



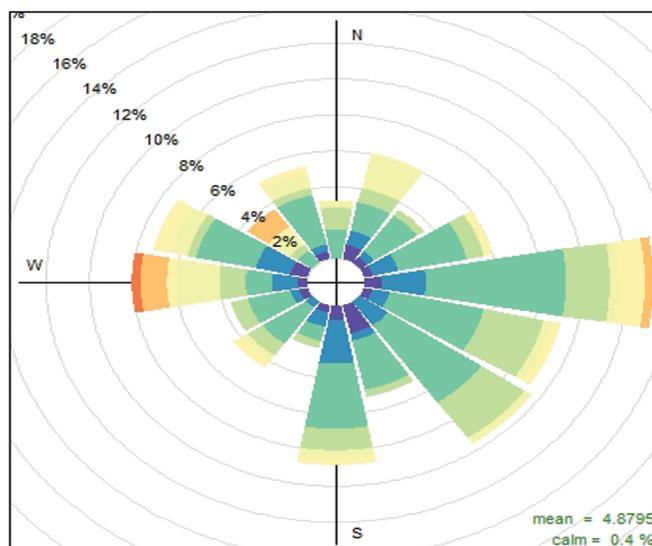
भारत सरकार / GOVERNMENT OF INDIA

पृथ्वी विज्ञान मंत्रालय/ MINISTRY OF EARTH SCIENCES

भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

रेडियो सौन्डे और रेडियो विंड के मासिक सामान्य मूल्य (१९८१ - २०१०)
तथा मासिक उपरिवायु के पवन दिग्दर्शक आरेख (२००० - २०१५)

MONTHLY NORMALS OF RADIOSONDE AND RADIOWIND (1981-2010) AND
MONTHLY UPPER AIR WINDROSE DIAGRAMS (2000-2015)



रायपुर
RAIPUR

सितम्बर २०२०

SEPTEMBER 2020



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जलवायु आंकड़ां प्रबंधन समूह /CLIMATE DATA MANAGEMENT AND SERVICES GROUP
जलवायु अनुसंधान एवं सेवाएँ कार्यालय पुणे /OFFICE OF HEAD CLIMATE RESEARCH & SERVICES PUNE

सितम्बर २०२०
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PREFACE

India Meteorological Department (IMD), Ministry of Earth Sciences, brings out publications on varied meteorological topics. Normals of Radiosonde and Radiowind data has been published by the Climate Data Management and Services Group (CDMS), Office of Climate Research and Services (C R & S), IMD Pune since 1979. Four such publications have been published till date. The present publication ‘Monthly Normals of Radiosonde and Radiowind (1981-2010) and Monthly Upper Air Windrose Diagrams (2000-2015)’ is prepared using 0000 UTC (0530 IST) observation data from 35 Radiosonde and Radiowind (RS/RW) Upper Air stations for the period 1981-2010 and wind profile data of 34 RS/RW stations for the period 2000-2015 at eight different levels (1000, 925, 850, 700, 500, 300, 200, 100 hPa). The wind rose diagrams are prepared using R software after processing the RS/RW data by applying various quality checks. The present publication provides the climatology of different meteorological parameters at various levels over the station **Raipur** (Latitude $21^{\circ}14'N$, Longitude $81^{\circ}39'E$).

The first part of this publication contains wind roses which provide comprehensive wind frequency information from each direction with various ranges of wind speed. Wind rose is a graphical tool prepared in order to summarise the information about wind speed and wind direction for the station. The tables adjoining to each wind rose diagrams contain information of frequency of occurrence of wind speed in percentage at different ranges of wind direction. In wind roses, the most regular structure comprises of a circle from which eight or sixteen lines come out, one for each direction. The length of each line denotes the occurrence of wind from that direction and the occurrence of calm conditions is entered in the centre. The wind rose diagrams prepared in this publication will be an essential source of information to the distribution pattern of wind direction and wind speed over the station. The information generated in this publication regarding wind roses is expected to be useful and have several applications in the fields such as environmental impact assessment, industrial emissions measurements, wind energy, agriculture engineering, ambient air monitoring, air quality measurements, air dispersion modelling, etc.

The second part of the publication contains information related to station normals which comprises of altitude of standard pressure levels (mean, highest and lowest), normal values of upper air temperatures (mean, highest, lowest and dew point), resultant wind direction, resultant wind velocity and scalar wind speed at standard pressure levels. Besides, it also contains normal values of pressure and altitude of freezing level and pressure, altitude and temperature of tropopause.

The entire work of this publication has been done by a group of officers and staff members led by Shri. Sudeep Kumar B L, Scientist- C, Shri Nahush Kulkarni, Scientist- C, CDMS Group, O/o Climate Research & Services (C R & S), IMD Pune under the guidance of Shri. A.D. Tathe, Scientist E, Group Head, CDMS Group. The valuable contributions were made by Shri. G.S. Dhekne, Met. B, Shri.R.M. Walke, Met. A, Shri. S.H. Bhagwat, Met. A, Shri. R.V. Ghoge, Met. A, Smt. Geetha Harikumar, Met. A, Smt. Hasina Nisar, Met. A, Smt. Vaishali Jadhav, Met A , Smt. S.H.Joshi, Met A and S.H. Sangale S.A. towards the preparation of this publication. It is hoped that the information from this publication will be useful to the scientific community and operational activities at their particular stations.

Pune

September 2020

Dr. D. S. Pai

Head C R & S

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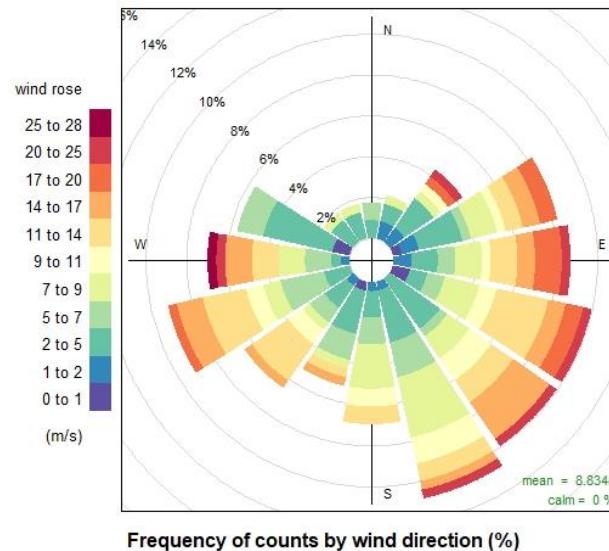
Description of various terms used in the table (Normals of Radiosonde data)

SN.	Terms	Description
1	PRESSURE	Standard Pressure levels in hPa (1000 to 7 hPa)
2	HEIGHT	Mean altitude of isobaric levels in gpm.
3	Hmax	Highest altitude of monthly mean values in gpm.
4	Hmin	Lowest altitude of monthly mean values in gpm.
5	TEMP	Mean dry bulb air temperature in °C.
6	TMAX	Highest value of temperature in °C observed at particular isobaric level
7	TMIN	Lowest value of temperature in °C observed at particular isobaric level
8	DEWPT	Mean dew point temperature in °C.
9	DIR	Mean resultant wind direction in degrees .
10	VELO	Mean resultant wind velocity in mps (vector mean).
11	U	The resolved part of wind velocity in East direction (East component)
12	V	The resolved part of wind velocity in North direction (North component)
13	VM	Mean wind speed irrespective of direction in mps (scalar mean).
14	P	Mean pressure of freezing and tropopause levels in hPa .
15	Height	Altitude of freezing and tropopause levels in gpm .
16	H_max	Highest altitude of freezing level of monthly mean values in gpm.
17	H_min	Lowest altitude of freezing level of monthly mean values in gpm .
18	SURFACE	Station level atmospheric pressure in hPa.
19	FIRST TROPOPAUSE	Tropopause observed at altitude less than 14 Km .
20	SECOND TROPOPAUSE	Tropopause observed at altitude more than 14 Km .

Description of terms used in the table (Wind rose table)

1	Speed	Range of wind velocity in mps
2	Direction	Range of wind direction in degrees

Interpretation of wind rose diagrams:



A wind rose diagrams at different upper air levels gives a very concise but information-laden view of how wind speed and direction are typically distributed at a particular location and month.

- The diagrams normally comprises of 8, 16 or 32 radiating spokes, which represent wind directions in terms of the cardinal wind directions (North East South West) and their intermediate directions.
- Presented in a circular format, the wind rose shows the frequency of winds blowing FROM particular directions.
- The length of each "spoke" around the circle is related to the frequency of time that the wind blows from a particular direction and each of the spokes are color-coded along their length to indicate the speed of the wind.
- Each concentric circle represents a different frequency, emanating from zero at the centre to increasing frequencies at the outer circles.

The circular format of the wind rose shows the direction the winds blew from and the length of each "spoke" around the circle shows how often the wind blew from that direction.

Raipur

January

1000 hPa level

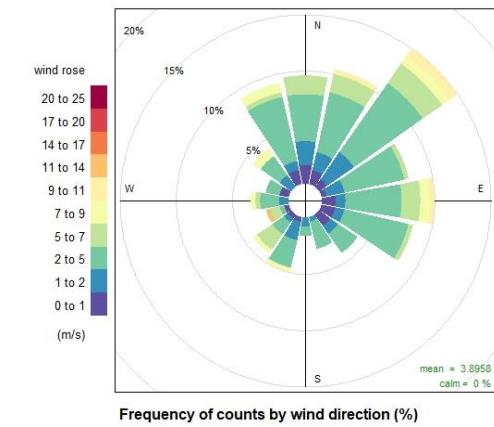
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

January

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		1.7	2.1	4.2	1.7	0	0	0	0	0	0	0
12-33		1.2	1.7	5.4	1.7	0	0.4	0	0	0	0	0
34-56		0.8	2.9	7.5	2.1	0.8	0.8	0	0	0	0	0
57-78		0.4	1.7	5.4	0.4	0	0	0	0	0	0	0
79-101		1.2	0.8	5	1.7	0.8	0.4	0	0	0	0	0
102-123		1.2	0.8	5.8	0.4	0	0	0	0	0	0	0
124-146		1.2	0.8	2.1	0	0	0	0	0	0	0	0
147-168		0	0.4	2.5	0	0	0	0	0	0	0	0
168-191		0	0.8	0.8	0	0	0	0	0	0	0	0
192-213		0.4	1.7	2.5	0	0.4	0	0	0	0	0	0
214-236		0.4	0.4	1.2	1.7	0.4	0	0	0	0	0	0
237-258		0.4	0	0.4	0.8	0	0	0.4	0	0	0	0
259-281		0	0.8	1.7	0.4	0.4	0	0	0	0	0	0
282-303		0.8	0	1.2	0	0	0	0	0	0	0	0
304-326		0	1.2	2.1	0	0.8	0	0	0	0	0	0
327-348		1.2	0.8	5.8	0.4	0.8	0	0	0	0	0	0

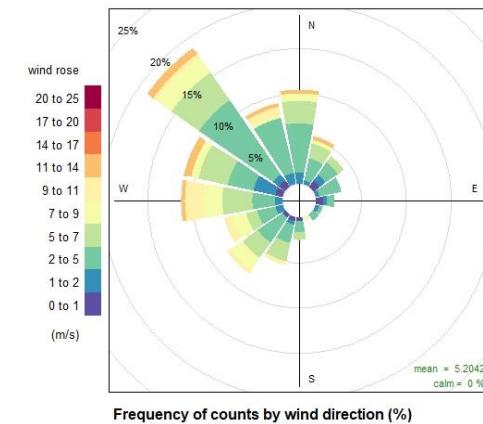


Raipur

January

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.2	5.4	2.5	0.8	0	0.4	0	0	0	0
12-33		0	0.4	2.5	1.7	0.4	0	0.4	0	0	0	0
34-56		0.8	0.8	1.7	0.8	0	0	0	0	0	0	0
57-78		0	0.4	2.5	0	0	0	0	0	0	0	0
79-101		0.8	0.4	0.8	0	0	0	0	0	0	0	0
102-123		0	0.4	0.4	0	0	0	0	0	0	0	0
124-146		0	0	0.8	0	0	0	0	0	0	0	0
147-168		0	0	0	0.4	0	0	0	0	0	0	0
168-191		0.4	0	1.2	0.8	0	0	0	0	0	0	0
192-213		0.4	0.4	2.1	2.1	0	0.4	0	0	0	0	0
214-236		0.4	0	3.3	2.1	1.7	0.4	0	0	0	0	0
237-258		0	0.8	2.1	1.2	1.7	0.8	0	0	0	0	0
259-281		0	0.8	2.5	3.3	2.1	2.1	0.4	0	0	0	0
282-303		0.8	2.5	2.9	3.3	0.8	0	0.8	0	0	0	0
304-326		0.8	0.8	10	3.8	2.1	0.4	0.8	0	0	0	0
327-348		0	1.2	6.2	0	0.4	0.8	0.4	0	0	0	0

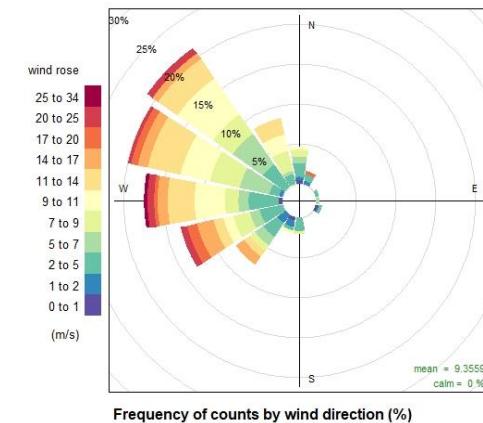


Raipur

January

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0.4	1.7	0.8	0.8	0.4	0	0	0	0	0
12-33		0	0.4	0.8	0	0	0	0	0	0.4	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0.4	0	0	0	0	0	0	0	0
79-101		0	0	0	0.4	0	0	0	0	0	0	0
102-123		0.4	0	0.4	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	1.7	0	0.4	0	0	0	0	0	0
192-213		0.4	0.8	0.4	0	0	0.4	0	0	0	0	0
214-236		0	1.3	2.1	1.3	0.8	0	0.8	1.3	0	0	0
237-258		0	0	3	1.3	2.1	1.3	1.3	2.1	1.3	0.8	0
259-281		0.4	0	3.8	1.3	1.7	3.8	3.4	1.3	0.4	0.8	0.4
282-303		0	0.4	1.3	3.8	3.8	3.8	4.2	1.3	0.8	0.4	0
304-326		0	0	3.4	4.7	3	5.5	3	0.8	0	0.8	0
327-348		0	0	1.3	0.4	2.5	2.1	2.1	0	0	0	0

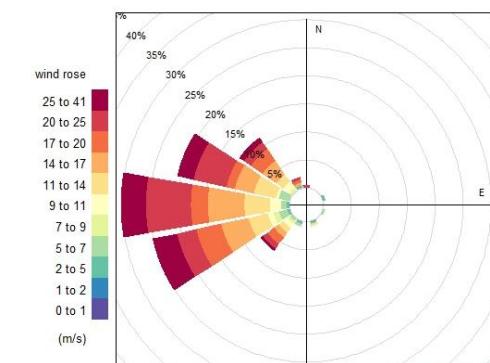


Raipur

January

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0.5	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0.5	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0.5	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0.5	0	0	0.5	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0.5	0.5	0	0	0	0	0	0	0
214-236		0	0	0	0.5	0.5	1	1	1	1.5	1	0.5
237-258		0	0	0.5	1.5	1	1	3.5	5	4.5	3.5	4.5
259-281		0	0	0.5	1	0	2	4.5	6.5	3	8	4.5
282-303		0	0	0	2	0	0.5	4	3.5	1.5	6	3
304-326		0	0	0	0	0.5	1.5	1.5	3	2.5	1.5	1
327-348		0	0	0.5	0	0	0	0	0.5	0.5	0.5	0

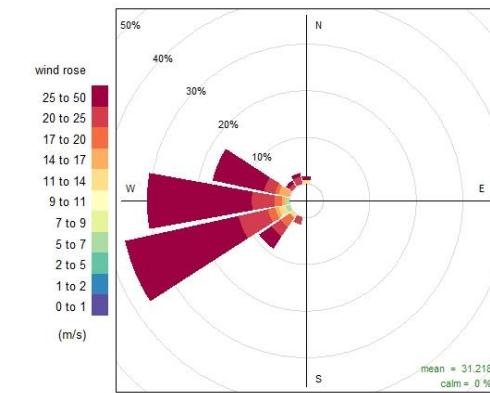


Raipur

January

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0.8	0	0	0	0.8
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	1.6	0
214-236		0	0	0	0	0	0.8	0	2.4	2.4	3.2	
237-258		0	0	0	0.8	0	0	1.6	0.8	1.6	6.5	25
259-281		0	0	0	0.8	0	0	0	0.8	1.6	4.8	22.6
282-303		0	0	0	0	0	0	0	2.4	0.8	2.4	11.3
304-326		0	0	0	0	0	0	0	0	0.8	0.8	
327-348		0	0	0	0	0	0	0	0	1.6	0.8	

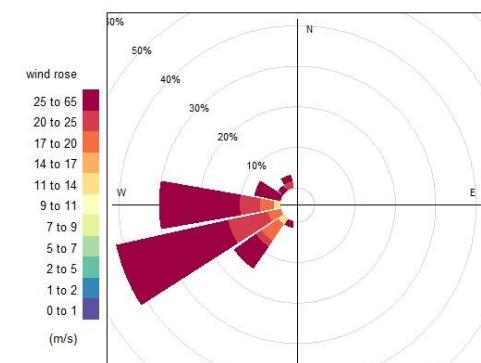


Raipur

January

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	1.7
214-236		0	0	0	0	0	1.7	0	5	1.7	6.7	
237-258		0	0	0	0	0	0	0	3.3	10	28.3	
259-281		0	0	0	0	0	1.7	0	3.3	5	20	
282-303		0	0	0	0	0	0	0	0	0	6.7	
304-326		0	0	0	0	0	0	0	0	0	0	1.7
327-348		0	0	0	0	0	0	0	0	0	1.7	1.7

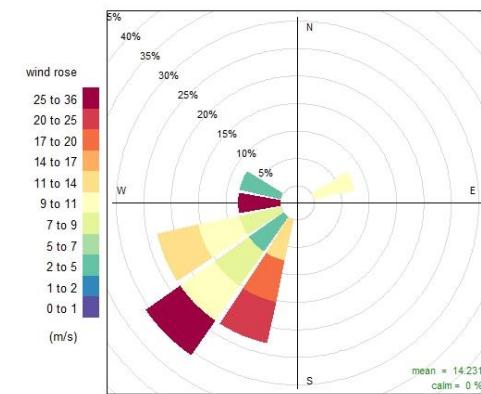


Raipur

January

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	7.7	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	7.7	0	7.7	7.7	0	
214-236		0	0	7.7	0	7.7	7.7	0	0	0	0	7.7
237-258		0	0	0	7.7	7.7	7.7	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	7.7
282-303		0	0	7.7	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

February

1000 hPa level

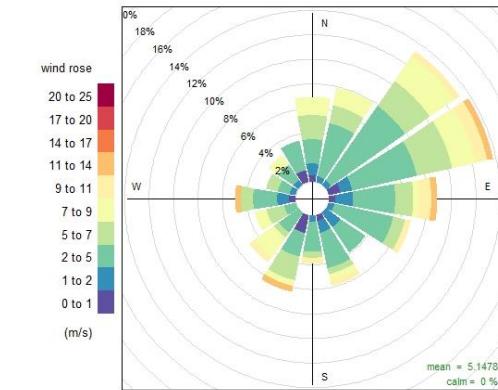
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

February

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	1	2	2	1.5	0	0	0	0	0	0
12-33		0	0.5	4.4	1.5	1.5	0	0	0	0	0	0
34-56		0	0.5	7.4	2.5	2.5	0.5	0	0	0	0	0
57-78		1	1	5.4	3	2	1	0.5	0	0	0	0
79-101		0.5	1.5	3.4	1.5	0.5	1	0.5	0	0	0	0
102-123		0	0.5	4.9	1	0	0.5	0	0	0	0	0
124-146		0	1.5	2.5	0	0	0	0	0	0	0	0
147-168		0.5	1	3	0.5	0.5	0.5	0	0	0	0	0
168-191		0	0.5	2.5	0.5	0	0.5	0	0	0	0	0
192-213		1.5	0	2	2	0.5	0	0.5	0	0	0	0
214-236		0	0	2	0.5	2	0.5	0	0	0	0	0
237-258		0	0	1	1.5	1	0	0	0	0	0	0
259-281		0.5	1	2	1	0	0	0.5	0	0	0	0
282-303		0	0.5	1	1	0	0	0	0	0	0	0
304-326		0	0.5	1.5	0	1	0	0	0	0	0	0
327-348		1	0	2.5	0	0	0	0	0	0	0	0

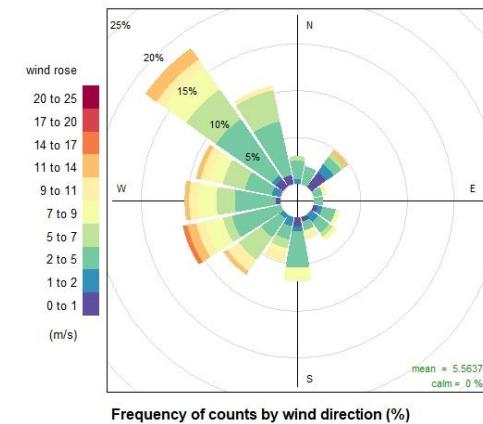


Raipur

February

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.5	2	0.5	0	0	0	0	0	0	0
12-33		0	0	2	0	0	0	0	0	0	0	0
34-56		2	1	1	0.5	0	0	0.5	0	0	0	0
57-78		0	0	1	0	0.5	0	0	0	0	0	0
79-101		0	0	1	0	0	0	0	0	0	0	0
102-123		0.5	0.5	1.5	0	0.5	0	0	0	0	0	0
124-146		0	1	1.5	0.5	0.5	0	0	0	0	0	0
147-168		0.5	0	1	0	0.5	0.5	0	0	0	0	0
168-191		1	0.5	3.9	0	1.5	0	0	0	0	0	0
192-213		0	1	1.5	1	0.5	1	0	0	0	0	0
214-236		0	0.5	2.5	2.9	0	1.5	0.5	0	0	0	0
237-258		0	0	5.4	1	2	1	1	0.5	0	0	0
259-281		0.5	0	4.4	2	2	1	0.5	0	0	0	0
282-303		0	1	2.9	2.5	1.5	1	0.5	0	0	0	0
304-326		1	0.5	7.4	3.9	2.9	1	1.5	0	0	0	0
327-348		1	0	5.9	3.4	0	0.5	0	0	0	0	0

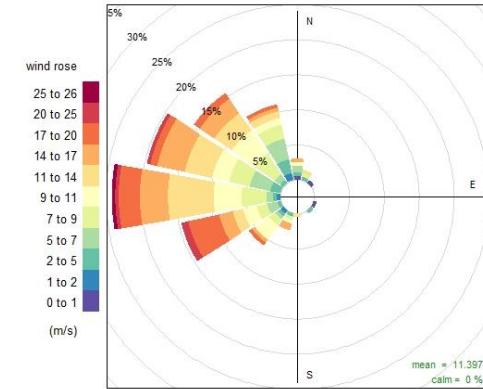


Raipur

February

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0	0.5	1	0	0.5	0	0.5	0	0	0
12-33		0	0	0.5	0	0.5	0	0.5	0	0	0	0
34-56		0.5	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0.5	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0.5	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0.5	0	0	0	0	0
192-213		0	0	0.5	0	0.5	0.5	0	1	0	0	0
214-236		0	0.5	0.5	0.5	1	2.5	0	0.5	0.5	0	0
237-258		0	0	0.5	1.5	1.5	2	1.5	2	4.5	1	0
259-281		0	0.5	0.5	1	3.5	4	6.5	4	3	0.5	0.5
282-303		0	0	1.5	3	3	2.5	4	4	1	0.5	0
304-326		0	0	0.5	1	3.5	4	3	2.5	1	0	0
327-348		0	1	2	3	2	1	1	0.5	0.5	0	0

