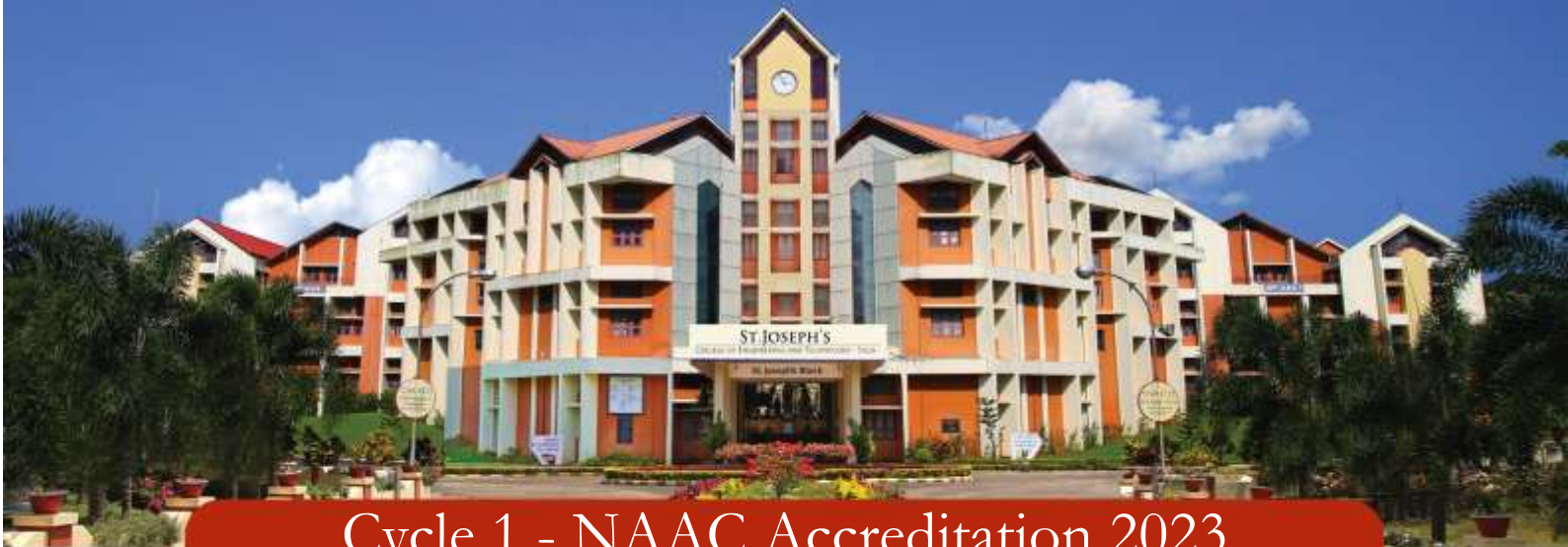




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Cycle 1 - NAAC Accreditation 2023

Criterion – 7.3

## Meteorological Measurements Centre (STEVENSON SCREEN)

*Submitted to:*



**National Assessment and Accreditation Council**



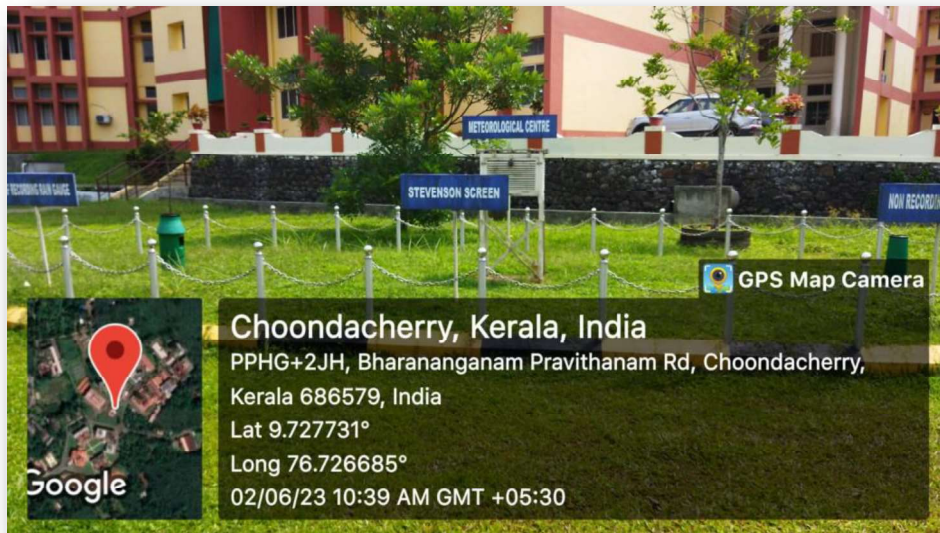
# Meteorological Measurements Centre

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# 1. Meterological Measurements Centre (STEVENSON SCREEN)



