

रायपुर- माह नवम्बर का जलवायु लक्षण

माह अक्तुबर के प्रथम पखवाडे के दौरान दक्षिण - पश्चिम मानसून के पिछे हटने पर दिन के तापमान में बढ़त और रात में शीतलता बढ़ने लगती है। माह नवम्बर से मौसम सामान्यतः अच्छा मुख्यतः खुला आसमान या आंशिक मेघाच्छादित होता है। जैसे जैसे दिन आगे बढ़ता है दिन के तापमान में भारी गिरावट आती है। सतही हवाएं सामान्यतः हल्की और उनका रूख उत्तरीय या उत्तरीपूर्वी हो जाता है।

इस माह की औसत वर्षा 14.0 मि.मी. तथा वर्षा कम दिनों की औसत संख्या 1 है। अधिकांशतः पर्याप्त वर्षा चक्रवातीय तूफानों के साथ आती है, या बंगाल की खाड़ी या अरब सागर से अबदाब थलाभिमुख होता है। यह माह सामान्यतः गर्जन के साथ तूफान की गतिविधियां से मुक्त रहता है। और ओला तूफान की संभावना बहुत कम होती है।

इस माह में दिन का औसत तापमान 30.0 से 33 डि.से. और रात्रि का औसत तापमान 13.0 से 17 डि.से. के बीच रहता है।

उपलब्ध अभिलेख के आधार पर रायपुर में अधिकतम उच्चतम तापमान 2 नवम्बर 1935 को 35.6 डि.से. रिकार्ड किया गया, 22 नवम्बर 1883 को निम्नतम न्यूनतम तापमान 8.3 डि.से., सन 1924 में अधिकतम कुल मासिक वर्षा 138.2 मि.मी. और 2 नवम्बर 1930 में 24 घंटे में 70.4 मि.मी. है।

इस माह में पिछले दस वर्षों में अभिलेखित औसत न्यूनतम तापमान, निम्नतम न्यूनतम तापमान और उसकी दिनांक दी गई है।

वर्ष	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
औसत न्यूनतम तापमान डि.से.	18.1	18.1	20.3	17.3	17.7	17.6	17.7	19.4	16.9	18.8
निम्नतम न्यूनतम तापमान डि.से.,	12.6	12.3	15.4	15.0	13.3	13.5	13.6	17.1	14.0	14.3
दिनांक	25	23	23	30	18	15	19,20	23	20	26

CLIMATIC FEATURES OF RAIPUR DURING NOVEMBER

The following are general climate feature during the month of November of Raipur based on past data.

After the withdrawal of southwest monsoon by the first fortnight of October. There is a rise in day temperature and the night's starts getting cooler. By November, the post monsoon season establishes itself and weather is generally fine with mainly clear or slightly cloudy sky. The sultry weather of October is absent and nights are much cooler than those in October. A day temperature also starts falling as the month advances. Surface winds are generally light and usually have a Northerly or North Easterly direction.

There are on an average only 1 rainy day normal rainfall of 14.0 mms. Substantial rainfall usually occurs in association with cyclonic storm or depression in the Bay of Bengal or Arabian Sea moving inland.

This month having rare Thunderstorm activity and devoid of any Hailstorm. The normal day temperature during this month ranges from 30.0°C to 33.0°C and night temperatures ranges from 13.0°C to 17.0°C.

On the basis of available records, Raipur experiences following extremes values :-

1. *The Highest Maximum Temperature of 35.6°C on 2nd November 1935.*
2. *The Lowest Minimum Temperature of 8.3 °C on 22nd November 1883.*

3. The Highest Monthly Total Rainfall of 138.2 mms. in the year 1924.
4. The Heaviest Fall in 24 hrs. was 70.4 mms. on 2nd November, 1930.

The mean minimum temperature of the month and the lowest minimum temperature in Degree Celsius with date during the last decade are indicated in the following table.

