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पृथ्वी विज्ञान मंत्रालय/ MINISTRY OF EARTH SCIENCES

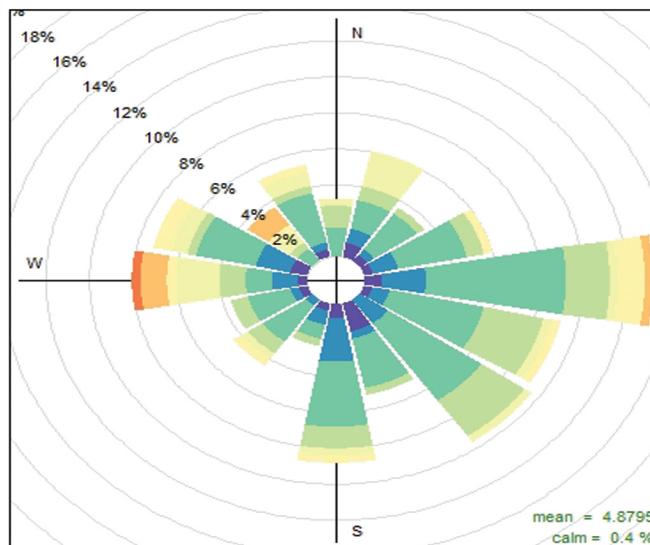
भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

रेडियो सौन्डे और रेडियो विंड के मासिक सामान्य मूल्य (१९८१ - २०१०)

तथा मासिक उपरिवायू के पवन दिग्दर्शक आरेख (२००० - २०१५)

## MONTHLY NORMALS OF RADIOSONDE AND RADIOWIND (1981-2010) AND

MONTHLY UPPER AIR WINDROSE DIAGRAMS (2000-2015)



नागपूर  
NAGPUR

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 **Nagpur** (Latitude 21°06'N, Longitude 79°03'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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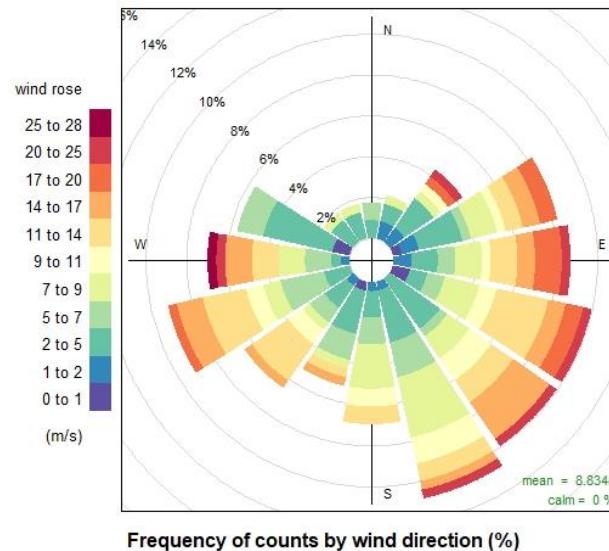
## **Description of various terms used in the table (Normals of Radiosonde data)**

<b>SN.</b>	<b>Terms</b>	<b>Description</b>
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.

## Nagpur

January

1000 hPa level

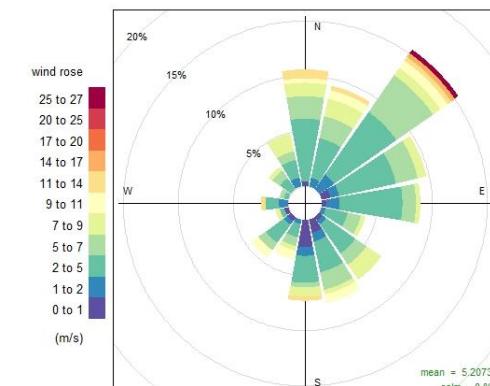
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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		0.4	0	5.7	2	1.2	0.4	0.8	0	0	0	0
12-33		0	0.8	3.7	2	1.6	0.8	0.4	0	0	0	0
34-56		0	1.6	6.9	4.1	0.8	0.8	0.4	0.4	0	0	0.4
57-78		0.8	0.8	5.3	2	0.8	0	0	0	0	0	0
79-101		0.4	1.2	5.7	1.2	0.4	0	0	0	0	0	0
102-123		0	0.4	2	1.2	0.4	0	0	0	0	0	0
124-146		0.4	0.4	3.3	1.2	1.6	0	0	0	0	0	0
147-168		1.2	0.8	2.8	1.6	0.4	0.8	0	0	0	0	0
168-191		2.4	0.8	2.4	0.4	0.8	0	0.4	0	0	0	0
192-213		0	0.4	1.2	0.8	0.4	0.8	0	0	0	0	0
214-236		0.4	0.4	2	0.8	0	0.8	0	0	0	0	0
237-258		0.4	0	0.4	0	0.4	0	0	0	0	0	0
259-281		0	0.8	1.2	0	0	0	0.4	0	0	0	0
282-303		0	0	0.4	0.4	0	0	0	0	0	0	0
304-326		0	0	1.2	0.8	0.4	0	0	0	0	0	0
327-348		0	0.8	1.6	0.8	1.6	0	0	0	0	0	0

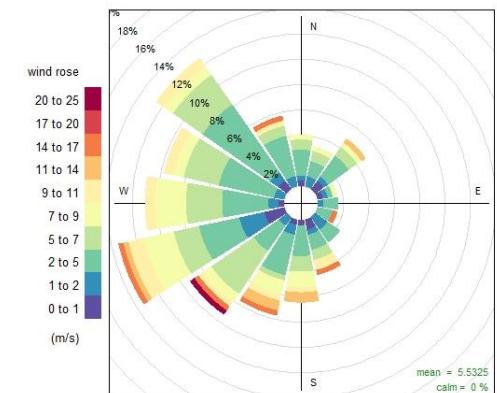


## Nagpur

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	0.4	0.4	2	0.8	0.4	0	0	0	0	0	0
12-33		0	0.8	1.2	0.8	0.4	0	0	0	0	0	0
34-56		0.8	0.4	2	0.8	0.4	0	0.4	0	0	0	0
57-78		0.4	0.4	0.4	0	0.4	0	0	0	0	0	0
79-101		0	0.4	1.2	0	0	0	0	0	0	0	0
102-123		0	0	1.2	0	0	0	0	0.4	0	0	0
124-146		0	1.2	1.2	0	0	0	0	0	0	0	0
147-168		0.8	0.4	1.2	0.4	0	0.8	0	0.4	0	0	0
168-191		0.4	0	2.4	1.6	1.2	0.4	0.8	0	0	0	0
192-213		0.4	0.8	3.3	0.4	1.2	0.4	0.8	0.4	0	0	0
214-236		0	0.8	2.4	4.1	0.8	0.4	0	0.4	0	0.4	0
237-258		1.6	2	3.3	2	2.4	1.2	0.4	0.4	0	0	0
259-281		0.4	0.8	3.7	2.8	2.4	0.8	0	0	0	0	0
282-303		0	0.8	4.5	2.8	0.8	0.8	0	0	0	0	0
304-326		0.8	0.8	6.5	2.8	0.8	0.8	0	0	0	0	0
327-348		0	0.8	3.3	0.8	0	0.4	0	0.4	0	0	0

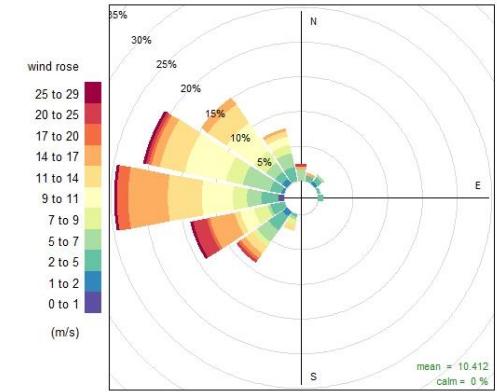


## Nagpur

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	0	0	1.6	0	0	0	0.4	0	0.4	0
12-33		0	0	0.8	0	0	0	0	0.4	0	0	0
34-56		0	0.4	0.8	0.4	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	0.8	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	0.4	0.4	0.8	0	0.8	0	0	0	0
214-236		0	0.8	2.4	2	0.8	0	1.2	0.8	0.4	0.4	0
237-258		0	0	2	0.4	2	2	0.8	3.7	0.4	2	0.4
259-281		0.8	0	2.4	2	2	4.5	4.9	5.7	1.6	0	0.4
282-303		0	0.4	1.6	4.1	2.4	6.1	3.7	1.2	0.4	0.4	0.4
304-326		0	0.8	1.2	1.6	2	4.9	3.3	1.2	0	0	0
327-348		0	0	2	2	1.2	1.2	0.8	0.4	0	0	0

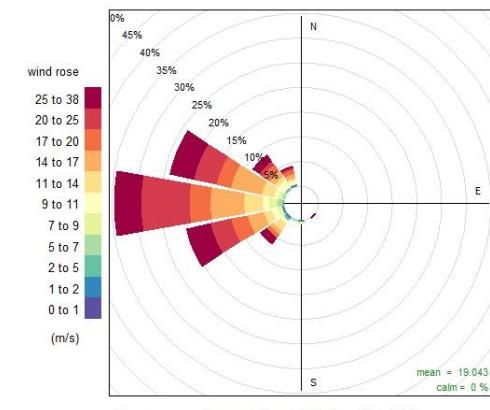


## Nagpur

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	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	0.4	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0.4	0	0	0.4	0	0	0	0	0	0	0
192-213	0	0	0	0.4	0	0	0	0	0	0	0	0
214-236	0	0.4	0.4	0	0	0.9	1.7	0.9	0.9	0	1.7	0
237-258	0	0.4	0	0	0.9	1.3	1.7	3.4	3.4	4.3	5.1	0
259-281	0	0	0.4	0.9	1.7	1.3	3.8	6.8	4.3	9.8	5.5	0
282-303	0	0	0	0.4	0.9	0.9	2.6	6.4	3	4.7	5.1	0
304-326	0	0	0.4	0	0	1.7	0.9	1.3	1.7	0.9	1.7	0
327-348	0	0.4	0	0	0	0.9	0.4	0.9	0.9	0.4	0.4	0.4

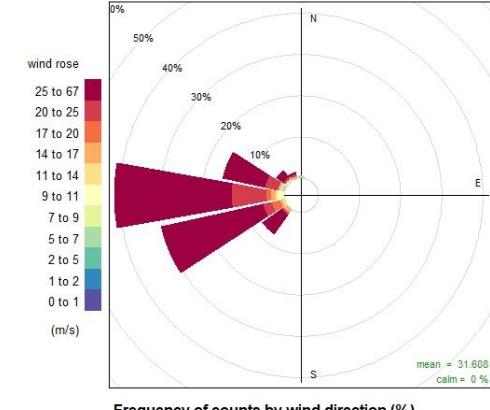


## Nagpur

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	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	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	1.1	0	0.5	5.8	0
214-236	0	0	0	0	0	0.5	0.5	0.5	2.1	2.1	25.4	0
237-258	0	0	0	0	0	1.6	0.5	1.1	1.1	8.5	28.6	0
259-281	0	0	0	0.5	0	0	0.5	0.5	0	3.2	10.6	0
282-303	0	0	0	0.5	0	0	0	0	0	0.5	2.1	0
304-326	0	0	0	0	0	0	0	0	0.5	0.5	0.5	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0

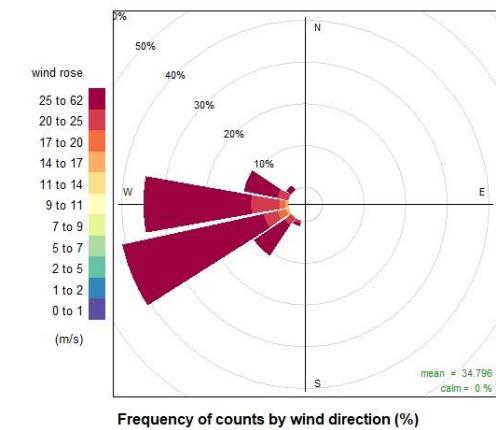


## Nagpur

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	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	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	0.7	0.7	0
214-236	0	0	0	0	0	0	0	0	0	2	8.8	0
237-258	0	0	0	0	0	0	0	0.7	2	3.4	34.7	0
259-281	0	0	0	0	0	0	0	0.7	1.4	6.8	25.9	0
282-303	0	0	0	0	0	0	0	0	0	2.7	8.2	0
304-326	0	0	0	0	0	0	0	0	0	0	0	1.4
327-348	0	0	0	0	0	0	0	0	0	0	0	0

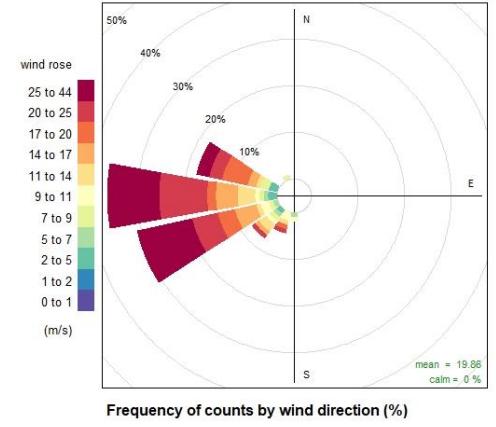


## Nagpur

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	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	0	0	0
168-191	0	0	0.9	0	0.9	0	0	0	0	0	0	0
192-213	0	0	0	0	1.9	0.9	0.9	0	0.9	0.9	0	0
214-236	0	0	0.9	0.9	0.9	0.9	1.9	0.9	0.9	0	0.9	0
237-258	0	0	0.9	0.9	0.9	1.9	0.9	0.9	4.7	3.7	5.6	12.1
259-281	0	0	1.9	0.9	0.9	0.9	3.7	4.7	1.9	10.3	11.2	0
282-303	0	0	1.9	0	1.9	0	0.9	1.9	5.6	2.8	2.8	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0.9	0	0	0	0	0	0	0



## Nagpur

February

1000 hPa level

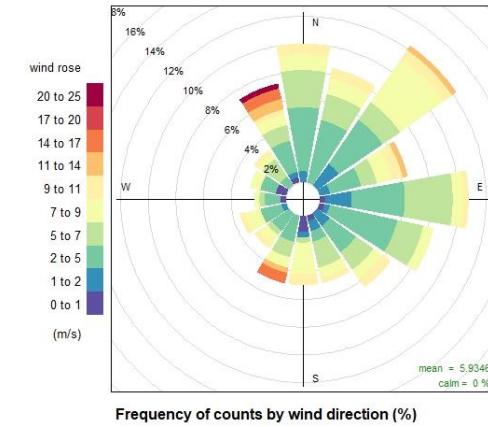
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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	0.8	4.6	2.7	1.2	0.8	0	0	0	0	0	0
12-33	0	0	4.6	1.9	1.2	0.8	0	0	0	0	0	0
34-56	0	1.9	3.8	1.5	3.8	0.8	0.4	0	0	0	0	0
57-78	0	0.8	2.3	1.2	1.2	0.8	0.4	0	0	0	0	0
79-101	0.4	1.9	3.8	3.5	0.8	0.4	0	0	0	0	0	0
102-123	0.4	0.4	5	1.9	0.8	0	0	0	0	0	0	0
124-146	0	1.2	2.3	1.5	0.8	0.8	0	0	0	0	0	0
147-168	0.4	0.8	0.8	1.9	0.8	0.4	0	0	0	0	0	0
168-191	1.2	0.4	0	0.4	2.3	0.8	0	0	0	0	0	0
192-213	0	0	1.9	1.2	0.8	0	0.4	0.8	0	0	0	0
214-236	0	0	1.5	0.4	0.8	0.4	0	0	0	0	0	0
237-258	0	0.4	1.5	0	1.2	0.4	0	0	0	0	0	0
259-281	0.4	0	1.2	0.4	0.4	0	0	0	0	0	0	0
282-303	0.8	0	1.2	0	0.8	0	0	0	0	0	0	0
304-326	0	0	0.8	1.5	0.4	0.4	0	0	0	0	0	0
327-348	0.4	0.4	2.3	1.2	0.8	0.4	0.8	0.8	0	0.4	0	0

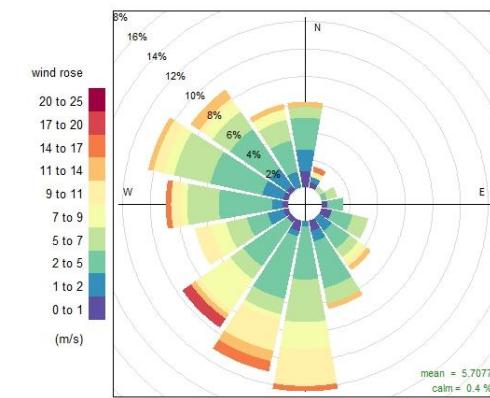


## Nagpur

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	1.2	1.5	2.3	0.8	0	0	0.4	0	0	0	0
12-33		0.4	0.4	0	0	0	0.4	0	0.4	0	0	0
34-56		0	0	0	0.4	0	0	0	0	0	0	0
57-78		0	0	0.4	0.8	0	0	0	0	0	0	0
79-101		0.4	0	1.2	0	0	0	0	0	0	0	0
102-123		0.8	0	1.5	1.2	0	0	0	0	0	0	0
124-146		0	1.2	1.5	0.8	0.4	0.4	0.4	0	0	0	0
147-168		0.8	0.8	3.5	1.2	0	0	0.4	0	0	0	0
168-191		0	0.4	3.8	3.1	1.9	2.7	0	0.4	0	0	0
192-213		0.8	0.4	4.6	1.2	0.4	2.3	0.8	0.8	0	0	0
214-236		0.4	0	3.8	1.2	2.7	0.4	0.4	0	0.8	0	0
237-258		0.4	1.2	1.5	1.5	1.2	1.2	0	0	0	0	0
259-281		0.4	0.8	3.8	2.3	0.4	0.8	0	0.4	0	0	0
282-303		0.4	1.5	3.8	2.7	0.8	0.8	0.4	0	0	0	0
304-326		0.4	1.5	3.5	1.5	0.8	0.4	0.8	0	0	0	0
327-348		0	1.2	2.3	1.5	0.8	0	0.4	0	0	0	0

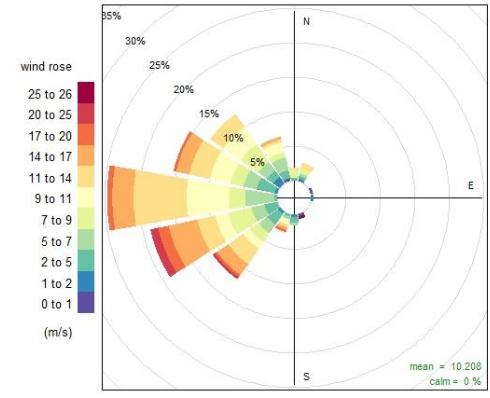


## Nagpur

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	0	0	0.4	0	1.2	0	0.4	0	0	0	0
12-33		0	0.4	0.4	0.4	0.8	0	0.8	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0.4	0	0	0	0	0	0	0	0	0	0
79-101		0	0.4	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		0.4	0	0	0	0	0	0	0	0	0	0.4
168-191		0	0.4	0.8	0.4	0	0	0	0	0	0	0
192-213		0	0	0.4	0.4	0	0.8	0.4	0.4	0	0	0
214-236		0	0.4	1.9	1.5	1.5	1.2	2.7	1.9	0.4	0.4	0
237-258		0	0	1.9	1.9	3.5	1.9	2.7	4.2	1.5	1.2	0
259-281		0	0	0.4	4.2	2.3	6.2	7.7	3.1	0.8	0	0
282-303		0	0.4	2.7	1.9	1.9	3.1	3.1	1.9	0.4	0	0
304-326		0	1.2	1.2	1.5	3.1	3.1	2.3	0	0	0	0
327-348		0.4	0	1.2	1.9	0.8	1.5	0.4	0.4	0	0	0

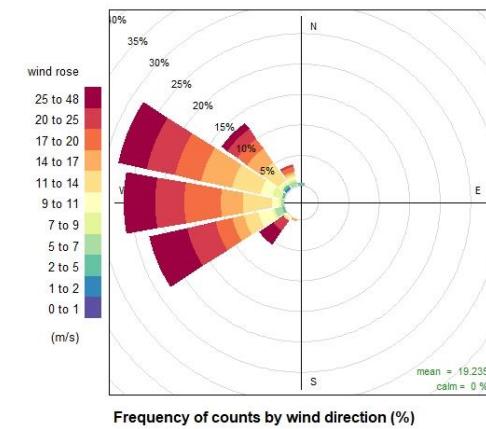


## Nagpur

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	0.4	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	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	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	0.4	0	0	0	0	0
214-236	0	0	0	0	0	0.4	0.4	0	0	2	2.8	
237-258	0	0	0.4	1.2	0.4	2.4	2.4	2	2.8	4.8	6.4	
259-281	0	0	0.4	0.4	1.2	4.8	3.6	6	4.8	5.2		
282-303	0	0	0.4	0	1.6	2	4.8	5.2	4.4	4.8	4.8	
304-326	0	0.4	0.4	0	0.4	0.4	3.6	2.8	2	2	1.2	
327-348	0	0	0	0.8	0.4	0.4	0.4	0.4	0.8	0.4	0	

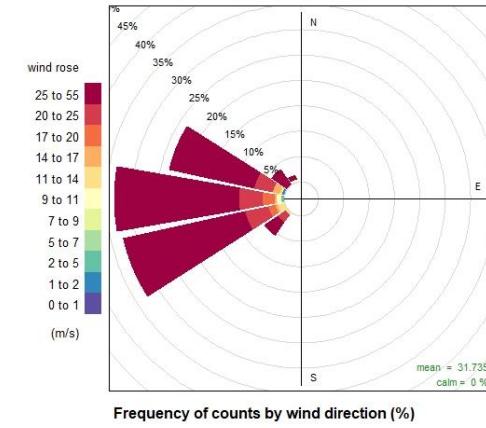


## Nagpur

February

300 hPa level

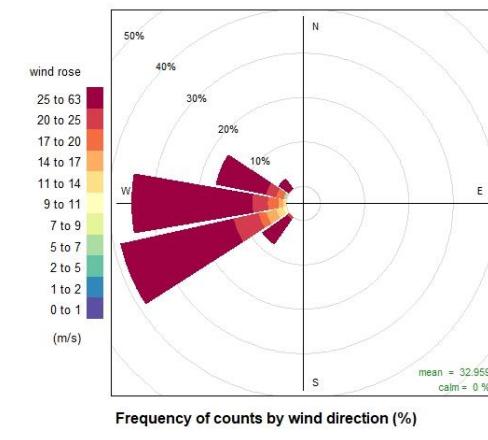
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	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	0.5	0	0	1.9	3.3	
237-258	0	0	0	0	0	0	1.4	0.5	1.4	4.7	24.7	
259-281	0	0	0.5	0	0	0.9	0	0.5	2.3	4.7	24.7	
282-303	0	0.5	0	0	0	0	0.5	1.4	0	3.7	17.2	
304-326	0	0	0	0	0	0	0	0	0	0	3.7	
327-348	0	0	0	0	0	0.5	0	0	0	0	0.9	



