



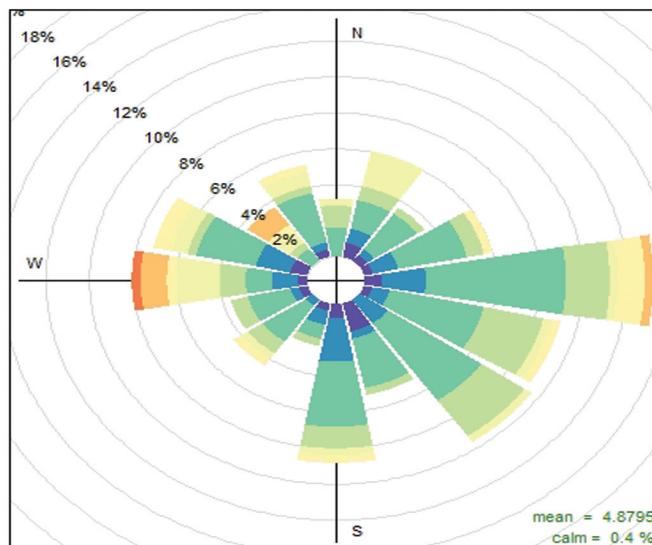
भारत सरकार / GOVERNMENT OF INDIA

पृथ्वी विज्ञान मंत्रालय/ MINISTRY OF EARTH SCIENCES

भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

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

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



गोरखपुर  
GORAKHPUR

सितम्बर २०२०

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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  
SEPTEMBER 2020

## 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 **Gorakhpur** (Latitude  $26^{\circ}45'N$ , Longitude  $83^{\circ}22'E$ ).

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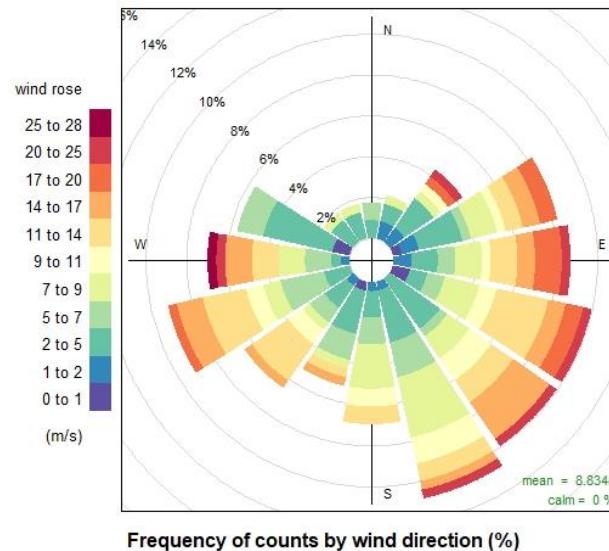
## **Description of various terms used in the table (Normals of Radiosonde data)**

<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.

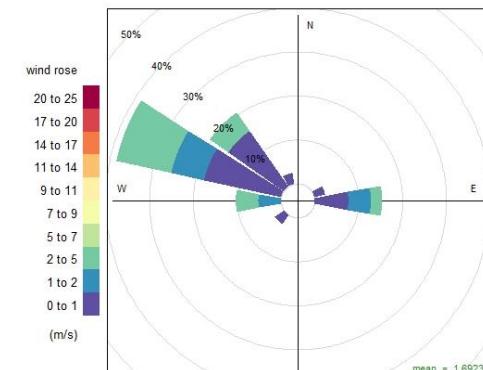
The circular format of the wind rose shows the direction the winds blew from and the length of each "spoke" around the circle shows how often the wind blew from that direction.

## Gorakhpur

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	8	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		2.6	0	0	0	0	0	0	0	0	0	0
79-101		7.7	5.1	2.6	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	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		2.6	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	5.1	5.1	0	0	0	0	0	0	0	0
282-303		17.9	7.7	12.8	0	0	0	0	0	0	0	0
304-326		15.4	0	5.1	0	0	0	0	0	0	0	0
327-348		2.6	0	0	0	0	0	0	0	0	0	0

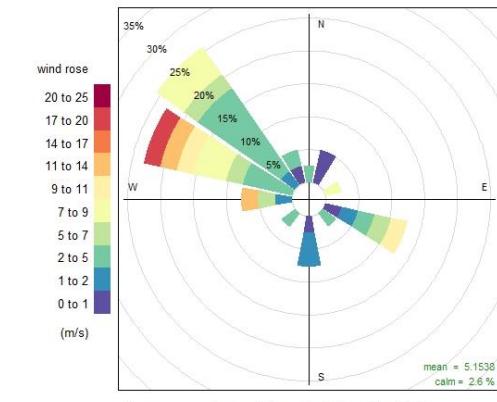


## Gorakhpur

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	3	0	0	2.6	0	0	0	0	0	0	0	0
12-33		5.1	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	2.6	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		2.6	2.6	2.6	2.6	0	2.6	0	0	0	0	0
124-146		0	0	2.6	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		2.6	5.1	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	2.6	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	2.6	0	2.6	0	0	2.6	0	0	0	0
282-303		0	0	7.7	2.6	5.1	2.6	2.6	0	2.6	0	0
304-326		0	2.6	15.4	2.6	5.1	0	0	0	0	0	0
327-348		2.6	0	2.6	0	0	0	0	0	0	0	0

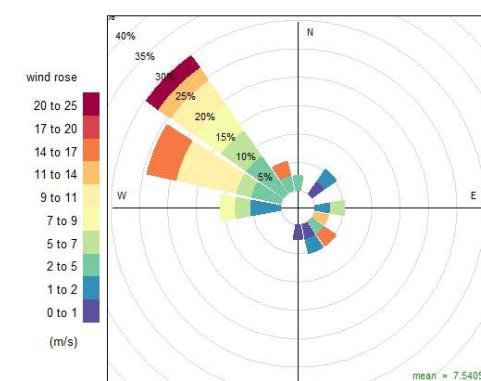


## Gorakhpur

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	2.7	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		2.7	2.7	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	2.7	0	2.7	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	2.7	0	0	0	0
124-146		0	0	2.7	0	0	0	0	2.7	0	0	0
147-168		2.7	2.7	0	0	0	0	0	0	0	0	0
168-191		2.7	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	5.4	0	2.7	2.7	0	0	0	0	0	0
282-303		0	0	5.4	2.7	0	10.8	0	5.4	0	0	0
304-326		0	0	8.1	5.4	5.4	5.4	2.7	0	0	2.7	0
327-348		0	0	2.7	0	0	0	0	2.7	0	0	0

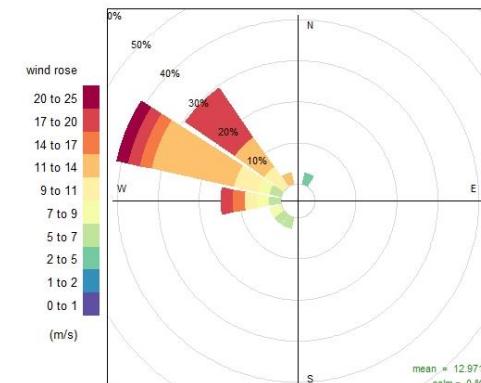


## Gorakhpur

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	0	0	0	0	0	0	0
12-33		0	0	2.9	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	2.9	0	0	0	0	0	0	0
214-236		0	0	0	2.9	0	0	0	0	0	0	0
237-258		0	0	0	2.9	0	0	0	0	0	0	0
259-281		0	0	0	2.9	2.9	2.9	0	2.9	2.9	0	0
282-303		0	0	0	2.9	2.9	5.9	20.6	2.9	2.9	2.9	0
304-326		0	0	0	0	5.9	8.8	0	14.7	0	0	0
327-348		0	0	0	0	0	2.9	0	0	0	0	0

