

## Catalogue of Common Climate Reports and Data

### Contents

Contact Information.....	1
(1) Application for Weather Assessment Report .....	2
(2) Application for Rainfall Report .....	2
(a) Hourly Rainfall Report (1 Station).....	2
(b) Daily Rainfall Report (1 Station) .....	3
(c) Daily Rainfall Report (5 Standard Stations).....	3
(d) Daily Rainfall Report (Max 17 Stations).....	4
(e) 10-Year Wet Days Report (1 Station).....	4
(f) 10-Year Wet Days Report (5 Standard Stations) .....	5
(3) Request for Climate Data .....	5

### Contact Information

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## (1) Application for Weather Assessment Report

The report provides an assessment of the weather conditions within the vicinity of the specified location over the specified period. The cost of the Weather Assessment Report is S\$121.70 for 1 to 3 continuous days of assessment period. Each subsequent day of assessment required is at S\$44.40/day. The report is provided in PDF format.

Please submit your application through <https://go.gov.sg/wx-report>. We will reply to you within 3 working days after the application is submitted.

## (2) Application for Rainfall Report

The following section shows the commonly requested rainfall reports. The administrative fee for generating each report is S\$33.20. The reports are provided in PDF format.

Please submit your application through <https://go.gov.sg/rain-report>. We will reply to you within 3 working days after the application is submitted.

### (a) Hourly Rainfall Report (1 Station)

This report shows the hourly total rainfall and hourly rainfall duration at one station over one calendar month.

METEOROLOGICAL SERVICE SINGAPORE Singapore Snp

**HOURLY RAINFALL TABULATION**

Changi Met Station(S24) (1°22'4"N 103°58'56"E)

SEP 2018

Time: Local Time  
D= Duration (mins) Freq= number of occasions (0.2mm or more)  
A= Amount (mm) \* = DEFECTIVE, - = NO RAINFALL

Hour	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	TOTAL																									
Date	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	D	A	Dur	Amnt																								
01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																								
02	-	-	-	-	-	-	-	-	-	15	5.4	15	2.2	-	-	-	-	-	-	-	-	-	-	-	-	30	7.6																							
03	-	-	-	-	-	-	10	2.0	-	15	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	2.6																							
04	-	-	-	-	-	-	-	-	45	25.2	35	2.4	5	0.2	-	-	-	-	-	-	-	-	-	-	-	85	27.8																							
05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
07	-	-	-	-	-	-	-	-	-	-	-	30	2.8	5	0.2	-	30	1.2	10	0.4	5	0.2	20	0.8	10	0.4	110	6.0																						
08	-	-	-	-	-	20	18.4	50	13.8	55	5.8	40	6.4	10	0.4	5	0.2	-	-	-	-	-	-	-	-	180	45.0																							
09	-	-	-	-	-	-	-	-	-	-	-	30	15.2	-	5	0.2	-	-	-	-	-	-	-	-	-	35	15.4																							
10	-	-	-	-	-	-	-	-	5	0.2	-	-	-	-	30	2.2	-	-	-	-	-	-	-	-	-	35	2.4																							
11	-	-	-	-	-	-	-	-	-	-	-	-	10	0.4	15	0.6	-	5	0.2	-	5	0.2	-	-	-	35	1.4																							
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	1.2	-	-	-	-	-	-	-	30	1.2																							
19	5	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.2																							
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	1.2	20	2.2	5	0.2	-	-	45	3.6																							
21	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.2	60	25.0	20	0.8	-	-	-	-	-	-	85	26.0																							
22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.6	30	5.0	-	-	-	-	-	-	-	35	5.6																							
23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																							
Total	5	0.2	0	0.0	0	0.0	0	0.0	0	0.0	30	20.4	50	13.8	120	31.8	90	14.2	30	2.8	65	18.2	15	0.6	55	3.2	65	25.6	85	7.2	40	1.6	25	1.4	45	3.2	15	0.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	735	144.8
Freq.	1	0	0	0	0	0	0	2	1	4	3	3	3	2	4	2	4	2	2	2	3	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38		

RAINFALL INTENSITY (mm)

HOURS	1/4	1/2	3/4	1	2	3	6	12	24
MAX	19	25	31	32	35	44	45	45	51
DATE	04	07	07	07	08	08	08	08	08

**(b) Daily Rainfall Report (1 Station)**

This report shows the daily total rainfall at one station over one calendar year.