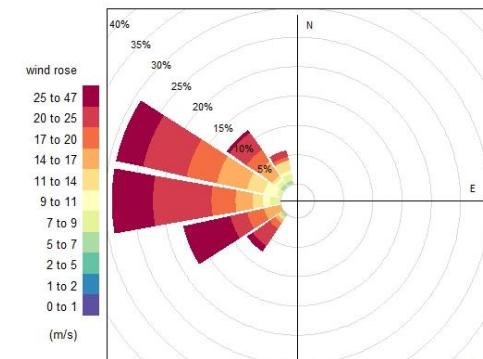


Raipur

February

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0.6	0	0	0.6	0.6	1.2	3.5	1.2
237-258		0	0	0	0	0	0	0	2.9	2.9	2.9	8.2
259-281		0	0	0	1.8	1.2	1.8	2.9	4.1	10	7.1	
282-303		0	0	0	0.6	2.4	2.9	5.3	5.3	7.6	4.7	
304-326		0	0	0	0.6	0.6	0.6	2.9	2.4	3.5	0.6	
327-348		0	0	0	0.6	1.2	0.6	1.8	0	0.6	1.2	0

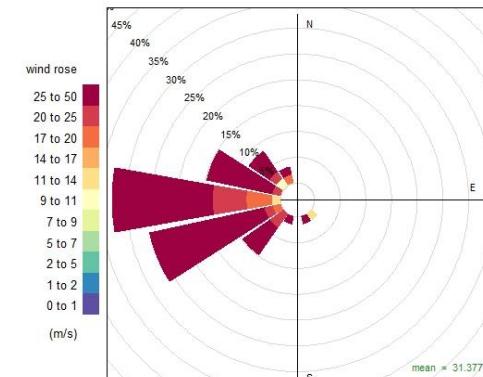


Raipur

February

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	1.6
192-213		0	0	0	0	0	0	0	0	0	0	1.6
214-236		0	0	0	0	0	0	0	0	0	3.3	6.6
237-258		0	0	0	0	0	0	0	1.6	1.6	1.6	23
259-281		0	0	0	0	0	0	1.6	0	4.9	6.6	19.7
282-303		0	0	0	0	0	0	0	0	1.6	1.6	13.1
304-326		0	0	0	0	1.6	0	0	0	0	1.6	4.9
327-348		0	0	0	0	0	0	0	1.6	0	1.6	

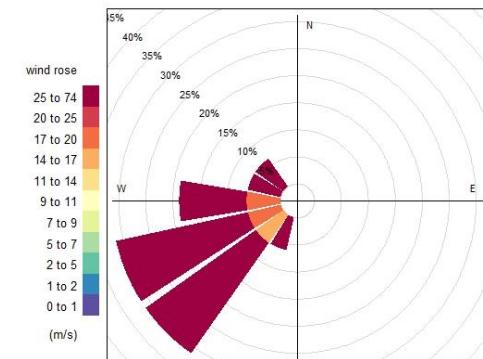


Raipur

February

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	6.2
214-236		0	0	0	0	0	0	6.2	0	0	0	25
237-258		0	0	0	0	0	0	0	6.2	0	0	25
259-281		0	0	0	0	0	0	0	6.2	0	0	12.5
282-303		0	0	0	0	0	0	0	0	0	0	6.2
304-326		0	0	0	0	0	0	0	0	0	0	6.2
327-348		0	0	0	0	0	0	0	0	0	0	0

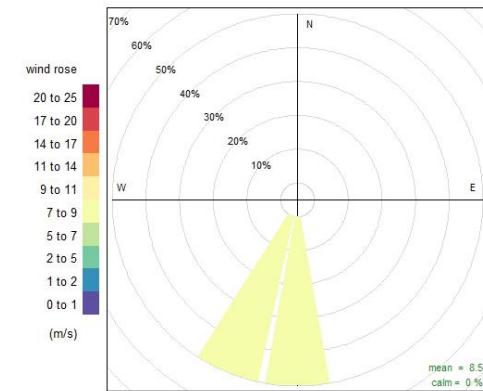


Raipur

February

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	50	0	0	0	0	0	0	0
192-213		0	0	0	50	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

March

1000 hPa level

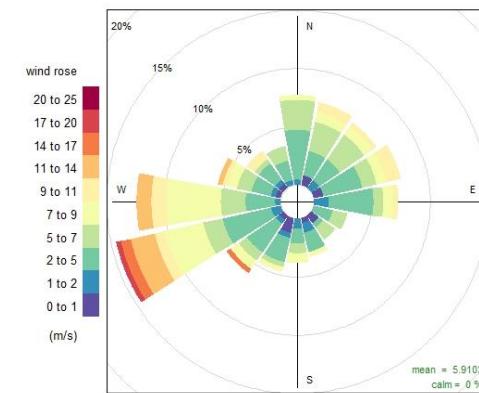
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

March

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	4.3	2.6	0.4	0	0	0	0	0	0
12-33		0.9	0	2.1	2.6	0.9	0.9	0	0	0	0	0
34-56		0	0.9	2.1	2.6	0.9	0.4	0	0	0	0	0
57-78		0.9	0	3.4	1.3	0.9	1.3	0	0	0	0	0
79-101		0	1.3	3.8	0.9	0.9	0.4	0	0	0	0	0
102-123		0	0	1.7	1.3	0	0	0	0	0	0	0
124-146		0.9	0	0.4	1.3	0	0	0	0	0	0	0
147-168		0.4	0.9	1.7	0	0.4	0	0	0	0	0	0
168-191		0	0.9	1.3	0.9	0.9	0	0	0	0	0	0
192-213		1.3	0.4	2.1	0.4	0.4	0	0	0	0	0	0
214-236		0.4	0.4	3	0.9	0.9	0	0	0.4	0	0	0
237-258		0	0.9	4.3	1.7	3.4	0.9	2.1	0.9	0.4	0	0
259-281		0	0.4	2.6	2.1	4.7	1.3	1.3	0	0	0	0
282-303		0.4	0.4	1.7	1.3	0.9	0.4	0.4	0	0	0	0
304-326		0.4	0.4	1.7	0.4	0	0.9	0	0	0	0	0
327-348		0	0.4	1.7	1.3	0	0	0	0	0	0	0

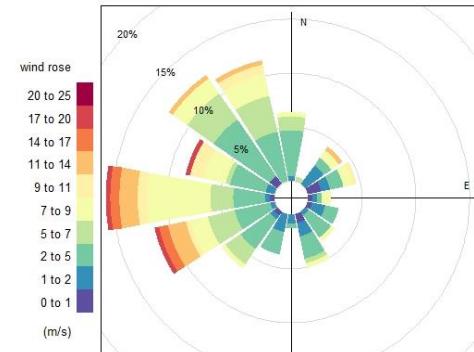


Raipur

March

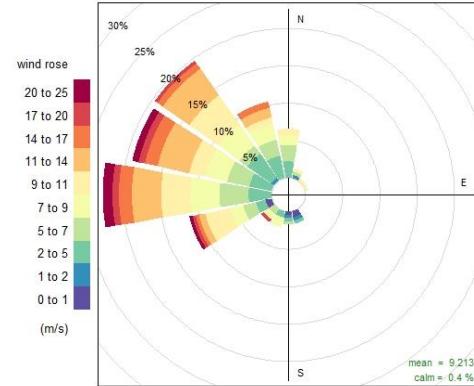
850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.4	4.2	1.3	0.4	0	0	0	0	0	0
12-33		0	0	0	0.4	0	0	0	0	0	0	0
34-56		0	2.1	0.8	0	0.8	0	0.4	0	0	0	0
57-78		1.3	0.8	1.3	0	0.8	0.4	0	0	0	0	0
79-101		0.4	0.4	0.4	0	0.8	0	0	0	0	0	0
102-123		0.4	1.3	1.3	0	0	0	0	0	0	0	0
124-146		0	0.4	2.5	0	0.4	0	0	0	0	0	0
147-168		0.8	0.8	2.1	0.4	0.4	0	0	0	0	0	0
168-191		0	1.3	0.4	0	0	0	0	0	0	0	0
192-213		0	1.7	2.1	0	0	0	0	0	0	0	0
214-236		0.4	0.4	3.4	1.7	0.4	0	0	0	0	0	0
237-258		0	0.4	3.4	2.5	1.7	0.4	1.7	0.8	0.4	0	0
259-281		0.4	0.4	3	2.1	5.9	0.8	1.7	0.8	0.4	0	0
282-303		0	0.8	3.4	0.4	2.1	1.3	0	0	0.4	0	0
304-326		0.8	0	6.4	3	1.7	0	0.4	0	0	0	0
327-348		0	0	4.7	3.4	2.1	0.8	0.4	0	0	0	0



Raipur March 700 hPa level

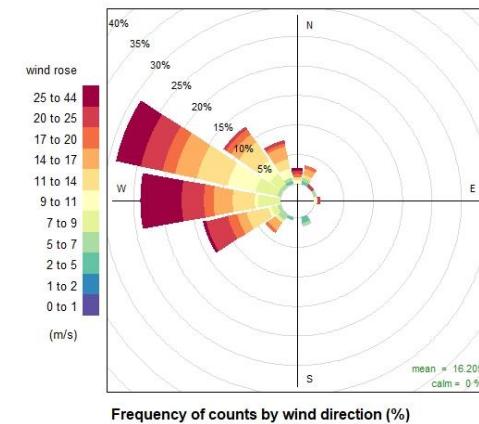
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	2.2	2.2	1.3	0.9	0	0	0	0	0
12-33		0	0.4	0	0.4	0	0.4	0	0	0	0	0
34-56		0	0	0	0	0	0.4	0	0	0	0	0
57-78		0	0	0	0	0	0.4	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0.9	0.4	0.4	0	0	0	0	0	0	0	0
168-191		0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
192-213		0	0	0.9	0	1.3	0	0	0	0	0	0
214-236		0	0	0	0.9	0.4	0.4	0	0	0.4	0	0
237-258		0.9	0	1.3	1.7	1.7	3.5	0.9	0.4	0.4	0.4	0
259-281		0	0	3	3.9	3.9	3.9	3.9	1.7	0.9	1.3	0
282-303		0	0	3	3	2.2	4.3	1.7	0.9	0.9	0.9	0
304-326		0	0.4	3.9	1.3	3.5	4.8	4.3	0.9	0.4	0	0
327-348		0	0	3	2.2	2.2	0.9	1.3	0.9	0	0	0



Raipur

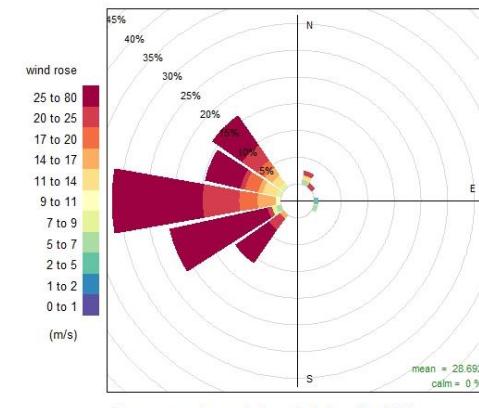
March 500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0.5	0.5	0	0.5	0.5	0.5
12-33		0	0	0.5	0.5	0	0	0.5	1.1	0.5	0	0
34-56		0	0	0	0	0	0	0	0	0.5	0	0
57-78		0	0	0	0.5	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0.5	0	0	0	0.5	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0.5	0.5	0	0	0	0	0	0	0
168-191		0	0	0.5	0	0	0	0	0	0	0	0
192-213		0	0	0.5	0	0	0	0	0	0	0	0
214-236		0	0	0	1.1	0.5	0	0	1.6	0.5	0	0
237-258		0	0	0	0.5	1.1	0.5	3.8	1.6	1.6	3.8	0.5
259-281		0	0	0	3.8	0.5	3.8	3.2	1.6	3.8	7	
282-303		0	0	0.5	3.8	4.9	5.4	3.8	2.2	3.8	4.3	
304-326		0	0	0	0.5	2.2	2.7	3.8	1.6	1.1	0.5	0
327-348		0	0	0.5	0.5	0	1.6	1.6	2.2	0.5	0.5	0



Raipur March 300 hPa level

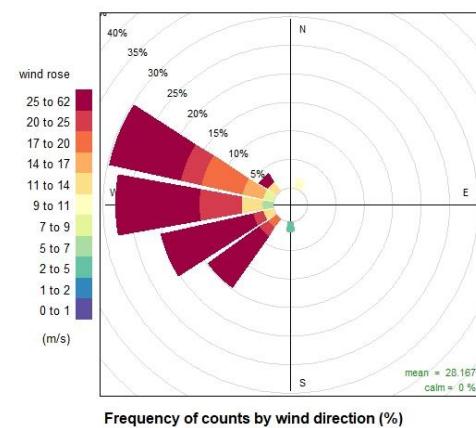
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0.9	0	0	0.9	0	0	0.9	0
34-56		0	0	0	0	0	0	0	0	0	0.9	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.9	0	0	0	0	0	0	0	0
102-123		0	0	0	0.9	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0.9	0	2.6	7.7	
237-258		0	0	0	0.9	0.9	0	0	0	0	0.9	18.8
259-281		0	0	0	0	0.9	0	3.4	3.4	6.8	17.1	
282-303		0	0	0	0.9	0	2.6	0.9	2.6	0.9	6.8	
304-326		0	0	0	0.9	0	1.7	1.7	1.7	3.4	3.4	6.8
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

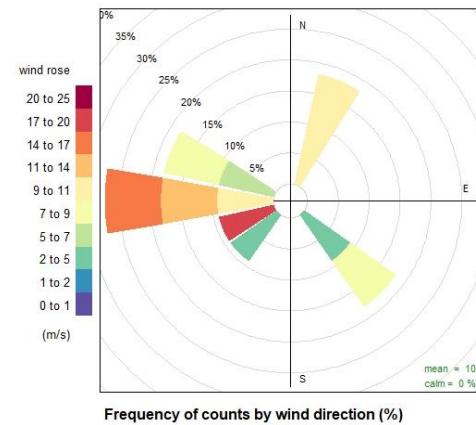
March 200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	1.9	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	1.9	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	1.9	1.9	11.1	0
237-258		0	0	0	0	0	1.9	0	0	0	1.9	16.7
259-281		0	0	0	1.9	0	0	3.7	0	0	7.4	14.8
282-303		0	0	0	1.9	0	0	3.7	7.4	3.7	3.7	13
304-326		0	0	0	0	0	1.9	0	0	0	0	1.9
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur March 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	18.2	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	9.1	0	9.1	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	9.1	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	9.1	0	0	0
259-281		0	0	0	0	9.1	9.1	9.1	9.1	0	0	0
282-303		0	0	0	9.1	9.1	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

April

1000 hPa level

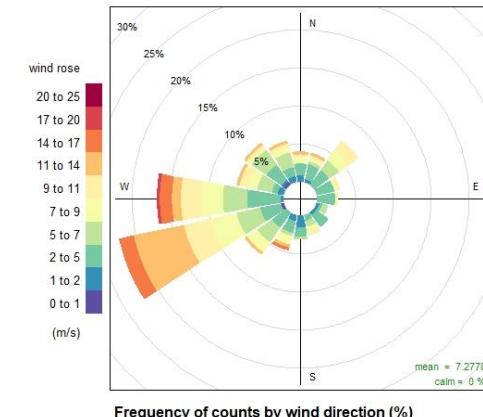
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

April

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.8	1.6	0	0.8	0.4	0.4	0	0	0	0
12-33		0	0.4	2	0.4	0.4	0.4	0.4	0	0	0	0
34-56		0	0	2.4	1.6	1.6	1.6	0	0	0	0	0
57-78		0	0	2.4	0	0.4	0.4	0	0	0	0	0
79-101		0	0	2.4	0	0.4	0	0	0	0	0	0
102-123		0	0.4	0.4	0.8	0	0	0	0	0	0	0
124-146		0	0.4	2	0	0	0	0	0	0	0	0
147-168		0	0	0.8	0.8	0.8	0.4	0	0	0	0	0
168-191		0	1.6	1.2	0.4	0	0	0	0	0	0	0
192-213		0	0.8	1.6	0.4	1.2	0	0.4	0.4	0	0	0
214-236		0	0	2.4	2.4	1.6	0	0.4	0	0	0	0
237-258	0	0.4	0	2.8	3.2	3.6	3.6	6.7	2	0	0	0
259-281		0	0.4	4.4	3.2	2.8	2.8	1.2	1.6	0.4	0	0
282-303		0	0.8	0.8	2	1.2	1.2	0.4	0	0	0	0
304-326		0.4	0.4	2.4	2.4	0.4	0.4	0.4	0	0	0	0
327-348		0	0.8	1.2	2	0.8	0.4	0.4	0	0	0	0

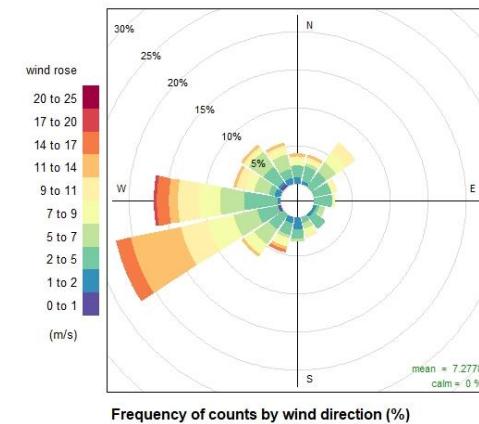


Raipur

April

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.8	2.8	1.2	0.8	0.4	0	0	0	0	0
12-33		0	0	2.8	0	0	0	0	0	0	0	0
34-56		0.4	0	3.6	0.8	0	0	0.8	0	0	0	0
57-78		0.8	0.4	0.4	0.8	0	0.8	0	0	0	0	0
79-101		0	1.2	0.8	0	0.4	0	0	0	0	0	0
102-123		0.8	0	0.8	0.4	0.4	0	0	0	0	0	0
124-146		0	0	0.4	0	0.8	0	0	0	0	0	0
147-168		0.4	0	1.2	0.4	0	0	0	0	0	0	0
168-191		0	0	0.8	0	0	0	0	0	0	0	0
192-213		0.8	0.4	1.6	0.8	0.4	0	0	0	0	0	0
214-236		0	0	1.6	0.4	0.4	0	0.4	0	0	0	0
237-258		0	1.2	0.8	1.6	1.6	2	0.4	0.8	0.8	0	0
259-281		0.4	0	5.2	4.8	4.8	3.6	3.6	1.2	0.8	0.4	0
282-303		0.4	0.8	3.2	2.8	2.4	2	0.4	0.4	0	0	0
304-326		0.4	0	4.8	2	5.2	0.8	0.8	0	0	0	0
327-348		0	0	2	1.2	2	1.2	0.4	0	0	0	0

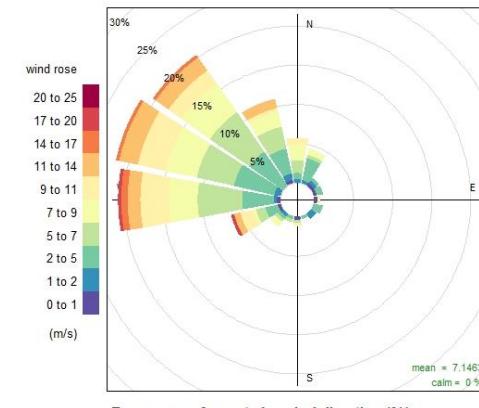


Raipur

April

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	0.8	1.6	2	0.8	0	0	0	0	0
12-33		0	0.4	2.8	0.4	0.8	0	0	0	0	0	0
34-56		0.4	0.4	0.4	0	0	0	0	0	0	0	0
57-78		0.4	0	0.8	0	0	0	0	0	0	0	0
79-101		0.4	0	0	0	0	0.4	0	0	0	0	0
102-123		0	0	1.2	0	0	0	0	0	0	0	0
124-146		0	0.8	0	0	0	0	0	0	0	0	0
147-168		0	0	0.4	0	0	0	0	0	0	0	0
168-191		0.4	0	0	0.4	0	0.4	0	0	0	0	0
192-213		0	0	0.4	0.4	0	0	0	0	0	0	0
214-236		0	0.4	0.4	0.4	0.8	0	0	0	0	0	0
237-258		0.4	0	1.6	1.2	0.4	1.6	0.8	0	0.4	0	0
259-281		0.4	0.4	4.1	5.7	3.7	3.7	1.6	0.8	0.4	0	0
282-303		0	0.8	5.3	4.9	4.1	3.7	2.4	0.4	0	0	0
304-326		0	0	5.3	6.1	4.5	2	2	0.4	0	0	0
327-348		0.4	0.8	3.3	2.8	2	0.4	1.2	0	0	0	0

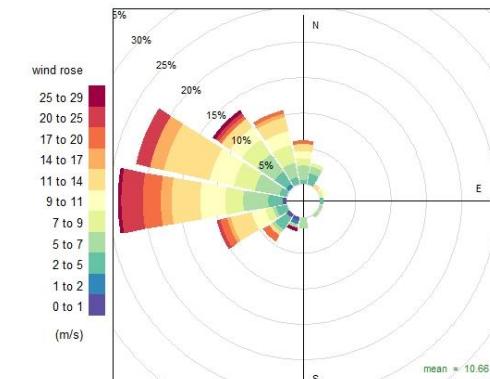


Raipur

April

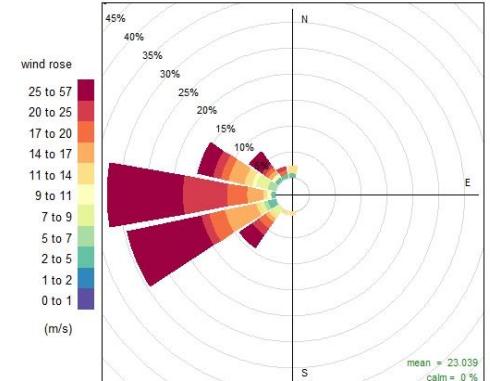
500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.5	2	1	1	1	0	0.5	0	0
12-33		0	0	1.5	1	0.5	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0.5	0	0	0	0
57-78		0	0	0	0	0.5	0.5	0	0	0	0	0
79-101		0	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0.5	0	0	0	0	0	0	0
124-146		0	0	0	0.5	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	1.5	0	0	0	0	0	0	0
192-213		0.5	0.5	0	0.5	0	0	0	0	0	0	0.5
214-236		0.5	0	2	0.5	0	0	0.5	0	1	0	0
237-258		0	0	1.5	0.5	1	2	3	0.5	1	0.5	0
259-281		0.5	0	2	3.6	2.5	3.6	4.1	1.5	2.5	3	0.5
282-303		0	0	1	3.6	3	3.6	6.6	2	0	2	0
304-326		0	0.5	2	3	2.5	2	1.5	0	0.5	0.5	0.5
327-348		0	0	1	2	2.5	2	2	0.5	0.5	0	0



Raipur **April** **300 hPa level**

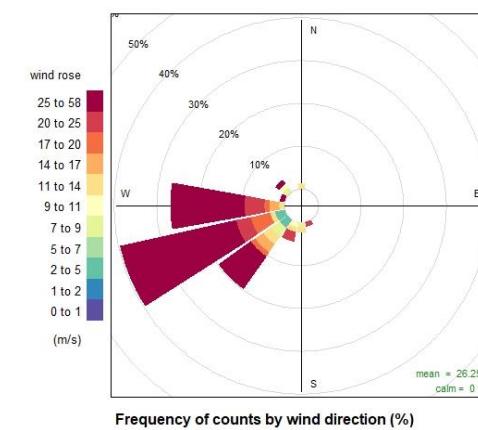
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.8	0	0	0	1.6	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0.8	0	0	0	0	0
192-213		0	0	0	0	0	0.8	0.8	0	0	0	0
214-236		0	0	0	1.6	0	0.8	0.8	1.6	1.6	3.1	
237-258		0	0	1.6	0.8	0.8	0	0.8	6.2	3.1	1.6	14.7
259-281		0	0	0.8	0	0	0.8	0.8	3.1	3.9	8.5	14.7
282-303		0	0	0	1.6	2.3	0.8	1.6	3.1	1.6	1.6	3.1
304-326		0	0	0.8	0	0	0.8	0	0.8	0.8	0.8	3.1
327-348		0	0	0.8	0	0	0	0	0	0.8	0.8	0