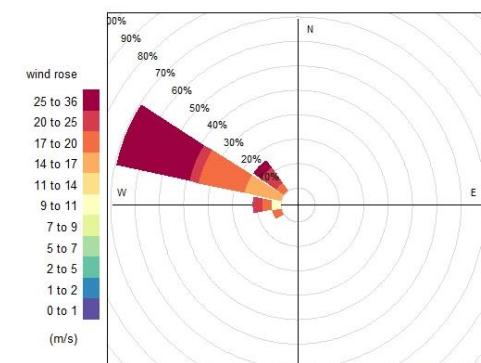


## Gorakhpur

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
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	3.8	0	0	0
259-281		0	0	0	0	3.8	0	0	3.8	3.8	0	0
282-303		0	0	0	0	0	0	15.4	19.2	3.8	30.8	0
304-326		0	0	0	0	0	0	0	3.8	7.7	3.8	0
327-348		0	0	0	0	0	0	0	0	0	0	0

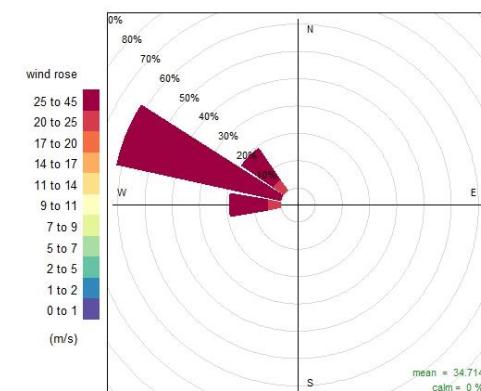


## Gorakhpur

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
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	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	4.8	14.3	0
282-303		0	0	0	0	0	0	0	0	0	61.9	0
304-326		0	0	0	0	0	0	0	0	4.8	14.3	0
327-348		0	0	0	0	0	0	0	0	0	0	0

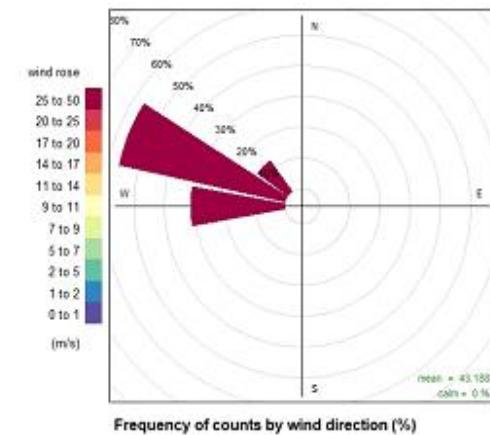


## Gorakhpur

January

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	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	31.2	
282-303		0	0	0	0	0	0	0	0	0	56.2	
304-326		0	0	0	0	0	0	0	0	0	0	12.5
327-348		0	0	0	0	0	0	0	0	0	0	0



## Gorakhpur

January

100 hPa level

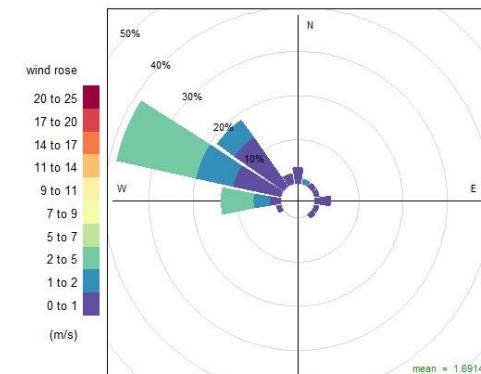
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	3.7	0	0	0	0	0	0	0	0	0	0
12-33		0	1.2	0	0	0	0	0	0	0	0	0
34-56		1.2	0	0	0	0	0	0	0	0	0	0
57-78		1.2	0	0	0	0	0	0	0	0	0	0
79-101		3.7	0	0	0	0	0	0	0	0	0	0
102-123		1.2	0	0	0	0	0	0	0	0	0	0
124-146		1.2	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		1.2	0	0	0	0	0	0	0	0	0	0
259-281		2.5	3.7	7.4	0	0	0	0	0	0	0	0
282-303		11.1	8.6	18.5	0	0	0	0	0	0	0	0
304-326		13.6	4.9	0	0	0	0	0	0	0	0	0
327-348		2.5	0	0	0	0	0	0	0	0	0	0

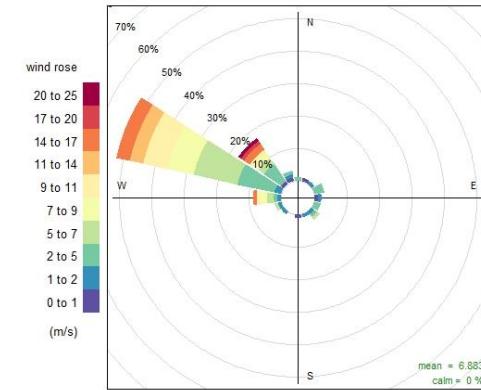


## Gorakhpur

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	0	1.1	0	0	0	0	0	0	0	0
12-33		1.1	0	0	0	0	0	0	0	0	0	0
34-56		0	1.1	0	0	0	0	0	0	0	0	0
57-78		0	0	3.2	0	0	0	0	0	0	0	0
79-101		1.1	1.1	0	0	0	0	0	0	0	0	0
102-123		0	0	2.1	0	0	0	0	0	0	0	0
124-146		0	1.1	1.1	1.1	0	0	0	0	0	0	0
147-168		0	1.1	0	0	0	0	0	0	0	0	0
168-191		1.1	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	1.1	0	0	0	0	0	0	0	0	0
237-258		0	1.1	0	1.1	0	0	0	0	0	0	0
259-281		0	1.1	1.1	2.1	2.1	1.1	0	1.1	0	0	0
282-303		0	2.1	11.7	13.8	8.5	7.4	4.3	4.3	0	0	0
304-326		1.1	0	6.4	2.1	2.1	1.1	0	2.1	1.1	1.1	0
327-348		1.1	1.1	1.1	0	0	0	0	0	0	0	0

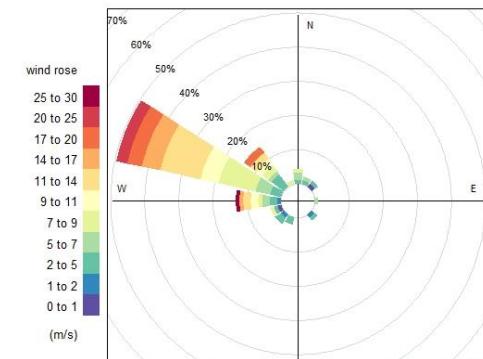


## Gorakhpur

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	1	0	0	1.1	2.2	1.1	0	0	0	0	0	0
12-33		0	0	1.1	1.1	0	0	0	0	0	0	0
34-56		1.1	0	1.1	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	1.1	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	1.1	1.1	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	2.2	0	0	0	0	0	0	0	0
214-236		0	1.1	2.2	0	0	0	0	0	0	0	0
237-258		1.1	0	1.1	0	1.1	0	0	0	0	0	0
259-281		0	1.1	2.2	2.2	1.1	2.2	2.2	1.1	0	0	1.1
282-303		0	0	3.3	4.4	11	5.5	12.1	5.5	4.4	3.3	0
304-326		0	0	4.4	1.1	2.2	2.2	2.2	0	2.2	0	0
327-348		0	0	0	0	1.1	0	0	0	0	0	0