## Nagpur

# February

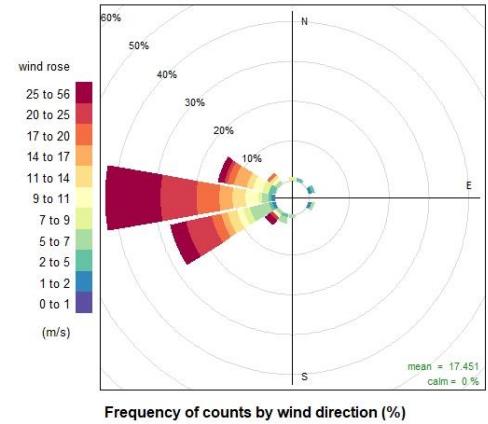
200 hPa level



# Nagpur

# February

100 hPa level



Nagpur

March

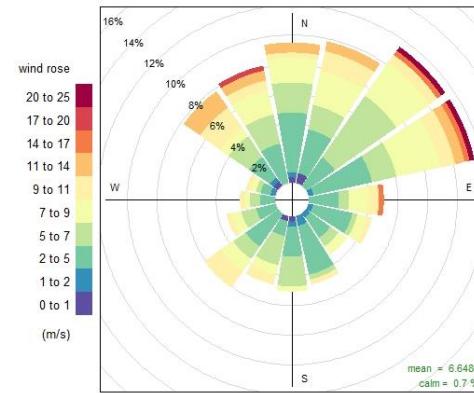
1000 hPa level

## Nagpur

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	1	0.3	0.3	4.1	2	1.7	0.3	0.7	0	0	0	0
12-33		0.7	0	3	1.7	2.4	1.4	0.7	0	0	0	0
34-56		0	0	2.4	5.1	2.7	0.7	0	0.3	0	0.3	0
57-78		0	0.3	4.1	1.7	3	1	0.7	0.3	0	0.3	0
79-101		0	0	2	0.7	1.4	0.7	0	0.3	0	0	0
102-123		0	0.3	2.7	0.3	0.7	0.3	0	0	0	0	0
124-146		0	0.3	1.7	0.7	0.7	0	0	0	0	0	0
147-168		0	0.7	3.4	0.3	0	0.3	0	0	0	0	0
168-191		0.3	0.3	2	2	0.3	0	0	0	0	0	0
192-213		0.3	0	1	2	0.7	0.7	0	0	0	0	0
214-236		0	0	2.7	1	1	1.4	0	0	0	0	0
237-258		0	0	1.4	1	0.7	0.3	0	0	0	0	0
259-281		0	0	1	0.7	0.3	0.3	0	0	0	0	0
282-303		0	0.3	0.7	0.3	0.3	0.3	0	0	0	0	0
304-326		0.3	0.3	1.7	1.7	0.7	1.7	1.4	0	0	0	0
327-348		0	0	2.7	2	1.7	0.7	0.7	0	0.3	0	0

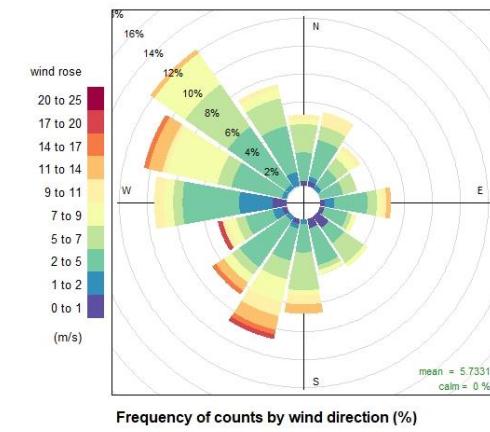


### Frequency of counts by wind direction (%)

## Nagpur

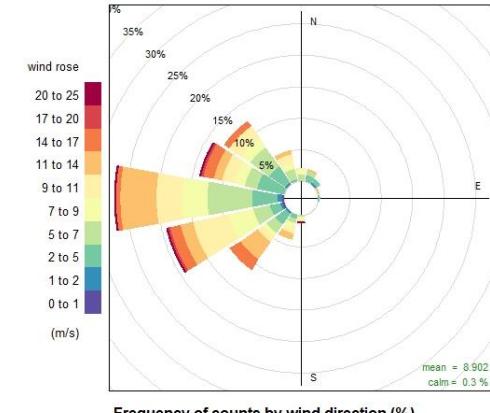
March      850 hPa level

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	0.3	0	2	2	0.3	0.3	0	0	0	0	0
12-33		0.3	0.3	2.7	1	0	1	0	0	0	0	0
34-56		0	0.3	1.4	1	0.7	0.3	0	0	0	0	0
57-78		0	0	1.7	1	0	0	0	0	0	0	0
79-101		0.3	0.7	2.4	0.7	0.3	0.3	0.3	0	0	0	0
102-123		0.3	0	1.7	0.3	0.3	0	0	0	0	0	0
124-146		1	0	1.4	1.7	0.3	0	0	0	0	0	0
147-168		0.7	0	2.7	0.3	0.3	0	0	0	0	0	0
168-191		0	0.3	2	2.7	0.3	0.7	0.7	0	0	0	0
192-213		0.3	0.3	2.4	1.4	1.7	1	1	0.3	0.3	0	0
214-236		0	0.3	4.1	0.7	0.7	0	0.7	0.3	0	0	0
237-258		0.3	0.7	2	0.7	0.7	0.3	0	0	0.3	0	0
259-281		1	2.4	4.1	0.7	0.7	0.7	0	0	0	0	0
282-303		0	0.3	3.7	1	3.7	0.3	1	0.3	0	0	0
304-326		0	0.3	5.1	3.7	2.7	0	0.3	0	0	0	0
327-348		0	1	3.4	2	0.7	0.3	0	0	0	0	0



Nagpur      March      700 hPa level

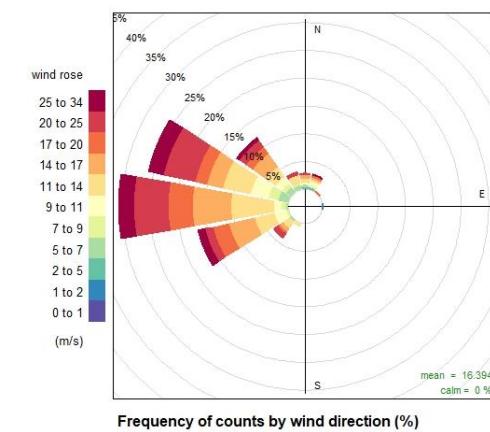
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	1	0.7	0.3	0	0	0	0	0
12-33		0	0	1	0.7	0	0	0.3	0	0	0	0
34-56		0	0.3	0.7	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0.3	0	0	0	0
79-101		0	0	0.3	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0.3	0.3	0.3	0	0	0	0	0.3	0
192-213		0	0	0.7	0.7	1	0.7	1	0	0	0	0
214-236		0	0.3	2	1.7	0.7	1	3.4	2	0	0	0
237-258		0.3	0.3	1.7	2.7	4.1	5.7	2	1.7	0.3	0.3	0
259-281		0.3	0.7	4.1	7.1	4.1	4.1	5.7	0.7	0	0.3	0
282-303		0	0	4.4	2	1.7	2	1.4	1.7	0.3	0.3	0
304-326		0	0.3	3	3.7	1.7	2.4	0	1	0	0	0
327-348		0	0	0.3	1.7	1	1.4	0.7	0	0	0	0



## Nagpur

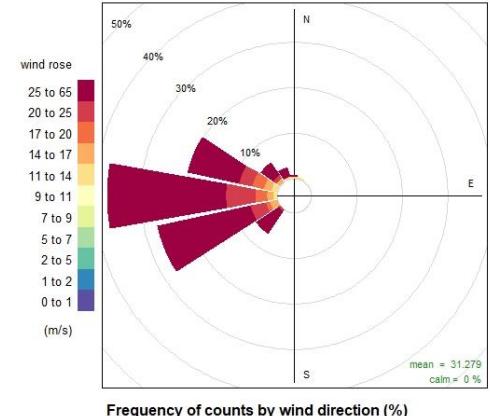
March      500 hPa level

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	0.4	0.4	0	0.4	0.7	0.7	0	0.4	0
12-33		0	0	0.4	0	0.4	0.7	0.4	0.4	0.4	0	0.4
34-56		0	0	0	0	0	0	0	0.4	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0.4	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	0.4	0	0.4	0	0	0	0	0
214-236		0	0	0.4	0	0	1.5	0.7	0.4	1.1	0	0
237-258		0	0	0	0.4	2.2	3.6	4.7	2.9	1.5	1.5	1.5
259-281		0	0	0.4	0.7	1.5	7.7	6.9	4.4	6.2	2.9	2.9
282-303		0	0	0	1.8	1.8	3.3	5.1	2.9	2.2	5.8	2.9
304-326		0	0	0	1.1	0.7	1.5	2.2	2.9	1.5	1.5	0.7
327-348		0	0	0	0.7	0.4	0	1.5	0	0	0.7	0



Nagpur      March      300 hPa level

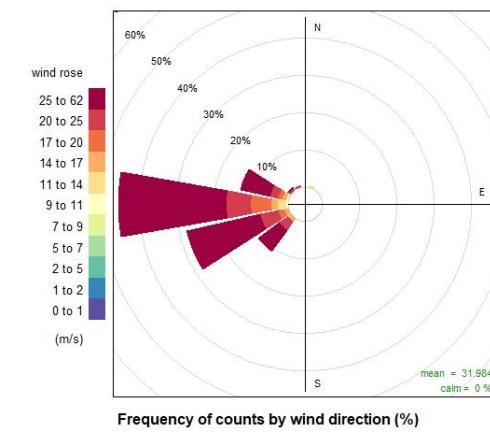
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0.4	0	0	0	0.4
12-33		0	0	0	0	0	0	0.4	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	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	0	0	0	0	0	0.4	6
237-258		0	0	0	0	0	0	0	1.7	0.9	3.4	21
259-281		0	0	0	0.4	0	0.4	1.3	1.3	2.6	6.4	26.2
282-303		0	0	0	0	0	1.3	1.7	1.7	2.6	3	11.6
304-326		0	0	0	0	0	0	0.9	0.9	0.9	0.9	3.4
327-348		0	0	0	0	0	0.4	0.4	0	0	0	2.1



## Nagpur

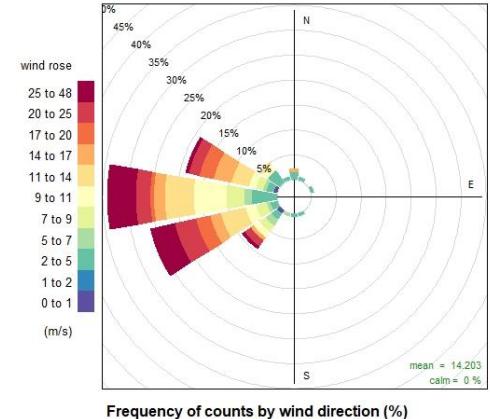
March      200 hPa level

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	0
12-33	0	0	0	0	0	0	0.5	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	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	1.1	0	2.7	7.1	
237-258	0	0	0	0	0	0	0	1.1	1.6	4.9	20.3	
259-281	0	0	0	0	0.5	2.2	1.6	5.5	6.6	29.1		
282-303	0	0	0	0.5	0	0	1.1	1.1	2.2	8.2		
304-326	0	0	0	0	0	0	0	0	0	0.5	0.5	
327-348	0	0	0	0	0	0	0	0	0	0.5	0	



Nagpur      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	1.4	0	0	0	0	0.7	0	0	0	0
12-33	0	0	0.7	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	0.7	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	0.7	0	0	0	0	0	0	0	0	0
168-191	0	0	0.7	0	0	0	0	0	0	0	0	0
192-213	0	0	0.7	0	0	0	0	0	0	0	0	0
214-236	0.7	0	1.4	1.4	1.4	1.4	0	0.7	0	1.4	0.7	
237-258	0	0	1.4	0.7	2.2	2.2	5.1	2.2	2.9	4.3	5.1	
259-281	0	0	5.1	1.4	3.6	6.5	5.8	2.2	0.7	2.9	5.8	
282-303	0.7	0	1.4	0.7	1.4	1.4	3.6	3.6	2.9	2.2	0.7	
304-326	0	0	2.9	0	0	1.4	0.7	0	0	0	0	
327-348	0	0	0.7	0	0	0	0	0	0	0	0	



## Nagpur

April

1000 hPa level

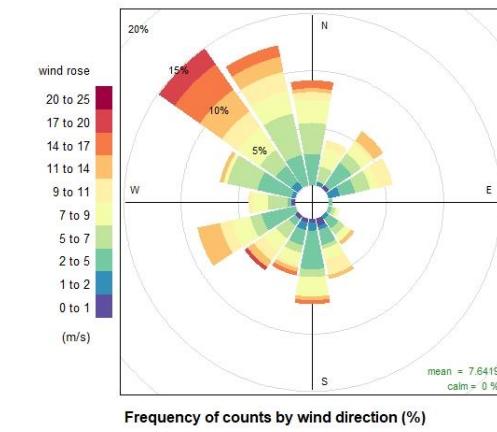
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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	2.7	2.7	2	0.7	0.3	0.7	0	0	0	0
12-33	0	0.3	0	1.4	1.7	0.7	0	0	0	0	0	0
34-56	0.3	0	2.4	1	1	0.3	1	0	0	0	0	0
57-78	0	1	1.4	1.4	0.7	1.4	0	0	0	0	0	0
79-101	0	0	0.3	0	0	0	0	0	0	0	0	0
102-123	0	0	0.3	0.3	0.3	0	0	0	0	0	0	0
124-146	0	0.3	1	0.7	0.7	0	0.3	0	0	0	0	0
147-168	0.7	0.3	1.4	0.3	1	1.4	0.3	0	0	0	0	0
168-191	0.3	0.7	3.4	0.7	1.7	0	0.3	0.3	0	0	0	0
192-213	0.3	0.7	1.4	0.7	1	0.3	0.3	0.3	0	0	0	0
214-236	0.3	0	0.7	1.4	1.4	1	0.7	0	0.3	0	0	0
237-258	0	0	3	1	1.7	1	2	0	0	0	0	0
259-281	0.3	0	0.3	1.7	1.4	0.3	0	0	0	0	0	0
282-303	0	0.3	3	2.7	0.3	0	0.3	0	0	0	0	0
304-326	0	0.7	1.7	1.7	2.4	1.7	2.4	2.7	1.7	0	0	0
327-348	0	0	2.7	3.7	2	1.7	1.4	1	0	0	0	0

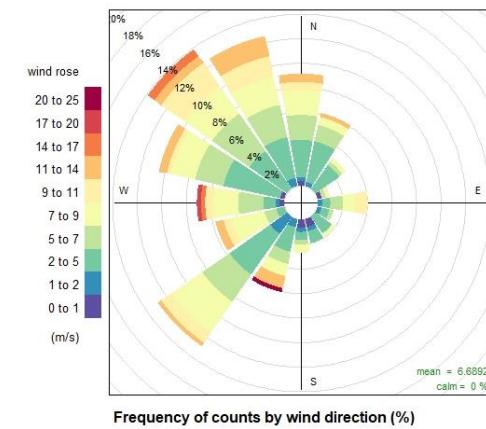


## Nagpur

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	0.3	0.3	3	2	2	0.7	0.7	0	0	0	0
12-33		0	0.3	3.4	1.4	0.7	0	0.3	0	0	0	0
34-56		0	0	2.4	0.3	0.3	0	0	0	0	0	0
57-78		0.3	0	0	0.3	0	0.3	0	0	0	0	0
79-101		0	0.3	0.7	1	1	1	0	0	0	0	0
102-123		0	0.3	0.7	0.3	0	0	0	0	0	0	0
124-146		0	0	1.7	0	0.3	0	0	0	0	0	0
147-168		0.7	0.3	1	0	0	0	0	0	0	0	0
168-191		0.7	0.3	0.7	0.3	0.7	0	0	0	0	0	0
192-213		0	0.7	2	1	1	0	1	0	0	0.3	0
214-236		0	1.7	4.1	2.7	3	1	0.3	0	0	0	0
237-258		0	0	0.7	1	2.7	0.7	0.7	0	0	0	0
259-281		0.3	0.3	1	2	2	0.7	0	0.3	0.3	0	0
282-303		0.3	0	4.7	2.4	2	0.3	0.7	0	0	0	0
304-326		0	0	3.7	3.7	2.7	2.4	0.7	0.7	0	0	0
327-348		0	0.7	3.4	2.7	2.4	1.7	1.7	0	0	0	0

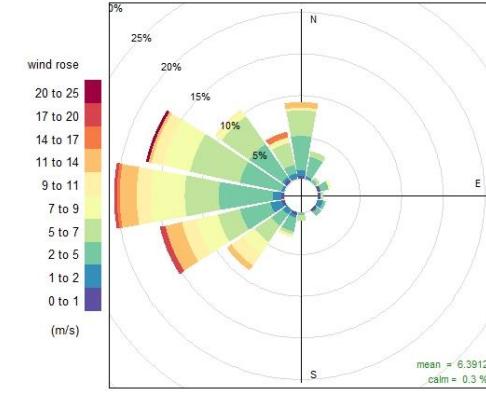


## Nagpur

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	0.3	0.7	4.1	3.1	0	0.3	0.7	0	0	0	0
12-33		0	0.3	2.4	0.7	0	0	0	0	0	0	0
34-56		0	0	0.3	0.3	0	0	0	0	0	0	0
57-78		0.3	0	1	0	0.3	0	0	0	0	0	0
79-101		0.3	0	0	0.3	0	0	0	0	0	0	0
102-123		0	0.7	0.3	0	0	0	0	0	0	0	0
124-146		0.3	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	0.3	0.7	0	0	0	0	0	0	0
192-213		0.3	0.3	1.7	0.3	0	0.3	0	0	0	0	0
214-236		0	0.7	1.7	2.4	1.7	1.7	0.7	0	0	0	0
237-258		0.3	1.4	3.7	2.7	2.7	1.7	2	0	0.7	0	0
259-281		0.3	1	6.5	4.1	4.1	1.7	2	0.3	0.3	0	0
282-303		0	0.3	5.1	6.1	3.4	1.4	0.3	0	0	0.3	0
304-326		0.3	0.3	4.8	4.1	0.7	0.3	0	0	0	0	0
327-348		0	0.7	1	2.7	0.3	0.3	0	0.7	0	0	0

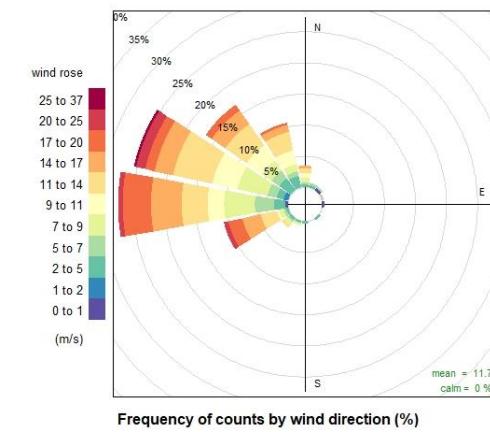


## Nagpur

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	0.4	0.4	0.8	0.8	0.8	0.4	0	0	0	0
12-33	0	0	0.4	0.4	0	0	0	0	0	0	0	0
34-56	0.4	0	0	0.4	0	0	0	0	0	0	0	0
57-78	0	0	0	0.4	0	0	0	0	0	0	0	0
79-101	0.4	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	0.4	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0.4	0	0	0	0	0	0	0	0	0
192-213	0	0	0.4	0	0.4	0	0	0	0	0	0	0
214-236	0	0	0.4	0.4	0.8	0	0.4	0	0	0	0	0
237-258	0	0	0.4	0.4	0.8	0.4	2.7	3	2.3	0.8	0	0
259-281	0.4	0	1.9	3	4.9	2.7	4.2	4.9	4.6	0.8	0	0
282-303	0	0.8	1.1	1.5	4.9	4.2	6.5	3	1.5	1.5	0.4	0.4
304-326	0	0	2.3	1.5	1.9	3	4.2	2.7	1.1	0	0	0
327-348	0	0	1.9	0.8	1.1	2.3	3	1.1	0.4	0	0	0

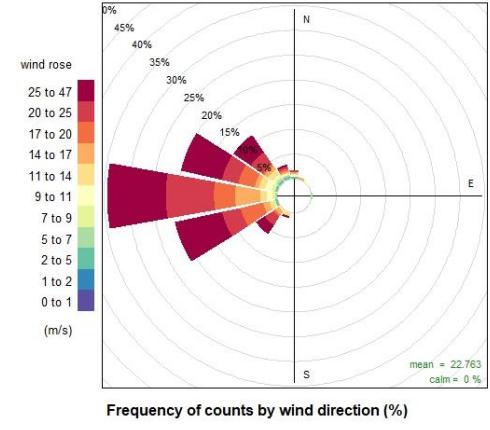


## Nagpur

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	0.4	0	0	0.4	0	0.4	0	0.4	0	0
12-33	0	0	0	0	0	0	0	0.4	0	0	0	0
34-56	0	0	0	0	0	0.4	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	0.4	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	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	0.8	0	0	0	0.4	0.4
214-236	0	0	0	0.4	0	0	0.8	0.8	0.4	2.1	2.1	2.1
237-258	0	0	0.4	0	0.4	0	0.8	1.3	4.7	3.8	9.7	9.7
259-281	0	0	0.4	0.4	0.4	1.3	1.3	5.1	4.2	9.7	11.9	11.9
282-303	0	0	0.4	0	0.8	1.3	1.3	0.8	3.4	3.4	8.5	8.5
304-326	0	0	0.4	0.4	0.4	0.4	1.3	0.8	0.4	3	4.2	4.2
327-348	0	0	0.4	0.4	0	0.4	0	0.4	0.4	0.4	0.4	0.4

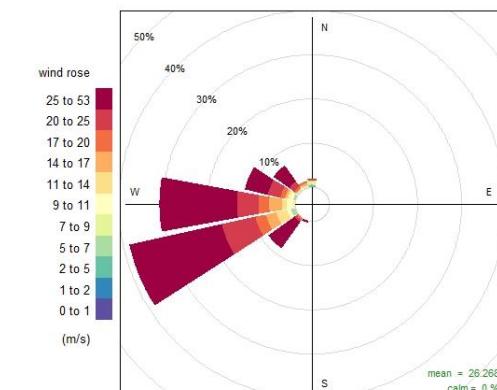


## Nagpur

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	0.5	0	0.5	0	0.5	0	0	0.5	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	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	0.5	0
214-236	0	0	0	0	0	0	0	0	0.5	0.5	7.3	0
237-258	0	0	0	1	0	1	2.4	2.4	2.4	7.8	21.5	0
259-281	0	0	0	0.5	1.5	1	2.9	2.4	4.9	4.9	17.6	0
282-303	0	0	0.5	0	1	0.5	0.5	1	2.9	2.9	5.4	0
304-326	0	0	0	0	0	0.5	0	0.5	1.5	1.5	4.4	0
327-348	0	0	0	0	0.5	0	0	0.5	0.5	0	0	0

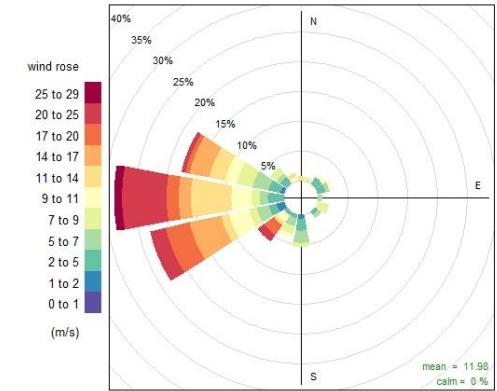


## Nagpur

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	0	0	0	0	0.7	0	0	0	0	0
12-33	0	0	0	0	0.7	0	0	0	0	0	0	0
34-56	0	0	1.4	0	0	0.7	0	0	0	0	0	0
57-78	0	0	1.4	0.7	0	0.7	0	0	0	0	0	0
79-101	0	0	0	0.7	0	0	0	0	0	0	0	0
102-123	0	0	0	0	2	0	0	0	0	0	0	0
124-146	0	0	0.7	0.7	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0.7	2	2	0.7	0	0	0	0	0	0	0
192-213	0	0	0.7	1.4	1.4	0.7	0	0	0	0	0	0
214-236	0	0	0.7	0	0	1.4	0.7	0	2	1.4	0	0
237-258	0	1.4	1.4	2	1.4	3.4	1.4	5.4	4.1	2.7	0	0
259-281	0	0	2.7	1.4	1.4	3.4	6.8	2	2	7.5	1.4	0
282-303	0	0.7	2	2.7	2.7	2	2.7	3.4	0.7	0.7	0	0
304-326	0	0	1.4	0.7	1.4	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0.7	0.7	0	0	0	0	0