Raipur

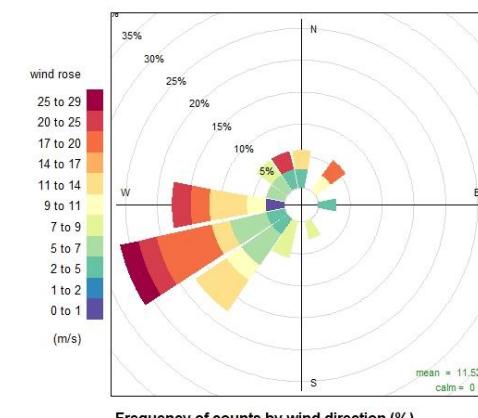
April 200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	1.2	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	1.2	0	0
168-191	0	0	0	0	1.2	0	1.2	0	0	0	0	0
192-213	0	0	0	0	0	1.2	1.2	0	0	0	2.3	0
214-236	0	0	2.3	0	2.3	0	2.3	2.3	1.2	0	9.3	0
237-258	0	0	2.3	0	0	0	1.2	0	4.7	3.5	27.9	0
259-281	0	0	0	0	0	0	1.2	2.3	1.2	4.7	17.4	0
282-303	0	0	0	0	0	0	0	0	0	0	0	1.2
304-326	0	0	0	0	1.2	1.2	0	0	0	0	0	1.2
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Raipur April 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	2.9	0	0	0	2.9	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	2.9	0	0	2.9	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	2.9	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	2.9	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	5.9	0	0	0	0	0	0	0
214-236	0	0	2.9	5.9	0	2.9	5.9	0	0	0	0	0
237-258	0	0	2.9	5.9	0	0	2.9	0	8.8	2.9	2.9	0
259-281	2.9	0	0	0	0	2.9	5.9	0	2.9	2.9	0	0
282-303	0	0	0	2.9	0	0	0	0	0	0	0	0
304-326	0	0	0	2.9	2.9	0	0	0	0	0	0	0
327-348	0	0	2.9	0	0	0	0	0	0	2.9	0	0

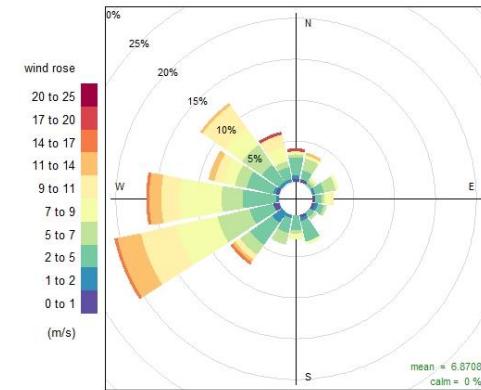


Raipur**May****1000 hPa level**

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur**May****925 hPa level**

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.4	2.2	0.4	0.4	0	0	0	0.4	0	0
12-33		0.4	0	1.1	1.5	0.4	0	0.4	0	0	0	0
34-56		0	0	0.4	0.4	0	0.4	0	0	0	0	0
57-78		0	0.4	1.1	1.5	0.4	0	0	0	0	0	0
79-101		0.4	0	0.7	0.4	0.7	0.4	0	0	0	0	0
102-123		0.4	0.4	0.7	0.4	0	0	0	0	0	0	0
124-146		0	0	0.7	0.4	0	0	0	0	0	0	0
147-168		0.4	0.4	2.2	0	0.4	0	0	0	0	0	0
168-191		0	0	2.2	0.4	0.7	0	0	0	0	0	0
192-213		0	0.4	1.8	1.5	0	0	0	0	0	0	0
214-236		0	1.5	3.3	1.5	0	0.7	0.4	0.4	0	0	0
237-258		0.7	0	3	4.1	5.2	4.4	3	0.4	0	0	0
259-281		0	0.4	4.1	2.6	5.2	2.2	1.5	0.4	0	0	0
282-303		0.4	0.4	3.3	1.5	1.5	1.1	0.7	0	0	0	0
304-326		0	0.4	2.6	3	2.6	3.3	0.4	0	0	0	0
327-348		0	0.4	1.5	0.7	1.8	1.5	0	0	0.4	0	0



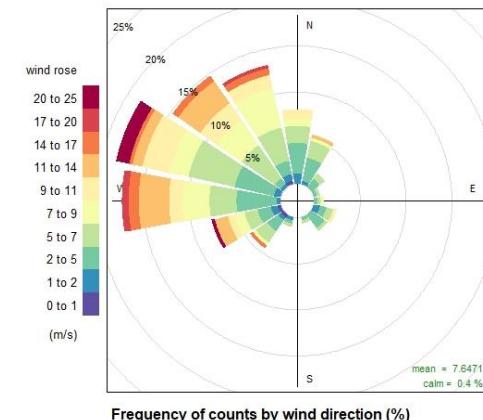
Frequency of counts by wind direction (%)

Raipur

May

850 hPa level

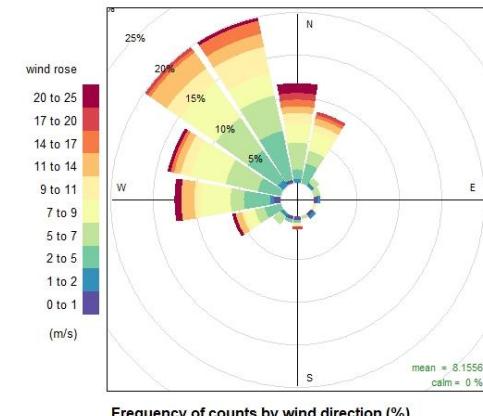
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.1	3.3	1.8	0.7	1.1	0	0	0	0	0
12-33		0	0.4	2.6	1.8	0.4	0	0.4	0	0	0	0
34-56		0	0	1.1	0.7	0	0	0	0	0	0	0
57-78		0	0	0.4	0.4	0	0	0	0	0	0	0
79-101		0	0	0.4	0.4	0.4	0	0	0	0	0	0
102-123		0	0.7	0.7	0.7	0	0.4	0	0	0	0	0
124-146		0	0	1.8	0.4	0	0	0	0	0	0	0
147-168		0	0	0.4	0.4	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0.4	0.4	0.4	0	0	0	0	0	0	0
214-236		0.4	0.4	1.5	1.5	0.4	0	0	0.4	0	0	0
237-258		0.4	0.7	1.5	1.5	1.1	0.7	1.5	0	0	0.4	0
259-281		0	0.4	4.4	2.9	2.9	1.5	3.3	1.1	0.7	0	0
282-303		0	0.7	4.4	5.1	2.2	2.9	1.1	0.4	0	1.5	0
304-326		0	0.4	0.7	4.4	3.3	2.2	2.9	0.7	0	0	0
327-348		0.4	0.7	1.5	3.7	4.4	1.5	0	0.7	0.4	0	0

**Raipur**

May

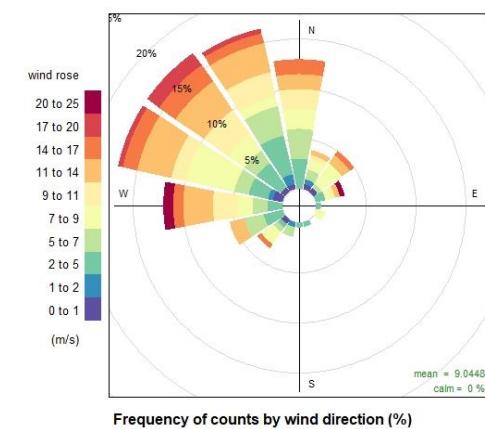
700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	1.2	3.1	2.3	1.2	0.8	0.8	0.8	1.2	0
12-33		0	0	2.3	1.6	2.3	0.8	0.8	0.4	0.4	0	0
34-56		0	0.4	0	0.8	0	0	0	0	0	0	0
57-78		0	0	0	0.8	0	0	0	0	0	0	0
79-101		0.4	0.4	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0.4	0	0	0	0	0
124-146		0.4	0.4	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0.4	0	0	0	0	0	0	0
168-191		0.4	0	0.4	0	0	0.4	0	0	0.4	0	0
192-213		0.4	0	0.4	0	0	0	0	0	0	0	0
214-236		0	0.4	0	1.2	0	0	0	0	0	0	0
237-258		0	0	1.9	1.2	1.2	0.4	0.8	0	0	0.4	0
259-281		0.8	0.4	3.1	1.6	3.5	0.8	1.6	0	0	0.8	0
282-303		0	0	2.7	3.9	4.3	1.2	0.8	0.4	0	0.4	0
304-326		0	0.8	4.3	4.7	5.1	1.9	2.3	0.4	0.4	0	0
327-348		0.4	0	5.8	4.3	2.7	3.1	1.6	1.6	0	0.4	0

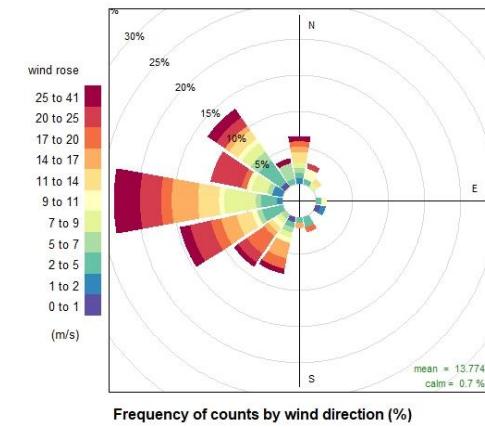


Raipur**May****500 hPa level**

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	3	3	2	2	1.5	1.5	0	0	0
12-33		0.5	0.5	0	1	1	0.5	0.5	0	0	0	0
34-56		0.5	0	0	0.5	2.5	0	1	0.5	0	0	0
57-78		0	0	1	0	0.5	0.5	0.5	0	0	0.5	0
79-101		0	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0	1	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0.5	0	0	0	0	0	0	0	0
168-191		0	0	0.5	0	0	0	0	0	0	0	0
192-213		0	0.5	0	1	0	0	0	0	0	0	0
214-236		0.5	0	0.5	0.5	1.5	0	0	0.5	0	0	0
237-258		0	0	2	2	0	0	1.5	0	0	0	0
259-281		0	0	1.5	1.5	1.5	2.5	3	1	0	1	0
282-303		1	0.5	2	1.5	5	1.5	3.5	1.5	0.5	0	0
304-326		0.5	0	3	1.5	2	3	3.5	2	1.5	0	0
327-348		0.5	1	4	3	1	2.5	3	1	0.5	0	0

**Raipur****May****300 hPa level**

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.7	0.7	0.7	0.7	0	1.5	0.7	0.7	0	0.7
12-33		0	0	0.7	0	0	1.5	0	0	0	0.7	0
34-56		0	0	0	0	0.7	0	0.7	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.7	0	0	0.7	0	0	0	0	0
102-123		0.7	0.7	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	1.5	0	0	0	0	0	0.7	0	0
168-191		0	0	0.7	0	0	0	0	0.7	0	0	0
192-213		0.7	0	0.7	0.7	0.7	0.7	0	2.2	1.5	0	0.7
214-236		0	0	0	0.7	0.7	0.7	0.7	0.7	2.9	1.5	0.7
237-258		0	0	2.9	0.7	0	0.7	2.2	2.2	1.5	2.9	1.5
259-281		0	0.7	2.2	0.7	4.4	0.7	2.9	3.6	1.5	2.9	3.6
282-303		0	1.5	0	0.7	2.2	0.7	0	0	0.7	4.4	0
304-326		0.7	0	3.6	1.5	1.5	0.7	1.5	0.7	0	1.5	1.5
327-348		0	0	0.7	2.2	0	0	0	0	0	0	0.7

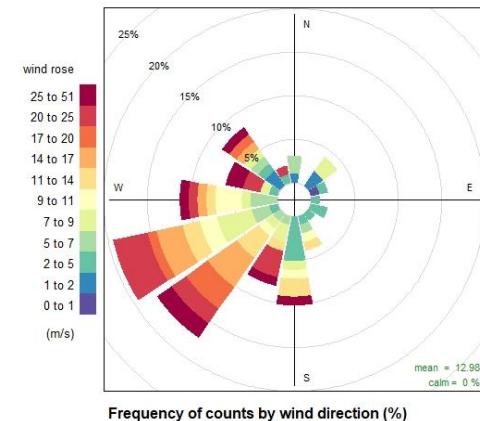


Raipur

May

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1	0	2	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	2	0	0	2	0	0	0	0	0	0	0
57-78	1	0	1	0	0	0	0	0	0	0	0	0
79-101	0	0	1	0	0	0	0	0	0	0	0	0
102-123	0	0	2	0	0	0	0	0	0	0	0	0
124-146	0	0	1	0	0	0	0	0	0	0	0	0
147-168	0	0	1	1	0	0	1	0	0	0	0	0
168-191	0	0	5.1	0	1	2	2	0	0	0	0	1
192-213	0	0	0	1	2	0	1	0	0	0	3.1	1
214-236	0	0	0	1	1	1	3.1	4.1	3.1	2	2	2
237-258	0	0	1	2	4.1	2	2	3.1	1	4.1	0	0
259-281	0	0	0	3.1	1	3.1	1	1	0	1	1	1
282-303	0	0	1	0	1	0	0	0	0	0	2	2
304-326	0	2	1	1	1	0	0	1	1	0	0	1
327-348	0	0	1	0	0	0	0	0	0	0	1	0

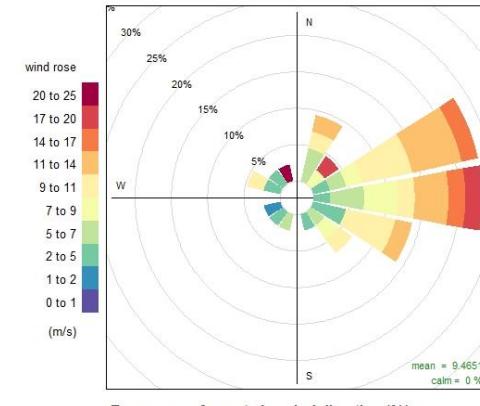


Raipur

May

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	4.7	0	2.3	2.3	0	0	0	0	0
34-56	0	0	0	0	2.3	0	0	0	2.3	0	0	0
57-78	0	0	2.3	2.3	2.3	7	7	2.3	0	0	0	0
79-101	0	0	2.3	4.7	4.7	2.3	4.7	2.3	2.3	0	0	0
102-123	0	0	4.7	0	0	7	2.3	0	0	0	0	0
124-146	0	0	0	2.3	2.3	2.3	0	0	0	0	0	0
147-168	0	0	2.3	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	2.3	0	0	0	0	0	0	0	0
214-236	0	0	2.3	0	0	0	0	0	0	0	0	0
237-258	0	2.3	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	2.3	0	0	2.3	0	0	0	0	0	0
304-326	0	0	2.3	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	2.3	0



Raipur

June

1000 hPa level

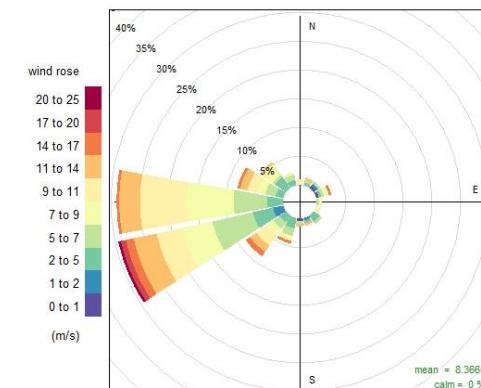
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

June

925 hPa level

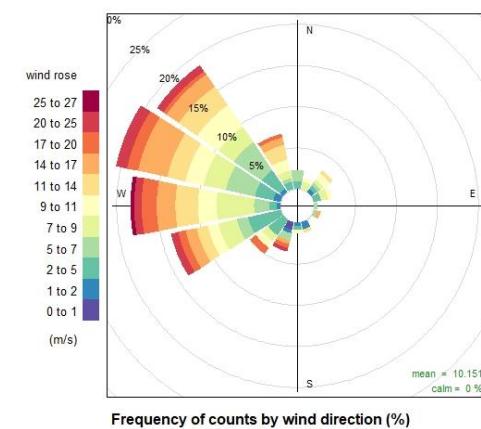
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0.9	0	0	0	0	0
12-33		0	0	0.5	0.5	0	0	0.5	0	0	0	0
34-56		0.5	0.5	0	0.5	0	0	0	0	0	0	0
57-78		0.5	0	0.5	0.5	0.9	0	0	0.5	0	0	0
79-101		0	0	0	0.5	0.5	0	0	0	0	0	0
102-123		0	0	0	0	0.5	0.5	0	0	0	0	0
124-146		0	0	1.4	0.5	0	0	0	0	0	0	0
147-168		0	0.5	0.5	0	0	0	0.5	0	0	0	0
168-191		0.5	0	0	0.5	0	0	0.5	0	0	0	0
192-213		0	0	1.8	1.4	0.5	0.5	0	0.5	0	0	0
214-236		0	0	1.4	1.4	1.4	2.3	1.4	0.9	0	0	0
237-258		0	1.8	3.6	7.2	5.4	4.5	4.1	1.4	0.9	0.5	0
259-281		0	0	2.7	5.9	8.1	8.1	3.6	0.5	0	0	0
282-303		0	0	1.4	1.8	1.4	1.8	1.4	0.5	0	0	0
304-326		0	0	2.3	0.5	1.8	0.5	0.5	0	0	0	0
327-348		0	0	0.9	0.9	0	0.5	0	0	0	0	0



Raipur

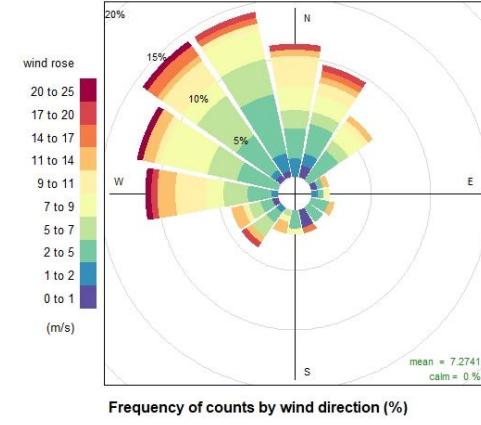
June 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.9	1.4	0	0	0	0	0	0	0
12-33		0	0	0	0	0.9	0.5	0	0	0	0	0
34-56		0	0.5	0.5	0.5	0.5	0.9	0.5	0	0	0	0
57-78		0	0	0.9	0	0.9	0.5	0	0	0	0	0
79-101		0	0	0	0.5	0	0	0	0	0	0	0
102-123		0	0	0	0.5	0	0	0	0.5	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0.9	0	0	0	0	0.5	0	0	0	0
168-191		0	0.5	0.5	0	0	0.5	0	0	0	0	0
192-213		0.9	0.5	0	0.9	0	0	0	0.5	0.5	0.5	0
214-236		0	0	2.3	0	0.9	0.9	0	0	0.9	0	0
237-258		0	0	4.1	1.4	2.3	1.4	1.4	1.4	0.9	0.9	0
259-281		0	0.5	0.9	1.8	4.6	2.3	2.7	2.3	1.8	0.9	0.5
282-303		0	0.9	2.3	3.7	2.7	2.3	2.3	3.7	1.4	1.4	0
304-326		0	0.5	2.7	4.1	2.3	3.2	2.7	1.8	0.5	0.9	0
327-348		0	0	0.9	0.5	0.9	1.4	1.8	0.9	0.5	0	0



Raipur June 700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.5	2.5	1.5	2	2.5	0.5	0	0.5	0	0
12-33		1	1	2.5	1	1.5	1	0.5	0.5	0.5	0	0
34-56		0	0	3	1	1.5	0.5	0.5	0	0	0	0
57-78		0.5	0	0.5	0	0	0	0.5	0	0	0	0
79-101		0	0.5	0.5	0	0.5	0	0	0	0	0	0
102-123		0	0	1.5	0	0	0	0.5	0	0	0	0
124-146		0	0	1.5	0	0	0	0	0	0	0	0
147-168		1.5	0	0	0	0	0	0	0.5	0	0	0
168-191		0	0	1.5	0	0.5	0	0	0	0	0	0
192-213		0	0	0	0.5	0.5	0	1	0	0	0	0
214-236		0	0.5	1	1.5	0	0	0.5	0	0.5	0	0
237-258		0.5	0	1	1	0	0.5	1	0	0	0	0
259-281		0	0.5	2	2	1.5	2.5	1.5	0	0.5	0.5	0
282-303		0	0	3.6	2.5	4.1	0.5	1	0	0	0.5	0
304-326		0.5	0.5	3.6	4.1	1.5	2	0.5	1	0	0.5	0
327-348		0.5	1.5	5.1	3	2.5	0.5	0	0.5	0.5	0	0

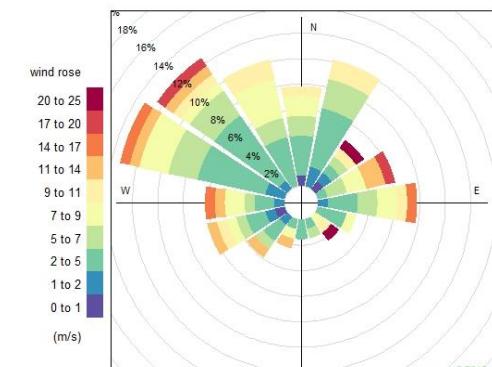


Raipur

June

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.8	0	3.1	1.6	1.6	0.8	0	0	0	0	0
12-33		0	1.6	4.7	2.3	0	1.6	0	0	0	0	0
34-56		0.8	0.8	0.8	0.8	0	0.8	0	0	0.8	0	0
57-78		0	0	0.8	1.6	1.6	0	1.6	0	0.8	0	0
79-101		0	0.8	2.3	1.6	1.6	0.8	0	0.8	0	0	0
102-123		0	0	2.3	0	0.8	0	0	0	0	0	0
124-146		0	0	0	0.8	0.8	0	0	0	0.8	0	0
147-168		0	0	0.8	0.8	0	0	0	0	0	0	0
168-191		0	0	1.6	0	0	0	0	0	0	0	0
192-213		0	0	0.8	0	0.8	0	0	0	0	0	0
214-236		0	0.8	1.6	0.8	0	0	0.8	0	0	0	0
237-258		0.8	0.8	1.6	0.8	0.8	0.8	0	0	0	0	0
259-281		0	0.8	1.6	0.8	1.6	0	0.8	0.8	0	0	0
282-303		0	1.6	5.5	2.3	2.3	0	0.8	0.8	0	0	0
304-326		0	0.8	6.2	2.3	0.8	0.8	0.8	0	0.8	0	0
327-348		0	0	3.9	1.6	3.1	1.6	0	0	0	0	0

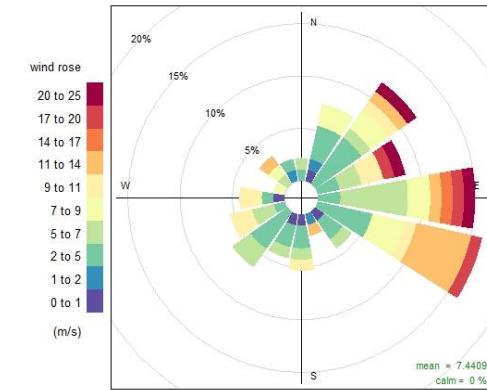


Raipur

June

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.1	1.1	0	0	0	0	0	0	0
12-33		1.1	1.1	3.2	0	2.2	0	0	0	0	0	0
34-56		0	0	5.4	1.1	2.2	1.1	1.1	0	0	1.1	0
57-78		0	0	2.2	2.2	0	2.2	0	0	1.1	1.1	0
79-101		0	0	2.2	6.5	2.2	0	1.1	1.1	1.1	1.1	0
102-123		0	0	5.4	0	3.2	1.1	5.4	0	1.1	0	0
124-146		1.1	0	2.2	1.1	0	0	0	0	0	0	0
147-168		0	1.1	0	0	0	0	1.1	0	0	0	0
168-191		1.1	0	2.2	1.1	0	1.1	0	0	0	0	0
192-213		1.1	0	2.2	1.1	0	0	0	0	0	0	0
214-236		0	0	4.3	2.2	0	0	0	0	0	0	0
237-258		0	0	1.1	2.2	0	2.2	0	0	0	0	0
259-281		1.1	0	1.1	0	0	2.2	0	0	0	0	0
282-303		0	0	0	0	1.1	0	0	0	0	0	0
304-326		0	0	0	1.1	1.1	0	1.1	0	0	0	0
327-348		0	1.1	1.1	0	0	0	0	0	0	0	0

