	23.4	3.8	0	4.1	13.2	0
25th	0	2.5	7.6	22.4	0	0	0	18.5	0	0	6.9	0
26th	0	0	19.1	0.8	0	0	0	18.5	0	0	23.1	26.2
27th	0	0.8	2.3	0	0	0	0	13.2	0	0	0	13.2
28th	0	2.0	1.5	1.0	0	0	0	7.6	0	0	0	1.0
29th	0	0	0	0	0	0	0	0	0	0	0	0
30th	0	0	0	0	0	0	0	0	0	0	6.4	0
31st	0	0	9.1	0	0.8	0	2.0	0	0	0	0	0.8
Highest Daily	56.6	21.6	23.6	22.4	2.8	7.9	23.4	19.3	3.6	16.3	131.8	26.2
Monthly Total	81.0	93.6	79.5	72.2	4.9	24.3	37.9	111.8	11.3	69.4	449.6	125.8

Annual total for 1961 = 1161.3 mm

highest daily for the year.

Summary statistics for all years

Statistic	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean	95.6	95.6	87.6	68.6	57.4	60.5	44.7	42.7	42.6	58.9	73.4	76.0
Median	74.2	70.5	64.8	51.4	30.7	38.8	28.6	24.0	33.7	43.2	66.3	55.5
Highest Daily	198.6	175.2	183.9	160.0	309.4	101.6	138.4	210.0	103.4	94.8	131.8	88.1
	11th 1949	10th 1992	26th 1942	16th 1946	28th 1889	1st 1897	27th 1952	8th 1986	2nd 1970	20th 1987	18th 1961	10th 1920

Data within the table which are in italics represent observations which have not been fully quality controlled, a process which may take a number of months to complete. While these data may be correct, you should exercise caution in their use. For observations of daily rainfall which span more than one day it indicates that there is some uncertainty associated with the exact date on which the daily rainfall occurred.

Gaps occur in the table where a valid observation is not available. This is frequently associated with the observer being unavailable (where observations are undertaken manually), a failure in the observing equipment, or when an event has produced suspect data.

Product Code: IDCJAC0009 reference: 20350562

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Daily rainfall

Appendix 9a.

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: Richmond - UWS Hawkesbury Number: 67021 Opened: 1881 Now: Open
 Lat: 33.62° S Lon: 150.75° E Elevation: 20 m

Key: Units = mm 12.3 = Not quality controlled. ↓ = Part of accumulated total

2015	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1st	0	0	↓	5.8	6.0	0	1.8	0				
2nd	0	26.4	2.0 2 days	0	↓	0	0.1	0				
3rd	0	0	0	↓	↓	0	0	0				
4th	0	0	0	↓	18.2 3 days	0	0	0				
5th	2.0	2.0	0	↓	0.2	1.6	0	0				
6th	0.4	0	0	46.4 4 days	0	↓	0	0				
7th	0	0	0	4.4	0	↓	0	0				
8th	0	0	0	0.4	0	0.1 3 days	0	0				
9th	0	0	0	0	0	0	0	0				
10th	↓	0.4	0	0	0	↓	↓	0				
11th	↓	0	0	↓	0	0.6 2 days	↓	0				
12th	44.2 3 days	0	1.2	↓	0	0	↓	0				
13th	1.2	12.2	3.6	3.4 3 days	0	0	6.6 4 days	0				
14th	1.2	↓	0	0	0	0	0	0				
15th	0	↓	0	0	0	0	0	0				
16th	0	↓	0	27.6	0	2.6	5.0	0				
17th	↓	4.2 4 days	0	4.2	0	10.6	7.8	0				
18th	↓	0	0	↓	0	3.8	0	0				
19th	0.4 3 days	0	0	↓	0.2	34.6	0	0				
20th	3.4	2.0	0	9.4 3 days	1.4	↓	0	0				
21st	5.6	↓	↓	110.0 * 3 days	0.2	↓	0	0				
22nd	0	12.2 2 days	↓	56.2	4.0	0.4 3 days	0	↓				
23rd	0	2.4	3.2 3 days	30.8	↓	0	1.2	↓				
24th	↓	0	0	0	↓	0	0	7.4 3 days				
25th	↓	0.2	11.2	↓	10.0 3 days	0	0	10.6				
26th	↓	1.2	0	↓	0.1	3.0	0	3.0				
27th	10.8 4 days	0	0	6.8 3 days	0	↓	0	0.6				
28th	44.2	0	0	0	0	↓	0	0				
29th	12.2	0	0	0	0.1	0.2 3 days	0	0				
30th	0	0	0	3.2	↓	0.1	0	0				
31st	0	0	5.2	↓	4.0 2 days	0	0	0				
Highest Daily	44.2	26.4	11.2	110.0	6.0	34.6	7.8	10.6				
Monthly Total	125.6	63.2	26.4	308.6	44.4	57.6	22.5	21.6				

Annual total to Aug this year = 669.9 mm

Maximum 1 day
 flood in April
 this year

Summary statistics for all years

Statistic	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean	95.6	95.6	87.6	68.6	57.4	60.5	44.7	42.7	42.6	56.9	73.4	76.0
Median	74.2	70.5	64.8	51.4	30.7	38.8	28.6	24.0	33.7	43.2	66.3	55.5
Highest Daily	198.6 11th 1949	175.2 10th 1992	183.9 28th 1942	160.0 16th 1946	309.4 20th 1889	101.6 1st 1897	138.4 27th 1952	210.0 6th 1966	103.4 2nd 1970	94.8 20th 1987	131.8 18th 1961	88.1 10th 1920

Data within the table which are in italics represent observations which have not been fully quality controlled, a process which may take a number of months to complete. While these data may be correct, you should exercise caution in their use. For observations of daily rainfall which span more than one day it indicates that there is some uncertainty associated with the exact date on which the daily rainfall occurred.

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Product Code: IDCJAC0009 references: 20377137

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Appendix 9b.



PHOTO 1

Riverstone Road.

- First ponds creek flooded to the level indicated on the Departments flood map. Across Riverstone Road
- Refer Appendix 9D.



PHOTO 2

Clarke St.

- Water on Clarke St due to road camber & lack of runoff.
- Looking from opposite Regent St & Clarke St into flood AREA 1
- No flooding on 6 or 8 Clarke St
- Refer to Appendix 9D.
- Clearly flood modelling data is incorrect.

APPENDIX 9D.

Photo 2 taken from this point.
No flooding.



Photos 3 & 4
taken from
this point.

Photo 1 taken at this
point looking towards
Clarke St.
(Same size as level
pictured) * * *

APPENDIX 10.



WESTCLAIRE
PROPERTY GROUP

Westclaire (Pty) Ltd

Level 5 4 Columbia Court, Baulkham Hills NSW 2153 Australia
Tel (02) 8860-6519 Fax (02) 8209-4823 Mobile (0405) 068-130
E-mail info@westclaire.com.au Web www.westclaire.com.au

July 27th, 2015

[REDACTED]

Riverstone NSW, 2765

[REDACTED]

[REDACTED]

We propose to purchase your property on Clarke Street under the following terms.

1. We will enter into a **3 month Deed of Option Agreement** with you which will entitle us to purchase your property at the agreed price specified in the accompanying **Contract of Sale** at any time during this option period.

ds the

Appendix 11A



Photo 3

Appendix 14B.



Photo 4.