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Mean Min. Temp.in °C	18.1	18.1	20.3	17.3	17.7	17.6	17.7	19.4	16.9	18.8
Lowest Min. Temp. in °C	12.6	12.3	15.4	15.0	13.3	13.5	13.6	17.1	14.0	14.3
Recorded Date	25	23	23	30	18	15	19,20	23	20	26

CLIMATIC FEATURES OF RAIPUR DURING NOVEMBER

The following are general climate feature during the month of November of Raipur based on past data.
Daily Temperature

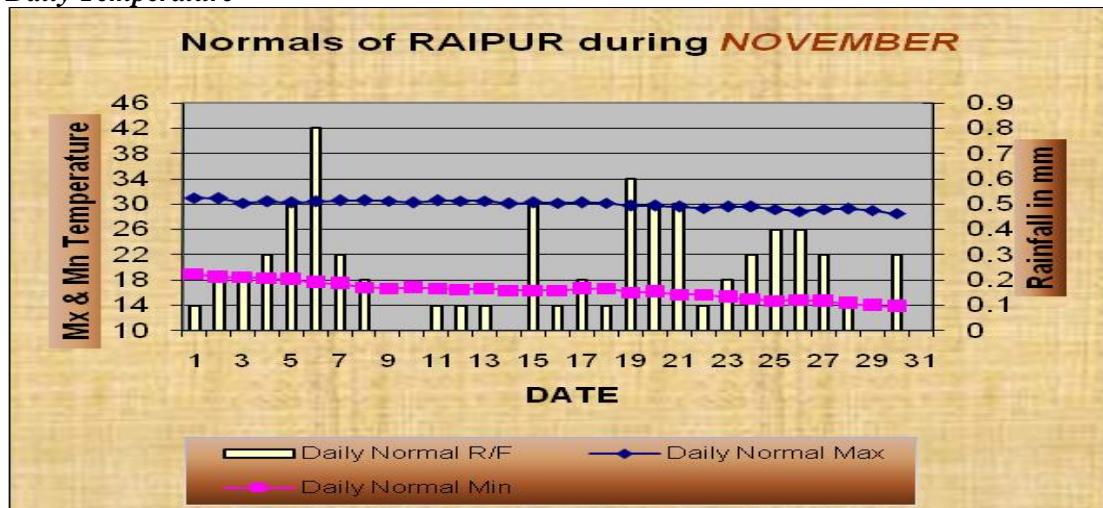


Fig 1

The Daily Normal Maximum, Minimum & Rainfall is shown in Fig 1 Above.

Extreme Temperature

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2. The Lowest Minimum Temperature of 8.3 °C on 22nd November 1883.

The mean minimum temperature of the month and the lowest minimum temperature in Degree Celsius with date during the last decade are indicated in the following table.

Rainfall

3. The Highest Monthly Total Rainfall of 138.2 mms. in the year 1924.
4. The Heaviest Fall in 24 hrs. was 70.4 mms. on 2nd November, 1930.

5. There are on an average only 1 rainy day normal rainfall of 14.0 mms.

Weather phenomena

Average number of days with different Weather phenomena is given below in the table.

<i>Rainy Days</i>	<i>Drizzle/Rain (>0.3mm)</i>	<i>Hail</i>	<i>Thunder</i>	<i>Squall</i>	<i>Dust Storm</i>	<i>Gale</i>	<i>Fog</i>
<i>1</i>	<i>1.4</i>	<i>0.0</i>	<i>0.1</i>	<i>0.0</i>	<i>0.0</i>	<i>0</i>	<i>0.0</i>

Chattisgarh: Raipur, Jagdalpur, Ambikapur, Durg, Bilaspur, Pendra.

Raipur		November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH					
Year	Temperature(oC)		Rainfall (mm)		
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)	
2017	32.1(21)	14.3(26)	0()	0.0	
2016	32.2(9)	14(20)	0()	0.0	
2015	33.8(16)	17.1(23)	0()	0.0	
2014	33.2(16)	13.6(19,20)	0()	0.0	
2013	32(25,26)	13.5(15)	0()	0.0	
2012	31.6(24)	13.3(18)	14.8(5)	23.2	
2011	33.5(06,07)	15(30)	0()	0.0	
2010	33.2(18)	15.4(23)	36(13)	39.7	
2009	34.7(14)	12.3(23)	26.8(16)	59.9	
2008	33.7(21)	12.6(25)	0()	0.0	
ALL TIME RECORD	35.6(02.11.1935)	8.3(22.11.1883)	70.4(02.11.1930)	138.2 (1924)	