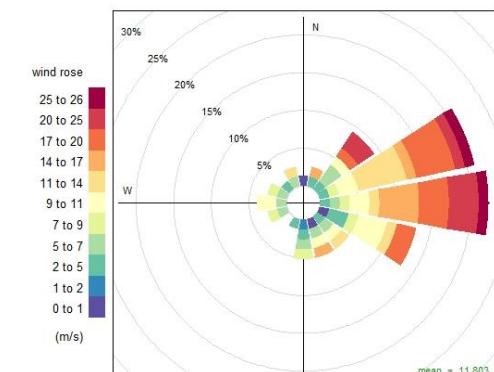


Raipur

June

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		1.3	0	0	0	0	0	0	0	0	0	0
12-33	0	0	1.3	0	0	0	0	1.3	0	0	0	0
34-56	0	0	1.3	2.6	0	1.3	0	0	1.3	2.6	0	0
57-78	0	0	1.3	0	1.3	2.6	6.6	1.3	5.3	1.3	1.3	0
79-101	0	0	1.3	1.3	1.3	2.6	1.3	5.3	3.9	3.9	1.3	0
102-123	1.3	0	2.6	0	1.3	3.9	1.3	0	2.6	0	0	0
124-146	0	0	1.3	1.3	0	1.3	1.3	0	0	0	0	0
147-168	1.3	0	0	1.3	0	1.3	0	1.3	0	0	0	0
168-191	0	1.3	1.3	1.3	1.3	0	0	0	0	0	0	0
192-213	0	0	1.3	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	1.3	1.3	0	0	0	0	0	0	0
259-281	0	0	0	1.3	0	2.6	0	0	0	0	0	0
282-303	0	0	0	1.3	1.3	0	0	0	0	0	0	0
304-326	0	0	1.3	0	0	0	0	0	0	0	0	0
327-348	0	0	0	1.3	0	0	1.3	0	0	0	0	0

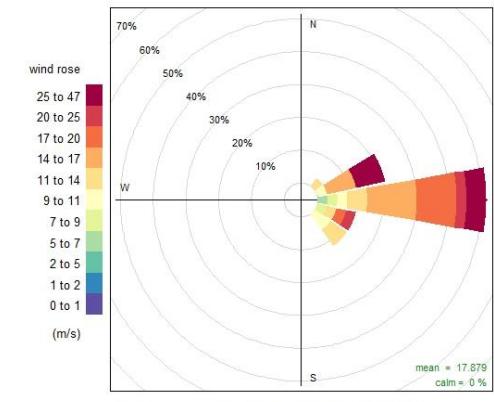


Raipur

June

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	3	0	0	0	0	0
57-78	0	0	0	0	0	3	0	9.1	0	0	9.1	0
79-101	0	0	0	3	3	3	6.1	15.2	12.1	3	6.1	0
102-123	0	0	0	0	3	0	3	0	3	3	0	0
124-146	0	0	0	0	0	6.1	6.1	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Raipur

July

1000 hPa level

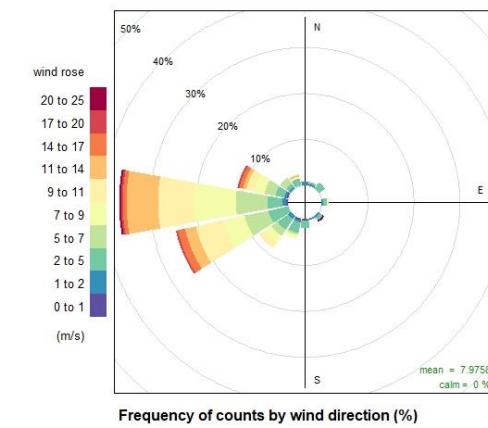
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

July

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.8	0	0	0	0	0	0	0	0	0
12-33	0	0.4	0.4	0	0	0	0	0	0	0	0	0
34-56	0	0	1.6	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0.4	0.8	0	0.4	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0.4	0.8	0	0	0	0	0	0	0.4	0	0
147-168	0	0.4	0	0	0	0	0	0	0	0	0	0
168-191	0.4	0	1.6	0	0	0	0	0	0	0	0	0
192-213	0.4	0.4	2.4	0.4	0.8	0	0	0	0	0	0	0
214-236	0	0.8	2.8	1.6	1.6	1.6	0	0	0	0	0	0
237-258	0	0	4.4	5.2	4.8	6	2.4	1.6	0.4	0	0	0
259-281	0.4	0.8	3.2	6.9	9.3	7.7	6.9	0.8	0.4	0.4	0	0
282-303	0.4	0.4	2	2.4	2.4	1.6	0.8	0.8	0.4	0	0	0
304-326	0	0.4	0.8	1.6	0	0	0	0	0	0	0	0
327-348	0	0	1.6	0	0.4	0	0.4	0	0	0	0	0

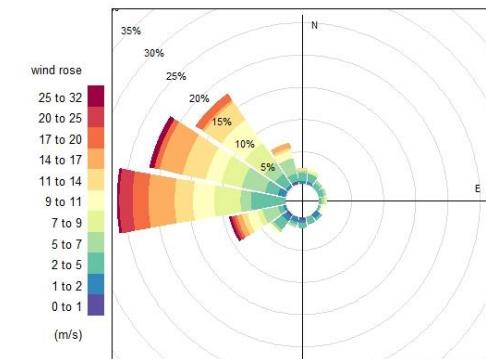


Raipur

July

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	1.2	0.4	0	0	0.4	0	0	0	0
12-33		0	0.4	1.2	0	0.4	0.4	0	0	0	0	0
34-56		0	0	0.8	0.4	0	0	0	0	0	0	0
57-78		0	0	0.8	0.4	0	0	0	0	0	0	0
79-101		0	0	0.8	0.4	0.4	0	0	0	0	0	0
102-123		0	0	0.4	0	0	0.4	0	0	0	0	0
124-146		0	0.8	0.4	0	0	0	0	0	0	0	0
147-168		0	0	1.2	0	0	0	0	0	0	0	0
168-191		0.4	0.4	0.8	0	0	0	0	0	0	0	0
192-213		0	0.8	0.4	0.4	0	0	0	0	0	0	0
214-236		0.4	0.8	1.6	0.4	0	0.4	0	0	0	0	0
237-258		0	0.4	0.8	2.5	0.8	1.6	0.8	0.8	0.4	0.4	0.4
259-281		0	0	5.3	1.6	4.1	3.3	2.9	4.1	2.5	2	0.4
282-303		0	1.2	2	3.7	3.3	2.5	3.7	3.7	0.8	0	0.8
304-326		0	0.4	2	2	3.7	4.5	3.3	0.4	1.2	0	0
327-348		0.4	0	1.2	2.5	0	1.2	0.4	0.8	0	0	0

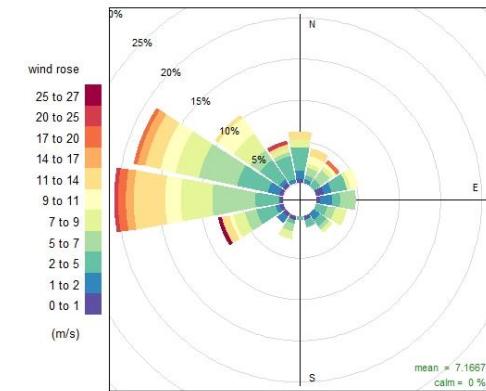


Raipur

July

700 hPa level

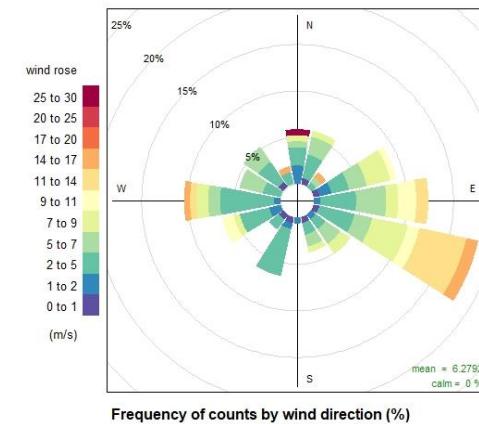
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	1	2.9	0	1	0	1	0	0	0	0
12-33		0	0.5	0.5	1	0.5	1	1	0	0	0	0
34-56		0	0	1	1.4	0.5	0.5	0	0	0.5	0	0
57-78		1	1	1.9	0	0.5	1	0	0	0	0	0
79-101		0.5	1.4	1	1.9	0	0	0	0	0	0	0
102-123		0	0	1.4	1	1.4	0	0	0	0	0	0
124-146		0	1	1	0.5	0.5	0	0	0	0	0	0
147-168		0.5	0	1	0	0	0	0	0	0	0	0
168-191		0	0	0.5	0	0	0	0	0	0	0	0
192-213		0.5	0	0.5	1	1	0	0	0	0	0	0
214-236		0.5	1	0	0	0	0	0	0	0	0	0
237-258		0.5	0.5	2.4	1.4	1.4	0.5	1	0	0	0	0.5
259-281		0.5	0	2.9	5.2	3.8	1.9	3.8	1	1	0.5	0
282-303		0.5	1.4	3.8	4.8	2.9	1.9	1.9	1	0.5	0	0
304-326		0.5	0.5	2.9	1.4	2.4	2.4	0.5	0	0	0	0
327-348		0	0.5	2.9	0.5	0.5	0	0.5	0	0	0.5	0



Raipur

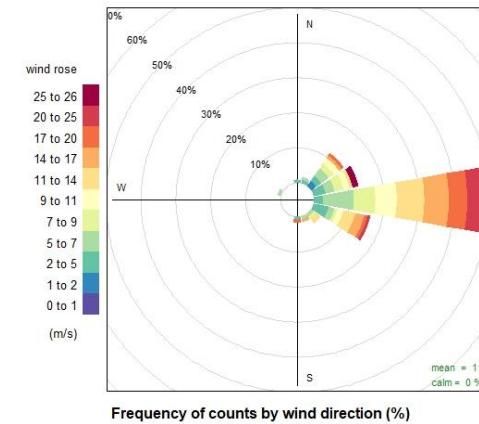
July 500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.9	1.9	0.6	0.6	0	0	0	0	0	0.6
12-33		0.6	0	2.6	1.9	0.6	0	0	0	0	0	0
34-56		0	0	0.6	0.6	0	0	0	0.6	0	0	0
57-78		0.6	1.3	1.9	1.9	2.6	0.6	0	0	0	0	0
79-101		0	0.6	3.9	3.2	1.3	1.9	1.3	0	0	0	0
102-123		0.6	0	3.9	1.9	3.9	1.3	5.2	1.3	0	0	0
124-146		0	0.6	1.3	1.9	1.3	0	0	0	0	0	0
147-168		0	0	1.3	1.3	0.6	0	0	0	0	0	0
168-191		0.6	0.6	0	0	0	0	0	0	0	0	0
192-213		0.6	0.6	5.2	0	0	0	0	0	0	0	0
214-236		0.6	0	1.3	0	0	0	0	0	0	0	0
237-258		0	1.3	3.2	0	0.6	1.3	0	0	0	0	0
259-281		0	0.6	5.8	1.3	1.3	0	0.6	0.6	0	0	0
282-303		0	0	1.9	2.6	0	0	0	0	0	0	0
304-326		0.6	0	2.6	1.9	0	0	0	0	0	0	0
327-348		0	0	1.3	0	0	0	0	0.6	0	0	0



Raipur July 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.9	0	0	0	0	0	0	0	0
12-33		0	0	0.9	0.9	0	0	0	0	0	0	0
34-56		0	1.8	1.8	2.6	1.8	1.8	0	0.9	0.9	0	0
57-78		0	0	3.5	2.6	2.6	1.8	0.9	0	0	0	1.8
79-101		0	0	2.6	8.8	6.1	6.1	7.9	7	5.3	4.4	0
102-123		0	0	4.4	1.8	0.9	1.8	3.5	2.6	0.9	0.9	0
124-146		0	0	0	0.9	0.9	0	1.8	0	0	0	0
147-168		0	0	0	0.9	0	0	0	0.9	0	0	0
168-191		0	0	0.9	0	0	0	0	0	0.9	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0.9	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

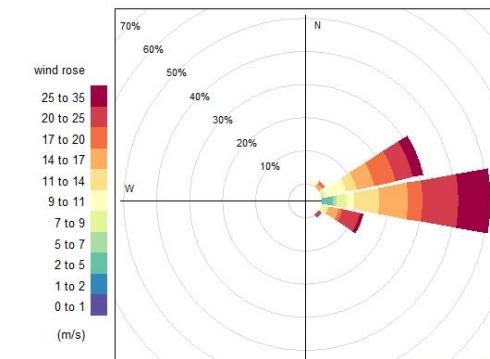


Raipur

July

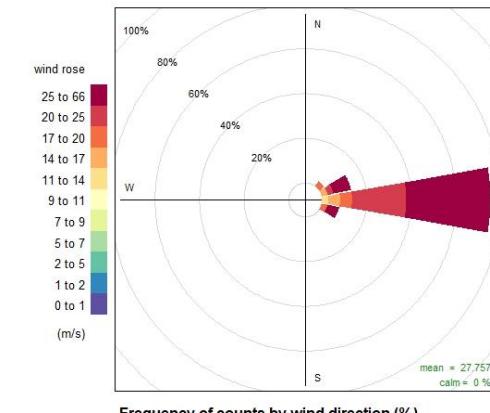
200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	1.1	0	0	0	0	0
34-56		0	0	0	0	0	0	0	1.1	1.1	0	0
57-78		0	0	0	0	1.1	6.5	3.3	5.4	6.5	5.4	3.3
79-101		0	0	3.3	1.1	3.3	2.2	7.6	8.7	4.3	10.9	9.8
102-123		0	0	0	0	2.2	0	0	3.3	1.1	5.4	1.1
124-146		0	0	0	0	0	0	0	0	0	1.1	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur July 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	2.7	0	0
57-78		0	0	0	0	0	0	0	2.7	0	2.7	8.1
79-101		0	0	0	0	0	0	2.7	5.4	5.4	24.3	37.8
102-123		0	0	0	0	0	0	0	0	2.7	0	5.4
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

August

1000 hPa level

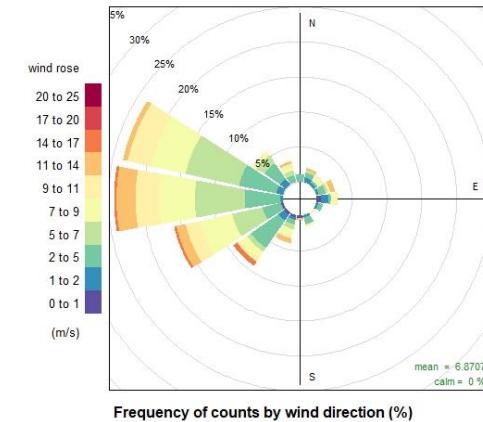
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

August

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1	0	0	0	0	0	0	0	0
12-33		0	0.7	0.7	0.3	0	0	0.3	0	0	0	0
34-56		0	0.3	0.3	0	0.7	0.3	0	0	0	0	0
57-78		0	0.3	1	0.3	0	0.3	0.7	0	0	0	0
79-101		0.7	1	0.3	0	0.7	0.3	0	0	0	0	0
102-123		0	0.3	0.7	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0.3	0	0	0	0	0	0
147-168		0	0.3	1	0	0.3	0	0	0	0	0	0
168-191		0.3	0	0	0	0	0	0.3	0	0	0	0
192-213		0.3	0.3	0.7	0.7	1	0.3	0.7	0	0	0	0
214-236		0.3	1	4.8	0.7	1	0.7	0	0.7	0	0	0
237-258		0.3	0	2.7	4.4	4.8	2	1.4	0.3	0	0	0
259-281		0	0.3	5.1	7.1	5.1	3.4	2.7	0.3	0	0	0
282-303		0	1	5.4	7.8	5.1	3.4	0.7	0	0	0	0
304-326		0	1	2.7	1.4	0.3	0.3	0	0	0	0	0
327-348		0	0	1	0.7	0.3	0.7	0.3	0	0	0	0

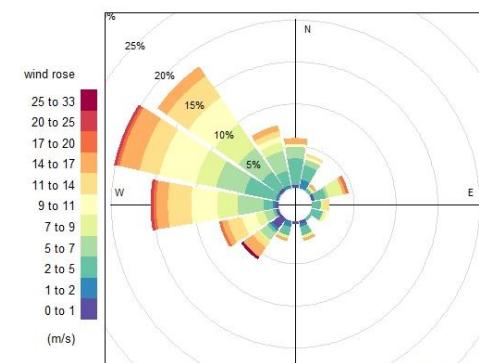


Raipur

August

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.3	0	3.1	1.4	0	0.3	0	0.7	0	0	0
12-33	0	1	1.7	0.7	0	0.3	0.3	0	0	0	0	0
34-56	0	0	0.3	0	0.3	0	0	0.3	0	0	0	0
57-78	0.3	0	1.4	0.3	1.7	0	0	0.3	0.3	0	0	0
79-101	0	0	1	0	0.3	0	0.7	0	0	0	0	0
102-123	0	0	1.4	0	0.3	0.3	0	0	0	0	0	0
124-146	0	0	0.3	0	0	0	0	0	0	0	0	0
147-168	0.3	0	1	0	0.3	0	0	0.3	0	0	0	0
168-191	0.3	0.3	0	0	0	0	0	0	0	0	0	0
192-213	0	0.7	1	0	0.3	0	0	0.3	0	0	0	0
214-236	1.4	0.3	0.3	1	0.3	0	0.7	1.4	0	0	0	0.3
237-258	0.3	0	0.3	1	1	1.7	1.7	0.7	0.3	0	0	0
259-281	0.3	0.3	1	3.1	2.4	3.1	2.8	1.4	0.3	0.3	0	0
282-303	0	0.3	3.8	3.5	2.4	4.5	2.4	2.4	0.3	0.3	0	0
304-326	0.3	0	2.4	3.5	3.5	3.8	3.1	1.4	0	0	0	0
327-348	0	0.3	1.7	2.4	1	0.7	0.7	0.7	0	0	0	0

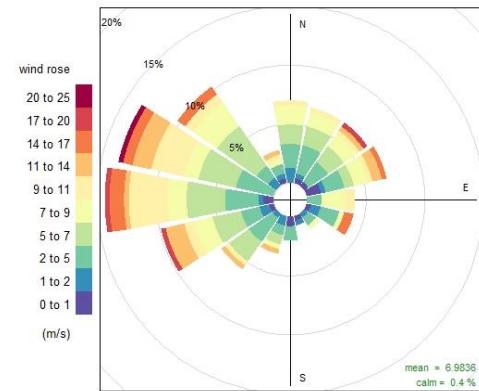


Raipur

August

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.2	2	1.6	1.6	0.4	0	0	0	0	0
12-33	0.4	0.4	2.5	1.6	1.2	0.4	0	0	0	0	0	0
34-56	0.4	0	2	1.6	1.2	0.4	0.4	0	0.4	0	0	0
57-78	1.2	0.4	1.6	0.8	1.2	0.4	0.8	0.4	0	0	0	0
79-101	0	0	1.2	0	2	0.8	0	0	0	0	0	0
102-123	0.4	0.8	1.6	0	0.4	0	0	0.8	0	0	0	0
124-146	0	0.4	0.8	0	0.4	0	0	0	0	0	0	0
147-168	0.4	0.4	0	0	0	0	0	0	0	0	0	0
168-191	0.8	0	1.2	0	0	0	0	0	0	0	0	0
192-213	0	0.8	0.8	0.8	0.4	0	0.4	0	0	0	0	0
214-236	0	0.4	2.5	2	0	0.4	0.4	0	0	0	0	0
237-258	0.4	0.8	1.6	2.5	1.6	0.8	1.6	0	0.4	0	0	0
259-281	0.8	0.4	2.9	3.3	1.6	3.3	0.4	1.2	0.4	0	0	0
282-303	0	0	3.3	3.3	1.2	2.9	1.6	0.8	0	0.4	0	0
304-326	0	0.8	1.2	4.1	2.5	0.8	0	0.8	0	0	0	0
327-348	0.4	0.4	0.8	0	0.4	0.4	0.4	0	0	0	0	0

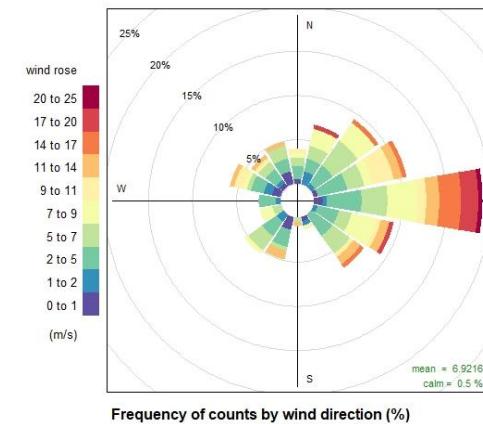


Raipur

August

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0	1.5	1	0.5	0.5	0	0	0	0	0
12-33		0	1.5	1.5	1.5	2	0	0	0	0.5	0	0
34-56		0	0.5	2.5	3.4	2.5	0	0	0.5	0	0	0
57-78		0.5	0	3.4	2	1	2.5	1	0.5	0	0	0
79-101		1	0.5	3.9	2.9	3.4	1	1.5	2.5	2	0.5	0
102-123		0	0.5	2.5	1.5	2.9	0.5	1	0	0.5	0	0
124-146		0	0	2.9	2.5	0	0.5	1	0.5	0	0	0
147-168		0.5	0.5	0	0	0.5	0	0	0	0	0	0
168-191		0	0	0	0.5	0	0	0.5	0	0	0	0
192-213		1.5	0	2	0.5	0	0	1	0	0	0	0
214-236		0	1	2	2	0.5	0	0	0	0	0	0
237-258		0	0	0	1	1.5	0	0	0	0	0	0
259-281		0	0.5	2	0	0	0	0	0	0	0	0
282-303		1	1	1.5	0.5	0.5	1	0.5	0	0	0	0
304-326		0.5	0.5	1.5	1	0	0.5	0.5	0	0	0	0
327-348		1.5	0	1.5	1.5	0	0	0.5	0	0	0	0

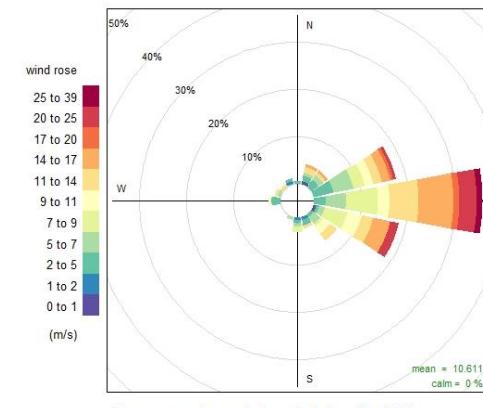


Raipur

August

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.6	0	0	0	0	0	0	0	0
12-33		0.6	0	1.2	0.6	0	0	1.2	0.6	0	0	0
34-56		0	0	1.9	1.2	0	0	0.6	0.6	0	0	0
57-78		0	0	4.3	4.3	2.5	1.9	1.9	1.9	0.6	0.6	0
79-101		0	0	2.5	4.3	6.8	2.5	6.2	7.4	1.2	3.7	1.2
102-123		0.6	0	0.6	1.2	4.9	3.1	2.5	3.7	0	1.9	0
124-146		0	0	0.6	1.9	0.6	1.9	1.9	0	0	0	0
147-168		0	0.6	1.2	0	0	0	0	0	0	0	0
168-191		0	0.6	0.6	0.6	1.2	0	0.6	0	0	0	0
192-213		0	0	0	0.6	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	1.9	0	0	0.6	0	0	0	0	0
282-303		0	0	0	0.6	0	0	0.6	0	0	0	0
304-326		0	0	0	0	0	0	0.6	0	0	0	0
327-348		0.6	0.6	0	0	0	0	0	0	0	0	0