## 1.1 Weather (rainfall in cm) @SJ CET

The following table shows the rainfall (in cm) at SJ CET Campus for the last 15 years. From 2008 November to 2022 December.

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
<b>YEAR</b>													
<b>2008</b>											8.91	6.96	
<b>2009</b>	0.68	0.00	21.20	20.10	34.65	51.36	71.46	27.00	33.00	32.57	33.98	9.02	<b>335.11</b>
<b>2010</b>	4.40	0.00	23.54	28.36	31.86	72.00	49.17	51.48	50.66	57.69	61.58	5.28	<b>436.02</b>
<b>2011</b>	6.16	11.68	14.14	57.02	35.18	72.65	55.79	48.97	38.42	30.94	19.90	19.12	<b>409.67</b>
<b>2012</b>	0.30	1.20	13.28	36.58	6.84	34.70	51.32	51.00	16.90	44.10	22.20	6.30	<b>284.72</b>
<b>2013</b>	1.18	1.02	13.18	39.86	20.06	97.02	76.20	60.74	40.86	59.48	46.24	1.00	<b>473.90</b>
<b>2014</b>	0.08	5.68	7.80	28.70	42.10	41.02	63.67	83.48	44.80	79.14	28.90	13.20	<b>438.57</b>
<b>2015</b>	4.60	2.94	27.08	58.96	53.94	56.70	29.98	38.36	45.78	51.12	30.41	17.04	<b>416.91</b>
<b>2016</b>	0.30	1.28	14.48	16.00	53.76	49.96	48.10	21.12	11.34	17.84	17.02	2.36	<b>255.56</b>
<b>2017</b>	2.38	0.00	41.74	10.50	56.80	53.04	31.80	55.68	48.74	38.73	27.40	7.90	<b>374.71</b>
<b>2018</b>	0.00	4.96	10.74	36.70	74.20	72.98	104.70	85.08	17.58	64.36	37.76	11.12	<b>520.18</b>
<b>2019</b>	0.00	6.02	2.24	22.56	7.66	48.34	52.40	77.98	34.48	54.22	19.00	0.44	<b>325.34</b>
<b>2020</b>	0.00	0.00	0.26	0.00	52.70	39.38	78.36	93.68	36.88	25.92	18.61	18.88	<b>364.67</b>
<b>2021</b>	12.72	2.42	10.18	34.68	20.00	38.00	61.70	71.49	34.54	104.88	48.20	12.18	<b>450.99</b>
<b>2022</b>	1.56	0.50	27.94	56.37	77.46	27.82	58.64	77.30	23.66	34.60	54.56	12.78	<b>453.19</b>