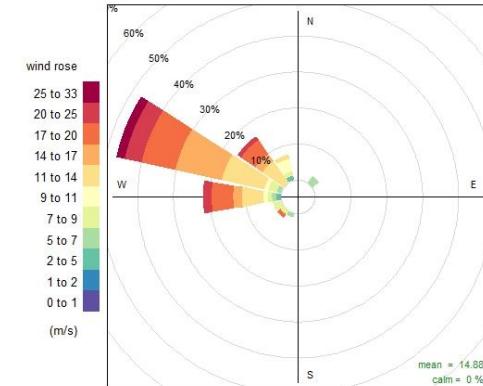


## Gorakhpur

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	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	2.4	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	1.2	0	0	0	0	0	0	0
214-236		0	0	0	1.2	0	0	0	1.2	0	0	0
237-258		0	0	0	2.4	0	0	0	0	0	0	0
259-281		0	0	1.2	1.2	1.2	1.2	6	2.4	6	2.4	0
282-303		0	0	1.2	1.2	2.4	1.2	12	13.3	9.6	4.8	2.4
304-326		0	0	0	0	0	7.2	1.2	2.4	4.8	1.2	0
327-348		0	0	1.2	0	1.2	3.6	1.2	0	0	0	0

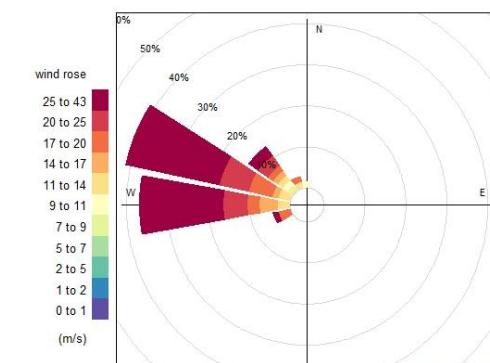


## Gorakhpur

February

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	1.5	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	2.9	0	1.5	
259-281		0	0	0	0	0	2.9	4.4	2.9	5.9	20.6	
282-303		0	0	0	0	0	2.9	1.5	5.9	7.4	23.5	
304-326		0	0	0	1.5	1.5	1.5	1.5	1.5	2.9	2.9	
327-348		0	0	0	0	0	1.5	0	1.5	0	0	

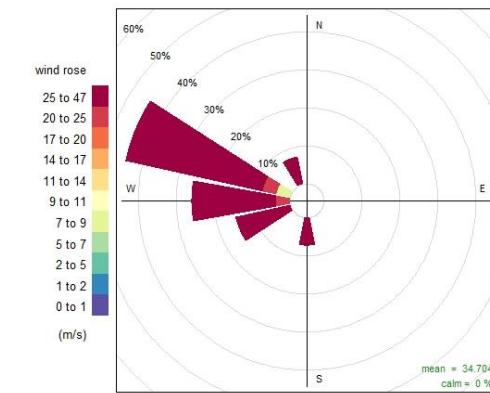


## Gorakhpur

February

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	7.4	
192-213		0	0	0	0	0	0	0	0	0	0	
214-236		0	0	0	0	0	0	0	0	0	0	
237-258		0	0	0	0	0	0	0	0	0	14.8	
259-281		0	0	0	0	0	0	0	0	3.7	22.2	
282-303		0	0	0	3.7	0	0	0	0	3.7	37	
304-326		0	0	0	0	0	0	0	0	0	0	
327-348		0	0	0	0	0	0	0	0	0	7.4	

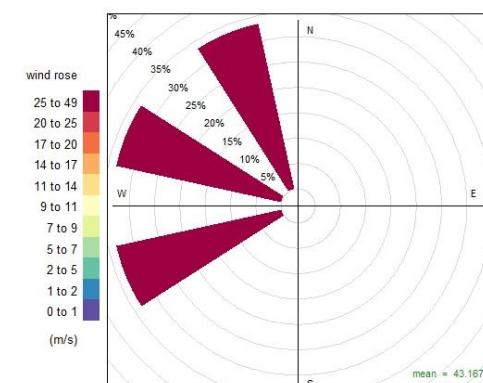


## Gorakhpur

February

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	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	33.3
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	33.3
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	33.3



## Gorakhpur

February

100 hPa level

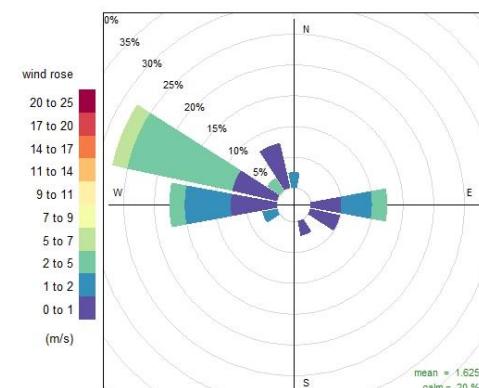
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

March

1000 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	20	0	2.5	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		5	5	2.5	0	0	0	0	0	0	0	0
102-123		5	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		2.5	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	2.5	0	0	0	0	0	0	0	0	0
259-281		7.5	7.5	2.5	0	0	0	0	0	0	0	0
282-303		7.5	0	17.5	2.5	0	0	0	0	0	0	0
304-326		0	0	2.5	0	0	0	0	0	0	0	0
327-348		7.5	0	0	0	0	0	0	0	0	0	0



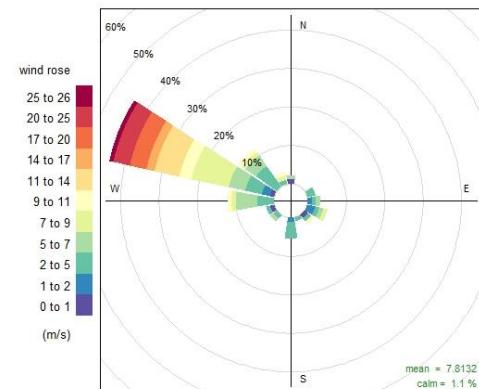
Frequency of counts by wind direction (%)

## Gorakhpur

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	1.1	0	0	1.1	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	2.2	0	0	0	0	0	0	0	0
79-101		0	1.1	1.1	1.1	0	0	0	0	0	0	0
102-123		0	2.2	1.1	1.1	1.1	0	0	0	0	0	0
124-146		1.1	0	1.1	0	0	1.1	0	0	0	0	0
147-168		0	0	1.1	0	0	0	0	0	0	0	0
168-191		0	1.1	4.4	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	1.1	1.1	0	0	0	0	0	0	0
237-258		1.1	0	1.1	0	0	0	0	0	0	0	0
259-281		0	0	4.4	5.5	1.1	1.1	0	0	0	0	0
282-303		1.1	2.2	4.4	4.4	9.9	3.3	6.6	2.2	4.4	4.4	1.1
304-326		0	0	6.6	3.3	1.1	1.1	0	0	0	0	0
327-348		0	0	1.1	0	1.1	1.1	0	0	0	0	0



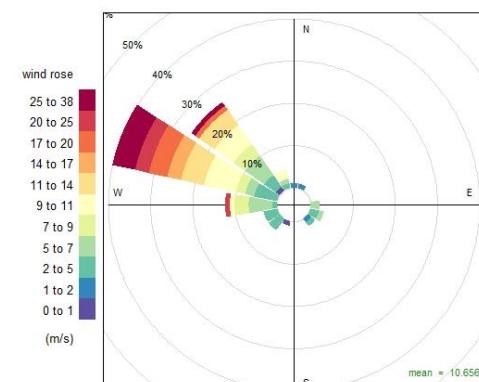
Frequency of counts by wind direction (%)