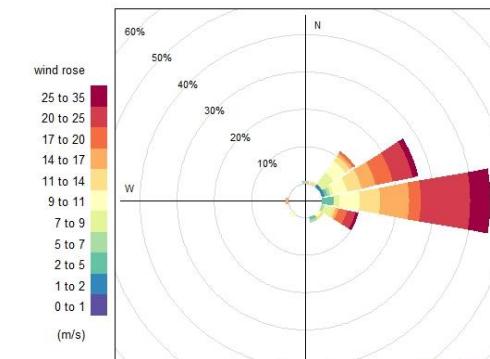


Raipur

August

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0.8	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0.8	0	0	0	0
34-56		0	0.8	0	0	3.9	3.9	1.6	0.8	0.8	0	0
57-78		0	0.8	0.8	0.8	0.8	3.9	3.9	3.9	4.7	5.5	1.6
79-101		0	0	3.1	0	1.6	5.5	5.5	7.8	3.1	13.3	5.5
102-123		0	0	0	0.8	2.3	0	0.8	0.8	2.3	2.3	0.8
124-146		0	0	0	0	0	0.8	0.8	0	0	0	0
147-168		0	0	0.8	0.8	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0.8	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0.8	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

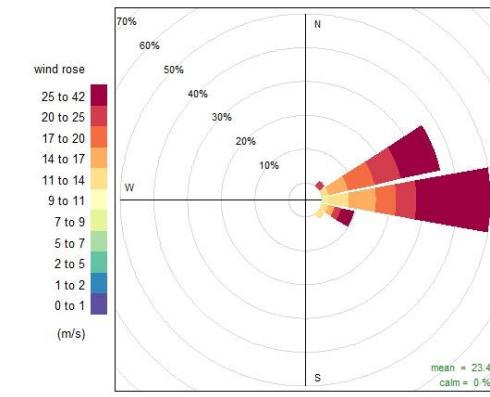


Raipur

August

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	2	0	0
57-78		0	0	0	0	0	0	2	6	8	8	12
79-101		0	0	0	0	2	0	6	8	6	6	22
102-123		0	0	0	0	0	0	2	2	0	2	4
124-146		0	0	0	0	0	0	2	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

September

1000 hPa level

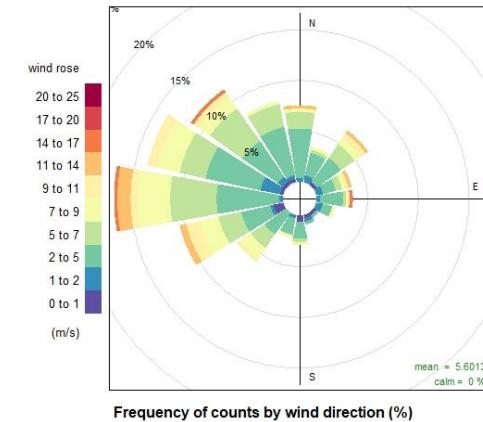
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

September

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.3	4.9	1.6	0.3	0	0.3	0	0	0	0
12-33		0	0.7	2.3	0.3	0.3	0	0	0	0	0	0
34-56		0.3	0	2.9	1.6	0.7	0.7	0.3	0	0	0	0
57-78		0	0.7	1.3	0.7	0.3	0.3	0.3	0	0	0	0
79-101		0	0.3	2.3	0.3	0	0.3	0	0.3	0	0	0
102-123		0	0.7	1	0	0.3	0	0	0	0	0	0
124-146		0.3	0	0.3	0	0	0	0	0	0	0	0
147-168		0.3	0	0	0	0	0	0	0	0	0	0
168-191		0.7	0.3	2	0.3	0.3	0	0	0	0	0	0
192-213		0	0.3	1.6	0	0	0.3	0	0	0	0	0
214-236		0	0	2.6	1.6	1.3	0.3	0	0	0	0	0
237-258		1	0.3	2.9	2.3	2	1.3	0.7	0	0	0	0
259-281		0	0.3	6.2	4.6	3.3	0.7	1.3	0.3	0	0	0
282-303		0.3	2	5.6	2.6	2.3	1	0	0	0	0	0
304-326		0.3	0.7	4.2	3.9	1.3	0.7	0	0.3	0	0	0
327-348		0.3	0.3	4.9	2.3	0.3	0	0	0	0	0	0

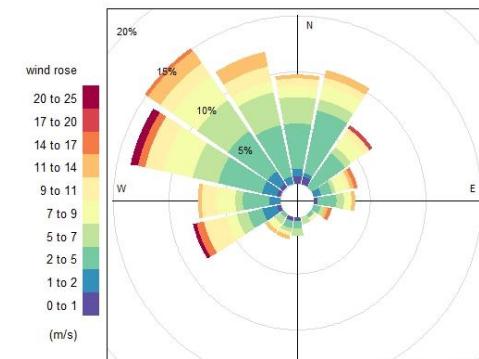


Raipur

September

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	0.7	4	2.3	1	0.7	0.3	0	0	0	0
12-33		0.7	0.3	5.7	1	1.3	0.7	0.7	0	0	0	0
34-56		0	0	3.7	0.7	1.3	0.7	0	0	0.3	0	0
57-78		0	0.7	1	0.3	1	0.3	0.3	0.3	0	0	0
79-101		0.3	0	1.7	0.7	0.7	0	0.3	0	0	0	0
102-123		0	0	0.7	0.3	0	0	0.3	0.3	0	0	0
124-146		0	0	0.3	0	0	0.3	0	0	0	0	0
147-168		0	0	0	0.7	0	0	0	0	0	0	0
168-191		0.3	0	0.7	0.7	0	0	0	0	0	0	0
192-213		0.3	0	0.7	0.3	0	0.3	0.3	0	0	0	0
214-236		0	0	0.3	0.7	0.7	0	0.3	0	0	0	0
237-258		0.3	1.3	1.3	1	1	2	0	0.7	0	0.3	0
259-281		0	1	2.3	0.7	1.7	1.3	0.3	0	0	0	0
282-303		0.3	1.3	4	2.3	2.7	1.7	0	0.7	0	0.7	0
304-326		0.3	1.3	4.4	3.4	2.7	1.3	1.3	0.3	0	0	0
327-348		0	0.7	4.7	3	1	1.3	1.3	0	0	0	0

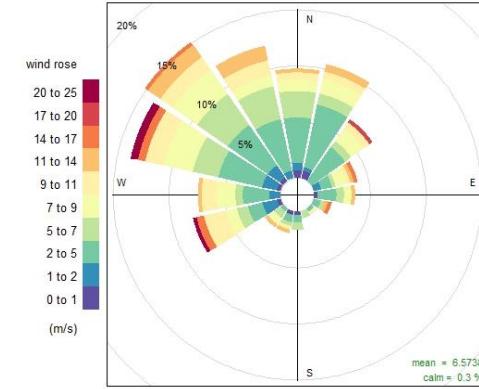


Raipur

September

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	3.3	1.8	1.8	1.8	1.5	0.4	0	0.4	0
12-33		0.7	0.7	3.3	2.2	0	0.4	0.4	0.4	0	0	0
34-56		0.7	1.1	2.9	0.7	0.7	1.1	0.4	0	0	0	0
57-78		0.7	0	2.6	1.8	1.1	0.4	1.1	0	0	0	0
79-101		0.4	0.4	2.2	1.1	0.7	0.4	0	0	0	0	0
102-123		0.4	0	1.1	0.7	0.4	0.4	0	0.4	0	0	0
124-146		0.7	0	1.1	0	0.4	0	0	0	0	0	0
147-168		0	0.4	0	0	0.4	0	0	0	0	0	0
168-191		0.4	0	0.4	0.4	0	0	0	0	0	0	0
192-213		0.4	0.4	0.7	0	1.5	0	0	0	0	0	0
214-236		0	0.4	0	0.7	0.7	0.7	0	0.4	0	0	0
237-258		0.7	0	1.8	0.7	0.4	0	0.4	0	0	0	0
259-281		0.4	0	2.2	1.5	0.7	0.7	0.4	0	0	0	0
282-303		0.7	0.4	4.4	1.1	2.2	0.7	1.5	0.4	0.4	0.4	0
304-326		0	0.7	2.6	3.3	1.5	1.5	1.1	0	0.4	0	0
327-348		0	0.7	3.7	2.9	3.3	1.5	1.8	0	0	0	0

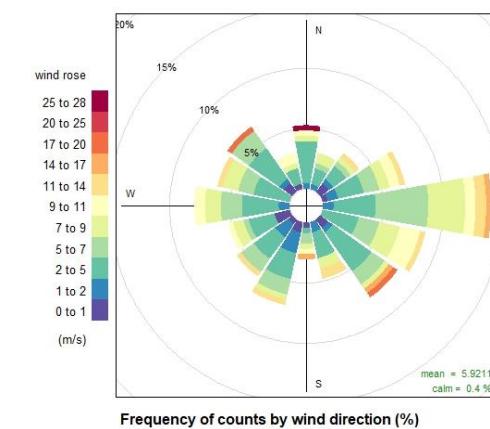


Raipur

September

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	3.5	0	0.4	0.4	0	0	0	0	0.4
12-33		0	0.4	1.3	0.4	0.9	0	0	0	0	0	0
34-56		0.9	0.4	1.3	0.4	0.4	0	0.4	0	0	0	0
57-78		0.4	0.9	2.2	1.3	0.9	0.9	0.4	0	0	0	0
79-101		0	0.9	3.5	4.4	3.1	0.9	0.9	0.4	0	0	0
102-123		0	0	3.1	1.8	1.8	1.8	0.4	0	0	0	0
124-146		0.9	0.4	3.9	1.3	0.4	0	0	0.4	0.4	0	0
147-168		0	0.9	1.8	0	0.9	0	0.9	0	0	0	0
168-191		0.4	0	0.9	0.9	0.4	0.4	0	0.4	0	0	0
192-213		0.9	1.8	2.2	1.3	0.4	0	0.4	0	0	0	0
214-236		0.4	1.3	2.2	1.3	0	0	0.4	0	0	0	0
237-258		1.3	0	2.2	0.4	0.9	0.4	0	0	0	0	0
259-281		0	0.9	3.1	1.8	1.3	0.9	0	0	0	0	0
282-303		0	0	3.1	1.3	1.3	0	0.4	0	0	0	0
304-326		0.9	0.4	3.1	1.8	0	0	0	0	0.4	0	0
327-348		0.4	0	1.3	0	0.4	0.9	0	0	0	0	0

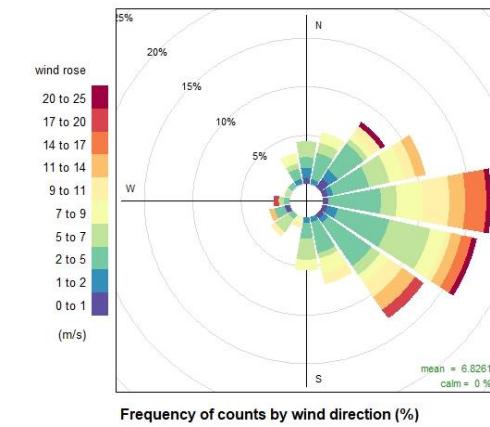


Raipur

September

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	1.1	1.1	1.6	0	0	0	0	0	0	0
12-33		0	0.5	2.7	1.1	1.1	0	0	0	0	0	0
34-56		1.1	1.1	3.3	0.5	0.5	1.1	0	0	0	0.5	0
57-78		0.5	0.5	3.8	2.2	1.6	1.1	1.1	0	0	0	0
79-101		0.5	0	5.4	1.6	2.7	2.7	1.6	2.2	0	0.5	0
102-123		0.5	1.1	5.4	4.3	1.6	0.5	1.1	1.1	0	0.5	0
124-146		0.5	0.5	5.4	1.1	1.1	1.6	1.6	0	1.1	0	0
147-168		0	0.5	3.3	0.5	1.6	1.1	0	0	0	0	0
168-191		0	0.5	1.6	2.2	1.1	0	0	0	0	0	0
192-213		0	0	0	0	0.5	0.5	0	0	0	0	0
214-236		0	0	0.5	1.6	0	0.5	0	0	0	0	0
237-258		0.5	0	1.1	0	0	0	0.5	0	0	0	0
259-281		0	0	0.5	0.5	0	0	0	0	0.5	0	0
282-303		0	0	0	0.5	0	0	0	0	0	0	0
304-326		0	0	0.5	0	0	0	0	0	0	0	0
327-348		0	0.5	1.1	0.5	1.1	0	0	0	0	0	0

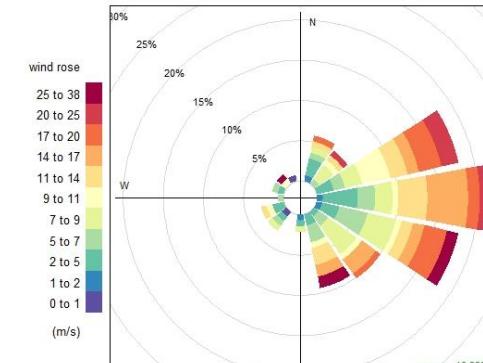


Raipur

September

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0.7	2.2	0.7	0.7	0	0.7	0	0.7	0	0
34-56		0	0	0	0.7	2.2	0.7	0.7	0	0	0.7	0
57-78		0	0	2.2	1.4	2.2	3.6	2.2	1.4	2.9	2.2	0
79-101		0	0.7	4.3	2.2	2.2	0.7	3.6	5.1	1.4	0.7	0
102-123		0	0.7	2.2	3.6	3.6	0.7	1.4	1.4	2.9	0	1.4
124-146		0	0	0.7	1.4	4.3	0.7	0	2.2	0.7	0	0
147-168		0	0	1.4	2.2	0	0.7	2.2	1.4	0	0	1.4
168-191		0	0.7	0.7	0	0.7	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0.7	0	0.7	0.7	0.7	0	0	0	0	0	0
237-258		0	0	1.4	0	0	0.7	0.7	0	0	0	0
259-281		0	0	0	0.7	0	0	0	0	0	0	0
282-303		0	0	0.7	0.7	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0.7	0	0	0	0	0.7
327-348		0.7	0	0	0	0	0	0	0	0	0	0

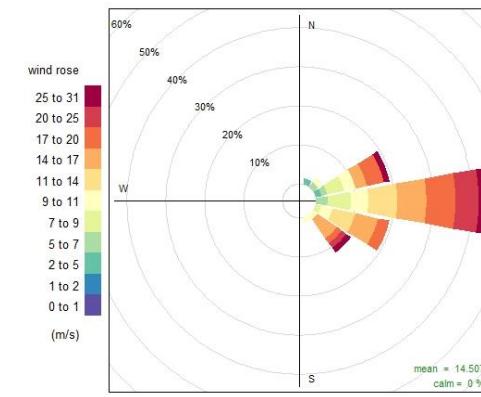


Raipur

September

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	1.5	0	0	0	0	0	0	0	0
34-56		0	0	0	1.5	0	1.5	0	0	0	0	0
57-78		0	0	1.5	1.5	4.5	3	0	3	4.5	0	1.5
79-101		0	0	0	3	6	4.5	7.5	7.5	7.5	6	1.5
102-123		0	0	0	0	1.5	3	6	6	3	0	0
124-146		0	0	0	0	0	1.5	0	6	1.5	1.5	1.5
147-168		0	0	0	0	0	1.5	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

October

1000 hPa level

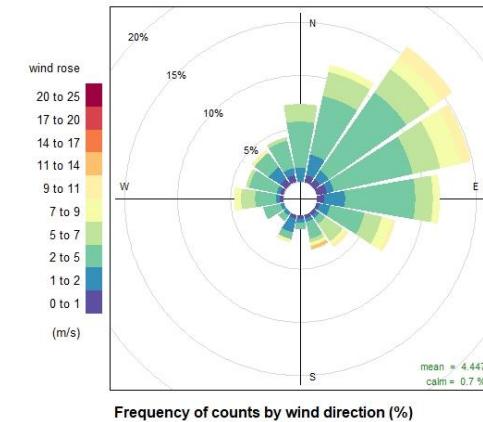
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

October

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.3	4.3	1.7	0	0	0	0	0	0	0
12-33		0.7	2	5.6	2.3	0.7	0	0	0	0	0	0
34-56		0.7	1	8.9	2.6	1.3	1.3	0	0	0	0	0
57-78		1	0.7	7.6	2.6	2	1	0	0	0	0	0
79-101		0.7	2	6.6	1.7	0.7	0	0	0	0	0	0
102-123		0.3	1	3.3	1.7	1	0.3	0	0	0	0	0
124-146		0.3	0.3	0.7	2	0.3	0.3	0	0	0	0	0
147-168		0.3	0.3	1.7	0.3	0.3	0	0.3	0	0	0	0
168-191		0.3	0.3	0.7	0	0	0	0	0	0	0	0
192-213		0.3	1.3	0.7	0	0	0.3	0	0	0	0	0
214-236		0	0.3	0.7	0	0	0	0	0	0	0	0
237-258		0	0.3	1.7	0	0	0	0	0	0	0	0
259-281		0.3	0.3	2	1.3	0.7	0	0	0	0	0	0
282-303		0.3	0.3	2.6	0.3	0	0	0	0	0	0	0
304-326		0.7	1.3	1.7	0	0	0.3	0	0	0	0	0
327-348		0.7	0.7	2.6	0.3	0	0	0	0	0	0	0

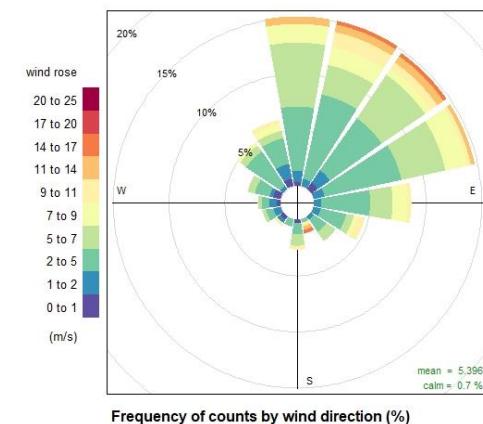


Raipur

October

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	1	0.3	1	5.7	5.7	1.7	0	0.7	0	0	0	0
12-33		0	0.7	7.7	2.7	1.7	1.3	0.7	0.3	0	0	0
34-56		0.7	1.3	5.7	4.7	0.7	0.7	0.7	0.3	0	0	0
57-78		0	1	7	4	2	0.3	0.3	0	0	0	0
79-101		0	0.7	4.4	2	1.3	0.3	0	0	0	0	0
102-123		0	0.7	2.3	0.7	0.3	0.7	0	0	0	0	0
124-146		0	0.3	1.3	1	0	0	0	0	0	0	0
147-168		0	0	0.3	0	0	0.3	0	0	0	0	0
168-191		0.3	0	1	1	0	0.3	0.3	0.3	0	0	0
192-213		0	0	0.7	0	0	0	0	0	0	0	0
214-236		0.3	0.3	0	0	0	0.3	0	0	0	0	0
237-258		0	0.7	0.7	0.3	0	0	0	0	0	0	0
259-281		0.3	0.7	0.7	0.3	0	0	0	0	0	0	0
282-303		0.7	0.3	1.3	0.7	0	0	0	0	0	0	0
304-326		0	0.3	3.7	0.7	0.3	0	0	0	0	0	0
327-348		0.7	1.3	2.3	0.7	0.7	0.3	0	0	0	0	0

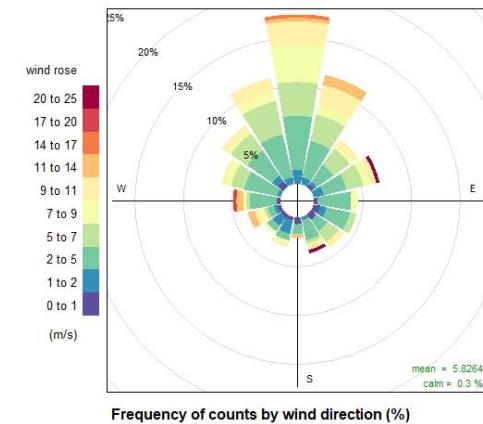


Raipur

October

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.4	5.6	3.5	3.8	2.4	0.3	0.3	0	0	0
12-33		0	0.7	3.8	2.8	1	2.1	1	0	0	0	0
34-56		0.3	0.3	2.1	2.1	0.3	0.7	0	0	0	0	0
57-78		0	1	2.4	1.7	0.7	0.7	0	0	0	0.3	0
79-101		0.3	0	3.5	0	0.7	0	0	0	0	0	0
102-123		0.7	0.7	2.4	0.7	0	0	0	0	0	0	0
124-146		0.7	0	1.4	1.4	0	0.7	0	0	0	0	0
147-168		0	0.3	2.1	0.3	0	0.7	0	0	0	0.3	0
168-191		0.7	0	1	0	0	0	0.3	0	0	0	0
192-213		0.3	1.4	0.7	0	0.3	0.3	0	0	0	0	0
214-236		0.3	1	0.7	0	0.3	0	0	0	0	0	0
237-258		0.3	0.3	0.7	0.3	0.7	0.3	0.7	0	0	0	0
259-281		0.3	0	2.8	0.3	0.3	0	0.7	0	0.3	0	0
282-303		0	0.3	3.5	1.4	0.7	0.3	0	0	0	0	0
304-326		0.7	0.7	3.1	2.1	0.3	0.7	0	0	0	0	0
327-348		0	0.7	4.5	3.5	1	1.4	0	0	0	0	0

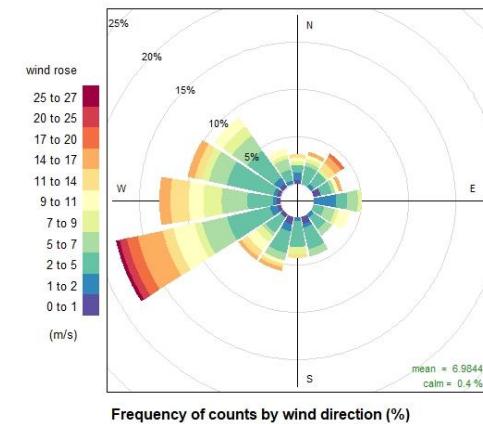


Raipur

October

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.8	0.8	0	0.4	0.4	0.4	0	0	0	0
12-33	0	0	1.9	0.4	0.4	0.4	0	0.4	0	0	0	0
34-56	0	0.4	1.6	0	0.4	0	0.8	0.8	0.4	0	0	0
57-78	0.8	0	1.2	0.4	0	0.4	0	0.4	0	0	0	0
79-101	0	2.3	1.2	1.2	0.4	0	0	0	0	0	0	0
102-123	0	0	1.2	1.2	0.4	1.2	0	0	0	0	0	0
124-146	0	0.4	1.6	0.8	0	0	0	0	0	0	0	0
147-168	0.8	0.4	1.9	0.8	0	0	0	0	0	0	0	0
168-191	0	0.4	3.1	0	0.8	0	0.4	0	0	0	0	0
192-213	0.8	0.8	2.3	0.8	0	0.4	0.4	0.4	0	0	0	0
214-236	0.4	0	1.9	0.4	0.8	1.2	0.8	0.4	0	0	0	0
237-258	0.4	0.8	4.7	2.7	0.8	2.3	1.2	2.7	1.2	0.8	0.4	0.4
259-281	0.4	0.4	2.7	2.7	1.9	1.6	1.9	1.2	0	0	0	0
282-303	0.4	0.4	5.1	1.9	0.8	0	0.8	0.8	0	0	0	0
304-326	0.4	0.8	3.5	1.9	1.2	1.2	0	0	0	0	0	0
327-348	0	0.4	1.2	1.2	0.4	0.8	0	0	0	0	0	0

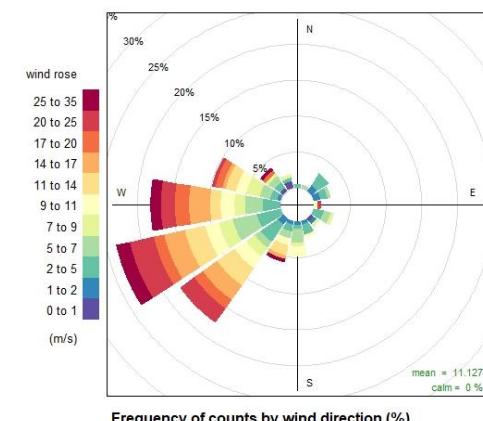


Raipur

October

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.5	0	0	0	0	0	0	0	0
12-33	0	0	0	0.5	0	0	0	0	0	0	0	0
34-56	0	1	2	0	0	0	0	0	0	0	0	0
57-78	0	1	1	0.5	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0.5	0	0	0	0.5	0	0
102-123	0	0	1.5	1	0.5	0	0	0	0	0	0	0
124-146	0.5	0.5	0	0	0.5	0	0	0	0	0	0	0
147-168	0	0.5	1.5	0	0	0.5	0	0	0	0	0	0
168-191	0	0.5	0.5	2	0.5	1.5	0	0	0	0	0	0
192-213	0	0.5	1	1	0	1	1.5	0.5	0	0	0.5	0
214-236	0	1	2.9	1	1.5	2	2.9	2.5	1.5	2.5	0	0
237-258	0	0	3.4	3.4	2	2	2.9	2.9	1.5	3.4	2	0
259-281	0	0	2.5	2.5	1.5	2	1.5	2.9	2	2	1.5	0
282-303	0	0.5	1	1.5	2	1.5	1.5	0.5	1	0.5	0	0
304-326	0.5	0	1	1	0.5	0	0	0	0.5	0	0.5	0
327-348	1	0	0.5	0	0.5	0	0	0	0	0	0	0