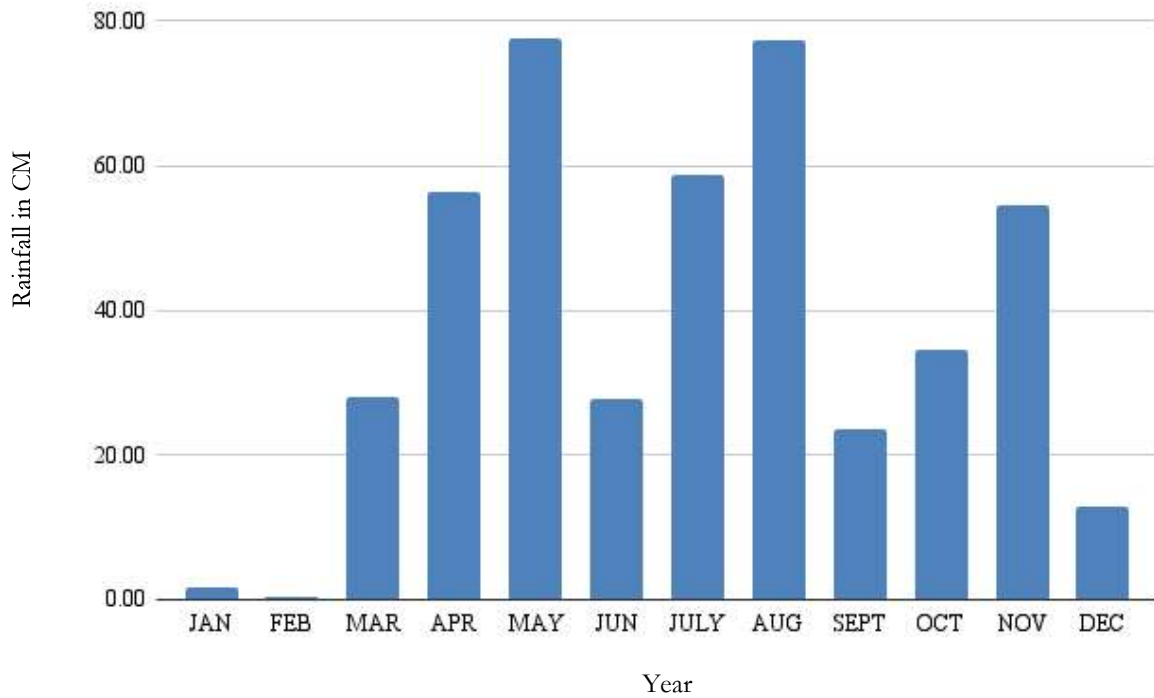
Highest recorded rainfall for the years 2009 – 2022 was 31.00 cm on **16<sup>th</sup> October 2021**

Highest recorded rainfall for the year 2022 was 18.60 cm on **11<sup>th</sup> May 2022**.



## 1.2 Rainfall in SJ CET (Rainfall in CM)

### 1.2.1 2022 (Jan to Dec)



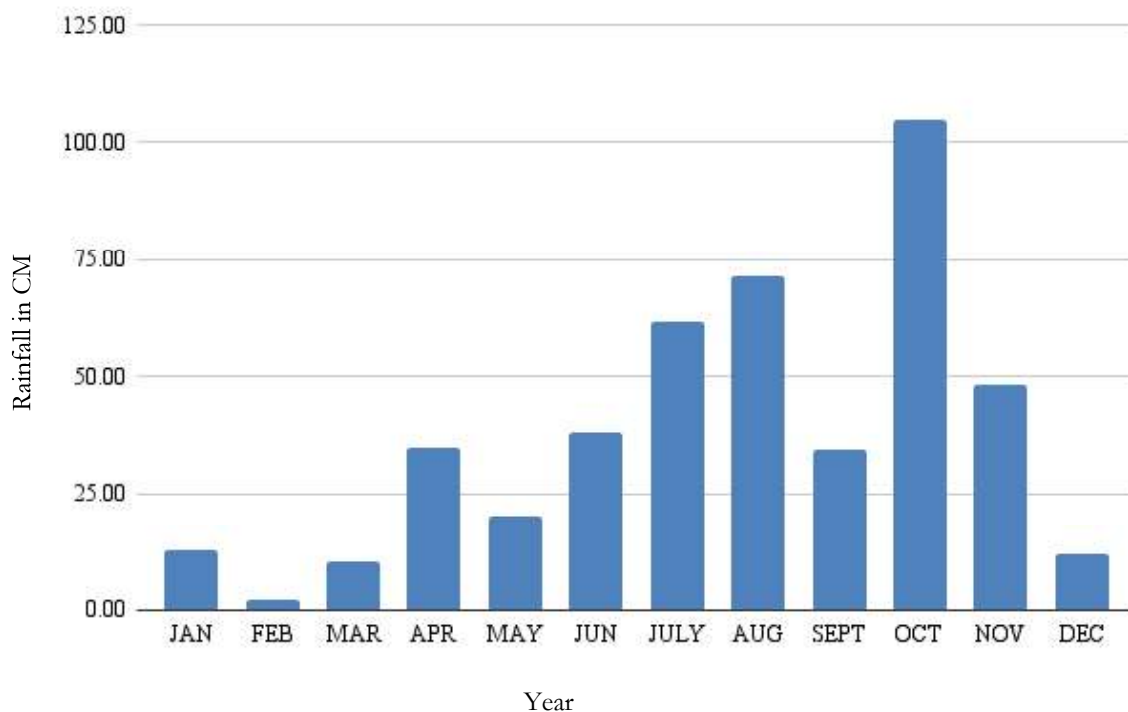
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
YEAR													
<b>2022</b>	1.56	0.50	27.94	56.37	77.46	27.82	58.64	77.30	23.66	34.60	54.56	12.78	453.19