## Gorakhpur

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	1.1	0	0	0	0	0	0	0	0	0
12-33		0	1.1	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	2.2	0	0	0	0	0	0	0
102-123		0	0	2.2	1.1	0	0	0	0	0	0	0
124-146		0	1.1	1.1	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		1.1	0	0	0	0	0	0	0	0	0	0
214-236		0	0	3.3	0	0	0	0	0	0	0	0
237-258		0	0	3.3	0	0	0	0	0	0	0	0
259-281		0	0	1.1	5.6	3.3	1.1	0	0	0	1.1	0
282-303		0	0	5.6	2.2	2.2	7.8	5.6	3.3	4.4	3.3	5.6
304-326		1.1	0	3.3	5.6	3.3	5.6	4.4	0	1.1	0	1.1
327-348		0	0	1.1	1.1	0	2.2	0	0	0	0	0

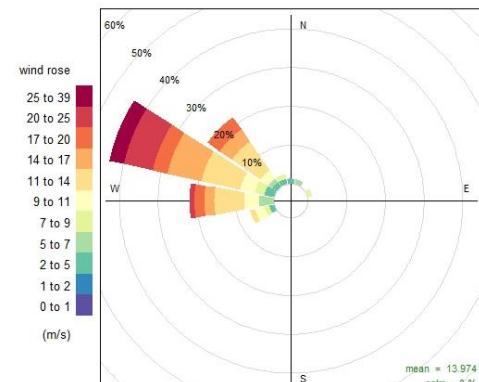


## Gorakhpur

March

700 hPa level

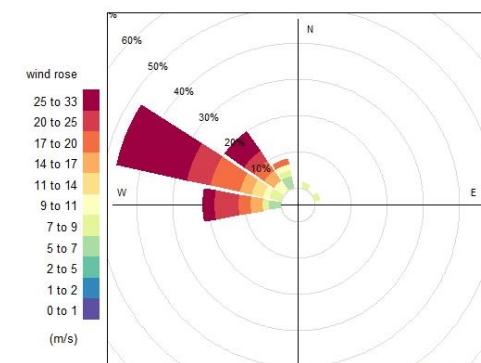
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.3	0	0	0	0	0	0	0	0
12-33		0	0	0	1.3	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	1.3	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	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	0
237-258		0	0	1.3	0	1.3	2.6	1.3	0	0	0	0
259-281		0	0	0	3.8	0	3.8	7.7	2.6	2.6	1.3	0
282-303		0	0	2.6	0	2.6	3.8	10.3	9	3.8	7.7	3.8
304-326		0	0	1.3	1.3	0	2.6	9	3.8	3.8	0	0
327-348		0	0	1.3	0	1.3	0	0	0	0	0	0



## Gorakhpur

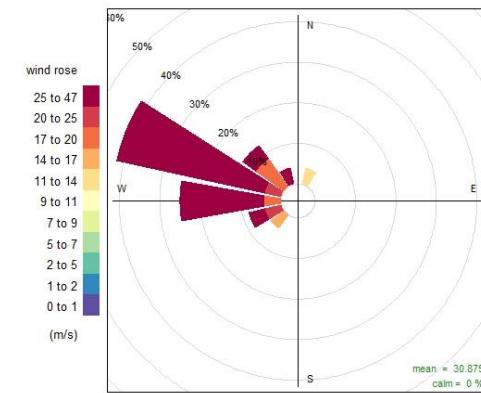
March      500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	1.7	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	1.7	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	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	3.3	1.7	0	0	3.3	3.3	6.7	3.3	3.3
282-303	0	0	0	3.3	1.7	3.3	3.3	8.3	6.7	20	0	0
304-326	0	0	0	0	0	3.3	0	3.3	3.3	3.3	6.7	0
327-348	0	0	0	3.3	1.7	1.7	0	0	1.7	0	0	0



Gorakhpur      March      300 hPa level

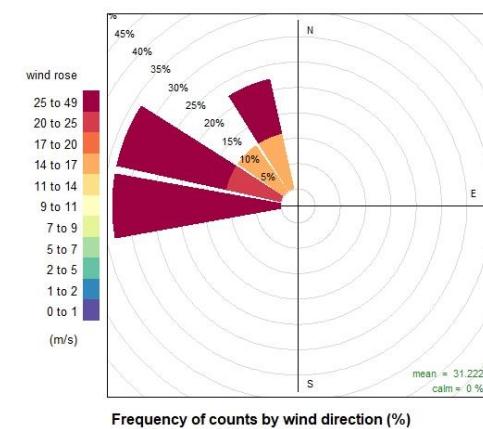
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	4.2	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	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	4.2	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	4.2	4.2	0
259-281	0	0	0	0	0	0	0	0	4.2	0	20.8	0
282-303	0	0	0	0	0	0	0	0	0	4.2	37.5	0
304-326	0	0	0	0	0	0	0	0	8.3	0	4.2	0
327-348	0	0	0	0	0	0	0	0	0	0	4.2	0



## Gorakhpur

March      200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	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	33.3
282-303		0	0	0	0	0	0	0	0	11.1	22.2	0
304-326		0	0	0	0	0	0	11.1	0	0	0	0
327-348		0	0	0	0	0	0	11.1	0	0	0	11.1



## Gorakhpur

March      100 hPa level

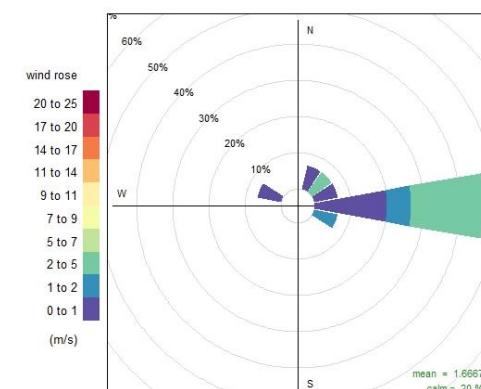
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	20	0	0	0	0	0	0	0	0	0	0	0
12-33		6.7	0	0	0	0	0	0	0	0	0	0
34-56		0	0	6.7	0	0	0	0	0	0	0	0
57-78		6.7	0	0	0	0	0	0	0	0	0	0
79-101		20	6.7	20	0	0	0	0	0	0	0	0
102-123		0	6.7	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	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		6.7	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

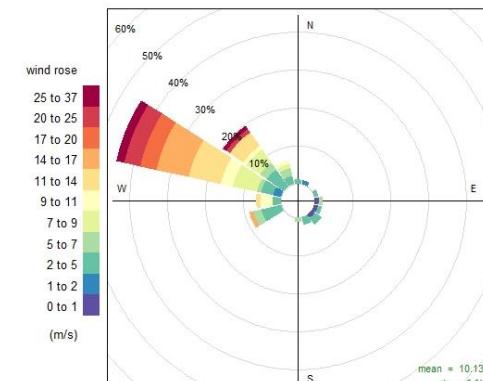


## Gorakhpur

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	1.1	0	0	0	0	0	0	0	0
12-33		0	1.1	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	1.1	0	0	0	0	0	0	0	0
79-101		1.1	0	0	1.1	0	0	0	0	0	0	0
102-123		1.1	0	1.1	0	0	0	0	0	0	0	0
124-146		1.1	0	2.2	0	0	0	0	0	0	0	0
147-168		0	0	2.2	0	0	0	0	0	0	0	0
168-191		0	0	0	1.1	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	5.4	2.2	0	0	0	1.1	0	0	0
259-281		0	0	2.2	0	0	3.3	1.1	0	0	0	0
282-303		0	2.2	3.3	1.1	6.5	3.3	8.7	8.7	4.3	4.3	2.2
304-326		0	0	5.4	2.2	4.3	1.1	4.3	0	0	1.1	1.1
327-348		0	0	2.2	2.2	1.1	1.1	0	0	0	0	0