METEOROLOGICAL SERVICE SINGAPORE  
DAILY TOTAL RAINFALL(MM) (LOCAL TIME)  
Changi Met Station(S24) (1°22'4"N 103°58'56"E)

YEAR: 2018

DATE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
01	32.2	-	-	0.8	6.8	24.2	1.8	4.2	-	-	0.2	7.0
02	0.8	13.0	3.2	-	0.6	46.8	-	-	7.6	-	7.8	0.4
03	2.0	-	-	-	14.2	-	31.4	-	2.6	-	0.4	2.6
04	0.2	0.6	-	-	-	0.4	-	27.2	27.8	-	3.4	-
05	1.0	-	-	-	-	-	-	2.2	-	-	0.4	2.8
06	-	-	-	3.8	-	-	-	-	-	8.8	3.8	4.6
07	-	-	5.8	1.4	-	-	32.4	-	6.0	11.0	12.0	1.0
08	45.8	-	0.6	-	-	3.8	-	6.8	45.0	4.8	5.4	-
09	1.8	-	-	-	-	-	-	-	15.4	45.4	1.6	-
10	29.8	-	15.2	-	-	-	13.8	-	2.4	60.6	-	0.2
11	10.4	-	-	-	-	-	-	-	1.0	1.2	0.8	33.2
12	9.8	-	-	-	0.2	-	-	-	58.8	12.4	0.2	-
13	42.2	-	-	-	1.2	1.4	-	-	-	2.4	2.4	-
14	6.8	-	-	0.4	-	3.2	19.2	-	-	4.2	2.0	-
15	1.4	0.2	-	14.0	0.8	6.8	25.8	-	-	-	4.6	-
16	-	-	-	1.6	5.0	-	-	-	-	-	0.8	43.8
17	-	-	-	0.2	-	0.4	-	3.0	-	8.2	18.4	-
18	-	-	-	-	1.2	9.4	-	-	1.2	4.6	7.4	0.2
19	2.6	-	-	0.6	3.0	0.6	8.0	0.8	0.2	4.8	20.6	0.2
20	22.8	-	-	-	0.2	21.2	1.0	-	3.6	9.2	4.0	15.6
21	0.6	-	-	0.2	1.0	0.6	-	-	26.0	-	13.2	3.2
22	5.6	-	-	-	-	-	-	31.6	5.6	-	2.0	-
23	6.8	0.8	-	7.4	35.4	0.6	-	5.0	-	-	4.0	0.6
24	1.0	0.2	-	-	0.8	-	-	34.6	-	0.8	-	-
25	0.6	-	7.0	-	-	15.2	5.2	-	-	-	4.8	0.2
26	0.6	-	-	14.0	10.0	31.4	-	-	-	-	14.4	0.2
27	6.6	-	10.2	12.0	1.2	10.6	-	-	-	3.6	9.6	-
28	12.2	-	1.2	0.2	47.4	-	-	-	-	5.2	-	-
29	-	-	0.2	-	0.2	6.0	-	-	-	0.4	5.6	-
30	40.8	0.8	4.6	0.2	-	-	4.8	6.0	-	0.4	7.6	17.4
31	2.6	-	0.4	-	2.8	-	-	0.2	-	-	-	39.2
<b>Total Amount</b>	<b>267.0</b>	<b>14.8</b>	<b>44.6</b>	<b>61.2</b>	<b>132.2</b>	<b>182.6</b>	<b>143.2</b>	<b>121.6</b>	<b>144.4</b>	<b>234.4</b>	<b>169.6</b>	<b>172.6</b>
<b>Total No. of Raindays</b>	<b>25</b>	<b>5</b>	<b>10</b>	<b>14</b>	<b>19</b>	<b>17</b>	<b>10</b>	<b>11</b>	<b>13</b>	<b>18</b>	<b>27</b>	<b>19</b>

Note: rain day is defined as a day with 0.2 mm or more of rain. \* = DEFECTIVE DATA, - = NO RAINFALL

**(c) Daily Rainfall Report (5 Standard Stations)**

This report shows the daily total rainfall at each of the 5 standard stations (Paya Lebar Met Station, Tengah Met Station, Changi Met Station, Seletar Met Station and Somerset) over one calendar month.