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## 1.2.2 2021 (Jan to Dec)



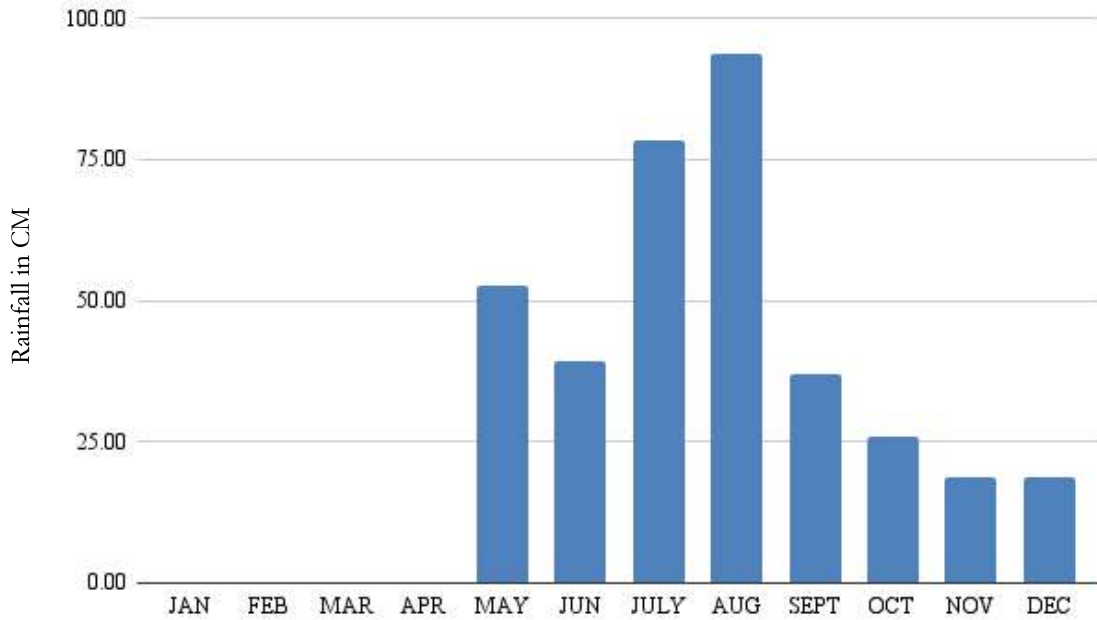
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
YEAR													
2021	12.72	2.42	10.18	34.68	20.00	38.00	61.70	71.49	34.54	104.88	48.20	12.18	450.99



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## 1.2.3 2020 (Jan to Dec)



MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
YEAR													
2020	0.00	0.00	0.26	0.00	52.70	39.38	78.36	93.68	36.88	25.92	18.61	18.88	364.67