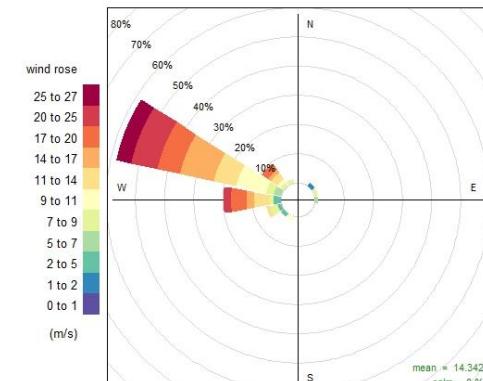


## Gorakhpur

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	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	1.3	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	1.3	0	0	0	0	0	0
79-101		0	0	0	1.3	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	1.3	0	0	0	0	0	0
214-236		0	0	1.3	0	0	0	0	0	0	0	0
237-258		0	0	1.3	0	2.6	0	1.3	0	0	0	0
259-281		0	0	2.6	0	1.3	0	5.3	2.6	5.3	2.6	0
282-303		0	0	0	2.6	2.6	10.5	7.9	11.8	7.9	9.2	5.3
304-326		0	0	0	1.3	1.3	2.6	1.3	2.6	1.3	2.6	0
327-348		0	0	0	1.3	0	0	0	0	0	0	0

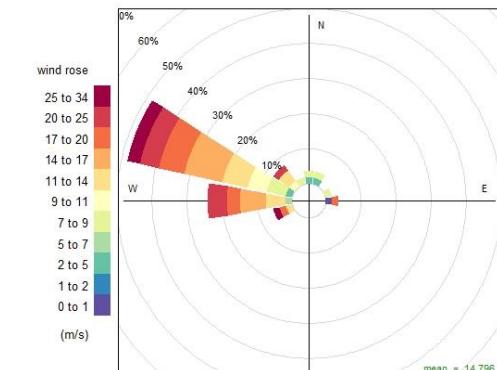


## Gorakhpur

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	1.9	0	1.9	0	0	0	0	0	0
12-33		0	0	1.9	0	1.9	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	1.9	0	0	0	0	0	0
79-101		1.9	0	0	0	0	0	0	0	1.9	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	0
237-258		0	0	0	0	0	1.9	0	1.9	0	1.9	
259-281		0	0	0	1.9	0	0	5.6	7.4	3.7	5.6	0
282-303		0	0	1.9	0	5.6	5.6	7.4	11.1	7.4	5.6	3.7
304-326		0	0	0	0	0	1.9	3.7	0	0	1.9	0
327-348		0	0	0	0	1.9	0	0	0	0	0	0

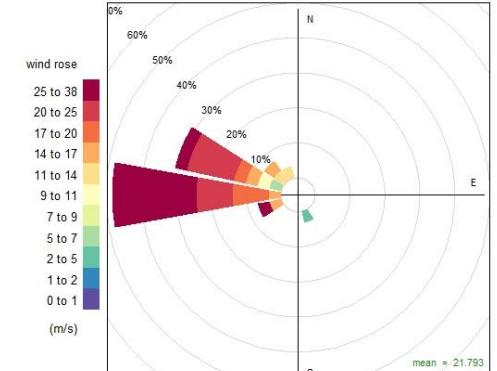


## Gorakhpur

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	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	3.4	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	3.4	0	0	0	3.4
259-281		0	0	0	0	0	0	3.4	10.3	10.3	24.1	
282-303		0	0	0	3.4	0	3.4	0	3.4	13.8	3.4	
304-326		0	0	0	0	0	3.4	3.4	0	0	0	
327-348		0	0	0	0	0	3.4	0	0	0	0	

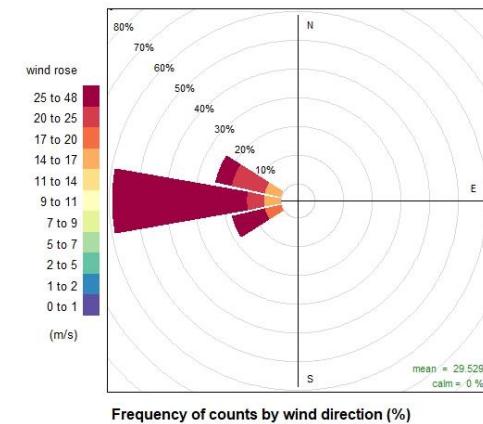


## Gorakhpur

April

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	5.9	0	11.8	
259-281		0	0	0	0	0	0	5.9	0	5.9	47.1	
282-303		0	0	0	0	0	0	5.9	0	11.8	5.9	
304-326		0	0	0	0	0	0	0	0	0	0	
327-348		0	0	0	0	0	0	0	0	0	0	



## Gorakhpur

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												
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												

## Gorakhpur

May

1000 hPa level

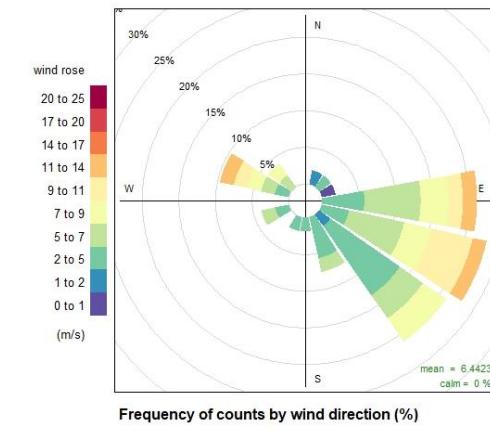
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	0	0	0	0	0	0	0	0
12-33		0	1.9	0	0	0	0	0	0	0	0	0
34-56		0	0	1.9	0	0	0	0	0	0	0	0
57-78		1.9	0	0	0	0	0	0	0	0	0	0
79-101		0	0	5.8	7.7	3.8	1.9	1.9	0	0	0	0
102-123		0	0	3.8	7.7	3.8	5.8	1.9	0	0	0	0
124-146		0	1.9	11.5	3.8	3.8	0	0	0	0	0	0
147-168		0	0	5.8	1.9	0	0	0	0	0	0	0
168-191		0	0	1.9	0	0	0	0	0	0	0	0
192-213		0	0	1.9	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	1.9	1.9	0	0	0	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	1.9	1.9	1.9	1.9	1.9	0	0	0	0
304-326		0	0	0	1.9	1.9	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