## Nagpur

May

1000 hPa level

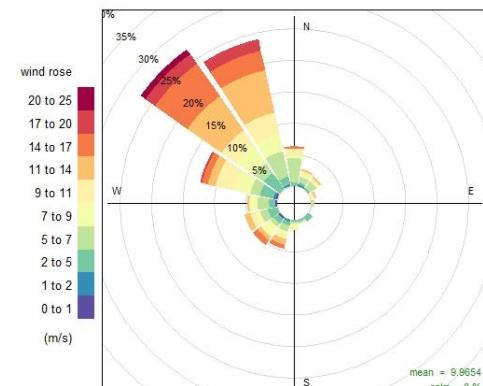
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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	0	0.6	3.8	0.3	1.3	0	0.3	0	0	0
12-33		0	0.3	0.3	0.9	0.6	0.3	0.3	0	0	0	0
34-56		0	0	0.3	1.3	0.3	0.3	0.3	0	0	0	0
57-78		0	0	0	0	0.3	0.3	0.3	0	0	0	0
79-101		0	0	0	0.6	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0.9	0	0	0	0	0	0	0	0
147-168		0	0	0.3	0.3	0	0	0	0	0	0	0
168-191		0	0	0.3	0.3	0.6	0.3	0	0	0	0	0
192-213		0	0.3	0.6	0.9	0.6	0.6	0.9	0.6	0	0	0
214-236		0.3	0	0.9	0.6	1.6	0.3	0.6	0.9	0	0	0
237-258		0	0	1.6	1.3	0.6	0.9	0.9	0	0	0	0
259-281		0.3	0	0.9	1.9	0.9	0.3	0.3	0	0	0	0
282-303		0.3	0.3	2.2	1.6	2.5	3.1	1.3	0.9	0.3	0	0
304-326		0	0	3.1	1.9	3.5	2.8	6.6	6.3	1.9	0.9	0
327-348		0	0.3	1.3	4.1	2.8	3.5	6.9	3.1	1.9	0	0

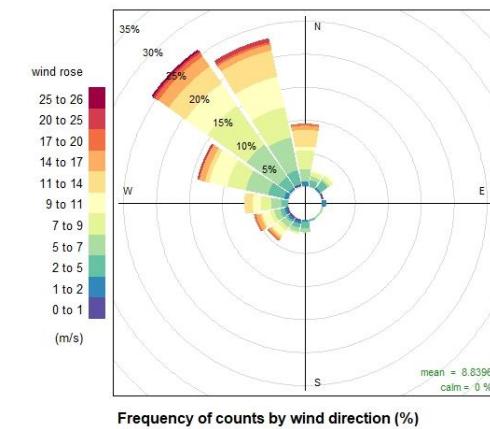


## Nagpur

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	0.6	0	1.9	2.8	0.6	2.5	0.6	0.3	0	0
12-33		0	0	0.9	0.6	0.6	0.3	0	0	0	0	0
34-56		0	0.3	1.3	0.3	0.6	0.3	0	0	0	0	0
57-78		0.3	0	0	0	0	0	0	0	0	0	0
79-101		0	0.6	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0.3	0	0	0	0	0	0	0
124-146		0	0	0	0.3	0	0	0	0	0	0	0
147-168		0	0	0.3	0	0	0	0	0	0	0	0
168-191		0	0.3	0.9	0.6	0	0	0	0	0	0	0
192-213		0.3	0.3	0.6	0.6	0.3	0	0	0	0	0	0
214-236		0.3	0.3	0.9	0.6	0.9	0.3	0.3	0.3	0	0	0
237-258		0.3	0.3	0.6	0.9	0.6	1.3	0.3	0.6	0.3	0	0
259-281		0	0	0.9	1.6	1.6	1.3	1.3	0	0	0	0
282-303		0	0.6	2.5	3.5	2.8	2.8	0.6	0.9	0	0.3	0
304-326		0	0.3	1.9	6	7.2	4.1	3.1	1.9	0.6	0.3	0.3
327-348		0.3	0	2.2	5	4.7	4.7	4.1	0.9	0.3	0.6	0

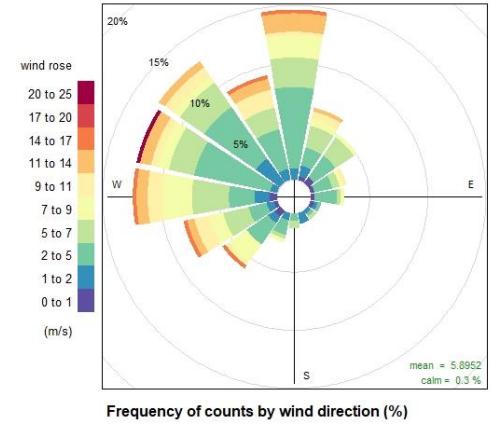


## Nagpur

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	1	7	2.5	1.9	0.3	1.6	0.3	0	0	0
12-33		0.3	1	1.6	1.9	0.6	0.6	0.3	0	0	0	0
34-56		0.6	0	2.2	1.9	0.3	0	0	0	0	0	0
57-78		0.3	0	1.6	0.6	0.3	0.3	0	0	0	0	0
79-101		0.3	0	1.9	0.3	0.3	0	0	0	0	0	0
102-123		0.3	0.3	0	0	0	0	0	0	0	0	0
124-146		0	0.3	0.3	0.3	0	0	0	0	0	0	0
147-168		0	1	0	0	0	0	0	0	0	0	0
168-191		0	0	0.6	0.6	0	0	0	0	0	0	0
192-213		0	0.6	1.3	0.3	0.3	0	0	0	0	0	0
214-236		0.6	0.6	2.2	0	1.9	0.3	0	0.3	0	0	0
237-258		0.3	0.6	1.6	2.2	1.3	1.3	0.6	0.3	0	0	0
259-281		0.6	1.3	2.2	3.2	2.5	1.3	1	0.3	0	0	0
282-303		0	0.6	6.7	2.2	1	0.6	1	0	0	0.3	0
304-326		0	2.5	5.4	2.5	0.6	1	0.6	0	0	0	0
327-348		0	1	3.5	1.9	0	1.6	1	0.3	0	0	0

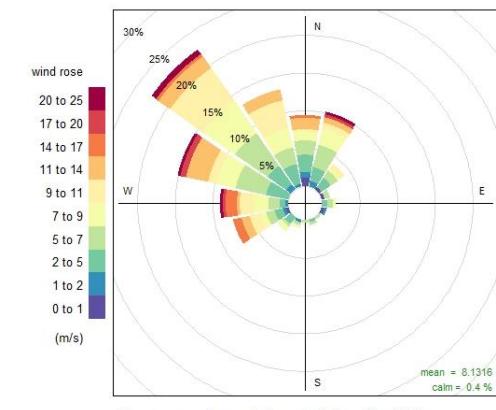


## Nagpur

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		1.1	0.8	2.3	1.9	1.1	0.4	1.5	0.4	0	0	0
12-33		0	0.8	1.9	3	2.3	0.8	0.8	0	0.4	0.4	0
34-56		0.4	0	1.5	1.1	0.4	0.8	0	0	0	0	0
57-78		0.4	0	0	0.8	0	0	0	0	0	0	0
79-101		0	0	0.8	0.8	0.4	0	0	0	0	0	0
102-123		0.4	0.4	0	0	0	0	0	0	0	0	0
124-146		0	0	0	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	0.4	0	0	0	0	0	0	0
192-213		0	0.4	0	0.4	0.4	0	0	0	0	0	0
214-236		0	0	1.1	0.4	0.8	0	0	0	0	0	0
237-258		0.4	0.4	1.1	1.1	0.8	1.5	1.1	1.1	0	0	0
259-281		0	0.4	0.8	1.5	1.9	1.9	0.4	1.5	0.4	0.4	0
282-303		0	0	3	4.1	2.6	1.1	3	0	0.8	0.4	0
304-326		0	0.8	3	5.3	5.3	5.3	1.9	0.4	0	0.8	0
327-348		0	0.4	2.6	2.3	2.6	3.8	1.5	0	0	0	0

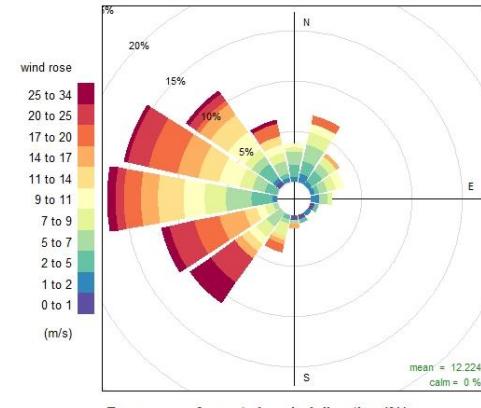


## Nagpur

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	0.4	1.3	1.3	0.4	0.4	0	0	0	0	0
12-33		0	0.8	1.3	1.7	1.3	0.8	0	0	0.8	0	0
34-56		0	0.4	1.3	0.8	0.8	0	0	0.4	0	0	0
57-78		0	0.4	0.4	0.8	0.8	0.8	0	0	0	0	0
79-101		0	0.8	0	0.8	0.4	0	0	0	0	0	0
102-123		0.4	0	0.4	0	0	0	0	0	0	0	0
124-146		0	0.4	0	0	0	0	0	0	0	0	0
147-168		0.4	0	0.4	0	0	0	0	0	0	0	0
168-191		0.4	0	0	0.4	0	0	0.4	0	0	0	0
192-213		0	0	0.4	0.4	1.3	0	0.4	0.4	0.8	0	0
214-236		0	0	0	1.7	1.3	0.8	0.8	0.8	0	3	2.5
237-258		0	0	0.4	0.8	0.8	1.3	2.5	2.5	2.5	0.8	0.8
259-281		0.4	2.1	2.5	2.1	2.1	2.5	1.7	1.7	0.8	0.8	0.8
282-303		0	0	1.3	1.3	1.3	2.1	2.1	2.1	3	2.1	0.4
304-326		0.4	0.4	1.7	0.8	0.8	2.1	2.1	1.3	0.4	0.8	0.4
327-348		0	0.4	0.4	1.3	0.8	0.8	0.8	0	1.3	0	0.4

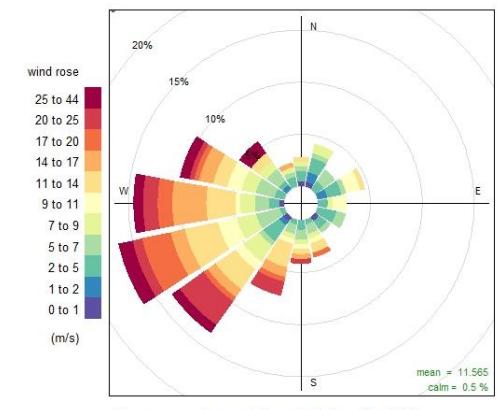


## Nagpur

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	0.5	0	0.9	0.5	0.5	0	0.5	0	0	0	0
12-33		0.5	0.9	1.4	0.5	0.9	0	0	0	0	0	0
34-56		0	0	0.9	1.4	0	0	0	0	0	0	0
57-78		0	0.9	1.4	0.5	0	1.4	0.5	0	0	0	0
79-101		0	0	0.9	0	0.5	1.4	0	0	0	0	0
102-123		0	0	1.9	0.9	0	0	0	0	0	0	0
124-146		0.5	0	0.9	0.5	0	0	0	0	0	0	0
147-168		0	0	0.5	0.9	0.5	0.5	0.9	0	0	0	0
168-191		0	0	0.9	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0
192-213		0	0	0.5	0.9	0.5	0.5	2.3	0.9	0.5	1.4	0
214-236		0.5	0.5	1.9	0.5	1.9	0.9	2.3	0.9	0.5	2.8	0.9
237-258		0	0	0.5	2.3	1.9	1.9	3.3	1.4	2.8	0.9	1.4
259-281		0.5	0	0.9	1.4	1.4	0.5	2.8	3.3	1.4	1.4	0.9
282-303		0	0	0.9	1.9	1.4	1.4	1.4	1.4	0.5	0.5	0.9
304-326		0	0.5	0.5	1.4	0.9	0	0.9	0	0	0	1.4
327-348		0	0	0.9	0.5	0.5	0	0	0.5	0	0	0

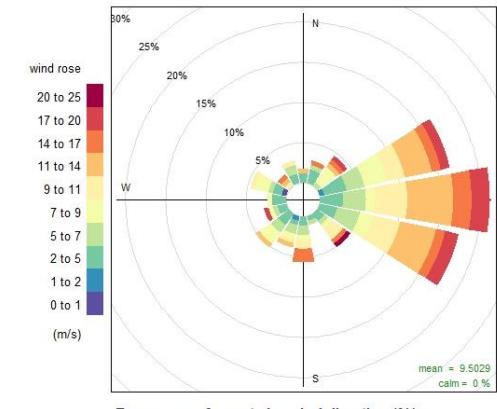


## Nagpur

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	1.1	0	0	0	0.6	0	0	0	0
12-33		0	0	1.7	0.6	0	0	0	0.6	0	0	0
34-56		0	0	0	0.6	2.3	0	0.6	0.6	0.6	0	0
57-78		0	0.6	2.9	2.3	2.9	2.3	3.4	1.1	1.1	0	0
79-101		0	0	2.9	2.9	1.1	4	5.7	2.3	2.3	0	0
102-123		0	0	2.3	2.9	1.7	3.4	4.6	1.1	1.7	0	0
124-146		0	0	1.1	0.6	0.6	1.7	0	0.6	0	0.6	0
147-168		0	0	0.6	0.6	0	0	0	0	0	0	0
168-191		0	0	1.1	1.1	0.6	1.1	0	1.7	0	0	0
192-213		0	0.6	0.6	1.1	0.6	0.6	0.6	0	0	0	0
214-236		0	0	1.7	1.1	1.7	0	0.6	0	0	0	0
237-258		0	0	1.1	0.6	0.6	0	0	0	0.6	0	0
259-281		0	0	1.7	0	0.6	0	0	0	0	0	0
282-303		0.6	0	1.1	0.6	1.7	0.6	0	0	0	0	0
304-326		0	0	0	0	0	0.6	0.6	0.6	0	0	0
327-348		0	0	1.1	1.1	0	0.6	0	0	0	0	0



## Nagpur

June

1000 hPa level

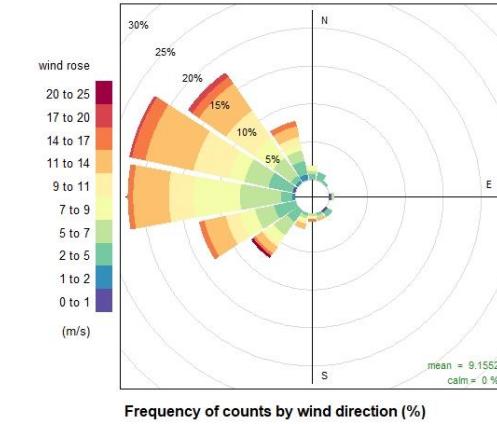
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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	0.7	0.4	0.7	0	0	0	0	0	0	0
12-33	0	0	1.1	0	0	0	0	0	0	0	0	0
34-56	0	0	0.4	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	0.4	0	0	0.4	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0.4	0	0.7	0	0	0	0	0	0	0	0	0
147-168	0	0	0.4	0.4	0	0	0.4	0	0	0	0	0
168-191	0	0	0	0.4	0.4	0	0	0.4	0	0	0	0
192-213	0	0	0.4	0.4	0.4	0.4	0.7	0	0	0	0	0
214-236	0	0	1.8	2.2	1.4	0.4	1.1	0.4	0	0.4	0	0
237-258	0	0	2.9	2.5	2.2	1.8	2.9	0.7	0	0	0	0
259-281	0	0.4	1.4	5.4	6.1	3.2	4.7	0.7	0	0	0	0
282-303	0.4	0	3.2	3.2	2.2	4.7	6.5	1.8	0.4	0	0	0
304-326	0	0.4	0.7	2.9	3.2	4.3	4.3	1.1	0.7	0	0	0
327-348	0	0.7	1.8	1.4	0.7	1.1	1.4	0.7	0	0	0	0

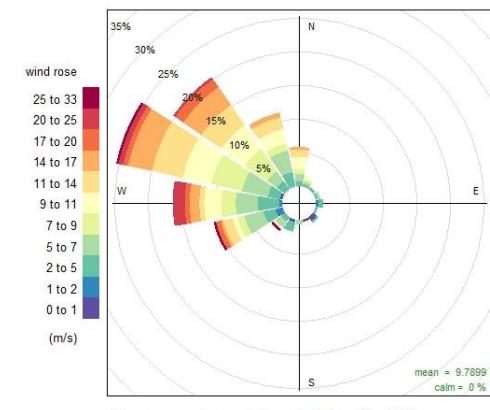


## Nagpur

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	0.7	1.1	0.7	1.8	1.1	0.4	0	0	0	0
12-33	0	0	0.4	0.4	0.4	0.4	0	0	0	0	0	0
34-56	0	0	0.4	0	0	0	0	0	0	0	0	0
57-78	0	0	0.4	0.4	0	0	0	0	0	0	0	0
79-101	0	0.4	0.7	0	0	0	0	0	0	0	0	0
102-123	0	0	0.4	0	0	0	0	0	0	0	0	0
124-146	0.7	0	0.4	0	0	0	0	0	0	0	0	0
147-168	0.4	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0.7	0	0	0	0	0	0	0	0
192-213	0.4	0	1.4	0	0	0	0	0	0	0	0	0
214-236	0	0	0.7	1.1	0	0.4	0	0	0	0	0	0.4
237-258	0	1.1	1.8	2.9	1.1	0.7	1.4	0.4	0.7	0	0	0.4
259-281	0	0.4	3.3	3.3	2.2	2.5	0.7	1.4	0.7	1.8	0	0
282-303	0.4	0	1.8	4	4.7	4.3	4.7	3.6	0.7	0.7	0.7	0.4
304-326	0	0	1.4	1.8	4	4.3	3.6	3.3	1.4	0.4	0	0
327-348	0	0	2.2	3.3	1.1	2.2	1.8	0.7	0	0	0	0

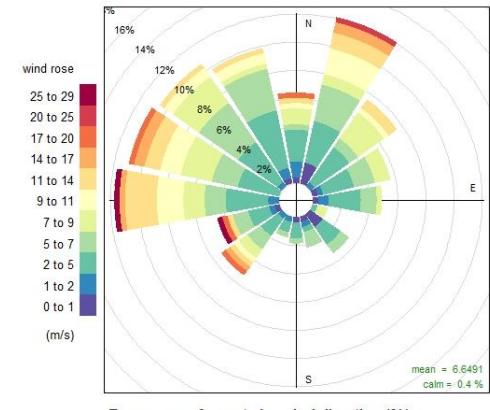


## Nagpur

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	0.4	1.1	2.3	0.4	1.1	0.4	0.4	0	0.4	0	0	0
12-33	1.5	0	3	2.6	0.8	1.9	1.1	0.8	0	0.4	0	0
34-56	0	0.4	3	0.8	2.3	0.4	0.8	0	0	0	0	0
57-78	0.4	0.4	2.3	1.5	1.1	0	0	0	0	0	0	0
79-101	0.4	0.8	2.3	1.1	0.4	0	0	0	0	0	0	0
102-123	0	0	0.4	0	0.8	0	0	0	0	0	0	0
124-146	1.1	0	1.5	0.8	0	0	0	0	0	0	0	0
147-168	0.4	0.4	0.8	0	0	0	0	0	0	0	0	0
168-191	0.4	0	1.1	0.8	0	0	0	0	0	0	0	0
192-213	0	0.4	0.8	0.4	0	0	0	0	0	0	0	0
214-236	0	0.4	1.5	1.1	0.8	0.4	0.4	0.4	0.4	0	0	0
237-258	0.4	0.4	1.5	1.1	0	0	0.4	0	0.4	0	0.4	0
259-281	0	0.8	3	1.5	1.5	1.9	2.3	0.4	0	0	0	0
282-303	0	0	3	1.9	2.3	1.5	1.1	0.8	0.4	0	0	0
304-326	0	0.4	3.4	3.4	2.3	0.8	0.4	0	0	0	0	0
327-348	0.4	0.8	4.2	3	0.4	0.8	0.4	0	0	0	0	0

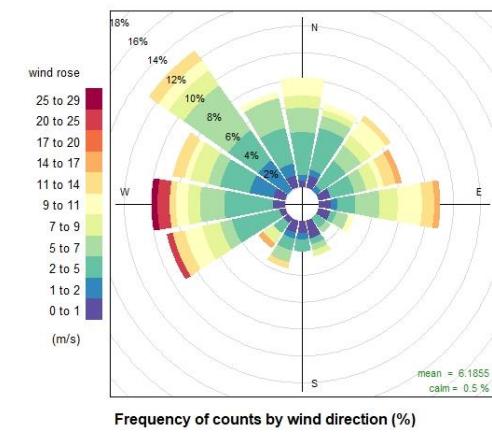


## Nagpur

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	0.5	0.5	3.2	1.8	0.9	1.4	0	0	0	0	0
12-33		0.9	0.5	3.2	0.9	0.5	0.5	0	0	0	0	0
34-56		0	0.5	2.3	1.4	0.9	1.4	0.5	0	0	0	0
57-78		0.9	0	1.8	0.9	0.9	0.5	0.9	0.5	0	0	0
79-101		0.9	0.5	1.4	1.8	1.4	1.8	0.9	0.5	0	0	0
102-123		0.9	0	0.5	0.9	0	0.5	0	0	0	0	0
124-146		0	0	0.9	0.5	0	0	0	0	0	0	0
147-168		1.4	0	0.5	0.5	0.5	0	0	0	0	0	0
168-191		0.9	0.5	0.9	0	0	0	0	0	0	0	0
192-213		0.9	0.5	0.9	0.9	0	0	0.5	0	0	0	0
214-236		0.5	0	0.9	0	0.9	0	0	0.5	0	0	0
237-258		0.5	0	3.6	0.9	1.4	1.4	0.9	0	0	0.5	0
259-281		0.9	0	3.6	1.8	0.9	0.9	0.5	0	0	0.9	0.5
282-303		0.9	1.8	2.3	0.9	1.4	0.5	0.9	0	0	0	0
304-326		0	2.7	2.7	4.1	1.4	0.9	0.9	0	0	0	0
327-348		0.9	0.9	2.7	2.3	0	0.5	0	0	0	0	0

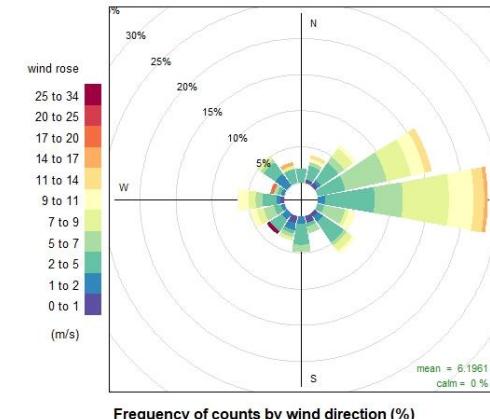


## Nagpur

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	0	2	0	0	0	0	0	0	0	0
12-33		0.5	0	2	0.5	0	0.5	0.5	0	0	0	0
34-56		0.5	0.5	2.9	1	1.5	0.5	0	0	0	0	0
57-78		0	0	3.9	5.9	3.4	2	1	0	0	0	0
79-101		0	1	6.9	3.9	6.4	3.4	1.5	0.5	0	0	0
102-123		0	0	1	2.9	0.5	1	0	0	0	0	0
124-146		0.5	1	3.4	0.5	1	0.5	0	0	0	0	0
147-168		1	0	0.5	1	0	0	0	0	0	0	0
168-191		0	1	2.9	1	0	0	0	0	0	0	0
192-213		1	1	0.5	0.5	0.5	0	0	0	0	0	0
214-236		0	1	2	0	0	0	0	0	0	0	0.5
237-258		0	0.5	1	1.5	1	1	0	0	0	0	0
259-281		0.5	0.5	2	1	1	1.5	0	0	0	0	0
282-303		0	0.5	0.5	0.5	0	0	0	0	0.5	0	0
304-326		0	2	2	0.5	0.5	0	0	0	0	0	0
327-348		0	0	2	0	0.5	0	0	0.5	0	0	0