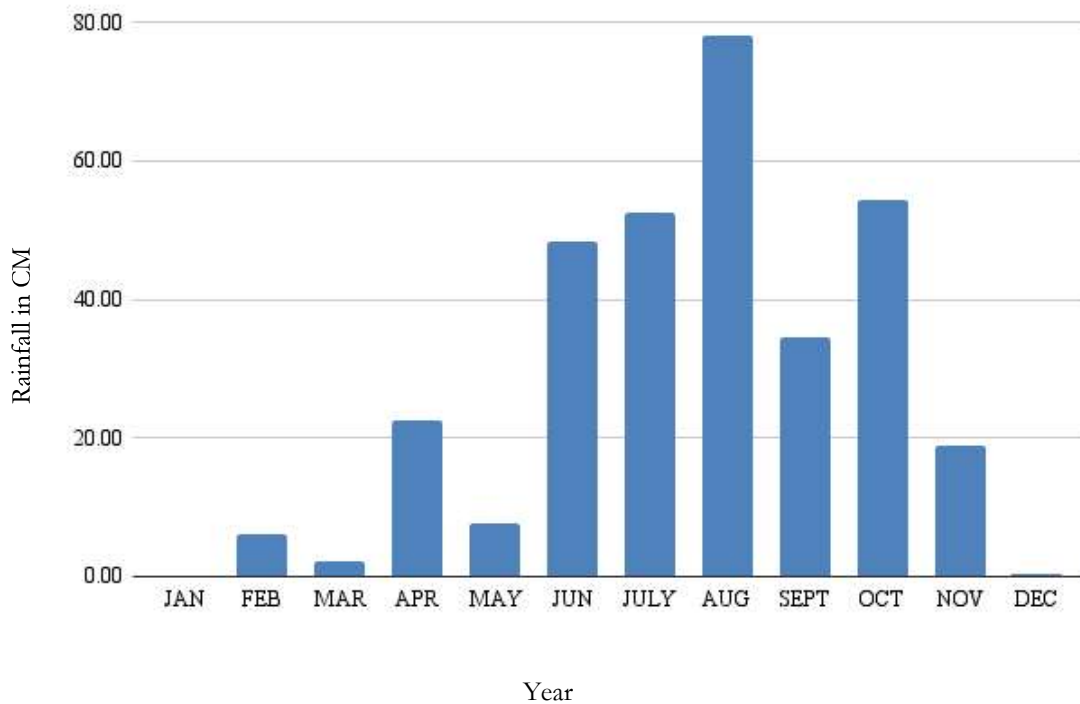
Year



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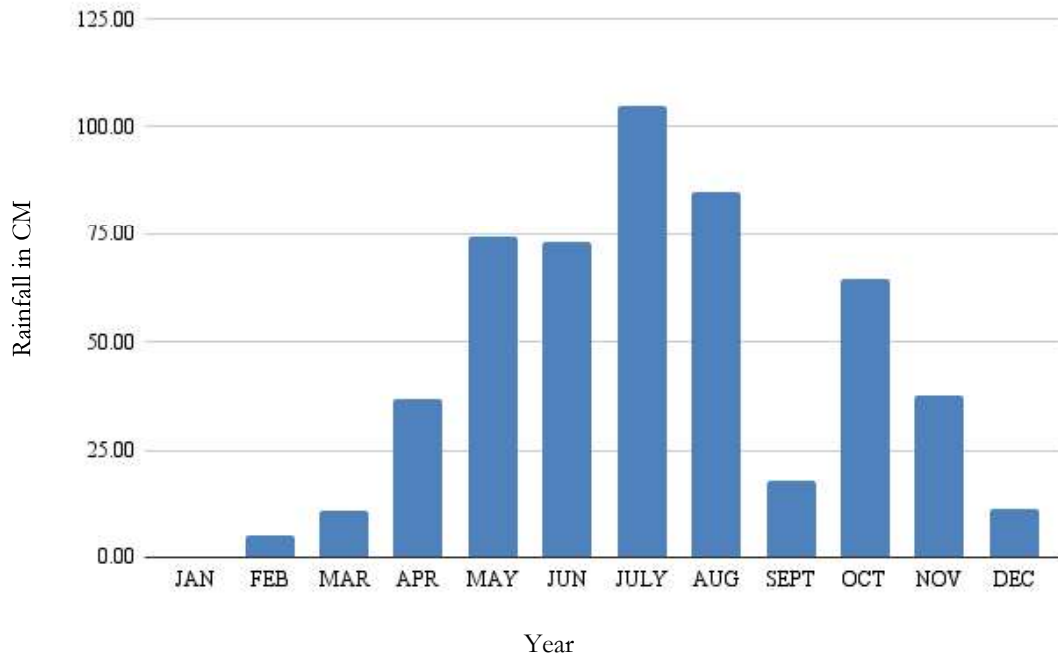
## 1.2.4 2019 (Jan to Dec)



MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL	
YEAR	2019	0.00	6.02	2.24	22.56	7.66	48.34	52.40	77.98	34.48	54.22	19.00	0.44	325.34