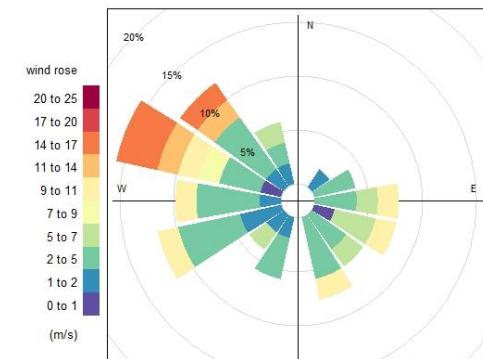


## Gorakhpur

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	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	2	0	0	0	0	0	0	0	0	0
57-78		0	0	3.9	0	0	0	0	0	0	0	0
79-101		0	0	3.9	2	0	2	0	0	0	0	0
102-123		2	0	0	3.9	0	2	0	0	0	0	0
124-146		0	0	3.9	2	0	0	0	0	0	0	0
147-168		0	0	3.9	0	0	2	0	0	0	0	0
168-191		0	0	2	0	0	0	0	0	0	0	0
192-213		0	2	3.9	0	0	0	0	0	0	0	0
214-236		0	2	0	2	0	0	0	0	0	0	0
237-258		0	3.9	5.9	0	0	2	0	0	0	0	0
259-281		0	2	5.9	0	0	2	0	0	0	0	0
282-303		2	0	3.9	0	2	2	2	3.9	0	0	0
304-326		0	2	5.9	0	0	0	2	2	0	0	0
327-348		0	2	2	2	0	0	0	0	0	0	0

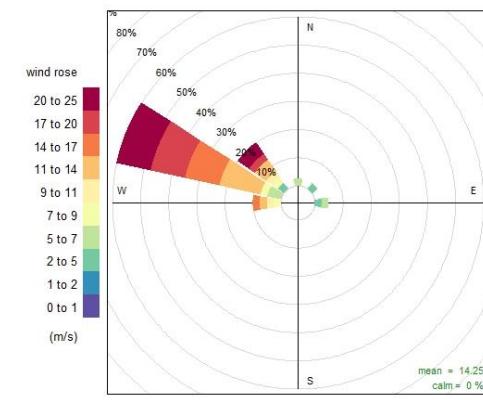


## Gorakhpur

May

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	2.5	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	2.5	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	2.5	2.5	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	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0	2.5	2.5	2.5	2.5	0	0	0	0
282-303		0	0	0	5	2.5	0	15	12.5	12.5	12.5	0
304-326		0	0	2.5	0	2.5	2.5	5	0	2.5	5	0
327-348		0	0	0	0	0	0	0	0	0	0	0

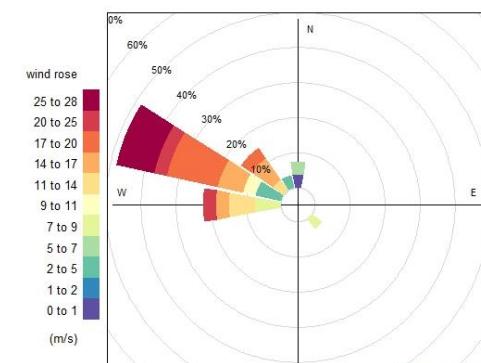


## Gorakhpur

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		3.7	0	0	3.7	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	3.7	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	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	7.4	0	7.4	3.7	0	3.7	0	0
282-303	0	0	7.4	0	0	3.7	0	7.4	14.8	3.7	11.1	0
304-326	0	0	0	0	0	0	3.7	7.4	3.7	0	0	0
327-348	0	0	3.7	0	0	0	0	0	0	0	0	0

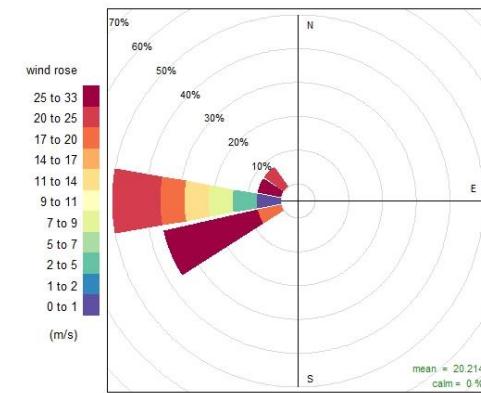


## Gorakhpur

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	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	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	7.1	0	28.6	0
259-281	7.1	0	7.1	0	7.1	0	7.1	0	7.1	14.3	0	0
282-303	0	0	0	0	0	0	0	0	0	0	7.1	0
304-326	0	0	0	0	0	0	0	0	0	7.1	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0

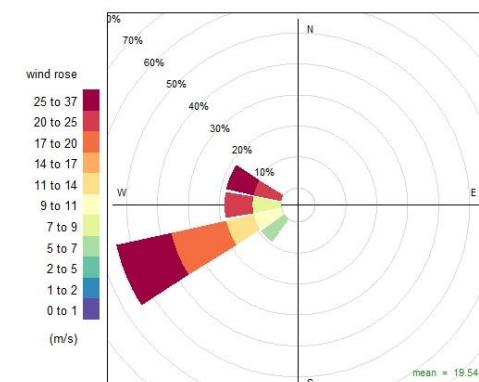


## Gorakhpur

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	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	9.1	0	0	0	0	0	0	0
237-258		0	0	0	0	0	9.1	9.1	0	18.2	0	18.2
259-281		0	0	0	9.1	0	0	0	0	0	9.1	0
282-303		0	0	0	0	0	0	0	0	0	9.1	9.1
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

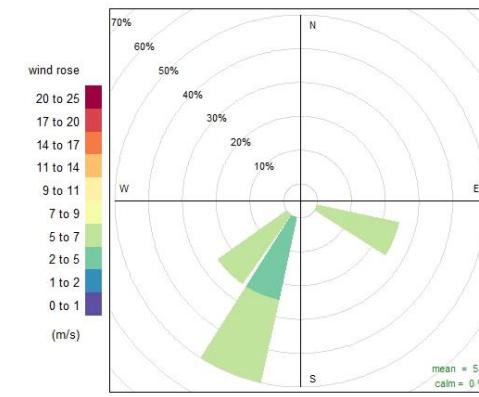


## Gorakhpur

May

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
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	25	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	25	25	0	0	0	0	0	0	0
214-236		0	0	0	25	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



## Gorakhpur

June

1000 hPa level

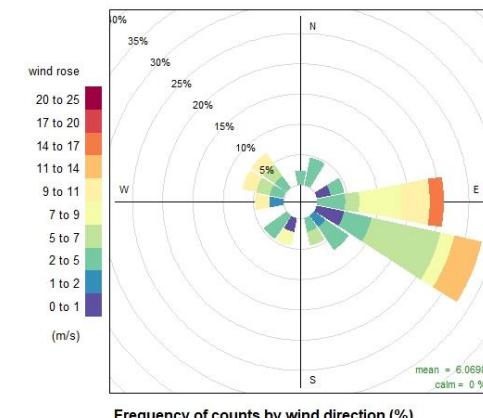
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	2.3	0	0	0	0	0	0	0	0
12-33		0	0	4.7	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		2.3	0	2.3	0	0	0	0	0	0	0	0
79-101		0	0	4.7	2.3	7	4.7	0	2.3	0	0	0
102-123		4.7	0	4.7	11.6	2.3	0	4.7	0	0	0	0
124-146		0	2.3	4.7	0	0	0	0	0	0	0	0
147-168		0	0	2.3	2.3	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		2.3	0	0	2.3	0	0	0	0	0	0	0
214-236		0	0	4.7	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	2.3	0	0	0	2.3	0	0	0	0	0
282-303		0	0	2.3	2.3	0	2.3	0	0	0	0	0
304-326		0	0	2.3	2.3	0	2.3	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