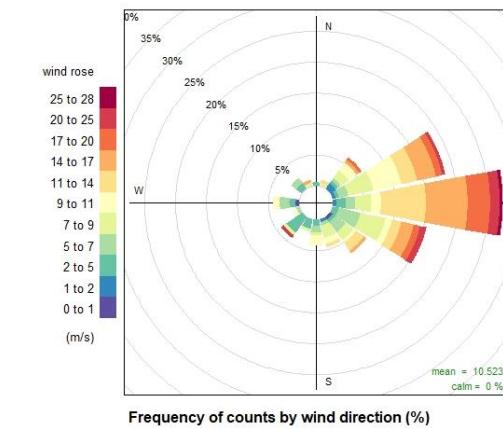


## Nagpur

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		0	0	0.5	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0.5	0	0.5	0	0	0	0
34-56		0	1	0.5	0.5	1.6	1.6	0	0.5	0.5	0	0
57-78		0	0.5	0.5	1.6	4.1	4.7	2.6	3.1	1	0.5	0
79-101		0	0.5	1.6	1.6	2.6	1.6	7.3	6.7	3.6	1.6	0.5
102-123		0	0	1	3.6	4.1	1	1.6	2.1	1	1	0
124-146		0.5	0	0.5	2.1	1.6	0.5	1.6	0.5	0	0	0
147-168		0	0	0.5	2.1	1	0.5	0	0	0	0	0
168-191		0	0.5	1	1	0.5	1.6	0	0	0	0	0
192-213		0	0	1.6	0	0.5	0	0	0	0	0	0
214-236		0	0	3.1	0	0.5	0	0	0	0	0.5	0
237-258		0	0	0	0.5	0	0.5	0	0	0	0	0
259-281		0.5	0	1	1.6	0	1	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0	1	1	0	0	0	0	0	0	0
327-348		0	0	0	0	0.5	0	0	0.5	0	0	0

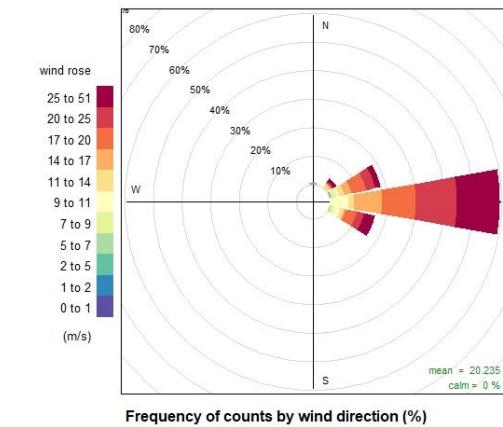


## Nagpur

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	0.7	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0.7	0	0	0	0	0
34-56		0	0	0	0	0	0	1.3	0.7	0	0.7	1.3
57-78		0	0	0.7	0	2	0.7	2	2.6	5.2	3.3	2
79-101		0	0	0	0	0	6.5	2	9.8	11.8	14.4	15
102-123		0	0	0	0.7	1.3	2	1.3	0.7	3.9	2.6	3.9
124-146		0	0	0	0	0	0.7	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



## Nagpur

July

1000 hPa level

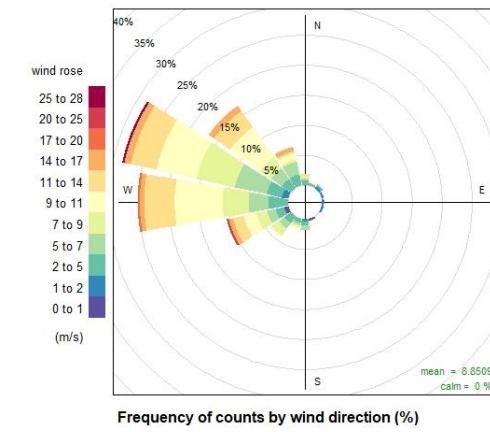
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

July

925 hPa level

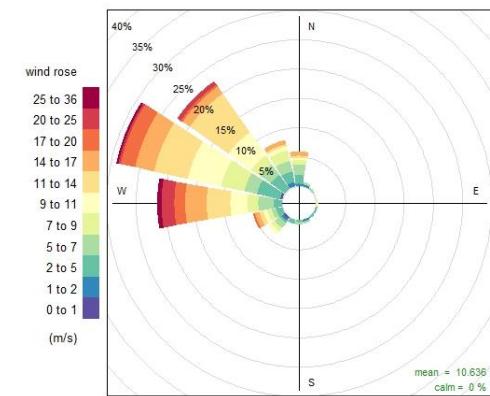
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.7	0.4	0.4	0	0.4	0	0	0	0	0
12-33	0	0	0.4	0	0	0.4	0	0	0	0	0	0
34-56	0	0.4	0.4	0	0	0	0	0	0	0	0	0
57-78	0	0.4	0	0	0	0	0	0	0	0	0	0
79-101	0	0.4	0	0	0	0	0	0	0	0	0	0
102-123	0	0.4	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0.4	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0.4	0.7	0.7	0	0	0	0	0	0	0	0
192-213	0	0	0.7	0.4	0.4	0	0	0	0	0	0	0
214-236	0	0	1.5	1.1	1.5	0.4	0	0	0	0	0	0
237-258	0.7	0	1.5	1.5	1.8	2.2	1.8	0.7	0	0.4	0	0
259-281	0	0	3.3	3.3	4.4	8	5.1	0.7	0.4	0	0	0
282-303	0	1.1	2.5	5.5	6.5	6.9	4.4	1.1	0	0	0.4	0
304-326	0	0	1.8	2.2	2.2	6.2	3.3	1.1	0	0	0	0
327-348	0	0	1.8	2.2	0.4	1.1	0.4	0.4	0.7	0	0	0



## Nagpur

July              850 hPa level

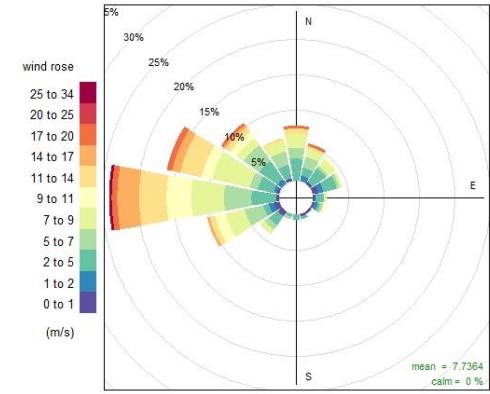
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	1.5	1.8	0.7	0.4	0.4	0.7	0	0	0	0
12-33	0	0.4	0	0.4	0	0	0	0	0	0	0	0
34-56	0	0	0	0.4	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0.4	0	0	0	0	0	0	0
102-123	0	0	0.4	0	0	0	0	0	0	0	0	0
124-146	0	0	0.4	0	0	0	0	0	0	0	0	0
147-168	0	0.4	0	0.4	0	0	0	0	0	0	0	0
168-191	0	0	0.4	0.4	0	0	0	0	0	0	0	0
192-213	0	0	0.7	0	0	0	0	0	0	0	0	0
214-236	0.4	0.4	0.4	1.1	0.7	0.7	0	0	0	0	0	0
237-258	0	0	1.1	0.7	0.7	0.7	0.7	0.7	0.4	0	0	0
259-281	0	0	1.5	2.6	1.8	2.9	4	3.7	1.8	2.2	0.7	0
282-303	0.4	0	4	2.2	4	5.9	5.9	3.3	2.6	0.4	0.4	0
304-326	0	0	2.9	2.2	1.8	4.8	8.1	1.5	0.4	0.7	0	0
327-348	0	0.7	1.8	1.8	1.8	0.7	0.4	0.7	0	0	0	0



## Nagpur

July              700 hPa level

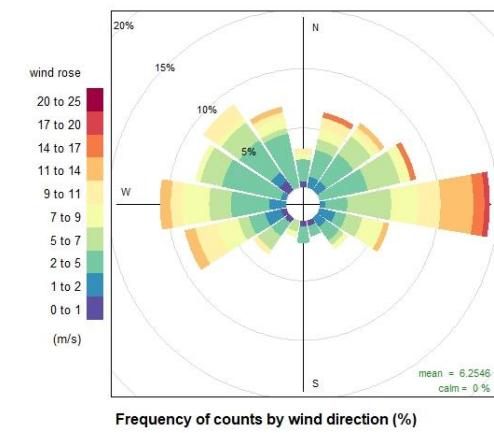
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	3.1	1.6	1.9	0	0.8	0	0.4	0	0	0
12-33	0	0.8	1.2	1.6	1.2	0	0.4	0	0.4	0	0	0
34-56	0.4	0	2.3	0.4	1.2	0.4	0	0	0	0	0	0
57-78	0.8	0.8	1.9	0.4	0.4	0	0	0	0	0	0	0
79-101	0.4	0	1.2	0	0.4	0	0	0	0	0	0	0
102-123	0.4	0.4	0.4	0	0.4	0	0	0	0	0	0	0
124-146	0.4	0	0	0	0	0	0	0	0	0	0	0
147-168	0.4	0	0.4	0	0	0	0	0	0	0	0	0
168-191	0	0	0.8	0	0	0	0	0	0	0	0	0
192-213	0	0	0.4	0.4	0	0	0	0	0	0	0	0
214-236	0.8	0	1.6	0.8	0.8	0	0	0	0	0	0	0
237-258	0.8	0.8	0.8	2.7	2.7	1.6	0.8	0.4	0	0	0	0
259-281	0.4	0	3.5	3.9	4.7	3.5	3.9	3.1	0.8	0	0.4	0
282-303	0.4	0.4	2.3	1.2	5.4	1.6	3.1	1.2	0.8	0	0	0
304-326	0	0.8	3.1	2.7	1.2	1.2	0.8	0.4	0.4	0	0	0
327-348	0.4	0	1.9	1.9	1.6	0	0.4	0	0	0	0	0



## Nagpur

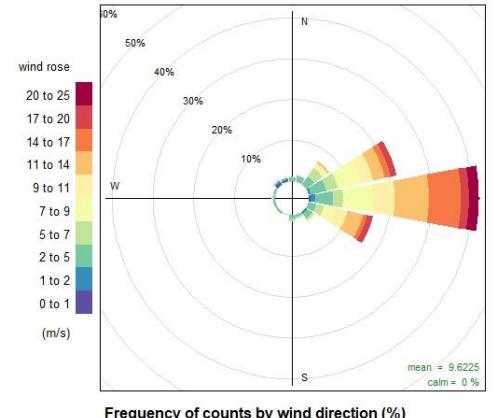
July              500 hPa level

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		0.5	0	1.9	0	0.5	0.5	0	0	0	0	0
12-33		0	0.9	2.3	0.9	0.9	0.9	0	0.5	0	0	0
34-56		0	0.9	2.8	1.9	0.5	0.5	0.5	0	0	0	0
57-78		0	0	4.2	2.8	0.9	0	0	0.5	0	0	0
79-101		0	0.5	1.9	3.7	2.3	1.9	2.8	0.9	0.5	0	0
102-123		0	1.4	0.9	1.4	1.9	0	0.5	0	0	0	0
124-146		0	0.9	1.4	0.5	0.5	0	0	0	0	0	0
147-168		0.5	0	0.9	0	0	0	0	0	0	0	0
168-191		0.5	0	1.4	0	0	0	0	0	0	0	0
192-213		0	0	0	0.9	0.5	0	0	0	0	0	0
214-236		0.5	0	1.4	1.4	0	0.5	0	0	0	0	0
237-258		0.5	1.4	1.4	0.9	1.9	1.9	0.9	0	0	0	0
259-281		0	1.4	3.2	1.9	2.3	0.9	0.9	0	0	0	0
282-303		0	0.5	5.1	1.9	0.5	0	0	0	0	0	0
304-326		0.9	0.9	3.2	1.9	0.5	1.4	0	0	0	0	0
327-348		0	0	4.6	0.5	0.9	0.5	0.5	0	0	0	0



Nagpur              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	1	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	2.5	2.5	0.5	1	0.5	0	0	0	0
57-78		0	0.5	3.9	2.9	5.9	2.9	2.9	1.5	1.5	0	0
79-101		0.5	1	4.4	2.5	7.4	5.4	8.3	7.8	2	2.5	0
102-123		0	0	2	2	2.9	2.9	3.9	1	1.5	0	0
124-146		0	0.5	1.5	0.5	0	0.5	0	0	0	0	0
147-168		0	0	0.5	0.5	0	0	0	0	0	0	0
168-191		0	0	1	0.5	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0.5	0	0.5	0	0	0	0	0	0
237-258		0	0	0.5	0	0	0	0	0	0	0	0
259-281		0	0	0.5	0	0	0.5	0	0	0	0	0
282-303		0	0	0.5	0	0	0	0	0	0	0	0
304-326		0.5	0.5	0	0.5	0	0	0	0	0	0	0
327-348		0.5	0	0.5	0	0	0	0	0	0	0	0

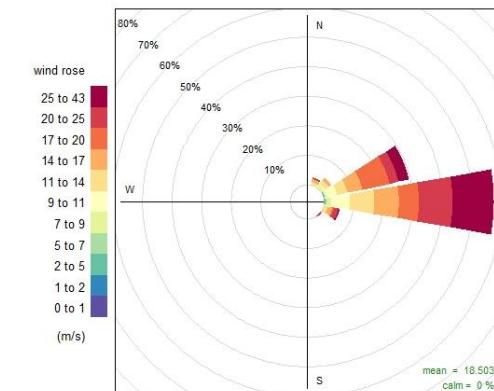


## Nagpur

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	0
12-33	0	0	0	0	0.5	0	0.5	1	0	0.5	0	0
34-56	0	0	0	0	1	0.5	1.6	1	0	0	0	0
57-78	0	0	0.5	0	0.5	3.6	3.6	5.2	9.3	3.1	3.6	0
79-101	0	0	0.5	0.5	1.6	6.2	8.3	8.3	6.7	11.4	14	0
102-123	0	0	0	0	0	0	1.6	1.6	0.5	1.6	0.5	0
124-146	0	0	0	0	0	0	0	0	0	0.5	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

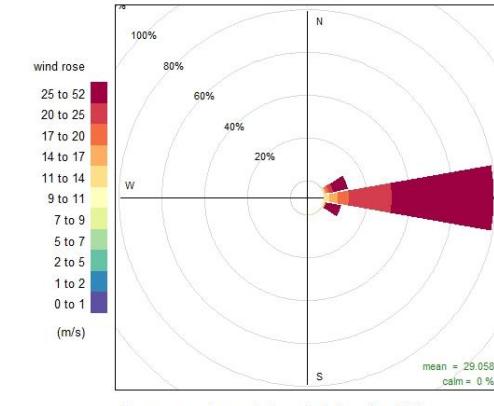


## Nagpur

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	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	0.6	0.6	1.3	1.9	7.1	0
79-101	0	0	0	0	0	0	2.6	3.9	5.2	20	47.7	0
102-123	0	0	0	0	0.6	0	0	0.6	0	0	7.1	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0.6	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



## Nagpur

August

1000 hPa level

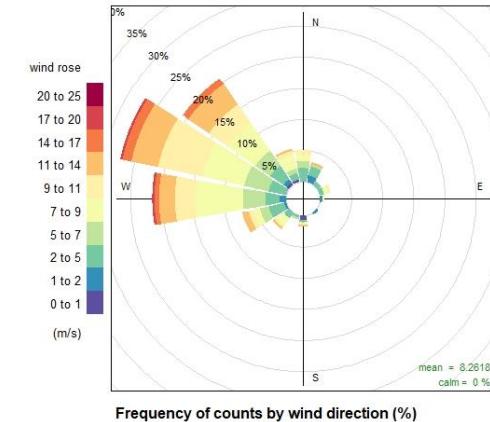
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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	2.2	1.1	1.1	0.7	0	0	0	0	0	0
12-33	0	1.1	1.5	0.4	0	0	0.4	0	0	0	0	0
34-56	0	0	0.7	0	0	0	0	0	0	0	0	0
57-78	0	0	0.7	0	0.7	0.4	0	0	0	0	0	0
79-101	0	0.4	0	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	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0.7	0	0.4	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	0
214-236	0	0	1.1	0	1.5	0.4	0.4	0	0	0	0	0
237-258	0	0.4	2.5	1.5	1.1	0.7	1.1	0	0	0	0	0
259-281	0	1.1	2.2	3.6	7.6	3.3	2.5	0.7	0.4	0	0	0
282-303	0	0	2.9	4	6.9	7.3	4.4	1.5	0.4	0	0	0
304-326	0.4	0.7	2.5	2.9	5.5	3.6	4	1.1	0	0	0	0
327-348	0.4	0	1.1	0.7	2.2	0.7	0.4	0	0	0	0	0

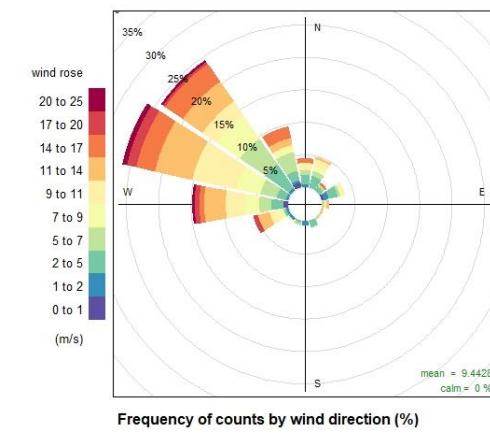


## Nagpur

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	0.4	1.5	0.7	0	1.1	0	0.7	0	0	0
12-33		0	0	1.8	0.7	0.7	1.1	0.4	0	0	0	0
34-56		0	0	0.7	0.4	0	0	0	0.4	0	0	0
57-78		0.4	0.7	1.5	0.4	0.4	0.4	0	0	0	0	0
79-101		0	0	0	0.4	0	0.4	0.4	0	0	0	0
102-123		0	0	0	0	0	0	0.4	0	0	0	0
124-146		0	0	0	0.4	0	0	0	0	0	0	0
147-168		0	0	1.1	0	0	0	0	0	0	0	0
168-191		0	0.7	0	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	0.4	0	0	0.4	0	0	0	0	0	0
237-258		0	0.4	0.4	0	1.1	1.1	1.8	0	0.7	0	0
259-281		0.7	0	1.8	1.8	2.2	3	3.3	0.7	0.7	0.4	0
282-303		0	0.4	1.5	2.6	3.7	7	5.9	3	1.5	0.7	0
304-326		0	0.4	4.4	4.8	4.4	2.6	3.7	3.3	0.4	0.4	0
327-348		0.7	0.4	1.5	3	0.7	0.4	1.1	1.8	0	0	0

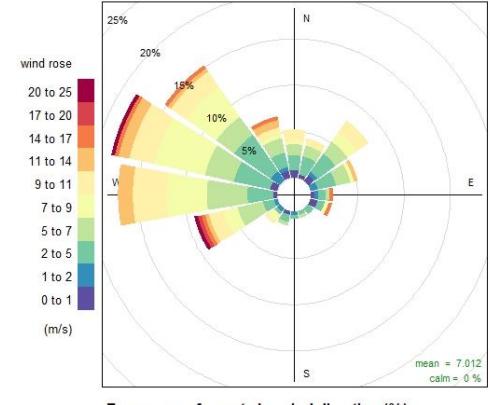


## Nagpur

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		0.8	0	1.6	1.2	0.4	1.2	0	0	0	0	0
12-33		0.4	0	2	1.2	0	0.8	0	0	0	0	0
34-56		0.8	0.4	2.4	1.6	1.2	1.6	0	0	0	0	0
57-78		0	0.8	2	1.6	0.4	0	0.4	0	0	0	0
79-101		0.4	0.4	0.8	0.4	0	0	0	0.4	0	0	0
102-123		0.8	0	0.8	0	0.4	0	0	0.4	0	0	0
124-146		0	0	0.8	0	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	0.4	0.4	0	0	0	0	0	0	0	0
192-213		0.4	0	0.8	0.4	0	0	0	0	0	0	0
214-236		0	0.4	0.4	0	0.8	0.4	0	0	0	0	0
237-258		0	0.4	1.2	2.8	1.6	1.6	0.4	0.4	0.4	0.4	0
259-281		0.4	0	2.8	4.4	4.4	3.6	1.6	0	0	0	0
282-303		0.8	0	4	3.2	5.6	2.8	1.2	0.4	0	0.4	0
304-326		0	1.2	4.8	2.4	4	2	0.4	0.4	0	0	0
327-348		0.8	0.4	1.6	1.6	0.4	0.8	0.8	0.4	0	0	0

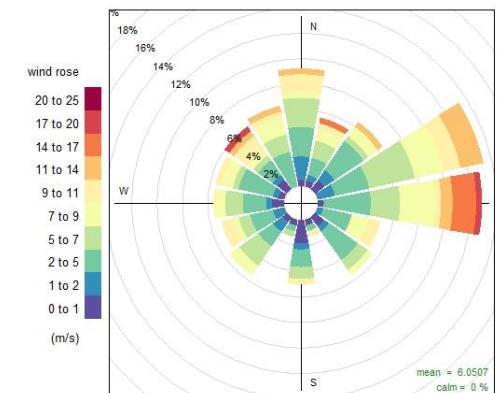


## Nagpur

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	1.8	2.3	2.3	0.5	1.4	0.5	0	0	0	0
12-33		0.5	0.5	1.4	1.4	0.9	0.5	0	0.5	0	0	0
34-56		0.9	0.9	2.8	0.5	0.9	0	0.5	0	0	0	0
57-78		0	1.4	2.8	3.7	2.3	1.4	1.8	0	0	0	0
79-101		0.5	0	3.7	2.3	2.8	0.5	0.9	1.8	0.5	0	0
102-123		0	0.5	2.3	0	1.4	0.9	0	0	0	0	0
124-146		0.9	0.5	2.8	0.9	0.5	0	0	0	0	0	0
147-168		0.5	0	0	0	0.5	0	0	0	0	0	0
168-191		1.8	0.5	1.8	0.9	0	0.5	0	0	0	0	0
192-213		0.5	0	0.5	0.5	0	0	0	0	0	0	0
214-236		0.5	0.9	1.4	1.8	0.9	0	0	0	0	0	0
237-258		0	0.9	1.8	0.9	0.5	0.9	0	0	0	0	0
259-281		0.9	0.5	1.8	1.4	0.9	0	0	0	0	0	0
282-303		0.5	0.5	2.8	0.5	0.9	0.5	0	0	0	0	0
304-326		0.9	0.5	1.4	0.5	0.5	1.4	0.5	0	0.5	0	0
327-348		0	0	2.8	1.4	1.4	0.5	0.5	0	0	0	0

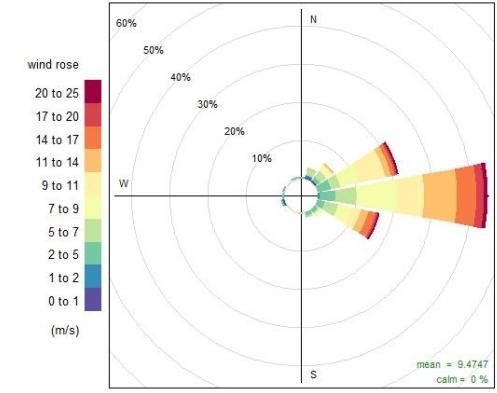


## Nagpur

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	0.5	0	0	0	0	0	0	0	0
12-33		0.5	0.5	0	1.5	0	0	0.5	0	0	0	0
34-56		0.5	0	1	2	1.5	0.5	0.5	0	0	0	0
57-78		0	0	3.5	2.5	5.1	7.1	1.5	1	0.5	0.5	0
79-101		0	0.5	4	5.6	10.6	7.1	8.6	5.1	2	1	0
102-123		0	0	2	3.5	3.5	2.5	2	2	0.5	0.5	0
124-146		0	0	1	0.5	1	0	0	0	0	0	0
147-168		0	0	1	0.5	0	0	0	0	0	0	0
168-191		0	0	0	0.5	0	0	0	0	0	0	0
192-213		0	0	0	0	0.5	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0.5	0	0.5	0	0	0	0	0	0	0	0
259-281		0	0	0.5	0	0	0	0	0	0	0	0
282-303		0	0	0.5	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	0.5	0	0	0	0	0	0	0	0

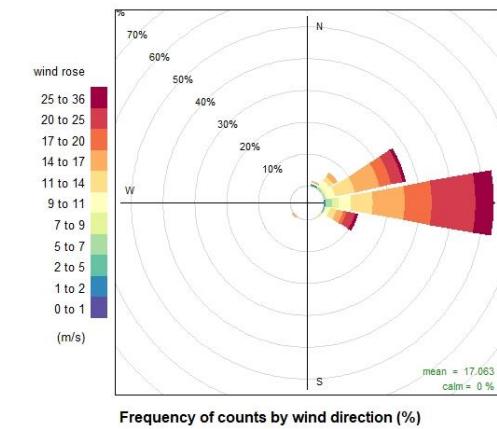


## Nagpur

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	0	0	0	0	0	0	0	0
12-33	0	0.5	0	0	0	0.5	0	0.5	0	0	0	0
34-56	0	0	0	0.5	0.5	2.1	1.6	1.6	0	0	0	0
57-78	0	0	0	0.5	0.5	2.6	6.3	7.9	3.7	3.7	1.1	
79-101	0	0.5	0	2.1	2.1	3.7	6.9	10.1	8.5	13.8	5.8	
102-123	0	0	0.5	0	0	1.6	2.1	2.1	1.1	2.6	1.1	
124-146	0	0	0	0	0	0	0.5	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	0.5	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	