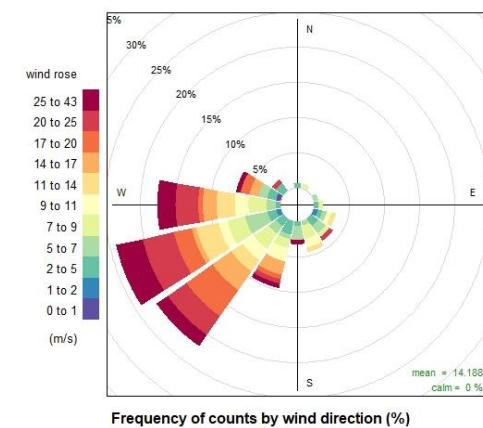


Raipur

October

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.6	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0.6	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0.6	0	0	0	0	0	0	0
79-101		0	0	0.6	0	0.6	0	0	0	0	0	0
102-123		0	0.6	0.6	0.6	0	0.6	0.6	0	0	0	0
124-146		0	0	1.3	1.3	0.6	0	0	0	0	0.6	0
147-168		0	0	0	0.6	1.9	0.6	0	0	0	0	0
168-191		0	0	0.6	1.9	0	0.6	0.6	0	0	0	0.6
192-213		0	0	1.9	0.6	1.3	1.9	0	1.9	0.6	0.6	0.6
214-236		0	0	1.3	1.3	2.6	1.9	1.9	3.2	4.5	3.2	1.9
237-258		0	0.6	1.3	3.2	2.6	1.3	3.2	0.6	2.6	4.5	3.9
259-281		0	0	0.6	1.3	2.6	1.9	2.6	1.9	0.6	3.2	2.6
282-303		0.6	0	1.3	1.3	0	0	0	1.3	1.3	0	0.6
304-326		0	0	1.3	0	0	0	0	0	0	0.6	0
327-348		0	0	0	0	0	0	0	0	0	0	0

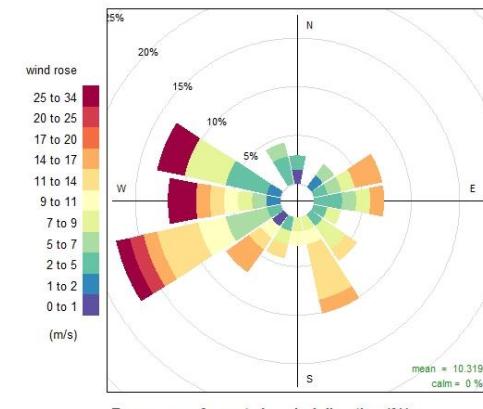


Raipur

October

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		1.4	0	1.4	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	1.4	0	1.4	0	0	0	0	0	0	0
57-78		0	0	1.4	1.4	1.4	0	0	2.9	0	0	0
79-101		0	0	2.9	1.4	1.4	0	0	1.4	0	0	0
102-123		0	0	1.4	0	1.4	0	0	0	0	0	0
124-146		0	0	1.4	0	2.9	0	1.4	0	0	0	0
147-168		0	0	0	0	1.4	1.4	5.8	1.4	0	0	0
168-191		0	0	0	0	1.4	1.4	0	0	0	0	0
192-213		0	0	1.4	0	1.4	0	1.4	0	0	0	0
214-236		1.4	0	0	0	0	1.4	1.4	2.9	0	0	0
237-258		0	0	1.4	4.3	0	2.9	4.3	1.4	0	1.4	1.4
259-281		0	1.4	0	1.4	1.4	1.4	1.4	1.4	0	0	2.9
282-303		0	1.4	4.3	0	4.3	0	0	0	0	0	2.9
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0	2.9	1.4	0	0	0	0	0	0	0



Raipur

November

1000 hPa level

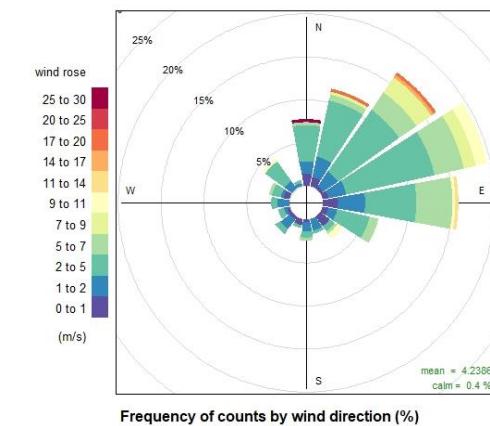
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

November

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		1.4	1.4	4.2	0.4	0	0	0	0	0	0	0.4
12-33		1.1	2.5	6.7	0.7	0.4	0	0	0	0.4	0	0
34-56		0.4	2.1	8.8	2.5	2.1	0	0	0.4	0.4	0	0
57-78		0.7	2.1	10.5	3.5	1.4	1.4	0	0	0	0	0
79-101		1.8	3.2	6	4.2	0	0.4	0.4	0	0	0	0
102-123		0.7	1.1	3.9	1.1	0	0	0	0	0	0	0
124-146		1.4	0	0.7	0.4	0	0.7	0	0	0	0	0
147-168		0	1.4	0.4	0	0	0	0	0	0	0	0
168-191		0.4	1.1	0.7	0.4	0	0	0	0	0	0	0
192-213		0.7	0	0.4	0	0	0	0	0	0	0	0
214-236		0.4	1.4	0.7	0	0	0	0	0	0	0	0
237-258		0.4	0.4	0.7	0	0	0	0	0	0	0	0
259-281		0	1.4	0.7	0	0	0	0	0	0	0	0
282-303		0.7	0.4	1.1	0.4	0	0	0	0	0	0	0
304-326		0	1.1	2.8	0	0	0.4	0	0	0	0	0
327-348		0	0.4	0.4	0	0	0	0	0	0	0	0

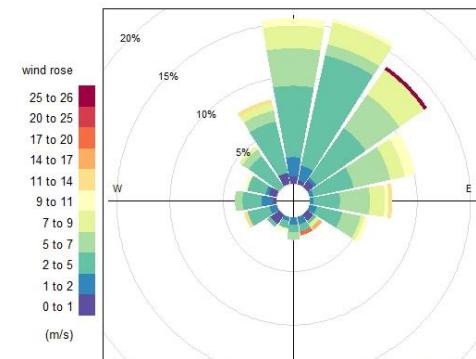


Raipur

November

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	1.8	6.7	3.5	2.1	0.7	0	0	0	0	0
12-33		0.4	1.4	10.5	1.1	2.1	0.4	0	0	0	0	0
34-56		0.7	0.4	5.6	3.9	2.8	0	0	0	0	0	0.4
57-78		0	0.4	3.9	3.5	1.4	1.1	0	0	0	0	0
79-101		0	0.4	2.5	2.8	1.4	0.4	0.4	0	0	0	0
102-123		0	0.7	2.5	1.8	0.4	0.4	0	0	0	0	0
124-146		0.7	0	0.4	0	0.4	0	0	0.4	0	0	0
147-168		0	0.7	0.7	0	0	0	0	0.4	0	0	0
168-191		0	0.7	0.7	0.7	0	0	0	0	0	0	0
192-213		0	0.4	0.7	0	0	0.4	0	0	0	0	0
214-236		1.1	0	0.4	0	0	0	0	0	0	0	0
237-258		0	0.7	2.1	0	0	0	0.4	0	0	0	0
259-281		0.4	1.1	1.8	0.7	0	0	0	0	0	0	0
282-303		0.7	0.4	1.8	0	0	0.4	0	0	0	0	0
304-326		0	0	3.5	0.7	0.4	0	0	0	0	0	0
327-348		1.1	0	4.9	1.1	0.7	0	0.4	0	0	0	0

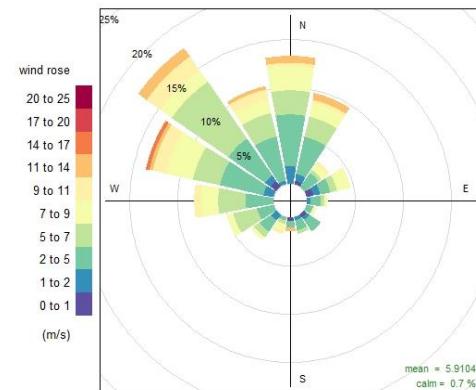


Raipur

November

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.8	5.4	2.5	2.5	0.4	0.7	0	0	0	0
12-33		0.4	0.7	3.9	2.2	1.4	0.4	0.7	0	0	0	0
34-56		0	0	1.8	0.4	0.7	0.4	0	0	0	0	0
57-78		0.7	0.7	1.1	0.7	1.4	0	0	0	0	0	0
79-101		0	0.4	1.1	0.4	0.4	0	0	0	0	0	0
102-123		0	0	0.7	0	0.4	0	0	0	0	0	0
124-146		0.4	0.4	1.4	0	0	0	0	0	0	0	0
147-168		0	0.4	0.7	0.4	0	0	0	0	0	0	0
168-191		0.4	0	1.1	0	0	0.4	0	0	0	0	0
192-213		0	0	0.4	0.4	0.7	0.4	0	0	0	0	0
214-236		0	0.7	1.4	0.7	0.4	0	0	0	0	0	0
237-258		0	0	1.8	2.5	0.7	0	0	0	0	0	0
259-281		0	0	2.9	2.9	1.8	0.7	0	0	0	0	0
282-303		0	1.1	4.7	2.9	2.9	1.4	0.4	0.4	0	0	0
304-326		0.7	0.7	4.7	7.2	1.4	1.8	1.1	0	0	0	0
327-348		0	0.4	4.7	2.5	1.4	1.1	0.4	0	0	0	0

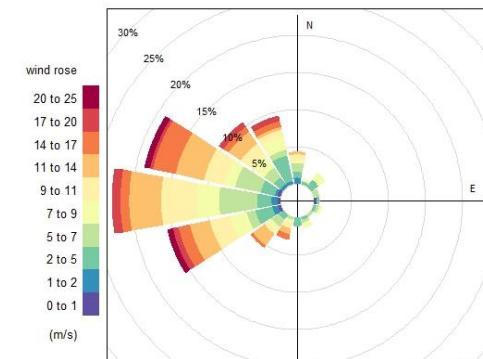


Raipur

November

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.8	0.8	1.2	0.4	0.8	0.4	0	0	0	0
12-33		0	0	0.4	0	0.4	0	0	0	0	0	0
34-56		0	0	1.2	0	1.2	0	0	0	0	0	0
57-78		0	0	0	0.8	0	0	0	0	0	0	0
79-101		0.4	0	0.4	0	0	0	0	0	0	0	0
102-123		0	0	0.4	0.4	0.4	0	0	0	0	0	0
124-146		0	0	0.4	0	0	0	0	0	0	0	0
147-168		0	0	0.4	0	0.4	0	0	0	0	0	0
168-191		0	0	1.2	0.4	0.4	0	0	0	0	0	0
192-213		0	0	0	0.4	0.4	0.8	0.8	0.8	0	0	0
214-236		0	0	0.8	1.2	0.8	0.4	2	0.4	0	0	0
237-258		0.4	0.8	2.4	1.2	2.4	2.7	2.7	1.6	0.8	0.8	0
259-281		0.4	0.8	2	5.1	3.1	4.7	4.3	1.2	1.2	0	0
282-303		0.4	0.4	2	3.5	1.6	2.7	3.9	3.1	0.4	0.8	0
304-326		0	0.4	1.2	1.6	2	2	2	0.8	0.8	0	0
327-348		0	0.4	3.5	0.8	2	0.8	0.4	0.8	0.8	0	0

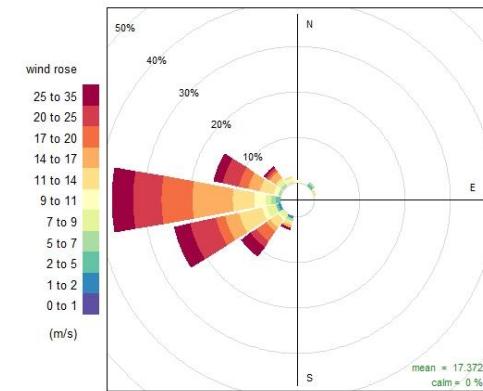


Raipur

November

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0.5	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0.5	0.5	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0.5	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0.5	0	0.5	0.5	0	0.5	0.5	0	0	0.5
214-236		0	0	0	1	0.5	2.1	1	2.6	1.6	2.6	
237-258		0	0.5	0.5	0	2.1	1	5.2	3.1	2.1	5.8	3.7
259-281		0	0	1	1	1	2.6	4.7	8.9	6.8	6.3	4.7
282-303		0	0	0	0.5	0	1	3.1	2.6	2.1	3.7	2.1
304-326		0	0	0	0.5	1	0	0.5	1.6	0.5	0.5	0.5
327-348		0	0	0	0	0.5	0.5	0.5	0	0	0	0

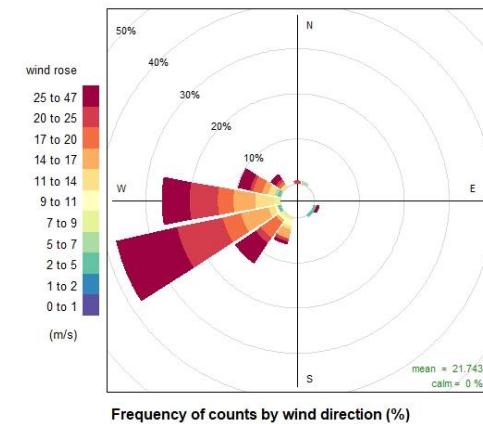


Raipur

November

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0.7	0
12-33		0	0	0	0.7	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0.7	0	0	0	0	0	0	0	0.7
124-146		0	0	0.7	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0.7	1.4	0.7	2.1	0	0.7	0.7	0.7
214-236		0	0	0	0.7	0.7	0	0.7	4.2	1.4	5.6	
237-258		0	0	0.7	0	0	0.7	1.4	6.2	4.2	10.4	13.9
259-281		0	0	0	1.4	0	4.2	4.9	3.5	6.2	6.2	
282-303		0	0	0.7	0.7	0	0	1.4	1.4	2.1	0.7	2.8
304-326		0	0	0	0	0	0.7	0	0.7	0.7	0.7	1.4
327-348		0	0	0	0	0	0	0	0	0	0	0

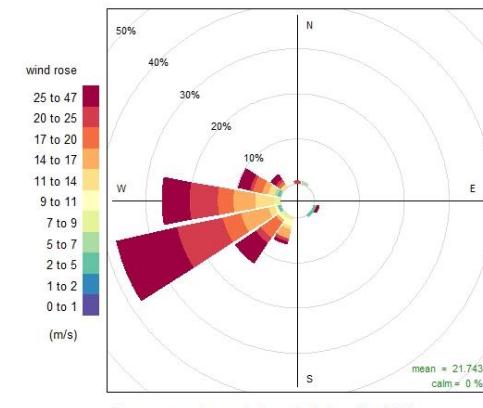


Raipur

November

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		1.6	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	1.6	0	0	0	0	0
79-101		0	0	1.6	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	1.6	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	1.6	0	0	0	0	0	0	0	0
192-213		0	1.6	0	0	0	0	0	1.6	0	0	0
214-236		0	0	1.6	0	0	3.2	3.2	0	1.6	0	0
237-258		0	1.6	1.6	3.2	1.6	4.8	4.8	11.3	4.8	1.6	0
259-281		0	0	1.6	0	0	0	8.1	4.8	1.6	3.2	0
282-303		0	0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	3.2	0
304-326		0	0	3.2	0	0	1.6	1.6	0	0	0	0
327-348		0	0	0	3.2	0	0	0	0	0	0	0



Raipur

December

1000 hPa level

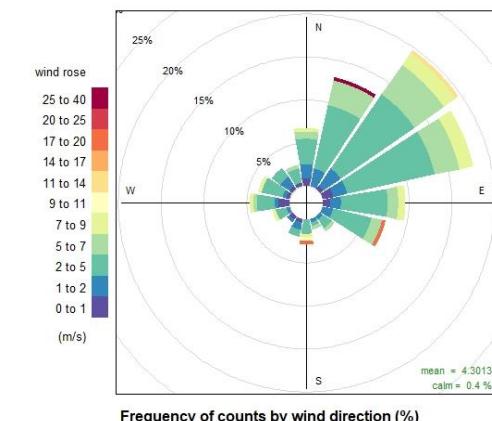
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258												
259-281												
282-303												
304-326												
327-348												

Raipur

December

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.8	1.7	2.9	0.8	0.4	0	0	0	0	0	0
12-33	0	2.1	7.5	2.9	0	0	0	0	0	0	0	0.4
34-56	0.4	2.5	10.5	4.2	1.7	0	0.4	0	0	0	0	0
57-78	1.3	1.7	10.5	2.9	1.7	0	0	0	0	0	0	0
79-101	0.8	1.3	5.4	1.3	0.8	0	0	0	0	0	0	0
102-123	0	1.3	4.6	1.3	0	0	0	0	0.4	0	0	0
124-146	0	0.4	1.3	0.4	0	0	0	0	0	0	0	0
147-168	0	0.4	0.4	0.4	0	0	0	0	0	0	0	0
168-191	0	0	1.7	0	0.4	0.4	0	0	0.4	0	0	0
192-213	0.4	0.8	0.8	0	0	0	0	0	0	0	0	0
214-236	0.4	0.4	0	0	0	0	0	0	0	0	0	0
237-258	0	0.4	1.3	0	0.4	0	0	0	0	0	0	0
259-281	1.3	0.4	2.1	0.4	0.4	0	0	0	0	0	0	0
282-303	0.4	0.4	2.5	0	0.4	0	0	0	0	0	0	0
304-326	0.4	1.3	1.3	0	0	0	0	0	0	0	0	0
327-348	0.4	0	1.7	0.4	0	0	0	0	0	0	0	0

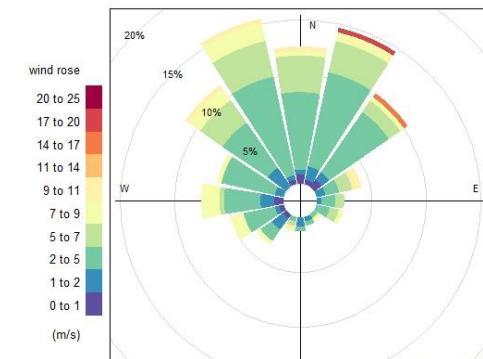


Raipur

December

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.8	0.4	7.1	3.3	0.4	0.4	0	0	0	0	0
12-33		0.4	1.3	8.8	2.9	0.8	0	0	0	0.4	0	0
34-56		0.8	0.8	6.7	1.3	0.4	0	0	0.4	0	0	0
57-78		0	0.8	1.3	1.3	0	0.8	0	0	0	0	0
79-101		0	0.4	1.3	0.8	0	0	0	0	0	0	0
102-123		0	0	1.3	0.8	0.4	0	0	0	0	0	0
124-146		0	0	0.4	0	0.4	0	0	0	0	0	0
147-168		0	0.4	0.4	0	0	0	0	0	0	0	0
168-191		0	0.8	0.4	0	0	0	0	0	0	0	0
192-213		0	0	0.4	0.4	0	0.4	0	0	0	0	0
214-236		0.4	1.3	1.3	0	0.4	0	0	0	0	0	0
237-258		0.4	0.4	2.9	0	1.3	0	0	0	0	0	0
259-281		0.8	1.3	3.3	0.4	1.7	0	0	0	0	0	0
282-303		0	0.8	5	0	0.4	0	0	0	0	0	0
304-326		0	2.1	5	2.5	1.3	0.4	0	0	0	0	0
327-348		0.4	0.4	9.2	3.3	1.7	0.4	0	0	0	0	0

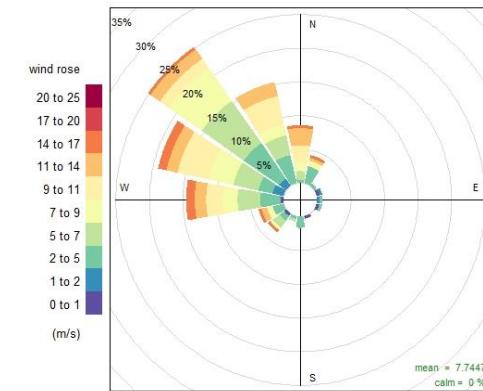


Raipur

December

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.4	1.3	1.3	2.6	2.6	0.4	0	0	0
12-33		0	0	2.6	0	0.9	0	0.4	0.4	0	0	0
34-56		0	0	0.4	0	0	0	0	0	0	0	0
57-78		0.4	0.4	0	0	0	0	0	0	0	0	0
79-101		0	0.4	0.4	0	0	0	0	0	0	0	0
102-123		0.4	0	0.4	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0.4	0	0	0	0	0	0	0	0	0	0
168-191		0	0	1.7	0	0	0	0	0	0	0	0
192-213		0	0	0.4	0.4	0	0	0	0	0	0	0
214-236		0.4	0	0.9	1.3	0.4	0	0	0.4	0	0	0
237-258		0	0	1.7	0	0.9	0	0.9	0.4	0	0	0
259-281		0.4	0	3	3.4	2.1	2.6	1.7	1.3	0	0	0
282-303		0	1.7	2.1	3.8	3.8	4.7	1.7	1.3	0	0	0
304-326		0	1.3	6.4	7.7	6	1.7	1.7	0.4	0	0	0
327-348		0	0	4.3	3	1.7	4.3	2.1	0	0	0	0

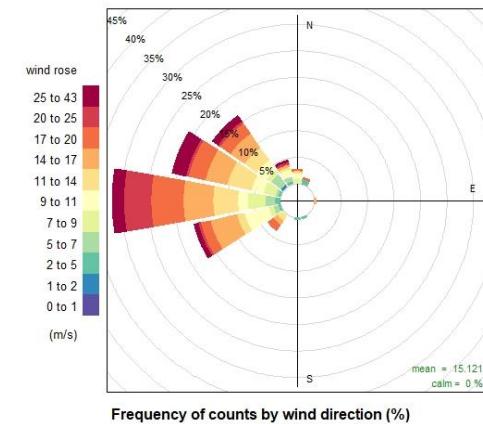


Raipur

December

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0.9	0.9	0.5	0	0.5	0	0
12-33		0	0	0.9	0	0	0	0	0	0.5	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0.5	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0.5	0	0	0	0	0	0	0	0
168-191		0	0	0.5	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0.5	0	0.9	0.9	1.4	0	0	0
237-258		0	0	0.5	0.9	0.9	4.7	1.4	5.1	1.9	0.5	0.9
259-281		0	0	0.9	1.9	3.3	1.9	4.7	5.6	6.1	5.1	2.3
282-303		0	0	0.5	0.5	2.3	2.3	4.7	4.2	3.3	0.5	2.8
304-326		0	0.5	0	2.3	0.9	2.3	2.8	3.3	2.3	0.5	1.4
327-348		0	0	0.5	0.9	0	1.4	0.5	0.5	0	0.5	0.5