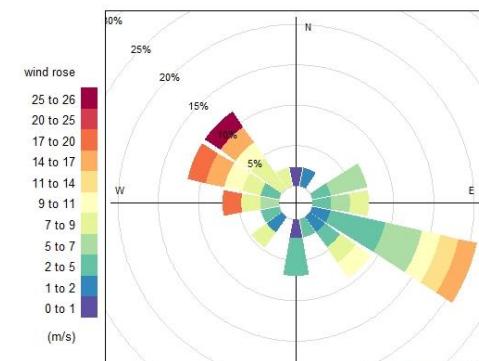


## Gorakhpur

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	2	2.3	0	0	0	0	0	0	0	0	0	0
12-33		0	2.3	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	2.3	4.7	0	0	0	0	0	0	0
79-101		0	0	2.3	2.3	2.3	0	0	0	0	0	0
102-123		0	2.3	7	4.7	0	2.3	2.3	2.3	0	0	0
124-146		0	2.3	2.3	0	2.3	2.3	0	0	0	0	0
147-168		0	0	2.3	0	0	0	0	0	0	0	0
168-191		2.3	0	4.7	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	2.3	0	0	2.3	0	0	0	0	0	0
237-258		0	0	2.3	0	0	0	0	0	0	0	0
259-281		0	0	0	2.3	2.3	0	0	0	2.3	0	0
282-303		0	0	2.3	0	2.3	2.3	0	2.3	2.3	0	0
304-326		0	0	0	0	4.7	2.3	0	2.3	0	0	2.3
327-348		0	0	0	0	2.3	0	0	0	0	0	0

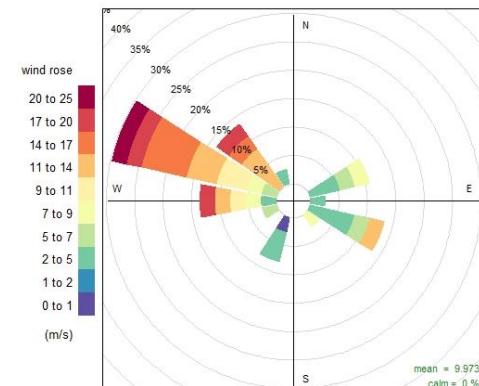


## Gorakhpur

June

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	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	5.4	2.7	2.7	0	0	0	0	0	0
79-101		0	0	2.7	0	0	0	0	0	0	0	0
102-123		0	0	8.1	2.7	0	0	2.7	0	0	0	0
124-146		0	0	0	0	2.7	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		2.7	0	5.4	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	2.7	0	0	0	0	0	0	0
259-281		0	0	2.7	0	2.7	2.7	2.7	0	2.7	0	0
282-303		0	0	0	2.7	2.7	5.4	5.4	8.1	2.7	2.7	0
304-326		0	0	0	0	0	0	8.1	2.7	2.7	0	0
327-348		0	0	2.7	0	0	0	0	0	0	0	0

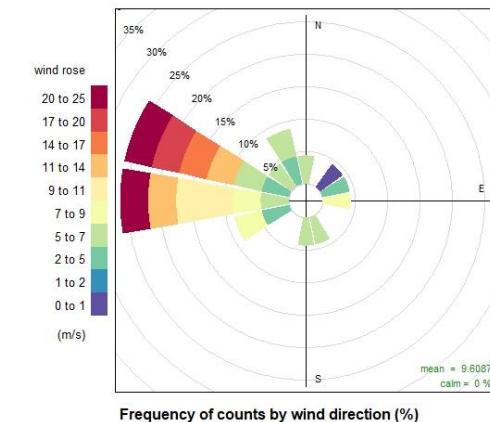


## Gorakhpur

June

### 500 hPa level

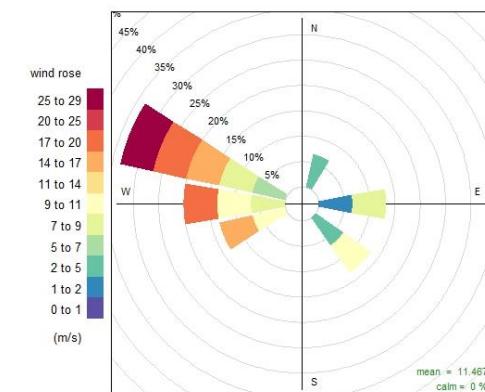
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	4.3	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		4.3	0	0	0	0	0	0	0	0	0	0
57-78		0	0	4.3	0	0	0	0	0	0	0	0
79-101		0	0	0	0	4.3	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	4.3	0	0	0	0	0	0	0
168-191		0	0	0	4.3	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	4.3	0	4.3	0	0	0	0	0	0
259-281		0	0	0	4.3	4.3	8.7	4.3	0	0	4.3	0
282-303		0	0	4.3	4.3	0	0	4.3	4.3	4.3	4.3	0
304-326		0	0	0	4.3	0	0	0	0	0	0	0
327-348		0	0	4.3	4.3	0	0	0	0	0	0	0



## Gorakhpur

June

### 300 hPa level

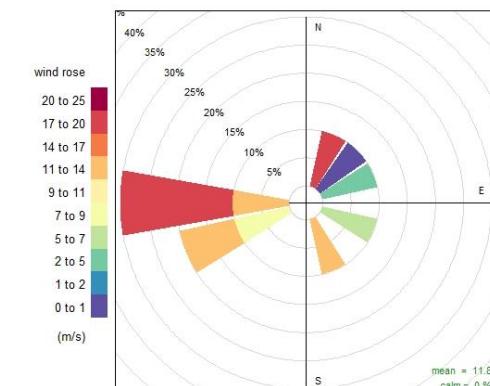


## Gorakhpur

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	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	10	0	0	0
34-56		10	0	0	0	0	0	0	0	0	0	0
57-78		0	0	10	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	10	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	10	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	10	0	10	0	0	0	0
259-281		0	0	0	0	0	10	0	20	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

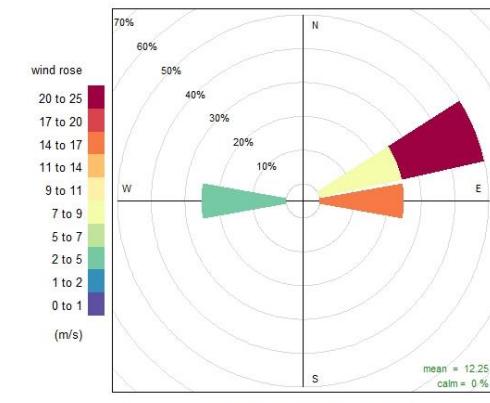


## Gorakhpur

June

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	25	0	0	0	0	25	0
79-101		0	0	0	0	0	0	25	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	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	25	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



## Gorakhpur

July

1000 hPa level

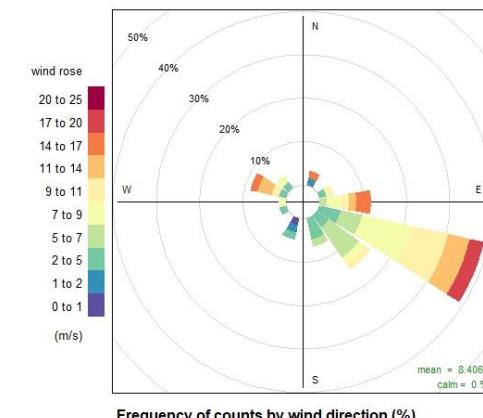
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	0	0	0	0	0	0	0	0
12-33		0	1.7	0	0	0	0	0	1.7	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	1.7	0	0	1.7	0	0	0	0	0
79-101		0	0	0	1.7	3.4	1.7	1.7	3.4	0	0	0
102-123		0	0	5.1	5.1	11.9	8.5	5.1	0	3.4	0	0
124-146		0	0	3.4	8.5	1.7	1.7	0	0	0	0	0
147-168		0	0	5.1	1.7	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		1.7	1.7	1.7	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	1.7	0	0	0	0	0	0	0	0
259-281		0	0	0	1.7	0	0	0	0	0	0	0
282-303		0	0	1.7	0	0	1.7	3.4	1.7	0	0	0
304-326		0	0	1.7	0	1.7	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