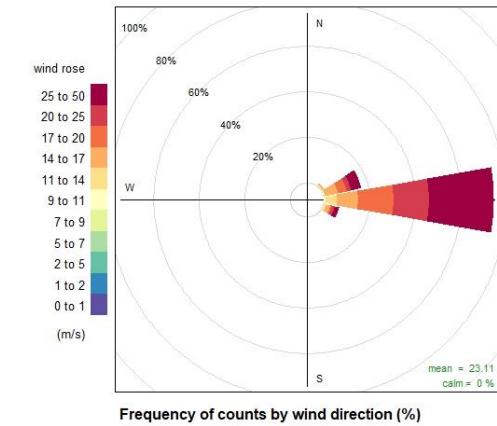


## Nagpur

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	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0.6	0.6	0	0	0	0
57-78	0	0	0	0	0	0.6	0	5.8	3.9	1.9	4.5	
79-101	0	0	0	0	0	0.6	5.2	9.1	15.6	15.6	28.6	
102-123	0	0	0	0	0	0	1.3	1.9	0.6	1.3	1.9	
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	



## Nagpur

September

1000 hPa level

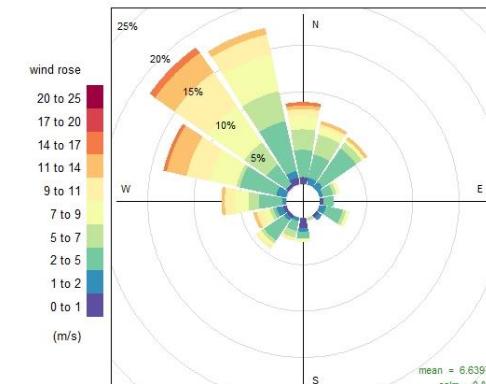
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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		0.7	0	2.9	2.2	1.5	0.7	0.4	0.4	0	0	0
12-33		0	0.7	2.6	2.2	0.7	0.4	0.4	0	0	0	0
34-56		0	0.7	4.4	0.7	0.4	0	0.4	0	0	0	0
57-78		0	0.4	1.1	0.4	0.4	0	0	0	0	0	0
79-101		0.4	0	1.1	0	0	0	0	0	0	0	0
102-123		0	0.7	1.8	0.4	0.4	0	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		1.1	0.4	0.7	0	0.4	0	0	0	0	0	0
192-213		0	0.4	1.1	0.7	0	0.4	0	0	0	0	0
214-236		0.4	0.4	2.6	0.4	0.4	0.4	0	0	0	0	0
237-258		0.4	0.7	0.4	0.4	0.7	0.7	0.4	0	0	0	0
259-281		0	0.4	2.6	1.1	1.5	1.1	0.4	0	0	0	0
282-303		0	1.1	4	0.4	2.9	2.6	2.2	0.4	0	0	0
304-326		0.4	0	2.6	2.9	4.8	4.4	2.6	0.7	0	0	0
327-348		0.7	0.7	5.5	3.3	4	2.2	0.7	0	0	0	0

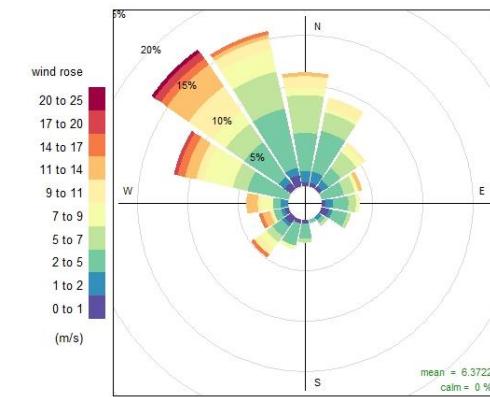


## Nagpur

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		0.4	1.1	3.8	3.8	0.8	1.1	0.4	0	0	0	0
12-33		0.4	1.1	4.1	1.9	0.4	1.1	0	0	0	0	0
34-56		0.4	0.8	1.5	1.9	0.8	0.4	0	0	0	0	0
57-78		0	0	2.3	1.1	0.4	0	0.4	0	0	0	0
79-101		0.4	0.8	1.5	0.8	0.4	0	0	0	0	0	0
102-123		0.8	0.4	1.5	0.4	0	0	0	0	0	0	0
124-146		0	0.4	0.4	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	1.5	0.4	0	0	0	0	0	0	0
192-213		0.4	0	2.3	0	0.4	0	0	0	0	0	0
214-236		0.8	0.4	1.1	0.8	0.8	0.8	0	0.4	0	0	0
237-258		0.4	0.4	0.8	0	0	0.4	0.8	0.4	0	0	0
259-281		0	0.8	0.8	0	1.1	0.4	1.1	0	0	0	0
282-303		0	0	4.1	1.5	3	0.8	1.1	0.8	0.4	0	0
304-326		0.8	0.8	4.1	2.3	1.5	3	2.6	0.8	0.8	0.4	0
327-348		1.1	0.8	6	3.8	2.3	1.1	0.4	0.4	0	0	0

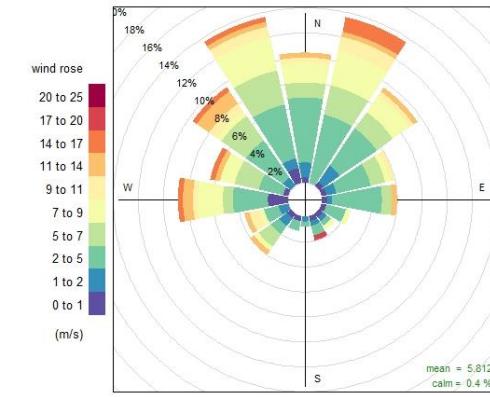


## Nagpur

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		0.4	1.2	5.2	1.2	1.6	0.4	0.4	0	0	0	0
12-33		0	0	5.6	2.4	2.8	1.2	0.4	1.2	0	0	0
34-56		0.4	1.6	3.6	1.6	1.6	0.4	0.4	0	0	0	0
57-78		0.4	0.8	2.8	1.2	0.4	0.4	0	0	0	0	0
79-101		0.4	0.4	4	0.8	0	0	0.4	0	0	0	0
102-123		0.4	0	1.6	0	0.4	0	0	0	0	0	0
124-146		0.4	0.4	0	0.4	0	0	0	0	0	0	0
147-168		0.4	0.4	0.8	0	0	0	0	0	0.4	0	0
168-191		0	0.4	0.4	0	0	0	0	0	0	0	0
192-213		0.4	0	0.8	0	0	0	0	0	0	0	0
214-236		0.4	0.8	0.8	1.2	0.4	0	0.4	0	0	0	0
237-258		0	0.8	1.2	0	0.4	0.8	0.4	0	0	0	0
259-281		1.6	0	2.8	0.8	2	0.4	0.8	0.4	0	0	0
282-303		0.4	0	2	2	1.2	0	0.4	0.4	0	0	0
304-326		0	0.8	3.6	2.4	0.4	0.8	1.2	0.4	0	0	0
327-348		1.2	0.8	4.4	2.8	2.8	0.8	0.4	0.4	0	0	0

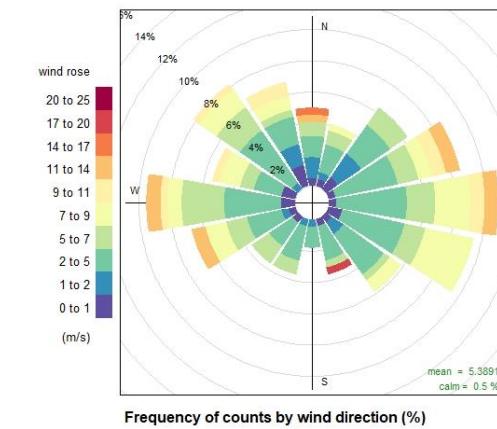


## Nagpur

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		0.5	1.4	1.4	0.9	0	0	0.5	0.5	0	0	0
12-33		0.5	0.5	1.8	0.9	0.5	0	0	0	0	0	0
34-56		0.9	1.8	2.3	1.4	0	0	0	0	0	0	0
57-78		0.5	0	4.1	1.4	0.9	0.9	0.9	0	0	0	0
79-101		0.5	0	4.5	1.8	2.3	0.9	0.9	0	0	0	0
102-123		0.9	0	4.1	1.4	3.2	0	0	0	0	0	0
124-146		0.5	0.9	3.2	0.5	0.9	0	0	0	0	0	0
147-168		0.5	0	2.3	0.5	0	0	0	0	0.5	0	0
168-191		0	0.5	1.4	0	0	0	0	0	0	0	0
192-213		0	0.5	2.3	0.9	0	0	0	0	0	0	0
214-236		0.5	0	1.8	1.4	0	0	0	0	0	0	0
237-258		0.5	0.5	2.3	1.4	1.4	0	0.9	0	0	0	0
259-281		0.9	0	3.6	2.7	0.9	0.5	0.9	0	0	0	0
282-303		0.9	0	1.8	0.9	1.4	0.5	0	0	0	0	0
304-326		0	0.5	4.1	1.8	1.4	0.5	0	0	0	0	0
327-348		1.4	1.4	1.8	0.5	0.9	0.9	0	0	0	0	0

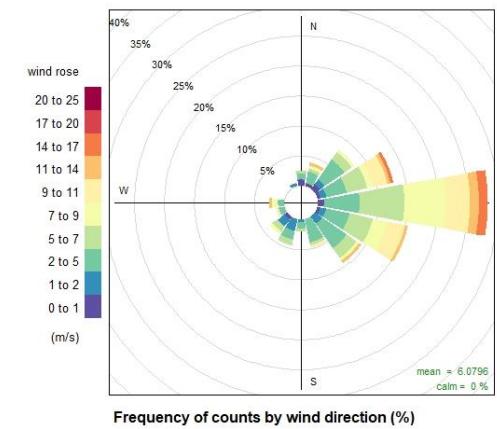


## Nagpur

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		1	0	1	0.5	0	0	0	0	0	0	0
12-33		0.5	0	2	0.5	0.5	0	0.5	0	0	0	0
34-56		1	1	4	1.5	0.5	0	0	0	0	0	0
57-78		0.5	1	3.5	3.5	1	2.5	0.5	0.5	0	0	0
79-101		1	0	6	7.5	7	4	1.5	1.5	0	0	0
102-123		0.5	1	4	4	2.5	3	0.5	0	0	0	0
124-146		0	1.5	5	2	0.5	0	0.5	0	0	0	0
147-168		0	0	4	0.5	0	0.5	0	0	0	0	0
168-191		0	0.5	1	0.5	0	0	0	0	0	0	0
192-213		0	2	1.5	1	0	0	0	0	0	0	0
214-236		0.5	1.5	0	1	0.5	0	0	0	0	0	0
237-258		0	0	1	0	0	0.5	0	0	0	0	0
259-281		0	0	1	0	1	0	0.5	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	0.5	0	0	0	0	0	0	0	0	0

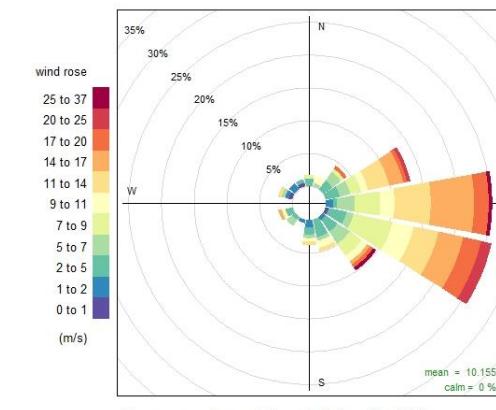


## Nagpur

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	1.1	0	0.6	0	0	0	0	0	0	0
12-33	0	0	0	0.6	0	1.1	0	0	0	0	0	0
34-56	0	0	1.7	1.7	0.6	0	0	0	0.6	0	0	0
57-78	0	0	2.2	1.7	1.7	1.1	3.3	2.2	0.6	0.6	0	0
79-101	0	1.1	0.6	2.8	3.9	2.2	5.5	6.6	2.2	0	0.6	0
102-123	0.6	0	2.8	1.1	6.1	3.3	3.9	3.9	2.8	1.7	0	0
124-146	0	0.6	2.2	2.2	2.2	1.1	0	0.6	0.6	0	0	0.6
147-168	0	0	2.8	0.6	0	1.1	0.6	0	0	0	0	0
168-191	0	1.1	1.1	0.6	0	0.6	0.6	0	0	0	0	0
192-213	0	0.6	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0.6	1.1	0	0	0	0	0	0	0	0
237-258	0	0	1.1	0	0	0.6	0	0.6	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0.6	0.6	0	0.6	0	0	0.6	0	0	0	0	0
304-326	0	1.1	0	0	0	0	0	0	0	0	0	0
327-348	0.6	0	0.6	0	0	0	0	0	0	0	0	0

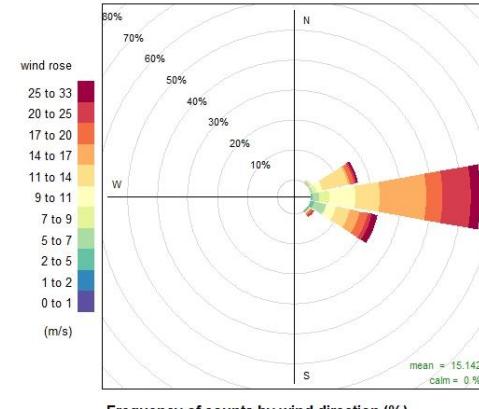


## Nagpur

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	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0.7	0	0	0.7	0	0	0	0	0
57-78	0	0	0	0.7	1.4	2	8.8	0.7	1.4	0.7	0.7	0
79-101	0	0	0.7	2	3.4	8.8	8.1	15.5	5.4	9.5	3.4	0
102-123	0	0	1.4	4.1	0	3.4	4.7	3.4	2.7	1.4	2	0
124-146	0	0	0.7	0	0	0	0.7	0	0.7	0.7	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



## Nagpur

October

1000 hPa level

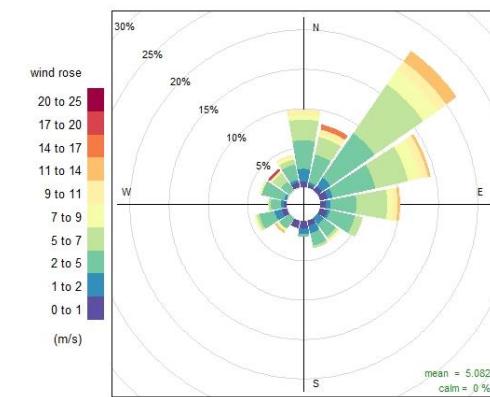
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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		0.7	1.6	3.6	2.6	0.7	0.7	0	0	0	0	0
12-33		0.3	0.3	3.6	2.3	0.3	0.7	0	0.7	0	0	0
34-56		0.7	1.3	6.9	7.5	2.3	1.3	1.6	0	0	0	0
57-78		1	0.7	5.6	4.3	1.6	1	0.3	0	0	0	0
79-101		0.7	0.7	3.3	3.9	0.7	0.7	0.3	0	0	0	0
102-123		1	0.3	3.3	1	0	0	0	0	0	0	0
124-146		0	1	2	0.3	0.3	0	0	0	0	0	0
147-168		0.7	1	1.6	0.3	0	0	0	0	0	0	0
168-191		1	0.7	0.3	0	0	0	0	0	0	0	0
192-213		1	0	0	0	0	0	0	0	0	0	0
214-236		0	0	1.6	0	0.3	0	0.3	0	0	0	0
237-258		0.7	1	2	0.3	0.3	0	0	0	0	0	0
259-281		0.3	0.3	1.3	0.3	0	0	0	0	0	0	0
282-303		0	0.3	3	0	0.3	0	0	0	0	0	0
304-326		0	0	1.3	1.3	0	0.3	0	0	0.3	0	0
327-348		0.7	0.3	2	0.7	0.3	0.3	0	0	0	0	0

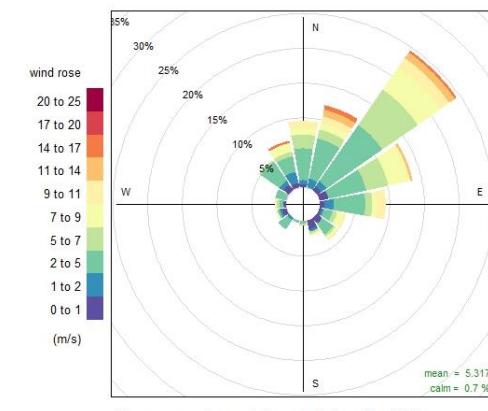


## Nagpur

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		0.3	0.7	4.6	2	1	1	0	0	0	0	0
12-33		0	1.3	5.9	1.3	1	1	1	0.7	0	0	0
34-56		0.7	1	9.8	6.2	3.9	1.6	1	0.3	0	0	0
57-78		1.3	0	5.6	3.3	2.9	0.3	0.3	0	0	0	0
79-101		0.7	1.3	4.6	1	0.7	1.3	0	0	0	0	0
102-123		0.3	0.3	1.3	0.7	1	0.3	0	0	0	0	0
124-146		1	0	2	0.3	0.3	0.3	0	0	0	0	0
147-168		1.3	0.3	0	0.3	0.3	0	0	0	0	0	0
168-191		0	0	0.3	0.3	0	0	0	0	0	0	0
192-213		0	0	0.3	0	0	0	0	0	0	0	0
214-236		0	0.3	1.6	0	0	0	0	0	0	0	0
237-258		0.7	0.3	0.3	0	0.3	0	0	0	0	0	0
259-281		0.3	0	0.7	0.3	0	0.3	0	0	0	0	0
282-303		0	0	1.6	0	0	0	0	0	0	0	0
304-326		1	0.7	3.3	0.3	0	0	0	0	0	0	0
327-348		0.7	1.6	2.3	0.7	1.3	0	0	0.3	0	0	0

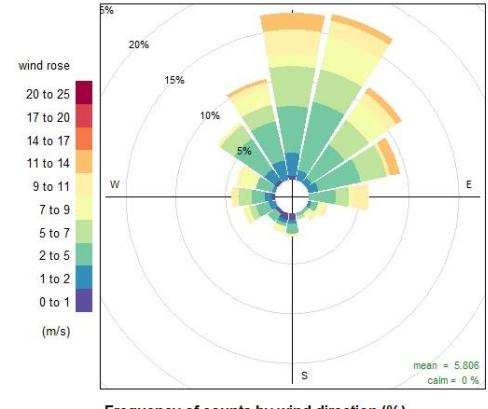


## Nagpur

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		0.3	2.3	4.7	4	1.3	2.3	1.7	0	0	0	0
12-33		0	1	7	3.3	3.3	1.7	0.7	0	0	0	0
34-56		0	0.7	4	3	2.3	1	0.7	0	0	0	0
57-78		0	1	4.3	2.7	0	0.3	1	0	0	0	0
79-101		0	0	2.7	1.3	0.3	1.7	0	0	0	0	0
102-123		0	0.3	0.7	0	0.7	0.3	0	0	0	0	0
124-146		0	0	0.3	0	0.7	0.3	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0.7	0.3	1.3	0.3	0	0.3	0	0	0	0	0
192-213		0.7	0.3	0	0.3	0.3	0	0	0	0	0	0
214-236		0.3	0	1	0	0	0	0	0	0	0	0
237-258		0	0.7	1.3	0.7	0.3	0.3	0	0	0	0	0
259-281		0.3	0.7	1.3	1.3	0	0.7	0	0	0	0	0
282-303		0	0.3	1.7	0	1.7	0.3	0	0	0	0	0
304-326		0.3	1.3	3.7	1.7	0.3	0	0	0	0	0	0
327-348		0	2	4	1.7	1.7	0.7	0.3	0	0	0	0

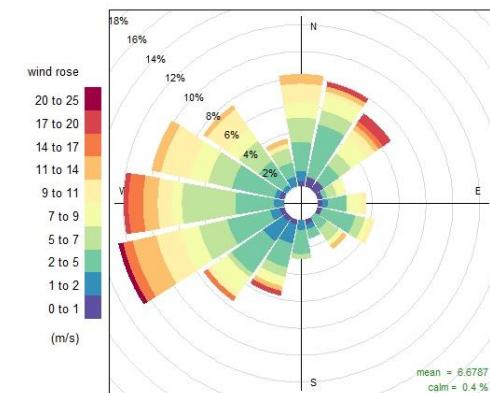


## Nagpur

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	0.7	2.2	1.8	1.1	1.4	0.7	0	0	0	0
12-33		0.7	0	4	1.1	1.1	0.4	0.4	0	0.4	0	0
34-56		0.7	0	1.4	1.1	1.4	0.7	0.4	0.4	0.7	0	0
57-78		0.4	0	0.4	0.7	0.7	0	0	0	0	0	0
79-101		0.4	0.4	1.4	0	1.1	0.4	0	0	0	0	0
102-123		0.4	0	2.5	0.7	0.4	0.4	0	0	0	0	0
124-146		0	0	1.1	1.1	0.4	0	0.4	0	0	0	0
147-168		0.4	0.4	0.7	0	0	0	0	0	0	0	0
168-191		0	0.7	1.8	0.4	0	0	0	0	0	0	0
192-213		0.4	1.4	1.8	0.7	0.7	0	0.4	0	0.4	0	0
214-236		0.4	1.8	2.9	0.4	1.4	0.4	0	0.4	0	0	0
237-258		0.4	0.7	3.2	2.2	1.4	1.8	1.8	0.7	0	0.4	0
259-281		0	0.7	2.9	4	0.7	1.1	1.1	1.1	0.4	0	0
282-303		0.4	0.4	3.2	1.8	1.4	2.2	0.7	0	0	0	0
304-326		0	0.4	2.2	1.8	1.1	1.8	0.4	0	0	0	0
327-348		0	0.7	1.1	1.1	0	0.4	0.4	0	0	0	0

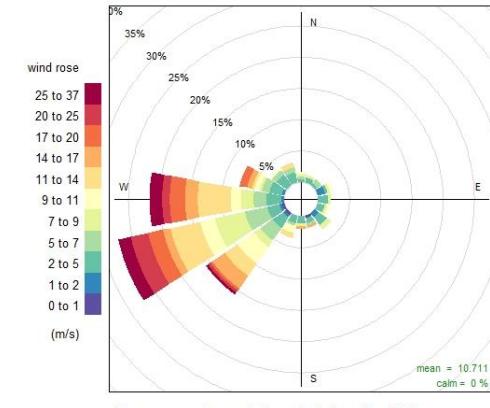


## Nagpur

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	0.4	0.4	0.4	0	0	0	0	0	0
12-33		0	0	0.8	0	0.4	0	0	0	0	0	0
34-56		0	0	0.4	0.8	0	0	0	0	0	0	0
57-78		0	1.2	0.4	0	0.4	0.4	0	0	0	0	0
79-101		0	0	1.6	0	0.4	0	0	0	0	0	0
102-123		0	0	1.2	0	0.4	0.4	0	0	0	0	0
124-146		0	0.8	1.6	0	0.8	0	0	0	0	0	0
147-168		0.4	0	0.8	0.4	0	0	0	0.4	0	0	0
168-191		0	0	1.2	0	0.4	0	0	0.4	0	0	0
192-213		0	0	1.2	0.4	0	1.2	0.8	0	0	0	0
214-236		0.4	0.4	2	2.4	1.2	3.3	2.4	2.4	0.4	0.4	0.4
237-258		0.4	0.4	2	3.7	4.9	2.4	4.9	1.2	2.4	2.8	2
259-281		0	0.4	2.4	2	2	1.6	5.3	2	2.4	1.2	2
282-303		0	0.4	2	1.2	0.4	0.8	0.4	0.8	1.2	0	0
304-326		0	0	2	0.8	0	0.4	0	0	0	0	0
327-348		0	0	1.6	0.8	0	0	0.8	0	0	0	0