### 1.2.5 2018 (Jan to Dec)

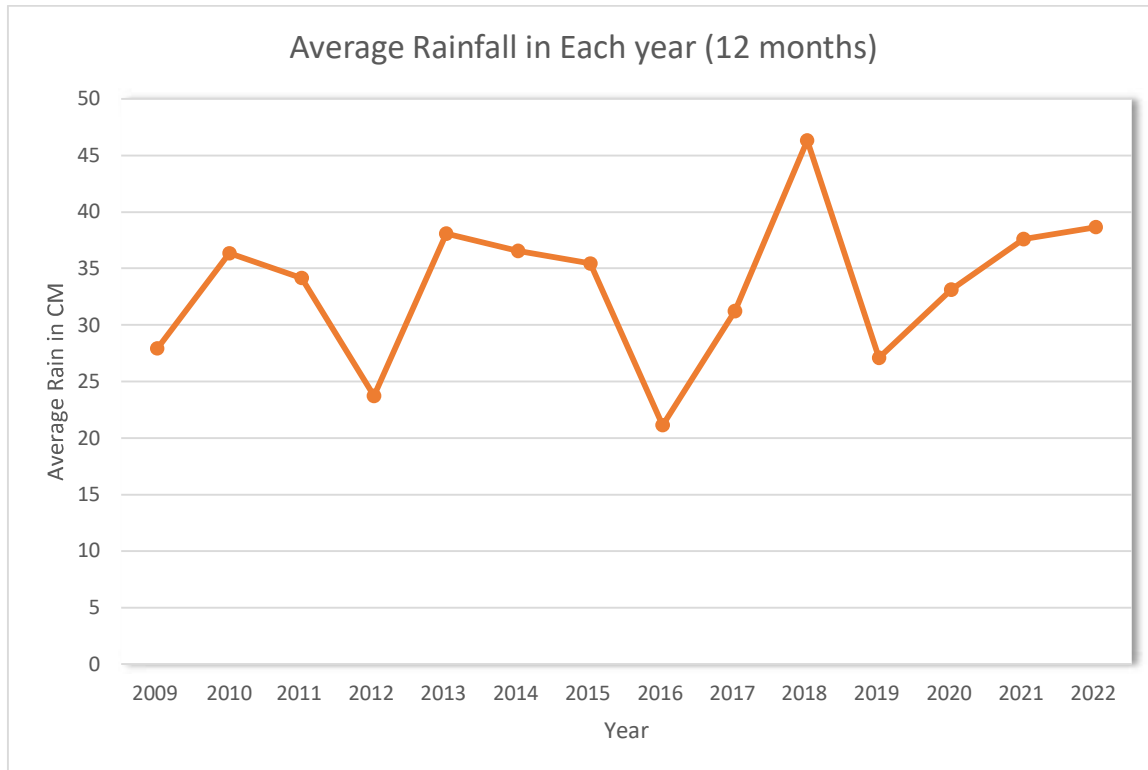


MONTH	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
YEAR													
<b>2018</b>	0.00	4.96	10.74	36.70	74.20	72.98	104.70	85.08	17.58	64.36	37.76	11.12	<b>520.18</b>





### 1.3 Average Rainfall in different years





#### 1.4 The temperature recorded at Meterological Measurement Centre

Year	Minimum Temperature	Maximum Temperature
2009	15.5 (13/02/2009)	36 (14/03/2009)
2010	18 (22/01/2010)	38 (11/03/2010)
2011	17 (24/01/2011)	37 (26/01/2011)
2012	16 (02/02/2012)	38 (27/02/2012)
2013	15.5 (16/01/2013)	35 (02/04/2013)
2014	17 (01/01/2014)	36 (13/03/2014)
2015	17 (12/01/2015)	35 (20/01/2015)
2016	17 (05/01/2016)	39 (29/02/2016)
2017	16 (19/01/2017)	38 (02/01/2017)
2018	18 (09/01/2018)	40 (09/03/2018)
2019	16 (17/01/2019)	39 (26/03/2019)
2020	18 (13/01/2020)	39 (12/02/2020)
2021	16 (11/02/2021)	37 (04/03/2021)
2022	18 (14/02/2022)	38 (15/03/2022)

Highest recorded temperature for the years 2009 – 2022 was **40 °C** on **9<sup>th</sup> March 2018**

Lowest recorded temperature for the years 2009 – 2022 was **15.5 °C** on

**13<sup>th</sup> February 2009 & 16<sup>th</sup> January 2013**

Highest recorded temperature for the year 2022 was **38 °C** on **15<sup>th</sup> March 2022**

Lowest recorded temperature for the year 2022 was **18 °C** on **14<sup>th</sup> February 2022**



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## Highest and Lowest Temperature measured in different year