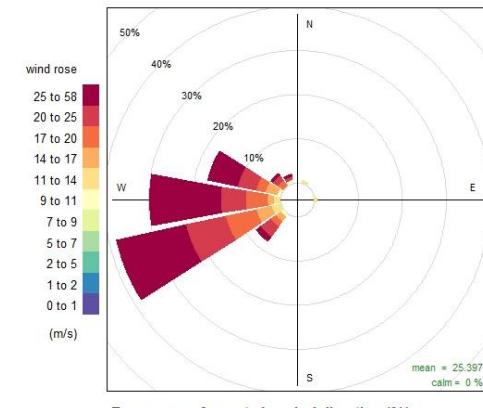


Raipur

December

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0.7	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0.7	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0.7	0	1.4	1.4	2.8	1.4	
237-258		0	0	0	0	0	0	2.1	3.5	7.1	9.2	16.3
259-281		0	0	0	0	0	1.4	1.4	5	5.7	16.3	
282-303		0	0	0	0	0.7	0	2.8	2.1	4.3	7.1	
304-326		0	0	0	0	0	0	0	1.4	1.4	0.7	
327-348		0	0	0	0	0.7	0	0	0	0.7	0.7	

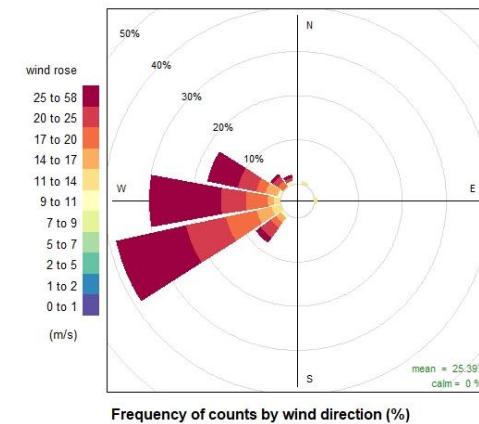


Raipur

December

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	1.2	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	1.2	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	2.3
214-236		0	0	0	0	0	0	1.2	1.2	1.2	1.2	8.1
237-258		0	0	0	0	2.3	3.5	0	1.2	1.2	3.5	27.9
259-281		0	0	1.2	0	0	1.2	1.2	1.2	4.7	10.5	15.1
282-303		0	0	0	0	0	0	0	0	0	3.5	5.8
304-326		0	0	0	0	0	0	0	0	0	0	1.2
327-348		0	0	0	0	0	0	0	0	0	0	0

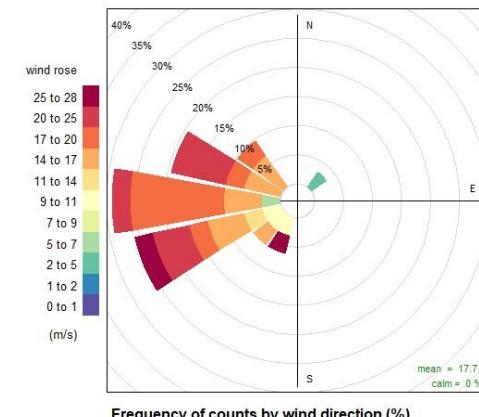


Raipur

December

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	3.2	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	3.2	0	0	0	0	0	3.2
214-236		0	0	0	0	3.2	0	3.2	0	0	0	0
237-258		0	0	0	0	3.2	3.2	6.5	3.2	6.5	3.2	3.2
259-281		0	0	0	3.2	0	0	6.5	16.1	3.2	0	0
282-303		0	0	0	0	0	0	6.5	3.2	9.7	0	0
304-326		0	0	0	0	0	0	6.5	3.2	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Raipur

42875

Station height

625

January

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	980.2	986	974	14.7	20.6	8	11.1	51	1.3	-1	-0.8	2
1000	134	176	82									
950	559	617	460	18.1	26	10	9.6	51	2.6	-2	-1.6	4.3
925	789	871	700	17.9	27.5	10.6	8.3	54	1.4	-1.1	-0.8	3.8
900	1025	1153	975	16.8	27.5	8.2	7	14	0.4	-0.1	-0.4	3.7
850	1509	1633	1460	13.9	23.8	4	3.7	281	2	2	-0.4	4.8
800	2018	2141	1959	11.3	20.7	0.4	-0.3	281	3.8	3.7	-0.7	6.4
750	2552	2700	2440	8.9	18.3	1.4	-4.4	280	5.2	5.1	-0.9	7.8
700	3122	3255	3042	6.4	14.3	-2.1	-8	277	6.6	6.6	-0.8	9.3
650	3723	3850	3600	3.4	10.8	-5.7	-11.5	274	8.3	8.3	-0.6	10.9
600	4370	4510	4252	0	6.8	-9.5	-15.6	270	10.2	10.2	0	13
550	5062	5210	4930	-3.9	3.4	-13.7	-19.1	265	12.1	12.1	1	15.3
500	5806	5946	5675	-8.7	-1	-19.7	-22.8	261	13.9	13.7	2.1	17.3
450	6614	6760	6470	-14	-3.1	-24.5	-28.5	259	15.4	15.1	3	19.1
400	7496	7675	7307	-20.1	-9.1	-32.5	-33.8	256	16.4	15.9	3.9	20.4
350	8470	8640	8300	-26.9	-15.2	-38.7	-39.6	251	16.8	15.9	5.5	21.2
300	9565	9785	9284	-34.4	-22.7	-44.5	-46.3	250	16.4	15.4	5.5	20.4
250	10814	11075	10502	-43.4	-35.5	-55.5	-55.7	245	14.9	13.6	6.2	17.9
200	12280	12638	11957	-54.2	-37	-63.9	-66.1	241	11.1	9.7	5.3	12.9
175	13121	13396	12805	-60.3	-50.3	-70.9		236	9.1	7.5	5.1	10
150	14066	14357	13762	-66.1	-54.9	-77.1		236	8.7	7.2	4.8	9.8
125	15161	15474	14844	-71.5	-55	-83.7		236	5.5	4.6	3.1	6.5
100	16455	16793	16088	-76	-55.3	-86		247	4	3.7	1.6	5
80	17729	18053	17150	-75.6	-59.2	-84.7		264	1.9	1.9	0.2	3.5
70	18515	19367	17296	-72.6	-56	-81.5		270	0.7	0.7	0	3.9
60	19439	20277	18951	-67.8	-52.6	-79.1		249	1.4	1.3	0.5	3
50	20565	22000	20053	-63.2	-47.7	-77		252	2	1.9	0.6	3.6
40	21910	22262	20727	-58.6	-44.5	-73.1		274	1.6	1.6	-0.1	3.7
30	23733	24130	23000	-54.2	-43.3	-69.1		276	1	1	-0.1	4.4
25	24913	25325	24560	-52.1	-41.5	-66.1		281	1.6	1.6	-0.3	3.3
20	26367	26798	25956	-49.6	-37.1	-63.9		263	2.5	2.5	0.3	4.1
15	28246	28755	27725	-47.2	-29.1	-62.7		253	3.1	3	0.9	4.9
10	30782	31276	30231	-48.1	-41.1	-60.7		267	1.8	1.8	0.1	2.2
7	33232	33597	32891	-44.3	-37.7	-50.1		104	2.9	-2.8	0.7	2.9

FREEZING LEVEL

P	Height	H_max	H_min
605	4321	5680	2730

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
102	16376	-77.9

Raipur

42875

Station height

625

February

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	978.5	985	972	17.6	23.6	10.6	12.5	39	0.6	-0.4	-0.5	1.6
1000	111	163	71									
950	544	621	450	20.8	29.9	13.4	10.5	42	2.7	-1.8	-2	5.2
925	775	845	680	20.7	29.6	12.6	8.9	42	1.3	-0.9	-1	4.9
900	1014	1073	958	19.6	29.4	8.6	7.8	321	0.6	0.4	-0.5	4.7
850	1503	1579	1407	16.4	24.6	8.2	5.1	268	2.7	2.7	0.1	5.4
800	2016	2077	1953	13	21.2	6.4	1.7	269	4.8	4.8	0.1	7.2
750	2553	3001	2470	9.5	20.8	2.8	-1.1	272	6.6	6.6	-0.2	9.5
700	3123	3223	3037	6.1	15	-0.5	-5.4	273	8.3	8.3	-0.4	11.5
650	3722	3837	3600	2.8	11.2	-4.3	-10.6	273	9.9	9.9	-0.5	13.3
600	4369	4480	4253	-0.5	6.8	-7.9	-15	270	11.8	11.8	-0.1	15.4
550	5058	5200	4926	-4.5	2.8	-12.9	-19.5	270	14.1	14.1	0.1	17.9
500	5802	5932	5662	-9	-1.1	-16.7	-25.3	268	15.7	15.7	0.5	19.7
450	6608	6900	6478	-14.2	-3.9	-23.9	-30.5	265	17.6	17.5	1.5	21.9
400	7491	7655	7358	-20.2	-9.3	-29.5	-34.9	263	17.6	17.5	2.1	21.6
350	8465	8699	8300	-26.9	-15.1	-38.9	-40.7	262	17.8	17.6	2.4	21.3
300	9558	9808	9370	-34.5	-20.3	-47.5	-47.6	261	16.4	16.2	2.5	19.3
250	10807	11148	10555	-43.6	-26.3	-55.5	-55	259	13	12.8	2.5	14.9
200	12270	12723	11980	-54.4	-38.1	-66.1	-63.4	255	11.4	11	2.9	12.5
175	13115	13628	12821	-60.1	-43.7	-76.7		258	9.1	8.9	1.9	9.9
150	14063	14641	13757	-65.6	-49.7	-79.1		255	7.8	7.5	2	8.3
125	15150	15811	14786	-71.5	-50.1	-84.1		255	6.6	6.4	1.7	7.3
100	16453	17218	16018	-76.1	-51.4	-87.9		257	5.1	5	1.2	5.7
80	17719	17963	17226	-76.7	-59.5	-86.9		262	3	3	0.4	3.8
70	18492	18760	17962	-74.1	-56.9	-84.1		283	1.8	1.8	-0.4	3.3
60	19395	19655	18840	-69.5	-51.9	-80.5		255	1.1	1.1	0.3	3.1
50	20494	20778	19916	-64.1	-47.1	-78.9		225	0.1	0.1	0.1	3.1
40	21870	22240	21257	-60.1	-42.3	-75.5		27	0.7	-0.3	-0.6	3.5
30	23671	24203	23008	-56.3	-38.1	-71		294	1.2	1.1	-0.5	3.4
25	24838	25463	24146	-53.6	-35.9	-66.9		45	1	-0.7	-0.7	3.7
20	26253	26599	25575	-51.7	-40.7	-62.9		98	0.7	-0.7	0.1	4.4
15	28110	28513	27424	-48.7	-37.7	-59.1		274	2.6	2.6	-0.2	4.4
10	30821	31257	30172	-45.3	-38.1	-54.3		259	3.6	3.5	0.7	6.3
7	33294	33701	32510	-41.4	-37.3	-50.1		252	8.4	8	2.6	8.7

FREEZING LEVEL

P	Height	H_max	H_min
613	4211	5670	2950

FIRST TROPOPAUSE

P	Height	Temp

SECOND ROPOPAUSE

P	Height	Temp
98	16623	-78.4

Raipur

42875

Station height

625

March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWP	DIR	VELO	U	V	VM
SURFACE	975.8	984	968	21.6	28	13.6	13.7	81	0.6	-0.6	-0.1	1.9
1000	84	127	26									
950	525	591	460	24.8	35.6	16.6	11.3	23	1.3	-0.5	-1.2	5.4
925	760	820	690	25	34.8	16.6	9.2	351	0.6	0.1	-0.6	5.6
900	1002	1056	942	23.9	32.2	12.5	8.2	300	0.8	0.7	-0.4	5.6
850	1498	1552	1440	20.5	30.8	2.1	5.6	277	2.3	2.3	-0.3	5.6
800	2017	2078	1963	16.4	26.8	-1.7	3.1	271	3.9	3.9	-0.1	6.7
750	2558	2640	2480	11.9	22.1	-8.4	0.3	272	5.2	5.2	-0.2	8.2
700	3134	3211	3014	7.3	17.5	-14.5	-3.1	275	6.3	6.3	-0.6	9.8
650	3735	3831	3569	2.9	12.6	-20.1	-7.1	280	7.6	7.5	-1.3	11.1
600	4381	4492	4157	-0.7	10.2	-24.9	-12.5	282	8.5	8.3	-1.7	12.2
550	5071	5199	4936	-4.4	7	-13.5	-18.3	279	9.9	9.8	-1.6	14
500	5815	5961	5652	-8.8	1.6	-20.4	-22.7	275	11.1	11.1	-1	15.3
450	6623	6785	6417	-14.2	-2.5	-28.1	-28.1	270	12.4	12.4	-0.1	17.4
400	7505	7695	7257	-20.4	-10.5	-31.1	-32.9	264	14	13.9	1.4	19.3
350	8476	8669	8192	-27.4	-18.5	-37.2	-38.7	261	14.7	14.5	2.2	20.3
300	9569	9774	9233	-35.1	-23.8	-47.7	-45.9	258	16.1	15.7	3.4	21.3
250	10815	11019	10507	-43.9	-34.1	-54.5	-55.1	252	15	14.3	4.6	19.4
200	12280	12540	11952	-53.9	-44.9	-65.1	-61.2	248	12.6	11.7	4.8	16.2
175	13127	13377	12794	-59.2	-48.7	-68.7	-64.7	251	11	10.4	3.5	14
150	14077	14345	13743	-64.7	-52.3	-74.1		253	9.5	9.1	2.8	11.8
125	15184	15463	14896	-70.3	-51.3	-78.9		258	8.2	8	1.7	10.2
100	16492	16956	16193	-75	-67.1	-83.2		267	5.1	5.1	0.3	6.3
80	17780	18236	17487	-75.4	-58.3	-83.2		270	2.7	2.7	0	4.7
70	18558	18870	18268	-73	-58.1	-83.1		280	2.3	2.3	-0.4	3.8
60	19469	19705	19203	-67.8	-51.7	-81.1		306	0.9	0.7	-0.5	3.8
50	20575	20890	20319	-62.4	-43.8	-75.9		353	0.8	0.1	-0.8	3.6
40	21956	22275	21663	-58.3	-45.1	-68.1		277	0.8	0.8	-0.1	3.9
30	23772	24192	23437	-54.3	-39.2	-65.7		279	1.2	1.2	-0.2	4.9
25	24942	25420	24570	-51.7	-40.5	-66.3		304	1.1	0.9	-0.6	5.5
20	26399	26933	26010	-48.8	-35.7	-64.5		289	1.8	1.7	-0.6	5.7
15	28282	28922	27844	-45.6	-27.1	-58.7		261	1.9	1.9	0.3	6.6
10	30950	31618	30439	-43.5	-27.9	-57.7		284	4.1	4	-1	8.6
7	33388	34198	32752	-41.4	-24.3	-53.7		292	6.2	5.8	-2.3	12.4

FREEZING LEVEL

P	Height	H_max	H_min
610	4262	6070	2697

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
96	16790	-77.1

Raipur

42875

Station height

625

April

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	973.2	980	966	25.5	31.6	18	15.6	229	0.9	0.7	0.6	2
1000	53	95	-2									
950	506	567	439	28.1	37.1	17.2	13.9	250	2	1.9	0.7	6.3
925	742	798	679	28.3	36.6	17	11.8	253	2.7	2.6	0.8	7.1
900	986	1040	925	27.4	37.8	17	10.3	261	3	3	0.5	7.3
850	1488	1545	1434	24	33.6	7.5	7.3	279	3.2	3.2	-0.5	6.9
800	2013	2080	1962	19.8	28.1	3.6	4.2	284	3	2.9	-0.7	6.4
750	2561	2633	2489	15.1	26.4	3.3	1.5	287	3.4	3.2	-1	6.6
700	3142	3218	3047	10	20.1	2.1	-1.3	286	3.7	3.6	-1	7.1
650	3749	3834	3643	4.8	14.9	-3.3	-4.4	284	4.1	4	-1	7.7
600	4398	4492	4281	0	8	-7.9	-9.6	284	4.5	4.4	-1.1	8.4
550	5090	5194	4961	-3.8	4.9	-13.7	-15.5	284	5.6	5.4	-1.3	9.1
500	5836	5945	5693	-7.7	1	-18.1	-21.5	277	6.6	6.6	-0.8	10.3
450	6648	6773	6498	-12.7	-4.3	-23.9	-26.9	271	8.3	8.3	-0.2	12
400	7535	7675	7346	-18.6	-8.4	-30.5	-31.2	264	10.6	10.5	1.1	14.1
350	8515	8674	8277	-25.4	-17.5	-38.7	-36.5	260	13.3	13.1	2.3	17
300	9615	9799	9316	-33.2	-22.7	-46.9	-43.6	256	15.8	15.4	3.7	19.8
250	10870	11101	10507	-42.3	-32.2	-54.9	-53.4	253	18.4	17.6	5.5	22
200	12345	12621	11940	-52.5	-42.7	-63	-62.6	246	16.7	15.3	6.8	19
175	13198	13487	12780	-58.2	-47.9	-71.5	-61.6	246	15.3	14	6.1	17.3
150	14153	14455	13723	-64.2	-53.5	-78.2		248	13	12.1	4.8	14.9
125	15255	15579	14804	-70.2	-57.5	-85.7		253	10.8	10.3	3.2	12.2
100	16565	16964	16079	-75.2	-58.1	-81.5		255	6.9	6.7	1.8	8.6
80	17850	18187	17340	-75.5	-55	-83.3		265	3.2	3.2	0.3	6.1
70	18635	18965	18096	-72.8	-51.6	-82.7		307	1	0.8	-0.6	4.2
60	19545	19894	18992	-67.4	-48	-79.1		337	0.8	0.3	-0.7	4
50	20655	21049	20074	-61.5	-42.5	-73.5		29	1	-0.5	-0.9	4.3
40	22051	22532	21429	-56.5	-37.7	-73.1		55	1.9	-1.6	-1.1	4.6
30	23879	24479	23211	-52.5	-37.3	-70.9		333	0.2	0.1	-0.2	5
25	25046	25730	24356	-50.1	-36.1	-69.9		58	0.9	-0.8	-0.5	5.4
20	26493	27295	25767	-48	-31.7	-68.9		82	1.5	-1.5	-0.2	5.8
15	28411	29347	27609	-44.9	-28.3	-67.5		111	1.9	-1.8	0.7	5.1
10	31037	31665	30249	-42.7	-32.7	-50.9		153	2.9	-1.3	2.6	6.8
7	33576	34112	33185	-40.7	-29.1	-45.7		219	8.9	5.6	6.9	11.3

FREEZING LEVEL

P	Height	H_max	H_min
597	4447	6090	3410

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
95	16887	-77.5

Raipur

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Station height

625

May

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	969.3	978	962	28.5	35.4	21.4	18.3	256	0.8	0.8	0.2	1.7
1000	19	79	-46									
950	473	569	400	30	38.8	19.6	18	261	3.1	3.1	0.5	6.3
925	711	776	638	30	40.2	19.3	15.9	267	3.7	3.7	0.2	7.4
900	955	1014	878	29.1	39.2	8.9	14.5	274	3.9	3.9	-0.3	8.2
850	1461	1515	1348	25.9	37	-9.8	11	289	3.7	3.5	-1.2	7.9
800	1991	2041	1899	21.8	33.3	5.5	8.2	298	3.2	2.8	-1.5	7.6
750	2544	2620	2440	17.3	31.9	4.3	5.1	309	2.6	2	-1.6	7.3
700	3129	3201	3025	12.4	32	1.8	2.1	322	2.3	1.4	-1.8	7.5
650	3742	3842	3620	7.1	21.2	-5.3	-1.4	328	2.2	1.2	-1.9	7.7
600	4396	4516	4258	2	9.6	-11.3	-5.8	321	2.7	1.7	-2.1	7.8
550	5092	5220	4937	-2.2	4.6	-18.6	-11.6	314	3	2.2	-2.1	7.8
500	5843	5972	5667	-5.8	0.4	-34	-17.6	307	3.1	2.5	-1.9	8
450	6663	6796	6456	-10.1	-2.3	-19.9	-23	293	3.6	3.3	-1.4	8.6
400	7561	7706	7317	-15.2	-3.3	-25.8	-28.2	278	4.4	4.4	-0.6	9.8
350	8556	8830	8273	-21.3	-11.5	-33.6	-33.8	259	6	5.9	1.1	11.5
300	9676	9890	9350	-29.2	-16.9	-39.1	-40.9	253	7	6.7	2.1	11.9
250	10952	11236	10581	-38.6	-24.7	-52.3	-50.6	243	8.2	7.3	3.7	12.1
200	12448	12815	12027	-49.9	-31.1	-57.7	-59.6	235	7.8	6.4	4.5	11.4
175	13308	13721	12867	-56.5	-41.1	-65.1	-63.6	226	7.1	5.1	4.9	11
150	14269	14741	13796	-63.8	-44.3	-79.8	-66.7	218	6.1	3.8	4.8	10.4
125	15373	15805	14987	-70.8	-52.7	-85.1		204	3.9	1.6	3.6	9.5
100	16680	17214	16273	-76.3	-58.6	-86.3		120	2.8	-2.4	1.4	8
80	17959	18580	17510	-75.4	-57	-87.5		90	5	-5	0	7.5
70	18741	19379	18259	-71.7	-45.5	-87.1		83	6.4	-6.3	-0.8	7.7
60	19502	19951	19148	-66.1	-40.9	-82.3		72	6.2	-5.9	-1.9	7.4
50	20773	21195	20239	-60.8	-37.2	-85.5		72	6.7	-6.4	-2.1	7.8
40	22173	22656	21575	-55.8	-43.1	-74.3		75	7.8	-7.5	-2	9.1
30	24024	24586	23279	-50.4	-34.5	-69.3		81	9.4	-9.3	-1.4	10.9
25	25209	25824	24385	-47.8	-31.8	-62.9		83	10.6	-10.5	-1.2	12
20	26666	27363	25771	-46	-35	-60.1		79	11.3	-11.1	-2.1	13.3
15	28556	29353	27568	-43.5	-34.3	-59.1		75	11	-10.6	-2.8	13.8
10	31256	32208	30109	-40.6	-29.9	-59.1		87	11.4	-11.4	-0.6	13.7
7	33668	34731	32342	-39.4	-30.3	-59.1		91	21.1	-21.1	0.3	22.1

FREEZING LEVEL

P	Height	H_max	H_min
576	4729	5940	3350

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
95	17031	-78.9

Raipur

42875

Station height

625

June

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	966.7	974	960	27.5	35.4	22	21.7	242	2.1	1.9	1	2.9
1000	2	35	-48									
950	448	507	370	27.8	38.8	21.4	21.3	243	4.2	3.8	1.9	6.3
925	685	750	616	27.1	38.6	20	19.6	251	5.5	5.2	1.8	8.2
900	928	988	854	26.1	37.4	18.4	18.1	257	6.2	6	1.4	9.6
850	1431	1983	1347	23.2	34.6	13.2	15.2	271	5.7	5.7	-0.1	9.8
800	1955	2023	1865	19.8	30.6	9.4	12.8	283	4.4	4.3	-1	8.5
750	2508	2593	2410	16	28	7	9.9	295	3.3	3	-1.4	7.2
700	3091	3193	2990	12.1	25.3	4	6.7	320	2.5	1.6	-1.9	6.4
650	3707	3828	3560	8.1	16.5	-2.3	3	342	2.3	0.7	-2.2	6.2
600	4364	4503	4235	4.1	10.7	-2.5	-0.7	342	2.2	0.7	-2.1	6
550	5068	5222	4914	0.1	6	-10.3	-4.9	350	1.7	0.3	-1.7	5.5
500	5826	5994	5644	-3.6	2.6	-14.1	-9.5	351	1.3	0.2	-1.3	5.2
450	6653	6832	6443	-7.7	-2.5	-18.5	-14.3	11	1	-0.2	-1	5
400	7561	7753	7310	-12.5	-6.3	-24.5	-21.1	54	0.9	-0.7	-0.5	5.1
350	8567	8767	8268	-18.7	-10.9	-32.1	-27.9	77	1.3	-1.3	-0.3	5.3
300	9698	9905	9340	-26.4	-14	-38.9	-35.1	88	2.3	-2.3	-0.1	5.7
250	10987	11202	10560	-36.4	-28.5	-50.3	-45	88	3.2	-3.2	-0.1	6.8
200	12494	12712	12226	-48.6	-31.3	-59.3	-56	84	5	-5	-0.5	8.8
175	13354	13579	13070	-56	-33.9	-68.7	-60.5	82	6.5	-6.4	-0.9	10.4
150	14314	14568	14000	-63.9	-48.7	-74.1	-74.3	82	8.8	-8.7	-1.3	12.9
125	15409	15704	15065	-71.7	-57.1	-81.9		81	10.9	-10.8	-1.7	15.2
100	16698	17040	16331	-77.7	-59.2	-87.5		83	13.2	-13.1	-1.5	16.6
80	17973	18331	17578	-74.5	-55.7	-86.5		76	13.4	-13	-3.2	15.9
70	18756	19101	18347	-70.4	-47.6	-84.5		76	13.3	-12.9	-3.3	15.2
60	19686	19999	19264	-64.4	-44.5	-77.3		72	13.1	-12.4	-4.1	15
50	20805	21110	20356	-60	-42.9	-72.3		72	13.4	-12.8	-4.1	15.9
40	22202	22532	21733	-55.7	-41.5	-66.6		71	14.8	-14	-4.7	17.8
30	24050	24397	23711	-51.2	-38.8	-61		72	14.7	-14	-4.6	19.5
25	25235	25607	24862	-48.4	-35.9	-59.5		71	17.9	-16.9	-5.8	22.4
20	26690	27107	26282	-45.8	-34.3	-54.5		79	19	-18.7	-3.5	24
15	28611	29059	28131	-43.1	-30.3	-53.1		85	20.2	-20.1	-1.9	23.9
10	31241	31872	30766	-40.7	-27.9	-49.9		78	20.4	-19.9	-4.4	22.1
7	33638	34432	33108	-41.1	-28.3	-48.7		89	35.8	-35.8	-0.7	36