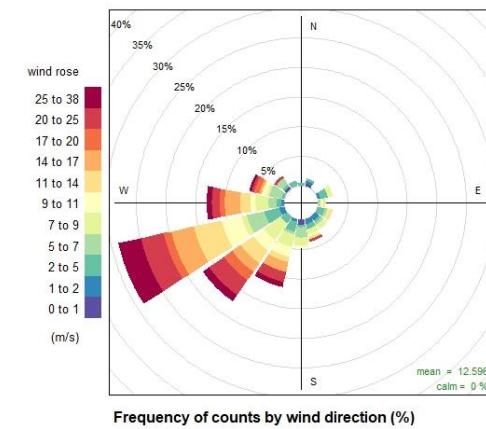


## Nagpur

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	0.4	0	0	0	0	0	0	0	0
12-33		0.4	0.4	0.4	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0.4	1.3	0	0.9	0	0	0	0	0	0
79-101		0	0	0	0.4	0	0.4	0.4	0	0	0	0
102-123		0	0	1.3	0.4	0.4	0	0.4	0	0	0	0
124-146		0	0.9	0.4	0.4	0.9	0	0	0	0	0	0
147-168		0	0.9	0.9	0	0.4	0.4	0.4	0	0	0.4	0
168-191		0.9	0	0.4	1.7	1.7	0.4	0	0	0	0	0
192-213		0	0.4	1.7	0.4	2.2	1.7	0.9	1.7	0	1.7	0.9
214-236		0	0	1.3	0	3.5	2.2	2.6	1.7	1.7	3	1.3
237-258		0	0.9	2.6	3	0.9	3.5	4.8	3.9	1.3	3.9	3.9
259-281		0	0.4	0.9	1.3	2.2	0.9	1.7	2.6	0.9	1.3	0.9
282-303		0	0	0.4	2.2	0.4	0.9	0	0.4	0.9	0.4	0.4
304-326		0.4	0	0.4	1.3	0	0	0	0	0	0.4	0
327-348		0	0	0.9	0	0	0	0	0	0	0	0

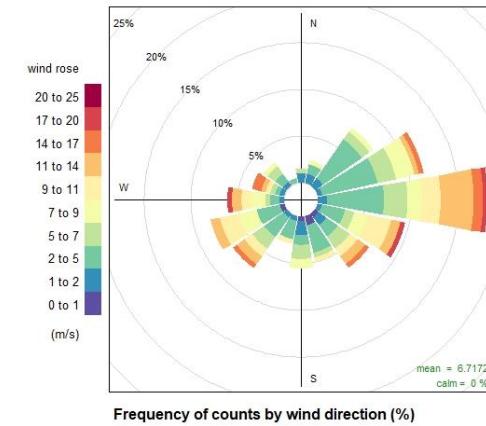


## Nagpur

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		0	1	0	0.5	0	0	0	0	0	0	0
12-33		0	1	1	0	0.5	0	0	0	0	0	0
34-56		0	1	5.1	1	0.5	0	0	0	0	0	0
57-78		0	0.5	6.1	2	2	0	0.5	0.5	0	0	0
79-101		0	1	6.1	2.5	1.5	2	3.5	1	0.5	0	0
102-123		0	0.5	2.5	1	1.5	2.5	1	0	0.5	0	0
124-146		0.5	1	1.5	1.5	0	1	1	0.5	0	0	0
147-168		1	0	3	0.5	0	0.5	0	0	0	0	0
168-191		0.5	1.5	1	1.5	1	0	0	0	0	0	0
192-213		0	0.5	2	0	0	0.5	0	0	0	0	0
214-236		0	0.5	2.5	1.5	0	1	1	0.5	0	0	0
237-258		0.5	0	2.5	0	2	2	1	0	0	0	0
259-281		0	0.5	1	0.5	1.5	1	1	0	0.5	0	0
282-303		0	0.5	0.5	0.5	0	0.5	0.5	1	0	0	0
304-326		0	0.5	1	1	0.5	0	0	0	0	0	0
327-348		0	0	0.5	0	0	0	0	0	0	0	0



## Nagpur

November

1000 hPa level

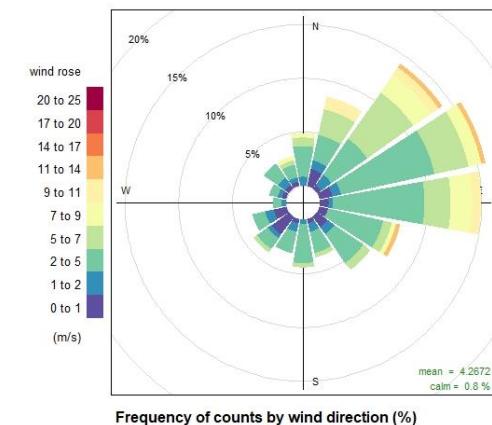
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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		0	0.8	2.8	0.8	0.4	0	0	0	0	0	0
12-33		1.6	0.8	2.4	2.4	0	1.2	0	0	0	0	0
34-56		0.4	1.2	4	5.3	2	0.8	0.4	0	0	0	0
57-78		1.2	0.8	8.9	3.2	1.2	0	0.4	0	0	0	0
79-101		0.8	0.4	8.5	2.4	2	0.8	0	0	0	0	0
102-123		0.8	0	5.3	0.8	0.4	0	0.4	0	0	0	0
124-146		1.2	0.8	3.2	0.8	0	0	0	0	0	0	0
147-168		0.4	0.8	1.6	0.4	0	0	0	0	0	0	0
168-191		0	0.4	4	0.4	0	0	0	0	0	0	0
192-213		0.4	0.8	2	0	0	0	0	0	0	0	0
214-236		2	0.4	1.2	0.4	0	0	0	0	0	0	0
237-258		1.2	0.8	1.2	0	0	0	0	0	0	0	0
259-281		0	0.4	0.8	0	0	0	0	0	0	0	0
282-303		0.4	0.4	0.8	0	0	0	0	0	0	0	0
304-326		0.4	0.8	1.6	0	0	0	0	0	0	0	0
327-348		0.4	0.4	1.2	0.4	0.4	0	0	0	0	0	0

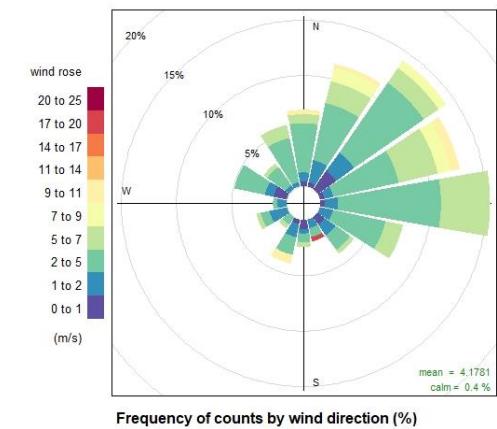


## Nagpur

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	1	0.4	0.8	4.5	0.8	0	0.4	0	0	0	0	0
12-33		0.4	2	5.3	2	1.2	0.4	0	0	0	0	0
34-56		2	2	7.7	1.6	0.8	0	0	0	0	0	0
57-78		0.4	0.8	6.1	3.6	1.2	0.8	0	0	0	0	0
79-101		0.4	1.2	9.3	4.5	0	0	0	0	0	0	0
102-123		0	1.2	4.9	1.6	0	0	0	0	0	0	0
124-146		0.8	1.2	1.6	0.4	0	0	0	0	0	0	0
147-168		0	0.8	0.8	0	0	0	0	0.4	0	0	0
168-191		0.8	0.4	0.8	0.4	0	0	0	0	0	0	0
192-213		0.4	1.2	1.6	0	0	0.8	0	0	0	0	0
214-236		0	0	0.8	0.4	0	0	0	0	0	0	0
237-258		0	1.6	0.8	0.4	0	0	0	0	0	0	0
259-281		0	0.8	0.4	0	0	0	0	0	0	0	0
282-303		1.2	0.8	2.8	0	0	0	0	0	0	0	0
304-326		0	0.4	2	0.4	0	0	0	0	0	0	0
327-348		0	0.4	4	1.2	0	0	0	0	0	0	0

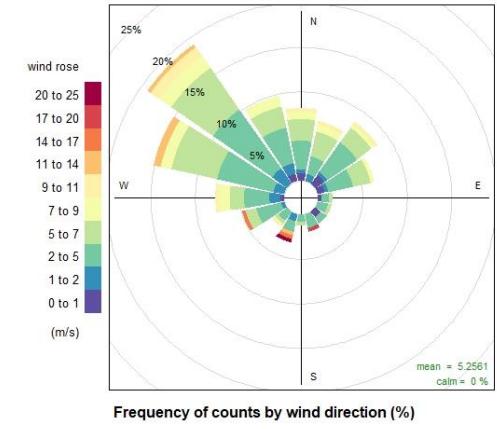


## Nagpur

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	0.8	0.4	3.3	2.4	0.8	0.4	0	0	0	0	0
12-33		0	0.8	2	2.8	0.8	0.4	0	0	0	0	0
34-56		1.2	0.4	4.1	2	0.4	0.4	0	0	0	0	0
57-78		0.8	0.4	2.8	2	0.4	0	0	0	0	0	0
79-101		0.4	0	0.8	0.4	0	0	0	0	0	0	0
102-123		0	0	1.2	0.4	0	0	0	0	0	0	0
124-146		0.8	0	0.8	0	0	0	0	0	0	0	0
147-168		0	0	1.6	0	0	0	0	0.4	0	0	0
168-191		0	0	0.8	0.4	0	0	0	0	0	0	0
192-213		0	0.8	1.2	0	0	0.4	0.4	0	0.4	0	0
214-236		0	0	1.2	0.4	0	0.4	0	0	0	0	0
237-258		0	0.4	2.8	1.2	0	0	0	0.4	0	0	0
259-281		0.4	1.2	2.8	1.6	1.2	0.4	0	0	0	0	0
282-303		0	1.2	6.5	5.3	1.2	0	0.8	0	0	0	0
304-326		0	2	8.1	5.7	1.6	1.2	0.4	0	0	0	0
327-348		0.8	1.2	4.1	2.4	1.2	0	0	0	0	0	0

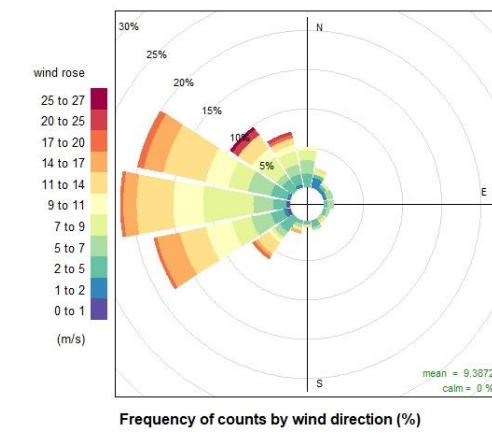


## Nagpur

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	1.7	1.7	1.3	0.4	0	0	0	0	0	0
12-33	0	1.3	0.4	0	0.4	0	0.4	0	0	0	0	0
34-56	0	0.4	0.4	0	0.4	0	0	0	0	0	0	0
57-78	0	0.4	0	0.9	0	0	0	0	0	0	0	0
79-101	0	0	0.4	0.9	0	0	0	0	0	0	0	0
102-123	0	0	0.4	0.4	0	0	0	0	0	0	0	0
124-146	0	0	0	0.4	0	0	0.4	0	0	0	0	0
147-168	0	0	0.9	0.4	0	0	0	0	0	0	0	0
168-191	0	0	0.4	0	0	0	0.4	0	0	0	0	0
192-213	0	0	0.4	0.4	0.4	0	0	0.4	0	0	0	0
214-236	0	0	2.1	0.9	0.4	0.4	1.7	0.4	0.4	0	0	0
237-258	0.4	0.4	1.7	2.6	2.6	3.4	3.4	3	0.4	0	0	0
259-281	0.4	0	1.7	2.6	6.4	3.8	4.7	1.7	0.4	0	0	0
282-303	0	0.4	2.1	3	2.6	3	5.5	2.6	0.9	0	0	0
304-326	0	0	1.7	0.9	2.6	1.3	2.1	0	0	0.9	0.9	0.4
327-348	0	0.4	1.3	1.3	1.7	0.9	0.9	0	0.4	0.4	0.4	0

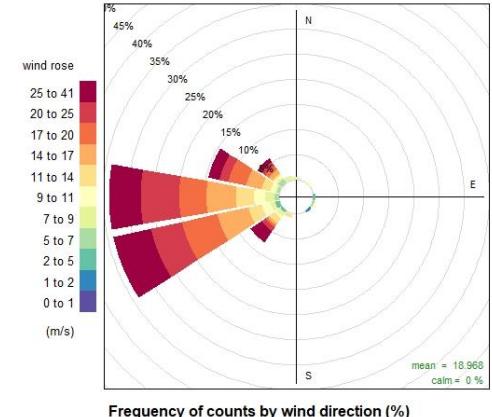


## Nagpur

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	0.5	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	0.5	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0.5	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0.5	0	0.5	0	0	0	0	0	0
124-146	0	0.5	0	0	0	0	0	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	0.5	0	0.5	0	0	0	0	0	0
214-236	0	0	0.5	0	0.9	0.5	1.4	0.5	0.5	0.9	2.7	0
237-258	0	0	0.9	0	0.9	1.8	2.7	6.3	7.2	6.3	7.7	0
259-281	0	0	0	0.9	1.8	2.3	3.6	5.9	5.4	7.7	6.3	0
282-303	0	0	0	0.5	0.5	0.9	1.8	3.2	3.6	1.8	2.3	0
304-326	0	0	0	0.9	0.5	0.5	0.5	0.9	0.9	0.9	0.9	0
327-348	0	0	0	0	0.9	0	0	0	0	0	0	0

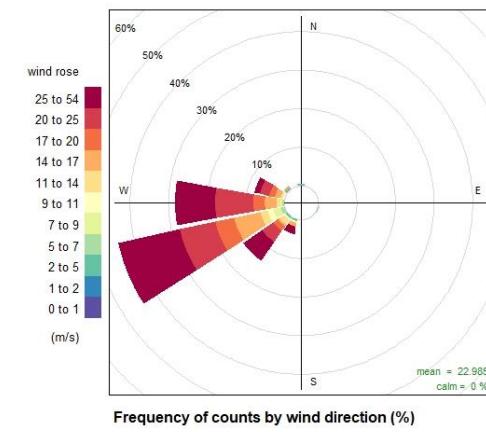


## Nagpur

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	0.5	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	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	0.5	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	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0.5	0	0	0.5	0	1	0	0	0	2
214-236	0	0	0.5	0	0	0.5	1.5	0.5	1.5	3.5	5.9	
237-258	0	0	0	1	2	1.5	2	6.9	5	9.4	16.3	
259-281	0	0	0	0.5	0.5	0	1	3	3	9.9	10.4	
282-303	0	0	0	0	0	0.5	0.5	1.5	1.5	2.5	1.5	
304-326	0	0	0.5	0	0	0	0	0.5	0	0	0	
327-348	0	0	0	0	0	0	0	0	0	0	0	

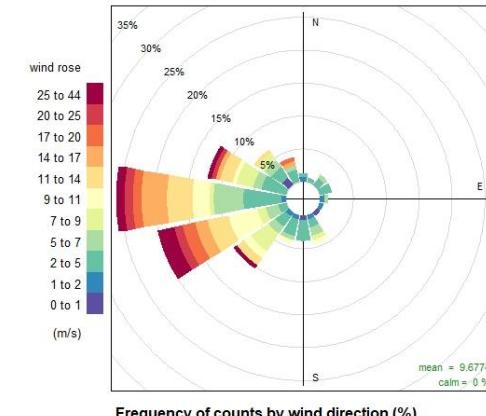


## Nagpur

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	0.6	0.6	0	0	0	0	0	0	0	0	0
12-33	0	0	0.6	0	0	0	0	0	0	0	0	0
34-56	0	0	1.3	0.6	0	0	0	0	0	0	0	0
57-78	0	0	1.9	0	0	0	0	0	0	0	0	0
79-101	0	0.6	0	0.6	0	0	0	0	0	0	0	0
102-123	0	0.6	0	0	0	0	0	0	0	0	0	0
124-146	0.6	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	1.3	1.3	0.6	0.6	0	0	0	0	0	0
168-191	0.6	0.6	3.2	0	0	0	0	0	0	0	0	0
192-213	0	0.6	2.6	0.6	0	0.6	0	0	0	0	0	0
214-236	0	0.6	1.9	1.3	3.2	1.3	1.3	0	0	0	0.6	
237-258	0	0	1.3	1.9	1.3	4.5	3.2	1.9	1.9	1.3	2.6	
259-281	0	0.6	5.8	4.5	0.6	2.6	3.9	3.9	1.3	1.3	1.3	
282-303	0	0	3.9	1.3	2.6	0.6	1.9	0.6	0	0.6	0.6	
304-326	1.3	0	1.9	1.3	1.3	0	0.6	0	0	0	0	
327-348	0	0	1.9	0.6	0	0	0	0.6	0.6	0	0	



## Nagpur

December

1000 hPa level

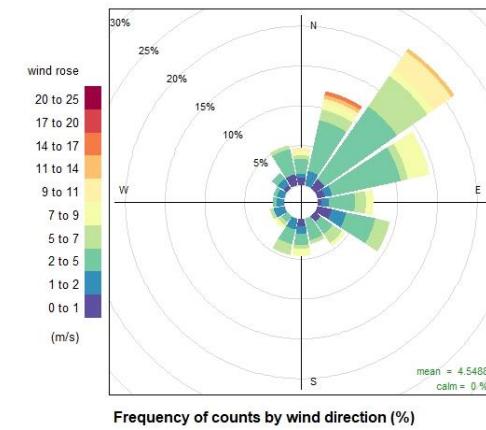
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Nagpur

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		0.9	0.5	1.9	0.5	0.5	0.5	0	0	0	0	0
12-33		0	1.9	6.5	1.4	0.9	0.5	0.5	0.5	0	0	0
34-56		1.4	0	11.2	4.7	0.9	2.8	0.5	0	0	0	0
57-78		0.9	0.9	8.8	0.9	2.8	0	0	0	0	0	0
79-101		0.5	0.9	3.3	1.4	0.9	0	0	0	0	0	0
102-123		1.9	1.9	3.7	1.9	0	0	0	0	0	0	0
124-146		0.9	0	1.9	1.4	0.5	0	0	0	0	0	0
147-168		0	0	2.8	0.5	0	0	0	0	0	0	0
168-191		0.9	0.9	1.4	0.5	0.9	0	0	0	0	0	0
192-213		0	1.4	1.9	1.4	0	0	0	0	0	0	0
214-236		0	0	0.9	0.5	0.5	0	0	0	0	0	0
237-258		0	1.4	0	0.5	0	0	0	0	0	0	0
259-281		0	0.9	0.5	0	0	0	0	0	0	0	0
282-303		0	0.9	0.5	0	0	0	0	0	0	0	0
304-326		0.5	0.9	0.9	0	0	0	0	0	0	0	0
327-348		1.4	0	3.3	0.5	0	0	0	0	0	0	0

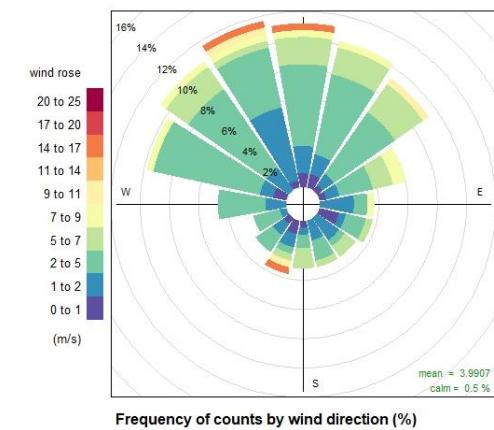


## Nagpur

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		0.9	1.9	5.6	1.9	0.5	0	0	0.5	0	0	0
12-33		0.9	1.4	5.6	1.9	0.5	0	0	0	0	0	0
34-56		0.5	0.9	5.1	2.3	0	0.5	0	0	0	0	0
57-78		0.5	0.9	2.3	1.4	0.9	0	0	0	0	0	0
79-101		0	2.3	0.9	0	0.5	0	0	0	0	0	0
102-123		1.4	0.5	1.4	0.5	0	0	0	0	0	0	0
124-146		0	1.9	0.5	0.9	0	0	0	0	0	0	0
147-168		0	1.4	1.4	0.5	0	0	0	0	0	0	0
168-191		0.5	0.5	0.9	1.4	0	0	0	0	0	0	0
192-213		0.9	0.9	0.5	0.5	0	0.5	0	0	0	0	0
214-236		0.5	0.9	1.4	0	0	0	0	0	0	0	0
237-258		0	0.5	1.9	0	0	0	0	0	0	0	0
259-281		0	1.4	3.3	0	0	0	0	0	0	0	0
282-303		0.9	0.9	7.4	0	0.5	0	0	0	0	0	0
304-326		0	1.9	6.5	1.9	0.5	0	0	0	0	0	0
327-348		0.5	5.1	4.2	0.5	0.5	0.5	0	0.5	0	0	0

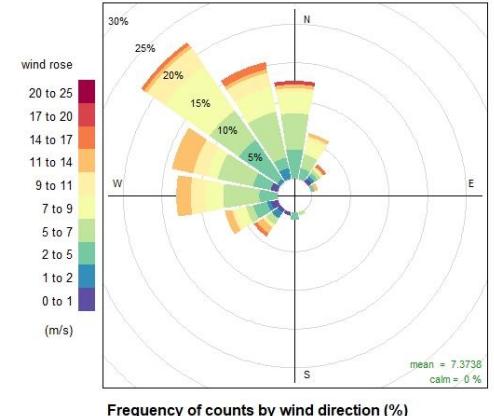


## Nagpur

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	3.7	4.7	2.8	0.5	0.5	0	0.5	0	0
12-33		0	0	1.4	1.9	1.9	0.5	0.5	0	0	0	0
34-56		0.5	0.5	0.5	0	0	0.5	0	0.5	0	0	0
57-78		0	0	0.5	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	0.5	0	0	0	0	0	0	0
168-191		0	0	0.9	0	0	0	0	0	0	0	0
192-213		0.5	0	0	0	0	0	0	0	0	0	0
214-236		0.5	0.9	0	0.9	0	0.5	0.9	0.5	0	0	0
237-258		0.9	0.5	1.9	0.9	1.4	0.5	0.9	0	0	0	0
259-281		0	0	2.3	4.7	2.3	1.9	1.9	0	0	0	0
282-303		0.9	0	2.3	4.7	1.4	1.9	2.8	0	0	0	0
304-326		0	0.5	6.1	4.7	7	2.8	0.5	0.5	0	0	0
327-348		0	1.4	1.4	6.1	3.3	1.9	0.5	0.9	0	0	0

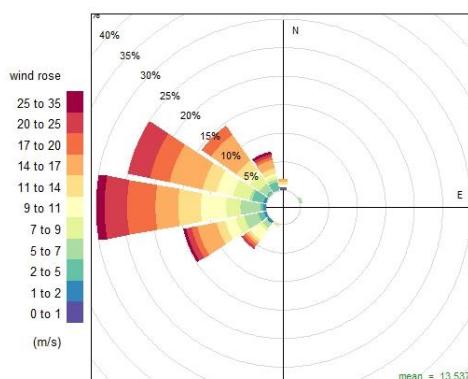


## Nagpur

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	1	0.5	0	0	0	0	0.5	0.5	0.5	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	0.5	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	0.5	0	0	0	0	0
214-236		0	0.5	0	1	0.5	2	0.5	0.5	0.5	0.5	0
237-258		0	0.5	1	2.5	1.5	2	1.5	3.5	1	1	0.5
259-281		0	0.5	0.5	3.5	2.5	4.5	4	4	5	4	1.5
282-303		0	0.5	2	0.5	3	3	2.5	6	3.5	4	0
304-326		0	0	0.5	1.5	2	1	2	5.5	2	0	0
327-348		0	0	1.5	0.5	0.5	1	1.5	0.5	0.5	0.5	0.5

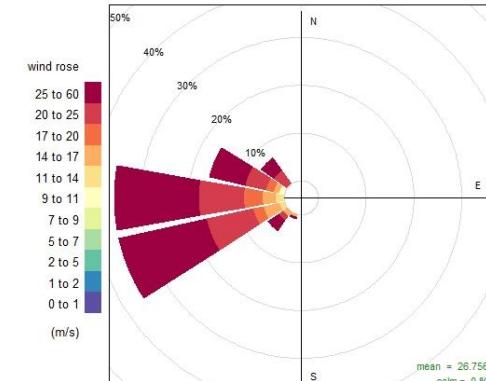


## Nagpur

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	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	0.6	0	0	0.6	0
214-236		0	0	0	0	0	0	1.1	0	1.1	2.8	0
237-258		0	0	0	0	0	1.1	3.3	2.2	10	18.9	0
259-281		0	0	0	0	0	1.7	2.8	3.9	9.4	17.8	0
282-303		0	0	0	0	1.1	0	1.1	1.7	4.4	7.8	0
304-326		0	0	0	0	0	0	0	0	3.3	3.3	0
327-348		0	0	0	0	0	0	0	0	0	0	0