Bilaspur		November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH					
Year	Temperature(oC)		Rainfall (mm)		
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)	
2017	32(21)	11.4(26,28)	1.6(16)	1.6	
2016	31.5(5)	11.2(23)	0()	0.0	
2015	32.9(16,17)	15.4(27)	0()	0.0	
2014	33.4(30)	11.1(20)	0()	0.0	
2013	33(25)	11.2(14)	0()	0.0	
2012	31.2(28)	11.3(17)	5.4(4)	10.8	
2011	33.5(6)	13.4(17)	0()	0.0	
2010	33.5(27)	12(23)	13.6(2)	29.5	
2009	35.1(15)	9.2(30)	21.2(18)	47.8	
2008	32.6(20,21)	11(27)	3.6(21)	3.6	
ALL TIME RECORD	35.1(15.11.2009)	9.2(30.11.2009)	21.2(18.11.2009)	47.8 (2009)	

Pendra		November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH					
Year	Temperature(oC)		Rainfall (mm)		
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)	
2017	31.6(20)	9.9(24,27)	0()	0.0	
2016	30.1(5)	11(19)	0()	0.0	
2015	30.5(16)	11.4(21)	0()	0.0	
2014	30.7(15)	8.5(19)	0()	0.0	
2013	30(1)	10.1(14)	0()	0.0	
2012	29(1)	9.5(17)	26.1(3)	45.2	
2011	31.1(4,5,6)	11.4(30)	0()	0.0	
2010	31.1(26)	10.6(22)	0.3(1)	0.7	
2009	32.1(2)	7.6(22)	27.2(18)	95.9	
2008	31.8(1)	7.9(23)	6.8(21)	10.4	
ALL TIME RECORD	33.5(04.11.2001)	6.1(21.11.1926)	63.2(25.11.1977)	142.0 (1924)	

Jagdalpur		November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH					
Year	Temperature(oC)		Rainfall (mm)		
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)	
2017	31.6(23)	10.5(29)	0()	0.0	
2016	33.6(3)	9.5(26)	0()	0.0	
2015	31.9(09,28,29)	13.5(25)	0.3(17)	0.4	
2014	31.7(12,16)	9.4(26)	1.9(13)	1.9	
2013	31.5(23)	9.3(15)	4.8(24)	7.3	
2012	30.8(23,25)	8.5(17)	13.6(4)	26.0	
2011	31.7(28)	10.6(18)	0()	0.0	
2010	31.3(20,21)	16.3(26)	27(11)	74.9	
2009	34.1(15)	9.1(29,30)	5.9(7)	10.4	
2008	32.3(2)	11.5(26)	2(20)	2.0	
ALL TIME RECORD	34.1(15.11.2009)	5.6(30.11.1912)	102.9(26.11.1924)	153.2 (1924)	

Ambikapur		November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH					
Year	Temperature(oC)		Rainfall (mm)		
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)	
2017	27.8(6)	8.8(28)	0.7(16)	9.0	
2016	27.8(03,04)	9.6(19)	0()	0.0	
2015	28.8(8)	11(27)	0()	0.0	
2014	27.5(12)	9.1(27)	0()	0.0	
2013	27.3(1)	9.8(14)	0()	0.0	
2012	27.8(2)	8.3(17)	22.7(4)	58.9	
2011	28.1(6)	9.9(30)	0()	0.0	
2010	29(28)	10.4(23)	11(1)	24.5	
2009	29.8(14)	7.5(22)	31.8(18)	58.3	
2008	28.8(1)	8.6(24,25,26)	2.7(21)	2.7	
ALL TIME RECORD	32.4(07.11.1976 & 04.11.1981)	4.2(30.11.1970)	33(15.11.1987)	89.6 (1997)	

Durg	November		DNA- Data Not Available	
EXTREME WEATHER EVENTS FOR THE MONTH				
Year	Temperature(oC)		Rainfall (mm)	
	Highest Maximum(Date)	Lowest Minimum(Date)	24 Hours Highest (Date)	Monthly Total(mm)
2017	32.4(22)	10.4(26)	0()	2017.0
2016	33.4(29)	10.8(22)	0()	0.0
2015	33.2(9)	14.8(22,23)	0()	0.0
2014	33.4(13)	10.2(20)	0()	0.0
2013	33(26)	10.9(16)	0()	0.0
2012	31.8(26)	11.2(18)	8.6(3)	15.0
2011	32.6(8,13)	12.5(3)	0()	0.0
2010	34.5(11)	14.1(23)	18.2(13)	23.6
2009	33.6(15)	10.4(29)	53.2(16)	92.5
2008	NA()	NA()	NA()	NA
ALL TIME RECORD	38.3(03.11.1975)	9(30.11.1974 & 30.11.1975)	59.6(26.11.1972)	92.5 (2009)