Meteorological Service Singapore  
Daily Rainfall (mm)

Local Time 0000hrs to 2400hrs - September 2018

Date	Rainfall Station					Average Rainfall
	Paya Lebar Met Station	Tengah Met Station	Changi Met Station	Seletar Met Stn	Somerset	
1	3.6	0.1	0.0	7.2	0.0	2.2
2	13.6	0.0	7.6	2.0	10.0	6.6
3	0.3	0.0	2.6	0.2	0.2	0.7
4	44.0	12.0	27.8	37.0	25.2	29.2
5	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0
7	14.2	4.3	6.0	23.6	37.8	17.2
8	72.9	12.1	45.0	7.2	67.0	40.8
9	9.4	1.5	15.4	13.4	17.8	11.5
10	12.2	2.0	2.4	4.4	3.8	5.0
11	0.1	0.4	1.0	0.4	1.6	0.7
12	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0
18	1.9	10.1	1.2	75.4	1.6	18.0
19	48.6	34.0	0.2	45.4	29.4	31.5
20	2.8	13.4	3.6	20.4	11.2	10.3
21	3.7	8.8	26.0	1.4	5.0	9.0
22	20.3	1.4	5.6	0.4	0.4	5.6
23	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	23.6	0.0	0.2	4.8
27	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Amount</b>	<b>247.6</b>	<b>123.7</b>	<b>144.4</b>	<b>236.6</b>	<b>211.0</b>	
<b>No. of days with average rainfall 10.16mm or more is</b>						<b>7</b>

**(d) Daily Rainfall Report (Max 17 Stations)**

This report shows the daily total rainfall at each station (up to 17 self-selected stations) over one calendar month.

**Meteorological Service Singapore  
DAILY TOTAL RAINFALL(MM) ( Local time 0000hrs to 2400hrs )  
September 2018**

DATE	STATION CODES																
	S07	S08	S29	S33	S36	S38	S40	S43	S44	S50	S60	S61	S64	S66	S69	S71	S77
01	3.4	23.8	0.0	0.2	1.8	*	18.8	1.6	0.0	0.0	0.0	0.6	2.6	0.2	26.2	0.0	0.0
02	7.4	3.8	*	5.6	1.2	*	0.8	9.2	0.2	2.4	23.0	14.8	0.4	0.2	0.6	8.0	9.6
03	0.2	0.2	-	0.2	0.0	*	0.2	0.0	0.0	0.0	0.4	0.6	0.0	0.0	0.2	0.4	0.0
04	34.0	35.8	-	18.6	16.0	58.8	47.2	50.6	12.2	23.6	24.4	29.6	44.6	17.2	-	17.6	15.0
05	0.0	0.0	*	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0	0.0
06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0	0.0
07	61.4	51.8	8.6	2.8	28.0	26.8	9.8	24.6	4.4	85.2	4.4	32.2	15.0	2.4	-	44.6	37.0
08	31.4	14.4	14.6	18.2	15.6	65.0	9.4	72.0	24.4	22.8	83.6	51.8	9.6	13.2	*	46.2	51.8
09	5.2	7.6	3.6	11.6	5.8	11.8	13.2	18.0	6.8	1.0	4.8	5.8	7.2	19.0	6.0	2.6	5.8
10	4.2	6.0	5.4	1.4	1.0	*	1.6	13.8	2.2	2.6	2.6	18.6	1.6	3.8	2.2	3.2	2.4
11	3.6	2.6	-	1.0	1.0	0.8	0.2	0.2	13.8	1.2	8.8	0.4	0.8	1.6	2.8	4.6	0.2
12	0.0	1.0	*	18.8	1.2	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	*	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	7.6	9.8	*	0.8	2.0	15.0	0.6	1.4	0.2	1.8	0.4	0.4	0.0	9.6	1.4	0.6	0.8
19	61.4	79.8	*	49.6	47.0	32.8	53.6	34.6	40.6	58.0	12.4	2.0	26.2	8.8	76.2	21.6	32.8
20	17.2	12.8	2.6	22.0	5.8	*	15.8	2.2	15.8	6.2	2.6	2.4	9.4	8.2	6.6	2.2	7.8
21	20.0	30.6	7.2	9.8	18.4	*	25.8	3.0	4.8	21.0	1.2	0.4	19.8	25.0	39.8	33.6	5.4
22	21.2	6.0	2.6	1.6	37.6	*	0.6	5.6	2.2	27.8	0.4	5.2	13.4	14.2	0.8	0.2	0.0
23	0.0	0.0	0.2	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Amount	278.2	285.8	*	160.8	162.4	*	205.6	237.0	137.6	253.6	169.0	164.8	150.8	128.4	*	188.4	167.8
No. of Raindays	14	15	*	17	14	*	15	14	14	12	13	14	12	14	*	14	11