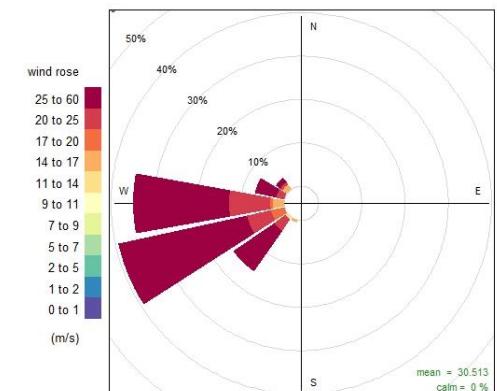


## Nagpur

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	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	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	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	0.6	0	0	0	0
214-236	0	0	0	0	0	0.6	0	0	0	3.2	11.4	
237-258	0	0	0	0	0	0	0	0	0	3.2	5.7	30.4
259-281	0	0	0	0	0	0	0	2.5	0.6	9.5	22.2	
282-303	0	0	0	0	0	0	0	0	0	1.9	5.1	
304-326	0	0	0	0	0	0	0	1.3	0	0.6	1.3	
327-348	0	0	0	0	0	0	0	0	0	0	0	

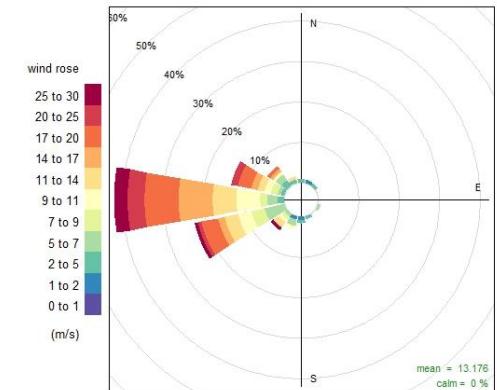


## Nagpur

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	0.8	0	0	0	0	0	0	0	0	0
12-33	0	0.8	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0.8	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	0.8	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	0.8	0	0	0	0	0	0	0	0	0
168-191	0	0.8	0.8	0	0	0	0	0	0	0	0	0
192-213	0	0.8	0	1.7	0	0.8	0	0	0	0	0	0
214-236	0	0	0	0.8	0.8	0.8	1.7	0	0	0	0.8	
237-258	0	0	0	5	3.4	3.4	3.4	1.7	4.2	0.8	0.8	
259-281	0	0	1.7	2.5	1.7	5.9	5.9	8.4	8.4	4.2	3.4	
282-303	0	0	0.8	0.8	1.7	1.7	1.7	1.7	3.4	1.7	0	
304-326	0	0	1.7	1.7	0	0.8	0	0.8	0.8	0	0	
327-348	0	0	0.8	0	0	0	0.8	0	0	0	0	



Nagpur

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Station height

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January

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	979.3	985	972	14.6	20.4	7.4	10.3	14	1.2	-0.3	-1.2	1.7
1000	134	187	82									
950	559	650	410	17.5	28.4	7.4	8.4	50	3	-2.3	-1.9	4.9
925	798	845	710	18	27.8	8	6.3	69	1.7	-1.6	-0.6	4.7
900	1032	1088	968	17	26	5.6	6	140	0.8	-0.5	0.6	4.7
850	1517	1621	1425	14.2	22	2.8	3	247	2.1	1.9	0.8	5.2
800	2026	2106	1908	11.4	19	0.2	-0.4	269	4	4	0.1	6.3
750	2558	2652	2413	8.5	16	-0.5	-3.9	277	5.9	5.9	-0.7	7.9
700	3129	3228	2954	5.8	13.4	-3.3	-9	280	7.6	7.5	-1.3	9.7
650	3729	3860	3530	2.7	12	-5.9	-13.4	281	9.3	9.1	-1.7	11
600	4375	4498	4215	-0.7	9.4	-10.3	-17.8	278	11.7	11.6	-1.6	13.6
550	5069	5200	4900	-4.8	5.6	-13.7	-22.2	276	13.8	13.7	-1.5	15.3
500	5807	5953	5627	-9.5	-0.3	-21.1	-27.1	274	15.9	15.9	-1	17.9
450	6612	6800	6400	-14.9	-6.1	-25.5	-31.7	272	17.8	17.8	-0.6	19.5
400	7493	7696	7287	-21	-11.3	-39.7	-37.5	271	21.4	21.4	-0.2	23.6
350	8467	8684	8233	-27.4	-17.1	-40.7	-41.8	269	23.2	23.2	0.6	24.9
300	9560	9806	9308	-35.1	-25.1	-49.9	-50.5	265	25.2	25.1	2	27.6
250	10808	11089	10494	-44	-27.5	-57.3	-58.7	261	25.1	24.8	3.8	27.5
200	12271	12663	11886	-54.8	-41.7	-65.3	-64.9	259	24.9	24.5	4.6	27.3
175	13116	13528	12695	-60.8	-48.5	-71.1	-73.3	259	21.8	21.4	4.1	23.3
150	14057	14424	13604	-66.8	-52.1	-78.9	-81.1	259	18.6	18.3	3.5	20.5
125	15145	15537	14644	-72.4	-59.9	-82.7		261	14	13.8	2.3	15.1
100	16438	16886	15896	-76.8	-62.9	-87.1		263	12.8	12.7	1.6	14.2
80	17723	18164	17148	-76.8	-60.5	-89.7		265	7.6	7.6	0.6	8.6
70	18503	18983	17923	-73.8	-58.9	-87.1		268	5.4	5.4	0.2	6.9
60	19412	19951	18848	-69.2	-53.9	-81.9		273	3.8	3.8	-0.2	5.2
50	20514	21107	19966	-63.8	-49.7	-75.3		283	2.7	2.6	-0.6	5.7
40	21898	22550	21341	-59	-44.1	-72.9		290	2	1.9	-0.7	5.1
30	23720	24445	23127	-54.8	-42.2	-68.9		284	1.6	1.6	-0.4	4.2
25	24884	25663	24265	-53	-40.3	-66.5		278	1.5	1.5	-0.2	3.7
20	26331	27165	25681	-50.6	-39.2	-63.9		272	3.5	3.5	-0.1	6.3
15	28212	29113	27536	-48.5	-37.3	-57.9		266	2.9	2.9	0.2	4.9
10	30826	31399	30153	-45.8	-34.5	-53.3		267	1.8	1.8	0.1	2.2
7	33317	33841	33043	-43.2	-33.1	-47.5		257	0.9	0.9	0.2	1

## FREEZING LEVEL

P	Height	H_max	H_min
614	4209	5820	2090

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
99	16580	-78.7

Nagpur

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Station height

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February

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	977.5	984	970	16.8	35	9.4	9.8	4	1.3	-0.1	-1.3	1.9
1000	117	175	54									
950	546	650	400	19.6	27.4	10.6	7.9	31	3.3	-1.7	-2.8	5.7
925	787	843	735	20.2	30.4	11.4	6.3	43	1.8	-1.2	-1.3	5.9
900	1021	1080	918	19.3	29.2	9.4	5.6	90	0.5	-0.5	0	5.7
850	1510	1584	1405	16.2	24.9	7.2	3.1	241	2.5	2.2	1.2	5.9
800	2022	2079	1902	12.8	24.7	5.4	0.3	257	4.7	4.6	1.1	7
750	2557	2660	2420	9.2	18.4	2.2	-3	265	6.8	6.8	0.6	8.7
700	3128	3207	3005	5.6	16.6	-3.3	-6.9	271	8.6	8.6	-0.2	10.7
650	3727	3820	3600	2.3	10.4	-7.1	-11.8	276	10.1	10	-1.1	11.8
600	4372	4475	4251	-1.2	8	-12.1	-17.1	278	12.5	12.4	-1.8	14.4
550	5066	5200	4915	-5	5.8	-14.3	-21.5	279	14.7	14.5	-2.2	16.1
500	5803	5935	5680	-9.7	-0.3	-19.5	-26.6	277	17	16.9	-2.1	19
450	6607	6760	6430	-15	-4.5	-22.9	-31.3	276	18.8	18.7	-2.1	20.5
400	7486	7664	7296	-21	-11.5	-30.5	-36.7	274	21.5	21.4	-1.6	23.8
350	8460	8630	8225	-27.5	-14.3	-38.9	-41.7	272	23	23	-1	25
300	9551	9803	9324	-35.3	-24.1	-47.3	-50.7	270	24.2	24.2	0.2	26.9
250	10796	11062	10541	-44.2	-33.1	-57.1	-60	267	23.3	23.3	1.3	26.1
200	12253	12552	11978	-54.7	-43.1	-66.1	-68.9	264	23.6	23.5	2.4	26.4
175	13096	13429	12797	-60.5	-47.3	-73.1		264	20.8	20.7	2.1	22.5
150	14037	14430	13713	-66.3	-51.3	-80.9		265	18	17.9	1.7	19.9
125	15123	15586	14740	-72.1	-56.9	-84.5		265	14	13.9	1.2	14.9
100	16421	16965	15976	-76.7	-62.3	-87.9		266	11.8	11.8	0.8	13.2
80	17703	18300	17197	-76.9	-63.3	-88.1		270	7.3	7.3	0	8.4
70	18475	19086	17954	-74	-56.1	-85.7		267	5.2	5.2	0.3	6.7
60	19383	19969	18853	-69.3	-54.3	-85.5		269	4.4	4.4	0.1	5.5
50	20491	21094	19943	-63.8	-49.7	-79.9		284	2.9	2.8	-0.7	5.1
40	21875	22551	21305	-59.1	-46.9	-76.3		288	2.2	2.1	-0.7	4.4
30	23692	24455	23174	-54.4	-42.7	-66.7		309	1.3	1	-0.8	3.7
25	24851	25539	24307	-52.6	-37.9	-63.5		299	1	0.9	-0.5	2.9
20	26304	26931	25696	-50.5	-38.9	-60.9		277	2.3	2.3	-0.3	4.7
15	28187	28847	27549	-48.5	-35.7	-57.7		270	2.5	2.5	0	4
10	30825	31563	30385	-46.5	-36.3	-53.5		274	1.4	1.4	-0.1	1.6
7	33377	33992	32963	-42.8	-36.3	-49.1		254	0.7	0.7	0.2	0.7

## FREEZING LEVEL

P	Height	H_max	H_min
619	4145	5710	2890

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND ROPOPAUSE

P	Height	Temp
98	16633	-78.7

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Station height

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March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	975.3	981	969	20.8	30.4	13.4	9.5	355	1.1	0.1	-1.1	1.9
1000	95	155	22									
950	528	600	400	23.6	34.8	13.2	7.6	20	3	-1	-2.8	6.1
925	773	823	700	24.4	35.6	12.9	6.2	19	2.4	-0.8	-2.3	6.8
900	1011	1064	928	23.4	34.4	12.6	4.6	12	1.4	-0.3	-1.4	6.2
850	1506	1576	1414	20.2	31.4	10.9	2.6	286	1.9	1.8	-0.5	6.1
800	2025	2122	1926	16.2	29.2	6.8	0.3	269	3.9	3.9	0.1	6.6
750	2562	2670	2460	12	22.8	3.4	-1.9	265	5.7	5.7	0.5	7.6
700	3141	3250	3046	7.3	16.5	-2.5	-5	268	7.1	7.1	0.3	9.5
650	3740	3868	3600	3	12.4	-5.1	-8.9	275	8.4	8.4	-0.7	10.3
600	4388	4520	4135	-1	8.6	-9.3	-14.9	279	9.8	9.7	-1.6	12.1
550	5083	5219	4900	-4.8	6.2	-14.7	-19.9	282	11.2	11	-2.3	13
500	5820	5975	5565	-9.4	0	-19.7	-25.5	280	13	12.8	-2.3	15.3
450	6625	6800	6350	-14.8	-4.9	-25.9	-30.1	279	14.7	14.5	-2.2	16.4
400	7504	7707	7218	-21	-10.1	-32.5	-36.1	277	17.2	17.1	-2	20.1
350	8478	8710	8150	-27.8	-15.9	-39.9	-41.1	274	18.5	18.5	-1.3	20.6
300	9567	9810	9220	-35.5	-23.1	-48.1	-48.8	271	20.3	20.3	-0.3	23.4
250	10811	11105	10430	-44.3	-32.5	-55.9	-58.3	267	20.5	20.5	1.2	23.8
200	12272	12632	11900	-54.1	-41.1	-64.1	-66.2	265	20.4	20.3	1.8	23.2
175	13118	13490	12480	-59.6	-47.3	-68.1	-69.6	265	18.1	18	1.5	19.5
150	14062	14478	13717	-65.5	-53.9	-75.3		266	15.2	15.2	1.1	17.1
125	15155	15610	14790	-71.1	-54.3	-87.5		267	11.3	11.3	0.5	12.3
100	16451	16946	16045	-76.1	-63.3	-87.9		267	9.5	9.5	0.5	10.7
80	17741	18251	17298	-76.1	-55.7	-87.1		270	5.9	5.9	0	7.2
70	18515	19060	18041	-73.2	-51.7	-85.5		273	3.7	3.7	-0.2	5.1
60	19404	19992	18910	-69	-49.9	-80.9		281	2.6	2.6	-0.5	3.9
50	20533	21160	19986	-62.8	-45.9	-78.1		289	2.4	2.3	-0.8	4.6
40	21923	22641	21362	-57.6	-39.3	-73.5		292	1.8	1.7	-0.7	3.8
30	23750	24551	23184	-53.2	-40.1	-68.1		309	1.3	1	-0.8	3.6
25	24914	25769	24352	-51.2	-38.1	-63.3		302	0.9	0.8	-0.5	3.3
20	26357	27123	25775	-49	-35.7	-60.9		283	1.8	1.8	-0.4	5.4
15	28228	29059	27616	-46.6	-28.9	-56.1		264	1.9	1.9	0.2	4.1
10	30863	31512	30226	-44.4	-31.3	-53.9		249	0.9	0.8	0.3	1.7
7	33310	33433	32980	-44.2	-38.1	-47.3		284	0.4	0.4	-0.1	0.7

## FREEZING LEVEL

P	Height	H_max	H_min
612	4239	6510	3090

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
97	16689	-78

Nagpur

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Station height

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April

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	972.5	979	966	25.4	33	17	10.9	304	1.1	0.9	-0.6	2.2
1000	66	128	4					0	0	0	0	0
950	505	600	400	27.3	38.2	18.4	9.1	306	2.9	2.3	-1.7	7
925	755	806	696	28	37.8	16.2	7.6	301	2.9	2.5	-1.5	7.9
900	995	1225	893	26.9	36.8	16.4	6	303	3.1	2.6	-1.7	7.7
850	1496	1722	1398	23.7	33.6	12.1	3.4	297	3.4	3	-1.5	7
800	2021	2087	1948	19.6	30.2	6.8	1.2	288	3.5	3.3	-1.1	6.2
750	2561	2651	2450	15	25.4	-1.1	-1	280	4	3.9	-0.7	6.2
700	3149	3245	3013	9.9	20.8	-3.1	-3.3	270	4.6	4.6	0	7
650	3752	3871	3630	4.8	15	-7.1	-6.2	269	5.5	5.5	0.1	7.6
600	4404	4537	4257	-0.2	11	-11.3	-10.3	275	6.5	6.5	-0.6	8.9
550	5099	5270	4920	-4.2	8.8	-14.9	-16.7	284	7.6	7.4	-1.9	9.7
500	5841	6024	5637	-8.4	3.2	-18.3	-22.5	285	9.3	9	-2.4	11.6
450	6649	6880	6418	-13.6	-1.1	-22.5	-27.2	282	11	10.8	-2.3	13.1
400	7536	7768	7281	-19.8	-6.3	-30.1	-33.2	278	13.4	13.3	-1.9	16.1
350	8513	8790	8240	-26.6	-13.3	-38.5	-38.5	275	15.4	15.3	-1.3	17.6
300	9609	9934	9316	-34.2	-22.7	-48.1	-45.9	270	17.4	17.4	0	20.7
250	10861	11244	10539	-43.1	-30.9	-55.9	-55.2	265	18.7	18.6	1.5	22.2
200	12332	12852	11965	-53	-41.1	-64.9	-65.1	262	21	20.8	3.1	24.4
175	13183	13690	12786	-58.3	-46.1	-70.7	-62.4	261	18.5	18.3	2.8	20.6
150	14132	14685	13695	-64.2	-50.5	-76.3		260	15.5	15.3	2.6	17.7
125	15234	15840	14805	-70.3	-58.5	-85.9		263	11.2	11.1	1.4	12.6
100	16535	17205	16104	-75.5	-63.1	-88.1		265	8.4	8.4	0.7	11
80	17816	18259	17358	-75.8	-58.3	-87.5		270	3.1	3.1	0	6.3
70	18593	19023	18100	-72.5	-52.5	-85.5		276	1.9	1.9	-0.2	5.3
60	19510	19968	19008	-68.1	-50.1	-81.1		336	1	0.4	-0.9	4.1
50	20623	21165	20111	-62.1	-45.9	-76.7		13	1.3	-0.3	-1.3	4.9
40	22022	22687	21428	-56.7	-39.5	-73.1		45	1.4	-1	-1	4.4
30	23868	24490	23192	-51.7	-38.3	-69.1		30	0.8	-0.4	-0.7	4
25	25046	25690	24330	-49.5	-34.7	-67.1		53	0.5	-0.4	-0.3	3.6
20	26511	27256	25753	-47.1	-29.1	-65.1		27	0.4	-0.2	-0.4	5.8
15	28411	29020	27646	-44.3	-26.3	-62.1		270	0.2	0.2	0	4.5
10	31129	31775	30534	-41.5	-29.7	-57.9		257	0.9	0.9	0.2	1.9
7	33528	33849	33165	-40.8	-35.5	-47.3		270	0.3	0.3	0	0.7

## FREEZING LEVEL

P	Height	H_max	H_min
599	4425	6500	2410

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
95	16870	-77.7

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Station height

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May

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	969.4	979	962	29	37.6	21.4	14.6	299	1.8	1.6	-0.9	2.8
1000	35	109	-34									
950	478	580	300	29.4	37.8	17.6	13.1	304	5.2	4.3	-2.9	8.3
925	727	782	650	29.7	41.2	18.2	11.8	306	6.8	5.5	-4	10.2
900	971	1032	896	28.5	44	12.2	10.3	310	6.2	4.8	-4	9.6
850	1475	1532	1403	25.5	40	11.6	7.4	311	5.6	4.2	-3.7	8.7
800	2004	2086	1905	21.6	35.2	11	4.9	313	4.5	3.3	-3.1	7.3
750	2549	2664	2450	17.1	28.8	5.2	2.6	315	3.7	2.6	-2.6	6.3
700	3141	3258	3037	12.2	26.6	1.8	0	314	3	2.2	-2.1	6.4
650	3750	3881	3630	6.9	18.2	-2.5	-3.3	311	2.8	2.1	-1.8	6.4
600	4408	4555	4221	1.7	10.3	-7.7	-7.3	310	3.1	2.4	-2	6.7
550	5108	5267	4914	-2.7	7.4	-13.1	-12.6	311	4	3	-2.6	6.9
500	5853	6040	5663	-6.6	3.6	-17.3	-18.1	312	5.1	3.8	-3.4	8.1
450	6671	6872	6478	-11	2.6	-21.5	-23.3	304	6	5	-3.4	9
400	7564	7825	7358	-16.5	-3.3	-28.5	-28.1	296	7	6.3	-3.1	10.5
350	8555	8804	8320	-22.9	-10.9	-35.1	-33.9	284	7.9	7.7	-1.9	11.2
300	9669	9943	9396	-30.6	-19.3	-41.9	-41.2	271	8.9	8.9	-0.2	12.3
250	10940	11245	10615	-39.7	-28.3	-51.9	-50.1	261	9.6	9.5	1.5	13.1
200	12430	12874	12046	-50.8	-40.1	-64.5	-62.6	250	10.1	9.5	3.4	13.7
175	13288	13769	12874	-57.3	-45.9	-70.1	-65.9	245	8.8	8	3.7	12.1
150	14243	14766	13798	-64.3	-50.1	-77.1		238	6.8	5.8	3.6	10.3
125	15337	15903	14856	-71.2	-56.1	-86.1		229	3.8	2.9	2.5	8.2
100	16634	17249	16026	-76.9	-67.3	-89.1		148	1.9	-1	1.6	8.4
80	17912	18581	17364	-76.6	-58.1	-89.7		93	3.9	-3.9	0.2	6.6
70	18685	19210	18107	-72.6	-57.9	-88.9		81	4.6	-4.5	-0.7	6.4
60	19527	19951	18993	-67.5	-52.7	-86.1		81	5	-4.9	-0.8	6.2
50	20715	21298	20079	-61.4	-44.3	-75.5		82	6.5	-6.4	-0.9	7.9
40	22121	22751	21430	-56.1	-43.7	-70.3		85	6.4	-6.4	-0.6	7.3
30	23962	24655	23192	-51	-37.7	-67.1		85	6.4	-6.4	-0.6	7.3
25	25141	25850	24300	-48.8	-36.7	-62.1		88	6.3	-6.3	-0.2	6.9
20	26629	27409	25754	-46.2	-33.9	-58.5		89	9.3	-9.3	-0.1	10.4
15	28540	29240	27665	-44.1	-31.1	-54.1		91	7.3	-7.3	0.1	7.9
10	31254	32078	30540	-40.9	-27.7	-50.3		92	2.6	-2.6	0.1	3
7	33631	34008	33254	-38.7	-28.7	-48.3		90	0.7	-0.7	0	1

## FREEZING LEVEL

P	Height	H_max	H_min
580	4695	6680	3270

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
96	16894	-78.8

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Station height

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June

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	966.6	975	904	27.4	35.4	22	20.5	270	2.3	2.3	0	2.9
1000	12	89	-55									
950	451	545	300	27.1	38	19.2	19.7	274	5.6	5.6	-0.4	7.8
925	701	784	630	26.5	38.2	18.8	18.3	281	6.9	6.8	-1.3	9.8
900	942	1029	870	25.5	37.6	17.2	17.3	290	7.7	7.3	-2.6	10.3
850	1442	1536	1363	22.8	34.2	12.8	14.7	299	7.2	6.3	-3.5	9.8
800	1968	2075	1880	19.6	29	10.2	11.9	305	5.4	4.4	-3.1	8
750	2516	2628	2350	15.9	25.9	7.2	8.9	314	3.7	2.7	-2.6	6.9
700	3102	3216	2991	12	22.2	3.4	5.6	332	2.7	1.3	-2.4	6.5
650	3716	3842	3600	7.9	16.8	-0.7	1.7	344	2.5	0.7	-2.4	6.4
600	4374	4511	4246	3.8	12.8	-5.3	-2.1	352	2.2	0.3	-2.2	6
550	5083	5224	4942	-0.2	10.2	-9.9	-5.9	354	1.8	0.2	-1.8	5.5
500	5833	5993	5696	-4	6.6	-13.1	-10.5	360	1.4	0	-1.4	5.2
450	6660	6825	6500	-8.1	2	-17.3	-15.5	5	1.1	-0.1	-1.1	5.1
400	7564	7746	7400	-13.2	-3.9	-21.5	-21.3	31	1.2	-0.6	-1	5.1
350	8566	8785	8375	-19.5	-9.5	-28.3	-27.8	66	1.2	-1.1	-0.5	5
300	9698	9949	9480	-27.3	-16.9	-36.7	-35.7	87	1.7	-1.7	-0.1	5.2
250	10985	11289	10758	-37	-25.1	-49.1	-45	94	2.8	-2.8	0.2	6
200	12487	12844	12181	-49.3	-39.5	-59.1	-57.4	98	4.9	-4.9	0.7	8.4
175	13348	13745	13009	-56.4	-45.1	-67.5	-62.6	96	6.2	-6.2	0.7	9.4
150	14309	14758	13936	-64.2	-52.1	-75.3	-75.5	95	7.9	-7.9	0.7	10.6
125	15400	15919	14998	-72.3	-59.5	-87.7		92	9.1	-9.1	0.3	11.2
100	16695	17289	16303	-77.8	-65.5	-87.3		90	13.5	-13.5	0	15.3
80	17978	18612	17571	-75.8	-57.9	-86.9		87	11.8	-11.8	-0.6	12.5
70	18745	19396	13880	-71.5	-53.9	-84.1		84	11	-10.9	-1.2	11.8
60	19409	19994	19226	-66	-47.1	-84.1		83	9.9	-9.8	-1.2	10.4
50	20801	21461	20308	-61	-39.1	-82.3		86	12.8	-12.8	-1	13.5
40	22208	22869	21653	-56.4	-42.5	-80.1		86	11.4	-11.4	-0.8	11.8
30	24042	24545	23452	-52	-39.5	-70.9		86	10.8	-10.8	-0.7	11.2
25	25217	25761	24680	-49.8	-37.9	-67.5		88	10.4	-10.4	-0.4	10.7
20	26675	27273	26036	-47.6	-31.5	-63.9		89	18.3	-18.3	-0.4	18.6
15	28568	29208	27930	-45.3	-32.1	-59.5		88	14.6	-14.6	-0.4	14.8
10	31283	32059	30684	-42.8	-31.7	-52.7		86	6	-6	-0.4	6.1
7	33780	34305	33028	-39.7	-28.1	-47.1		84	2.8	-2.8	-0.3	2.8