FREEZING LEVEL

P	Height	H_max	H_min
548	5102	6280	3403

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
97	16920	-79.6

Raipur

42875

Station height

625

July

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	966.8	973	959	25.3	34	22.4	22.8	249	2.5	2.3	0.9	2.8
1000	0	37	-63									
950	446	530	330	25.1	34	21.2	23.3	241	4.7	4.1	2.3	5.7
925	680	739	580	24	30.3	18	21.8	247	6	5.5	2.3	7.7
900	922	980	840	22.9	33.7	16.2	20.8	254	6.3	6.1	1.7	9
850	1419	1492	1337	20.3	27.4	11.6	18	267	5.8	5.8	0.3	9.4
800	1940	2016	1856	17.5	25.8	8.9	15.4	272	4.6	4.6	-0.2	8.6
750	2488	2563	2370	14.5	22.8	3.1	12.4	275	3.4	3.4	-0.3	7
700	3070	3149	2971	11.5	20.5	1.8	9.2	277	2.3	2.3	-0.3	5.9
650	3685	3770	3550	8.4	17.5	1.9	5.2	293	1.5	1.4	-0.6	5.1
600	4345	4462	4234	5	13.8	-0.7	1.2	302	0.9	0.8	-0.5	4.7
550	5053	5190	4936	1.3	10.9	-4.1	-3	360	0.4	0	-0.4	4.3
500	5814	5943	5699	-2.6	7.6	-7.5	-7.7	53	0.5	-0.4	-0.3	4.5
450	6645	6790	6500	-7	3	-13.3	-13.7	58	0.9	-0.8	-0.5	4.7
400	7554	7692	7436	-12.2	-4.7	-19.1	-20	66	2	-1.8	-0.8	5
350	8560	8728	8429	-18.6	-11.7	-26.1	-26.9	65	3.3	-3	-1.4	5.9
300	9692	9875	9536	-26.5	-16.3	-33.9	-35	64	4.9	-4.4	-2.1	7.3
250	10981	11205	10811	-36.6	-29.1	-46.3	-45.1	61	7.4	-6.5	-3.6	10.2
200	12485	12765	12262	-49.3	-39.9	-59.9	-58.3	63	11.5	-10.3	-5.2	14.1
175	13347	13661	13093	-56.5	-46.3	-75.7	-62.7	64	13.9	-12.5	-6.1	16.5
150	14306	14665	14032	-64.6	-54.1	-76.6	-67.8	63	16.2	-14.4	-7.4	19.3
125	15393	15650	15096	-72.6	-61.1	-84.3		65	18.7	-17	-7.8	22.1
100	16682	16978	16445	-77.1	-59.2	-84.5		76	21.6	-20.9	-5.4	24.3
80	17967	18264	17732	-73.5	-47.5	-82.5		76	20.5	-19.9	-4.8	22.7
70	18757	19066	18505	-69.3	-39.4	-77.7		76	19.8	-19.2	-4.9	21.4
60	19684	20110	19421	-64.2	-38.6	-72.9		76	19.5	-18.9	-4.6	21.5
50	20806	21058	20521	-60.4	-48.1	-71.2		75	18.1	-17.5	-4.6	20.1
40	22210	22503	21909	-56.1	-42.6	-66.4		76	20.5	-19.9	-4.9	22.5
30	24046	24401	23710	-51.4	-38.1	-60.3		78	24	-23.5	-5.1	27.6
25	25224	25608	24860	-48.6	-32.1	-57.5		80	24.9	-24.5	-4.3	28
20	26674	27078	26280	-47.7	-31.9	-59.1		78	25.9	-25.3	-5.5	30
15	28548	28982	28151	-45.8	-29.5	-58.8		70	23.1	-21.7	-8	27.4
10	31302	31817	30638	-41.6	-28.3	-58.1		45	17.7	-12.6	-12.5	23
7	33825	33825	33825	-32.6	-32.6	-32.6		360	38	0	-38	38

FREEZING LEVEL

P	Height	H_max	H_min
534	5299	6410	4160

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
103	16563	-79.4

Raipur

42875

Station height

625

August

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	968.2	975	961	25	28	22.8	23	243	1.8	1.6	0.8	2.4
1000	17	62	-55									
950	460	509	390	24.8	32.2	20.2	23.2	246	3.7	3.4	1.5	5.5
925	694	742	624	23.8	31.4	19.4	22	253	4.2	4	1.2	6.8
900	935	997	859	22.7	30.4	16.4	20.6	263	4.1	4.1	0.5	7.8
850	1431	1493	1344	20	27.6	11.2	18.1	279	3.6	3.6	-0.6	8
800	1952	2028	1857	17.2	28.1	7.8	15.2	286	2.9	2.8	-0.8	7.1
750	2500	2590	2396	14.2	24.1	-8	12.2	285	2	1.9	-0.5	5.8
700	3081	3185	2965	11.4	20.1	-9.3	8.6	286	1.5	1.4	-0.4	5.1
650	3696	3813	3570	8.4	15.6	-12.4	4.5	288	0.6	0.6	-0.2	4.6
600	4355	4484	4216	5.1	12	-18.9	0.3	349	0.5	0.1	-0.5	4.3
550	5063	5207	4909	1.5	8.4	-7.5	-3.5	50	0.8	-0.6	-0.5	4.4
500	5825	5990	5658	-2.4	4.8	-11.7	-8	63	1.3	-1.2	-0.6	4.5
450	6656	6841	6475	-7	0.4	-17.1	-13.5	71	1.8	-1.7	-0.6	4.6
400	7564	7770	7352	-12.3	-6.7	-27.3	-19.5	72	2.2	-2.1	-0.7	5
350	8569	8799	8308	-18.7	-10.9	-39.7	-27	73	2.8	-2.7	-0.8	5.4
300	9703	9959	9363	-26.7	-18.1	-44.9	-35.6	71	3.9	-3.7	-1.3	6.2
250	10990	11285	10548	-37	-26.7	-56.1	-45.7	67	6	-5.5	-2.3	7.7
200	12492	12754	11924	-49.6	-38	-67.9	-58	70	8.3	-7.8	-2.9	9.9
175	13352	13640	12715	-56.9	-45.3	-73.5	-64.2	69	9.7	-9.1	-3.5	11.8
150	14310	14642	13939	-64.7	-42.7	-79.9	-69.6	65	11.4	-10.3	-4.8	13.7
125	15406	15791	14973	-72.3	-60.2	-83.5		71	13.1	-12.4	-4.2	15.1
100	16713	17143	16216	-75.4	-63.6	-85.1		74	14.9	-14.4	-4	16.7
80	18015	18446	17761	-70.2	-55.4	-82.9		75	13.9	-13.4	-3.6	16
70	18820	19208	18526	-66.9	-49	-78.3		77	13.4	-13	-3.1	14.8
60	19201	19972	19422	-63.6	-50	-76.9		77	13.3	-13	-2.9	14.3
50	20878	21251	20509	-60	-47	-70.1		77	13.1	-12.8	-3	14.1
40	22281	22680	21863	-56	-43.7	-69.9		79	14.5	-14.2	-2.7	15.6
30	24141	24537	23769	-51.7	-37.4	-69.3		83	16.1	-16	-2	16.8
25	25319	25720	25052	-49.8	-38	-64.3		84	17.6	-17.5	-1.7	18
20	26779	27203	26473	-48.5	-37.9	-59.1		81	18.4	-18.2	-3	19.5
15	28675	29189	28296	-46.2	-35.5	-58.1		82	21.8	-21.6	-2.9	23.3
10	31448	32039	31045	-44.5	-31.3	-56.3		88	29.9	-29.9	-1	30.3
7	34080	34573	33512	-39.6	-29.5	-45.7		82	18.4	-18.2	-2.6	18.3

FREEZING LEVEL

P	Height	H_max	H_min
532	5345	6797	3606

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
103	16582	-78.4

Raipur

42875

Station height

625

September

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	971.3	978	960	24.9	29.2	22.8	23.5	259	0.5	0.5	0.1	1.5
1000	31	91	-34									
950	485	548	384	25	32.4	20.6	22.5	273	1.7	1.7	-0.1	4.7
925	720	782	619	24.1	30.4	18.8	20.8	286	1.9	1.8	-0.5	5.3
900	962	1099	860	22.9	28.2	17.3	19.4	295	1.9	1.7	-0.8	5.8
850	1457	1520	1360	19.9	26.2	14.8	16.3	319	2	1.3	-1.5	5.8
800	1978	2041	1884	16.8	23.8	11.4	13	333	2	0.9	-1.8	5.9
750	2524	2620	2425	13.7	20.4	6.8	8.9	344	1.8	0.5	-1.7	5.6
700	3104	3171	2998	10.6	17	3.6	5.1	344	1.5	0.4	-1.4	5.2
650	3717	3800	3607	7.4	13.6	1.2	1.3	331	1	0.5	-0.9	4.9
600	4373	4459	4257	4	11	-2.1	-2.8	315	0.6	0.4	-0.4	4.5
550	5078	5200	4957	0.4	8.2	-5.1	-6.6	270	0.1	0.1	0	4.2
500	5836	5951	5718	-3.5	3.6	-10.1	-11.5	90	0.1	-0.1	0	4.2
450	6663	6810	6530	-8	-0.3	-14.9	-16.8	72	0.6	-0.6	-0.2	4.2
400	7568	7731	7449	-13.4	-5.7	-19.7	-23.2	73	1	-1	-0.3	4.3
350	8570	8750	8442	-19.9	-12.7	-26.3	-29.8	82	1.4	-1.4	-0.2	4.3
300	9698	9928	9549	-28	-20.1	-34.5	-37.9	86	1.6	-1.6	-0.1	4.7
250	10978	11259	10802	-38.3	-29.9	-45.9	-48.2	85	2.2	-2.2	-0.2	5.4
200	12471	12814	12263	-50.9	-39.4	-58.8	-62.4	80	3.5	-3.4	-0.6	6.8
175	13322	13623	13098	-58.1	-48	-67	-63.1	80	5.1	-5	-0.9	8.1
150	14277	14603	14034	-65.7	-56.1	-79.7		78	6.3	-6.2	-1.3	9.4
125	15376	15708	15117	-73.2	-64	-84		84	7.2	-7.2	-0.7	9.7
100	16666	17025	16385	-76.2	-60.6	-83.5		87	8.8	-8.8	-0.5	10.7
80	17965	18346	17680	-70.9	-54.4	-82.9		76	8.5	-8.3	-2	10.1
70	18763	19157	18478	-67.1	-52.2	-75.7		73	9.1	-8.7	-2.6	10.6
60	19688	19994	19415	-63.4	-50.8	-71.5		69	9.7	-9.1	-3.5	11.3
50	20816	21172	20517	-59.9	-47.4	-68.5		73	10.1	-9.7	-2.9	11.6
40	22219	22625	21896	-55.7	-44.5	-64.3		73	12.1	-11.5	-3.6	13.6
30	24058	24343	23709	-51.6	-39.4	-61.5		83	16.4	-16.3	-2.1	18.4
25	25235	25571	24867	-49.8	-35	-60.3		80	18.7	-18.4	-3.1	21.2
20	26668	27086	26308	-48.9	-35	-59.5		81	21.8	-21.5	-3.4	24
15	28553	29064	28182	-45.7	-34.1	-55.7		84	23.5	-23.4	-2.6	26
10	31154	31679	30869	-43.2	-37.1	-55.9		67	14.3	-13.2	-5.5	19.9
7	33236	33415	33056	-42	-37.9	-46.1						

FREEZING LEVEL

P	Height	H max	H min
574	5114	6580	3850

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
105	16449	-78.4

Raipur

42875

Station height

625

October

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	976	997	966	22.7	26.8	16.8	20.6	43	2.2	-1.5	-1.6	2.8
1000	79	136	8									
950	523	579	400	23.8	29.8	18.4	18.9	53	2.5	-2	-1.5	4.3
925	759	812	680	23.3	29.7	15.6	16.8	58	2.6	-2.2	-1.4	4.7
900	1000	1094	911	21.9	29.3	14.4	15	57	2.7	-2.3	-1.5	4.9
850	1494	1547	1406	18.6	27.4	12.4	11.5	55	2.9	-2.4	-1.7	5.3
800	2011	2071	1926	15.4	22.8	8.4	7.6	46	2.9	-2.1	-2	5.6
750	2553	2616	2450	12	19.8	5.2	3.2	37	2.1	-1.3	-1.7	5.5
700	3129	3207	3020	8.9	16.1	2.2	-0.3	27	1.3	-0.6	-1.2	5.5
650	3737	3834	3630	6	11.8	-0.9	-3.7	351	0.6	0.1	-0.6	5.5
600	4390	4498	4282	2.9	9	-5.6	-7	256	0.8	0.8	0.2	5.6
550	5090	5208	4997	-0.9	5.2	-9	-11.7	247	1.5	1.4	0.6	5.9
500	5844	5970	5758	-5.2	1.4	-12.4	-16.5	241	2.5	2.2	1.2	6.7
450	6662	6800	6574	-10.3	-4	-20.3	-21.9	241	3.3	2.9	1.6	7.5
400	7559	7703	7453	-15.9	-8.7	-25	-27.3	243	3.9	3.5	1.8	7.9
350	8550	8710	8421	-22.7	-17.1	-30.7	-34	241	5.6	4.9	2.7	8.6
300	9664	9845	9513	-30.8	-22.8	-38.1	-42.4	240	7	6.1	3.5	9.5
250	10932	11130	10756	-40.8	-33.9	-50.1	-53.3	239	8.7	7.4	4.5	10.8
200	12406	12611	12191	-53	-43.9	-63.3	-65.6	237	9.4	7.9	5.1	12
175	13253	13469	13022	-59.8	-51.3	-72.3	-66.4	233	8.6	6.9	5.2	11.8
150	14202	14437	13950	-66.8	-52.5	-77.5		232	6.6	5.2	4	10.3
125	15281	15551	15019	-73.4	-63.7	-89.3		224	3.3	2.3	2.4	7.8
100	16585	16875	16278	-75.8	-59.8	-85		155	1.7	-0.7	1.5	7
80	17882	18152	17589	-72.2	-57.9	-82.3		82	2.7	-2.7	-0.4	6.1
70	18675	18960	18405	-68.2	-55	-78.1		68	3.5	-3.3	-1.3	5.6
60	19605	19924	19353	-63.7	-52.3	-72.1		68	4.1	-3.8	-1.5	5.9
50	20745	21106	20468	-59.8	-47.7	-68.1		73	5.4	-5.2	-1.6	7
40	22145	22500	21831	-56.3	-43.3	-66.1		80	6.6	-6.5	-1.2	8.1
30	23991	24462	23610	-52.6	-38.3	-60.9		83	8.8	-8.7	-1	9.8
25	25146	25404	24751	-51.2	-40.8	-60.1		84	10.6	-10.5	-1.1	11.8
20	26600	26891	26161	-48.8	-39.1	-58.9		88	11.7	-11.7	-0.5	12.7
15	28444	28838	28001	-48.2	-34.7	-57.3		97	12.7	-12.6	1.6	14.7
10	31111	31466	30605	-43.5	-37.9	-54.3		107	5.9	-5.7	1.7	10.8
7	33354	33936	32920	-45.2	-35.7	-49.5		115	6.7	-6.1	2.8	15.8

FREEZING LEVEL

P	Height	H max	H min
564	4910	6190	3300

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
106	16332	-78.2

Raipur

42875

Station height

625

November

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	979.1	984	971	17.9	24	12.2	15	45	0.8	-0.6	-0.6	1
1000	108	145	55									
950	551	595	447	21.1	26.6	13.7	13.3	49	3.5	-2.6	-2.3	4.4
925	783	826	703	20.7	25.9	13.5	11.5	49	3.3	-2.5	-2.2	4.6
900	1020	1090	908	19.3	25.2	12.1	9.9	48	3.1	-2.3	-2.1	4.6
850	1508	1560	1434	15.9	23.1	8.2	6.7	34	2.7	-1.5	-2.2	4.8
800	2020	2078	1949	13	21.3	6	2.7	9	2.4	-0.4	-2.4	5.2
750	2560	2623	2490	10.6	20.4	1.2	-2.3	340	2.3	0.8	-2.2	5.4
700	3131	3202	3066	8.3	17.8	1	-5.3	310	2.3	1.8	-1.5	5.8
650	3739	3817	3669	5.5	15.6	-2.5	-8.4	287	3	2.9	-0.9	6.6
600	4388	4500	4301	1.9	14.4	-6.7	-13.2	277	3.9	3.9	-0.5	7.8
550	5085	5198	4985	-2	7.4	-11.1	-17.2	271	5.4	5.4	-0.1	8.9
500	5834	5982	5721	-6.7	2.3	-18.5	-21.8	265	6.6	6.6	0.6	10.2
450	6648	6812	6522	-12	-2.9	-25.5	-26	261	8.9	8.8	1.4	12.4
400	7537	7729	7357	-18.1	-8.9	-36.9	-32.3	259	11.3	11.1	2.2	14.7
350	8519	8736	8338	-24.9	-15.5	-33.3	-38.8	257	14.4	14	3.2	17.4
300	9623	9875	9419	-32.9	-24.2	-43.9	-46.4	254	16.8	16.2	4.6	19.8
250	10877	11169	10645	-42.6	-31	-56.3	-56.2	250	19.4	18.2	6.7	22.1
200	12345	12673	12073	-54.1	-42.2	-71	-67.4	243	20	17.9	9	22.3
175	13187	13544	12848	-60.8	-50.2	-78	-62.5	242	18.7	16.6	8.7	20.9
150	14131	14507	13821	-67.3	-56.5	-78.1		242	17.3	15.3	8	19.2
125	15217	15630	14892	-73.1	-61.5	-82.3		251	12.9	12.2	4.2	14.8
100	16506	16931	16199	-76.6	-66.1	-86.7		250	5.9	5.5	2	8.5
80	17789	18160	17470	-74.6	-59.7	-83.5		256	1.2	1.2	0.3	5.4
70	18573	18962	18224	-70.6	-59.6	-82.3		338	0.5	0.2	-0.5	4.9
60	19492	19900	19115	-65.8	-56	-74.1		27	0.7	-0.3	-0.6	4.3
50	20606	21030	20187	-61.2	-51.7	-71.3		56	0.7	-0.6	-0.4	4.5
40	22005	22452	21518	-57.1	-46.7	-67.1		64	2.5	-2.3	-1.1	5.4
30	23838	24340	23256	-53.4	-40.9	-65.3		74	2.9	-2.8	-0.8	6.4
25	25012	25560	24371	-51.3	-38.9	-61.7		78	4.4	-4.3	-0.9	6.2
20	26444	27034	25756	-49.3	-34.3	-60.7		78	3.9	-3.8	-0.8	6.7
15	28314	28989	27556	-47.3	-32.5	-58.5		102	4.8	-4.7	1	9.2
10	30915	31809	30128	-46.4	-31.9	-55.7		278	2.1	2.1	-0.3	6.8
7	33345	34323	32915	-42.6	-31.3	-51.9		269	14.9	14.9	0.2	15.2

FREEZING LEVEL

P	Height	H_max	H_min
577	4712	6258	3170

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
105	16311	-78.2

Raipur

42875

Station height

625

December

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	981.3	987	976	14.1	21.2	7.6	10.9	52	1.1	-0.9	-0.7	1.3
1000	122	158	49									
950	568	613	488	18.3	24.4	10.4	9.3	52	3.1	-2.4	-1.9	4.2
925	797	890	718	17.9	25.2	10.7	7.7	53	2.6	-2.1	-1.6	4.1
900	1032	1162	950	16.7	23.2	10.6	6.3	43	2.1	-1.4	-1.5	3.9
850	1516	1639	1438	13.9	20.1	8	2.5	3	1.9	-0.1	-1.9	4.3
800	2025	2130	1918	12.1	20.8	4.2	-2.5	335	2.6	1.1	-2.4	5.5
750	2561	2670	2477	10	19.4	1.6	-5.7	314	3.5	2.5	-2.4	6.6
700	3133	3221	3039	7.7	15.2	-1.9	-9.3	298	4.4	3.9	-2.1	7.5
650	3737	3830	3630	4.8	14	-4.3	-12.4	289	5.7	5.4	-1.9	8.9
600	4388	4520	4290	1.3	9.1	-7.1	-16.6	281	7	6.9	-1.4	10.3
550	5082	5210	4984	-2.9	5.8	-11.1	-20.5	278	9.1	9	-1.3	12.3
500	5829	5975	5714	-7.8	0.8	-16.3	-24.6	272	11.3	11.3	-0.4	14.5
450	6638	6804	6496	-13.3	-3.5	-22.5	-27.2	269	13.8	13.8	0.3	16.7
400	7524	7717	7353	-19.5	-8.5	-29.1	-32.7	266	16	16	1	18.8
350	8501	8890	8300	-26.6	-17.5	-36.3	-38.5	266	18.1	18.1	1.3	20.8
300	9596	9824	9359	-34.8	-24.7	-45.3	-45.7	262	20.4	20.2	2.9	22.8
250	10839	11087	10580	-44.5	-35.7	-56.3	-56.1	256	21.7	21.1	5.1	23.7
200	12293	12585	11992	-55.6	-45.3	-66.9	-68.8	252	17.9	17.1	5.4	19.4
175	13131	13405	12841	-61.3	-50.9	-71.9		250	16.9	15.9	5.7	18.1
150	14072	14353	13697	-67.1	-57.5	-77.7		249	14.7	13.7	5.2	15.5
125	15157	15486	14742	-72.1	-63.1	-83		254	12.9	12.4	3.6	13.6
100	16450	16831	16137	-76.7	-67.7	-83.5		262	6.7	6.6	0.9	8.2
80	17736	18036	17396	-75.8	-62.9	-84.7		269	4.1	4.1	0.1	6.9
70	18516	18822	18156	-72.9	-58.5	-83.5		283	2.3	2.2	-0.5	6.2
60	19424	19741	19046	-68.7	-53.6	-83.3		298	2.7	2.4	-1.3	5.5
50	20528	20852	20225	-63.6	-50.6	-78.1		306	1.4	1.1	-0.8	5.2
40	21914	22231	21582	-58.9	-42.9	-70.7		317	1.8	1.2	-1.3	5.5
30	23713	24085	23363	-55	-44.5	-67.7		301	2.3	2	-1.2	5.9
25	24879	25287	24500	-52.7	-42.5	-65.1		307	1.5	1.2	-0.9	6.1
20	26326	26781	25894	-50.1	-40.1	-60.1		348	1.4	0.3	-1.4	6
15	28217	28728	27697	-47.1	-34.7	-59.1		17	1	-0.3	-1	7
10	30754	31170	30301	-45.2	-38.5	-57.9		285	4.2	4.1	-1.1	7.8
7	33145	33487	32701	-42.8	-37.7	-47.7		287	8.9	8.5	-2.6	12.6

FREEZING LEVEL

P	Height	H_max	H_min
587	4582	6150	2720

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
99	16562	-78.1