Note:- Rainday is defined as a day with 0.2mm or more of rain

Defective: \*\*

**STATION CODES:-**

S07 : Macritzchie Reservoir    S08 : Lower Peirce Reservoir    S29 : Pasir Ris (West)    S33 : Jurong Pier Road    S35 : Ulu Pandan  
 S36 : Serangoon    S40 : Mandalai    S43 : UAO    S44 : NTU    S50 : Ngee Ann Polytechnic    S60 : Sentosa  
 S61 : Chai Chee    S64 : Bukit Panjang    S66 : Kranji Reservoir    S69 : Upper Peirce Reservoir    S71 : Kent Ridge    S77 : Queenstown

**(e) 10-Year Wet Days Report (1 Station)**

This report shows the monthly number of wet days at one station over a period of ten years.

**METEOROLOGICAL SERVICE SINGAPORE  
Number of Wet Days with 10.16mm or more of rainfall is recorded**

	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Average
January	8	9	5	1	3	11	5	6	3	3	5
February	3	2	3	5	0	1	3	9	0	1	3
March	3	9	10	6	7	9	8	4	1	2	6
April	10	5	2	5	6	5	8	5	3	3	5
May	8	5	4	6	3	5	10	5	6	3	6
June	8	4	3	0	8	5	1	5	2	5	4
July	4	5	3	7	6	4	4	7	6	4	5
August	4	6	7	6	4	4	5	6	7	6	6
September	3	6	5	2	4	4	4	7	2	3	4
October	4	7	4	4	4	7	5	6	4	3	5
November	4	10	8	8	8	11	5	12	7	2	8
December	10	8	6	7	5	7	9	9	8	10	8

Note: A wet day in this report is defined as a period of 24 hours on which 0.4 inch or 10.16 mm or more of rainfall is recorded.

\*\* = DEFECTIVE DATA

### (f) 10-Year Wet Days Report (5 Standard Stations)

This report shows the monthly number of wet days, based on daily rainfall averaged over the 5 standard stations (Paya Lebar Met Station, Tengah Met Station, Changi Met Station, Seletar Met Station and Somerset), over a period of ten years.

METEOROLOGICAL SERVICE SINGAPORE  
5 Standard Stations  
Number of Wet Days with 10.16mm or more of rainfall is recorded

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Average
January	1	3	13	5	7	1	3	3	9	15	6
February	6	1	4	3	14	0	2	5	8	2	5
March	9	11	11	13	11	4	5	3	11	6	8
April	5	8	8	10	7	6	5	5	8	9	7
May	7	3	4	11	9	8	5	8	10	8	7
June	2	9	8	2	4	3	3	7	6	8	5
July	5	8	3	8	5	8	4	12	4	5	6
August	5	7	4	3	8	9	7	4	3	4	5
September	3	8	8	4	10	5	5	5	6	7	6
October	7	7	11	5	9	6	4	10	5	10	7
November	7	11	15	14	12	12	8	9	9	12	11
December	9	4	13	13	8	13	11	7	10	9	10

Note: A wet day in this report is defined as a period of 24 hours on which 0.4 inch or 10.16 mm or more of rainfall is recorded.  
5 Standard Stations refer to Paya Lebar Met Office, Tengah Met Office, Changi Met Station, Seletar Met Station, and TripleOne Somerset Building.  
\*\* = DEFECTIVE DATA

### (3) Request for Climate Data

Requests may be made for other weather parameters such as temperature, relative humidity, and wind speed and direction. For measurements by automatic weather stations, data may be available at up to 1-minute frequency. However, the smallest frequency for rainfall data is 5-minute.

The administrative fees for data of different frequencies are listed below:

For one weather parameter at one station

- 1-minute data - S\$59.00 for first month and S\$38.00 for subsequent month  
(Rainfall: 5-minute data - S\$59.00 for first month and S\$38.00 for subsequent month)
- Hourly data - S\$33.20 per month
- Daily data - S\$33.20 per year

Please email us at [sales\\_climo@nea.gov.sg](mailto:sales_climo@nea.gov.sg) if you would like to request for climate data.