## FREEZING LEVEL

P	Height	H_max	H_min
551	5078	6500	3570

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
98	16851	-79.7

Nagpur

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Station height

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July

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	966.9	974	955	25	29.8	21	22.8	262	2.1	2.1	0.3	2.5
1000	17	81	-76									
950	452	522	300	24.4	32	18.4	21.9	270	5.8	5.8	0	7.3
925	695	757	580	23.6	31.2	18.8	20.6	278	7.5	7.4	-1	9.5
900	938	998	848	22.6	31	14.4	19.7	283	8.2	8	-1.9	10.2
850	1434	1497	1342	20.1	27	12.4	17.3	289	8.5	8	-2.8	10.5
800	1955	2024	1862	17.2	24	10.6	14.5	289	7.2	6.8	-2.3	9.4
750	2503	2600	2380	14.2	21	6.8	11.5	287	5.6	5.4	-1.6	8.2
700	3083	3163	2981	11.2	18.6	5	8	287	4.4	4.2	-1.3	7.4
650	3699	3800	3550	8	15.2	1	4	294	3	2.7	-1.2	6.5
600	4356	4452	4223	4.5	12.4	-3.7	0.1	311	1.8	1.4	-1.2	6
550	5071	5200	4900	0.8	7.6	-7.5	-4.1	333	0.9	0.4	-0.8	5.4
500	5821	5945	5673	-3.1	6.6	-12.5	-8.4	41	0.9	-0.6	-0.7	5
450	6652	6800	6500	-7.4	2	-17.1	-13.6	77	1.7	-1.7	-0.4	5
400	7558	7713	7398	-12.8	-3.5	-22.5	-19.7	83	3.2	-3.2	-0.4	5.7
350	8562	8742	8380	-19.3	-10.3	-29.5	-26.7	89	4.6	-4.6	-0.1	6.2
300	9695	9920	9516	-27.1	-17.6	-36.1	-34.9	88	6.5	-6.5	-0.2	7.6
250	10982	11250	10763	-37	-27.1	-49.3	-44.5	87	8.9	-8.9	-0.4	10
200	12486	12810	12213	-49.5	-34.9	-62.7	-56.2	84	14	-13.9	-1.4	15.5
175	13347	13704	13030	-56.8	-35.7	-70.1	-62.1	82	15.8	-15.7	-2.1	17.8
150	14304	14708	13930	-64.7	-52.1	-77.5	-68.3	82	17.3	-17.1	-2.5	19.3
125	15397	15866	14972	-72.7	-59.1	-86.1		83	17.9	-17.8	-2.2	19.8
100	16689	17218	16213	-77.2	-61.5	-89.1		86	23.3	-23.2	-1.6	25.2
80	17980	18377	17460	-73.5	-59.5	-88.5		85	18.5	-18.4	-1.7	19.1
70	18773	19190	18252	-69.2	-52.3	-83.5		84	16.2	-16.1	-1.8	16.9
60	19360	19995	19163	-64.8	-48.5	-79.5		84	14.3	-14.2	-1.6	14.9
50	20830	21289	20238	-60.7	-46.4	-73.1		84	18.7	-18.6	-1.8	19.6
40	22237	22733	21591	-56.9	-39.5	-71.3		85	16.8	-16.7	-1.4	17.1
30	24074	24630	23347	-52.8	-38.9	-66.9		87	17	-17	-0.9	17.2
25	25235	25847	24400	-51.1	-38.7	-63.3		89	15.7	-15.7	-0.4	15.9
20	26695	27339	25869	-49	-36.5	-83.5		88	25.1	-25.1	-0.8	25.3
15	28584	29314	27991	-46.8	-33.9	-59.3		88	19.2	-19.2	-0.8	19.4
10	31287	32019	30597	-44	-32.1	-56.3		85	10.4	-10.4	-0.9	10.5
7	33848	34476	33259	-41.6	-30.7	-50.9		81	5.1	-5	-0.8	5.1

## FREEZING LEVEL

P	Height	H_max	H_min
540	5235	6860	3200

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
103	16574	-79.1

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Station height

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August

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	967.9	975	950	24.4	27.2	20	22.5	275	2.2	2.2	-0.2	2.6
1000	26	116	-69									
950	462	550	300	23.8	29.8	18.6	21.8	283	5.8	5.7	-1.3	7.4
925	708	769	625	22.9	31.6	16.8	20.2	289	6.9	6.5	-2.3	9.2
900	946	1010	859	22	30.6	16	19.3	296	7.7	6.9	-3.4	9.8
850	1441	1507	1352	19.4	25.4	13.4	16.8	302	7.5	6.3	-4	10
800	1961	2031	1869	16.6	23	8.8	14.1	301	6.3	5.4	-3.3	8.9
750	2507	2600	2380	13.8	20	6.4	11.1	301	5	4.3	-2.6	7.8
700	3087	3182	2977	10.9	16.6	3.8	7.6	305	3.9	3.2	-2.2	6.7
650	3702	3808	3580	7.9	15.8	1	3.6	314	2.8	2	-1.9	5.9
600	4359	4483	4226	4.6	15.8	-2.1	-0.6	327	2	1.1	-1.7	5.6
550	5072	5210	4900	1	8.2	-5.7	-4.6	356	1.4	0.1	-1.4	5.3
500	5826	5948	5675	-2.9	4	-10.5	-9.1	45	1.4	-1	-1	5.3
450	6655	6800	6460	-7.5	4.8	-15.5	-14.3	72	2.2	-2.1	-0.7	5.3
400	7562	7710	7355	-13	-4.7	-24.5	-20.5	83	3.5	-3.5	-0.4	5.9
350	8563	8750	8300	-19.4	-11.7	-33.3	-27.4	88	5.1	-5.1	-0.2	6.7
300	9696	9890	9390	-27.3	-16.9	-42.5	-35.7	89	6.8	-6.8	-0.1	8
250	10983	11207	10678	-37.3	-26.7	-55.7	-45.5	87	8.7	-8.7	-0.5	9.8
200	12485	12752	12154	-49.9	-40.5	-60.1	-58.5	86	13.3	-13.3	-1	15
175	13342	13684	12983	-57.3	-47.9	-69.3	-64.1	84	15.2	-15.1	-1.7	17.2
150	14298	14645	13908	-65.2	-50.9	-77.7	-70.8	83	16.8	-16.7	-2.1	18.9
125	15386	15768	14962	-73.2	-59.3	-86.7		84	17.5	-17.4	-1.8	19.5
100	16680	17096	16340	-76.8	-59.9	-89.1		88	21.2	-21.2	-0.6	23.1
80	17976	18377	17651	-72.1	-54.5	-84.3		85	16.3	-16.2	-1.3	17.3
70	18776	19140	18439	-68.1	-55.5	-81.5		82	14.5	-14.4	-2	15.5
60	19454	19988	19310	-64.2	-50.3	-78.5		82	12.4	-12.3	-1.8	13.5
50	20837	21604	20411	-60.4	-45.3	-73.9		84	17	-16.9	-1.9	18.3
40	22242	22904	21849	-56.5	-43.1	-66.3		87	16.9	-16.9	-1	18
30	24076	24822	23631	-53	-35.9	-66.1		87	15.7	-15.7	-0.8	16.4
25	25245	25809	24790	-51.4	-34.9	-64.1		89	15.3	-15.3	-0.4	15.8
20	26710	27374	26235	-49.1	-31.9	-61.9		89	26.8	-26.8	-0.4	27.2
15	28604	29321	28129	-46.6	-32.3	-60.9		89	19.8	-19.8	-0.3	20.3
10	31257	31939	30797	-44.4	-29.3	-57.1		84	5.9	-5.9	-0.6	6.2
7	33661	33949	33166	-41.8	-36.1	-47.1		83	1.6	-1.6	-0.2	1.7

## FREEZING LEVEL

P	Height	H_max	H_min
538	5263	6550	3810

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
104	16478	-78.9

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Station height

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September

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	971.1	978	957	23.8	27	19.4	21.8	297	1.3	1.2	-0.6	2.1
1000	55	109	-42									
950	490	560	330	24	31.4	19.8	20.7	309	3.8	3	-2.4	6.3
925	735	787	642	23.6	33.2	17.6	19	315	4	2.8	-2.8	7.1
900	976	1089	880	22.7	31.8	15	18	315	4	2.8	-2.8	7.1
850	1471	1589	1369	19.9	27.6	13.2	15	321	3.6	2.3	-2.8	6.9
800	1991	2071	1823	16.8	23.8	11.2	11.9	326	2.9	1.6	-2.4	6.4
750	2532	2628	2364	13.5	21.4	7.8	8.2	331	2.5	1.2	-2.2	6.2
700	3116	3210	2938	10.2	18.2	1.2	4.4	336	2.2	0.9	-2	5.8
650	3726	3824	3600	6.9	15.4	-2.3	0.4	335	1.7	0.7	-1.5	5.4
600	4382	4484	4062	3.6	11.8	-4.9	-3.4	330	0.8	0.4	-0.7	5
550	5091	5210	4950	0.1	7.6	-6.5	-7.3	342	0.3	0.1	-0.3	4.8
500	5843	5972	5715	-3.7	3.6	-11.3	-12	56	0.4	-0.3	-0.2	4.8
450	6669	6808	6510	-8.3	-0.9	-17.8	-17	84	0.9	-0.9	-0.1	4.6
400	7574	7773	7398	-13.8	-6.7	-22.9	-22.7	90	1.8	-1.8	0	4.8
350	8574	8770	8400	-20.4	-12.9	-30.7	-29.4	95	2.4	-2.4	0.2	5
300	9702	9898	9482	-28.3	-19.5	-40.7	-37.4	97	3.3	-3.3	0.4	5.3
250	10983	11210	10710	-38.4	-25.9	-52.5	-46.8	97	3.9	-3.9	0.5	5.9
200	12476	12747	12107	-50.8	-36.3	-65.7	-59.1	99	6.6	-6.5	1	8.9
175	13332	13631	12906	-57.9	-46.1	-71.7	-64.8	95	7.5	-7.5	0.7	9.7
150	14285	14616	13801	-65.6	-54.3	-77.3	-62.7	93	8.6	-8.6	0.5	10.6
125	15372	15741	14840	-73.3	-62.3	-86.5		94	8.7	-8.7	0.6	10.2
100	16662	17063	16141	-76.7	-61.3	-86.1		91	11.5	-11.5	0.3	12.8
80	17963	18363	17492	-72.1	-56.9	-83.9		86	9.6	-9.6	-0.7	10.4
70	18767	19168	18324	-67.6	-53.3	-80.1		81	8.9	-8.8	-1.4	9.8
60	19369	19999	19223	-63.6	-48.7	-74.3		81	8.7	-8.6	-1.3	9.4
50	20825	21233	20206	-59.7	-40.5	-70.1		83	11.8	-11.7	-1.4	13.1
40	22230	22756	21565	-56.1	-38.9	-64.3		85	11.5	-11.5	-1	12.4
30	24066	24572	23317	-52.2	-38.5	-61.9		86	12.3	-12.3	-0.8	13.2
25	25249	25803	24500	-50.3	-36.1	-58.5		87	11.8	-11.8	-0.6	12.5
20	26711	27304	25923	-48.5	-30.7	-59.7		90	19	-19	0	19.8
15	28585	29110	27776	-46.4	-31.7	-58.7		90	14.2	-14.2	0.1	14.6
10	31324	32051	30399	-43.5	-32.9	-54.3		84	4.4	-4.4	-0.5	4.6
7	33610	33920	33388	-43.1	-38.3	-47.7		77	0.9	-0.9	-0.2	1

## FREEZING LEVEL

P	Height	H max	H min
550	5100	6500	3350

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
105	16443	-78.6

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Station height

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October

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	975.5	982	965	20.8	28.2	14	18.4	6	1	-0.1	-1	1.6
1000	97	154	-1									
950	530	700	391	22.7	29.8	11.2	16	27	2.8	-1.3	-2.5	5
925	775	828	630	23.2	34	12	14.8	52	3.1	-2.4	-1.9	5.4
900	1013	1080	919	21.8	32	11.8	12.4	53	2.6	-2.1	-1.6	5.3
850	1506	1576	1410	18.5	27.8	8.8	8.9	49	3	-2.3	-2	5.6
800	2022	2094	1924	15	23	4.6	5.4	34	3.4	-1.9	-2.8	5.9
750	2561	2635	2430	11.5	19.4	1.8	2.1	23	3.4	-1.3	-3.1	6
700	3139	3222	3011	8.3	17	-1.5	-1.7	15	2.8	-0.7	-2.7	6
650	3747	3846	3608	5.5	13.6	-3.3	-5.2	5	2.1	-0.2	-2.1	5.6
600	4397	4511	4090	2.5	10.8	-8.9	-8.9	343	1.4	0.4	-1.3	5.7
550	5100	5220	4950	-1.1	7	-9.3	-12.5	305	1.2	1	-0.7	5.6
500	5850	5986	5712	-5.4	2.8	-14.3	-16.9	279	1.9	1.9	-0.3	6.2
450	6668	6814	6500	-10.4	-1.9	-20.5	-22.2	270	2.7	2.7	0	6.6
400	7566	7718	7389	-16.2	-7.1	-24.5	-27.8	263	3.8	3.8	0.5	7.4
350	8554	8742	8350	-23	-13.3	-32.9	-34.5	252	4.9	4.7	1.5	8
300	9670	9888	9433	-31.1	-19.9	-43.9	-42.2	250	6.3	5.9	2.2	8.8
250	10936	11203	10667	-40.9	-29.3	-52.9	-51.9	242	7.2	6.3	3.4	9.3
200	12413	12758	12086	-52.9	-40.7	-65.7	-63.7	232	7.7	6.1	4.7	10.2
175	13261	13655	12883	-59.8	-47.3	-73.3	-64.2	228	6.7	5	4.5	9.3
150	14209	14655	13762	-67	-55.1	-82.5	-83.5	219	4.9	3.1	3.8	7.8
125	15289	15800	14766	-73.9	-62.9	-86.1		198	2.8	0.9	2.7	6
100	16580	17143	15999	-77	-62.3	-88.5		130	2.3	-1.8	1.5	5.6
80	17875	18335	17270	-72.6	-57.3	-85.5		88	2.9	-2.9	-0.1	4.6
70	18670	19141	18055	-68.3	-56.7	-81.7		82	3.5	-3.5	-0.5	4.7
60	19556	19996	18976	-64	-53.5	-77.5		80	4	-3.9	-0.7	4.8
50	20734	21264	20082	-60.2	-48.3	-74.1		82	6	-5.9	-0.8	6.9
40	22142	22729	21471	-56.5	-44.3	-70.1		85	6.1	-6.1	-0.5	6.9
30	23991	24645	23416	-52.6	-38.9	-62.1		84	6.4	-6.4	-0.7	7
25	25174	25867	24558	-50.4	-36.6	-61.5		87	6.2	-6.2	-0.3	6.6
20	26630	27774	25978	-48.6	-33.5	-60.7		89	9.6	-9.6	-0.1	10.3
15	28537	29474	27908	-46.1	-31.3	-58.3		88	7.5	-7.5	-0.2	8.1
10	31226	32157	30510	-43.9	-31.1	-55.9		87	2.1	-2.1	-0.1	2.4
7	33594	34093	33086	-42.7	-37.9	-50.3		99	0.6	-0.6	0.1	0.6

## FREEZING LEVEL

P	Height	H max	H min
569	4846	6380	2370

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
106	16297	-79

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Station height

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November

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	978.8	984	972	16.5	23.8	9.4	12.8	17	1.4	-0.4	-1.3	1.7
1000	128	176	66									
950	554	650	410	19.9	28.2	11.4	10.8	48	3.6	-2.7	-2.4	5
925	797	835	720	20.7	27.4	11.6	9.3	68	3.2	-3	-1.2	5.1
900	1033	1148	963	19.1	28.2	11.2	7.3	68	3.1	-2.9	-1.2	4.9
850	1520	1636	1425	15.8	25.6	9	4.2	53	2.6	-2.1	-1.6	5
800	2032	2148	1964	12.6	22.8	5.6	1	24	2.4	-1	-2.2	5.1
750	2567	2680	2420	10.1	20	1.8	-2.4	353	2.5	0.3	-2.5	5.5
700	3141	3262	3055	7.7	15.2	-1.5	-6.4	332	3	1.4	-2.6	5.8
650	3747	3890	3600	4.9	12.2	-6.7	-9.4	315	3.3	2.3	-2.3	6.2
600	4396	4528	4297	1.5	11.4	-7.3	-13.6	303	4.2	3.5	-2.3	7.1
550	5096	5210	4960	-2.4	6.8	-10.5	-17.8	295	5.3	4.8	-2.2	8.2
500	5840	5970	5719	-7.2	-0.3	-16.3	-22.1	285	6.7	6.5	-1.8	9.6
450	6651	6800	6500	-12.6	-3.9	-22.1	-27.2	280	8.7	8.6	-1.5	11.4
400	7542	7698	7394	-18.7	-7.5	-28.3	-32.8	275	11.1	11.1	-0.9	13.9
350	8522	8720	8343	-25.5	-13.5	-36.7	-39	270	13.8	13.8	0.1	16.5
300	9624	9865	9388	-33.3	-20.3	-46.3	-46.2	264	15.7	15.6	1.6	18.4
250	10880	11176	10572	-42.9	-31.1	-55.3	-57.9	258	17.6	17.2	3.8	20.2
200	12348	12696	11961	-54.3	-41.7	-66.1	-69.9	251	19	17.9	6.3	21.5
175	13192	13582	12763	-60.7	-48.7	-74.7		250	17	15.9	5.9	19.3
150	14137	14579	13668	-67	-54.7	-79.5		252	13.9	13.2	4.4	15.9
125	15220	15712	14740	-73	-61.3	-84.5		256	9.5	9.2	2.3	11.1
100	16514	17138	15959	-76.9	-65.1	-89.7		262	7.1	7	1	9.1
80	17804	18425	17219	-74.9	-56.7	-90.3		267	2.1	2.1	0.1	4.9
70	18589	19199	18050	-71.4	-50.7	-88.1		297	0.9	0.8	-0.4	4.1
60	19414	19980	18920	-66.8	-46.3	-84.5		301	0.6	0.5	-0.3	3.5
50	20628	21228	20054	-61.9	-46.2	-77.1		31	0.6	-0.3	-0.5	3.6
40	22028	22701	21376	-57.5	-39.9	-71.9		58	1.3	-1.1	-0.7	3.7
30	23854	24548	23156	-53.5	-39.2	-65.1		75	1.6	-1.5	-0.4	3.5
25	25030	25769	24330	-51.3	-31.6	-62.9		86	1.3	-1.3	-0.1	3.3
20	26466	27282	25761	-49.4	-35.1	-58.3		93	1.7	-1.7	0.1	4.8
15	28342	29055	27597	-47.4	-30.1	-55.9		111	0.9	-0.8	0.3	3.7
10	30965	31828	30209	-44.8	-31.5	-54.3		0	0	0	0	1.9
7	33380	33684	32500	-42.2	-34.7	-50.5		243	0.2	0.2	0.1	0.5

## FREEZING LEVEL

P	Height	H_max	H_min
583	4637	6400	2900

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
101	16508	-78.3

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Station height

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December

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	980.4	985	973	13.8	20.2	6.2	9.8	15	1.1	-0.3	-1.1	1.5
1000	144	186	82									
950	565	660	400	17.9	29	10	7.8	50	3.4	-2.6	-2.2	4.9
925	807	847	751	18.5	28.4	11.6	5.7	63	2.8	-2.5	-1.3	4.7
900	1041	1149	964	17.1	26.6	9.6	4.8	73	2.1	-2	-0.6	4.5
850	1526	1596	1447	14.3	22.8	6	1.7	30	0.8	-0.4	-0.7	4.6
800	2035	2107	1961	11.9	22.4	4.7	-2.1	320	1.7	1.1	-1.3	5.1
750	2571	2680	2470	9.8	20.6	2.4	-5.7	308	2.9	2.3	-1.8	6
700	3143	3233	3066	7.3	17.6	-0.9	-9.8	300	4.2	3.6	-2.1	6.9
650	3746	3880	3650	4.3	16.2	-6.5	-13.4	291	5.5	5.1	-2	8
600	4395	4610	4228	0.6	12.4	-8.5	-17.3	285	7.3	7	-1.9	9.7
550	5092	5303	4950	-3.7	9	-13.9	-21.7	281	9.2	9	-1.7	11.4
500	5833	6052	5701	-8.5	3.2	-18.1	-25.6	277	11	10.9	-1.3	13.3
450	6641	6894	6490	-14	-2.5	-23.9	-30.2	273	13.1	13.1	-0.8	15.3
400	7525	7812	7364	-20.3	-9.7	-30.7	-35.7	271	15.8	15.8	-0.4	18.3
350	8498	8820	8300	-27.1	-15.7	-36.7	-41.7	269	18.6	18.6	0.4	21.1
300	9594	9943	9379	-35	-24.7	-45.5	-48.5	265	20.9	20.8	1.7	23.4
250	10842	11228	10576	-44.5	-33.1	-55.9	-57.8	260	22.1	21.8	3.9	25.2
200	12298	12751	11972	-55.5	-43.5	-69.1	-70.4	255	24.1	23.3	6.2	27.2
175	13140	13631	12771	-61.3	-47.9	-77.1	-66.1	255	22	21.3	5.7	24.7
150	14084	14621	13676	-66.7	-51.9	-78.1		256	18.5	18	4.4	20.5
125	15171	15753	14732	-71.7	-57.1	-85.1		260	13.6	13.4	2.4	15.1
100	16471	17122	16008	-75.9	-63.1	-89.1		264	11.7	11.6	1.3	13.2
80	17759	18474	17320	-74.9	-56.5	-87.9		267	5.8	5.8	0.3	7.7
70	18542	19275	18100	-72.1	-37.3	-88.1		272	3.5	3.5	-0.1	6
60	19383	19994	18988	-67.8	-48.9	-88.1		283	1.8	1.8	-0.4	4.7
50	20566	21349	20054	-62.7	-43.3	-77.1		328	0.9	0.5	-0.8	4.9
40	21952	22766	21388	-58.3	-39.7	-72.1		347	0.9	0.2	-0.9	4.3
30	23773	24631	23154	-54.1	-35.7	-68.1		342	0.6	0.2	-0.6	3.8
25	24945	25833	24300	-51.9	-37.5	-65.7		349	0.5	0.1	-0.5	3.3
20	26402	27318	25725	-49.3	-33.9	-62.1		309	0.6	0.5	-0.4	6.2
15	28285	29246	27614	-47.1	-33.5	-57.9		279	1.3	1.3	-0.2	5.1
10	30967	31853	30487	-44.6	-27.1	-53.3		270	1.1	1.1	0	1.6
7	33294	33520	33038	-43.7	-38.3	-51.9		259	0.5	0.5	0.1	0.5

## FREEZING LEVEL

P	Height	H_max	H_min
596	4456	6450	2890

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
100	16543	-77.6