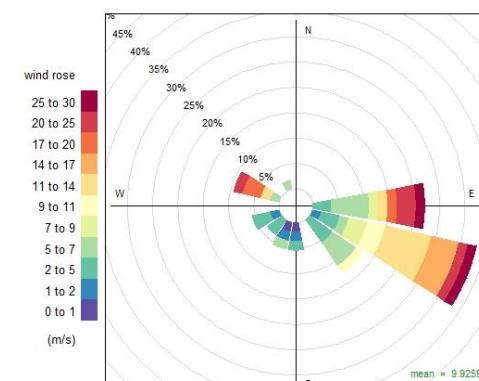


## Gorakhpur

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	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	3.7	7.4	1.9	0	1.9	0	1.9	3.7	1.9	0
102-123	0	1.9	3.7	1.9	3.7	3.7	9.3	5.6	0	1.9	1.9	0
124-146	0	0	5.6	5.6	0	1.9	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	1.9	1.9	1.9	0	0	0	0	0	0	0	0	0
192-213	1.9	1.9	0	1.9	0	0	0	0	0	0	0	0
214-236	0	0	3.7	0	0	0	0	0	0	0	0	0
237-258	0	1.9	3.7	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	1.9	0	0	1.9	0	3.7	1.9	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	1.9	0	0	0	0	0	0	0	0

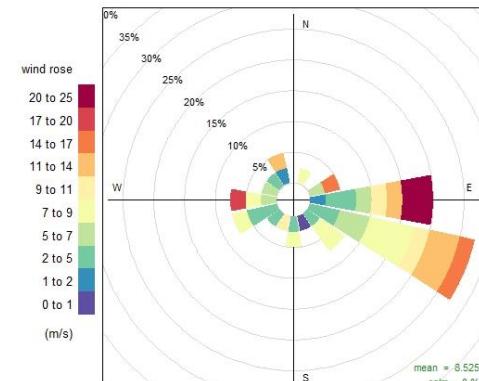


## Gorakhpur

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	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	2.5	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	2.5	0	0	0	2.5	0	0	0	0
79-101	0	2.5	5	2.5	0	2.5	2.5	0	0	5	0	0
102-123	0	0	5	5	7.5	2.5	5	2.5	0	0	0	0
124-146	0	0	2.5	0	5	0	0	0	0	0	0	0
147-168	2.5	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	2.5	0	2.5	0	0	0	0	0	0	0
192-213	0	0	0	0	0	2.5	0	0	0	0	0	0
214-236	0	0	2.5	0	0	0	0	0	0	0	0	0
237-258	0	0	5	0	2.5	0	0	0	0	0	0	0
259-281	0	0	0	2.5	2.5	0	0	0	2.5	0	0	0
282-303	0	0	0	2.5	0	0	0	0	0	0	0	0
304-326	0	0	2.5	0	0	0	0	0	0	0	0	0
327-348	0	2.5	0	0	0	0	2.5	0	0	0	0	0

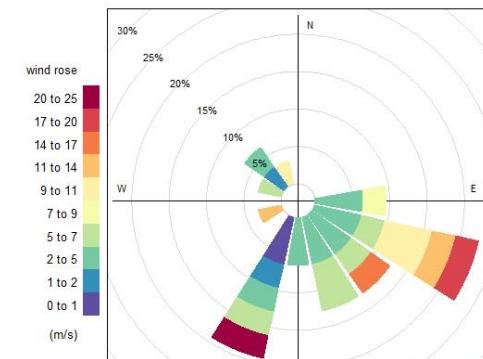


## Gorakhpur

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	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	6.5	0	3.2	0	0	0	0	0	0
102-123		0	0	6.5	3.2	0	6.5	3.2	0	3.2	0	0
124-146		0	0	6.5	3.2	0	0	0	3.2	0	0	0
147-168		0	0	6.5	6.5	0	0	0	0	0	0	0
168-191		0	0	6.5	0	0	0	0	0	0	0	0
192-213		6.5	3.2	3.2	3.2	0	0	0	0	0	3.2	0
214-236		0	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	3.2	0	0	0	0
259-281		0	0	0	0	0	0	0	0	0	0	0
282-303		0	0	0	3.2	0	0	0	0	0	0	0
304-326		0	3.2	3.2	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	3.2	0	0	0	0	0

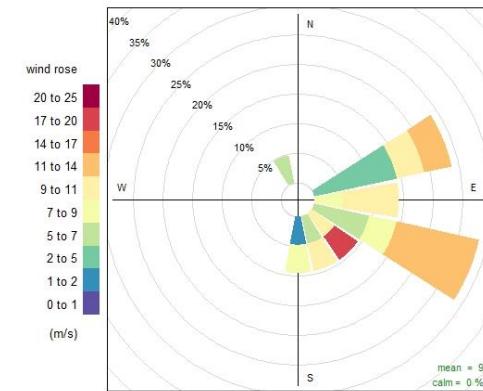


## Gorakhpur

July

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	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	14.3	0	0	4.8	4.8	0	0	0	0
79-101		0	0	0	4.8	9.5	0	0	0	0	0	0
102-123		0	0	0	9.5	4.8	0	14.3	0	0	0	0
124-146		0	0	0	0	4.8	0	0	4.8	0	0	0
147-168		0	0	0	4.8	0	4.8	0	0	0	0	0
168-191		0	4.8	0	0	4.8	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	4.8	0	0	0	0	0	0	0

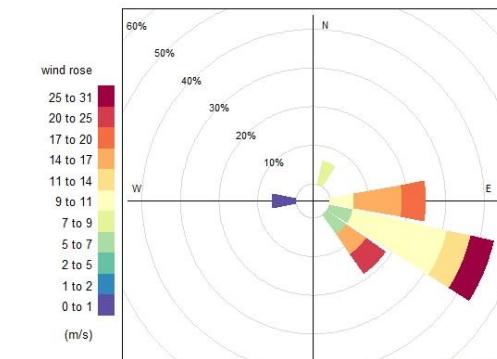


## Gorakhpur

July

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	6.2	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	6.2	0	12.5	6.2	0	0
102-123		0	0	0	6.2	0	25	6.2	0	0	0	6.2
124-146		0	0	0	6.2	0	0	0	6.2	0	6.2	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		6.2	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

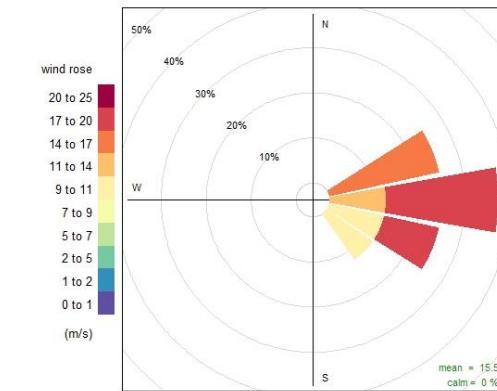


## Gorakhpur

July

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	25	0	0	0	0
79-101		0	0	0	0	0	12.5	0	25	0	0	0
102-123		0	0	0	0	0	12.5	0	0	12.5	0	0
124-146		0	0	0	0	0	12.5	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



## Gorakhpur

August

1000 hPa level

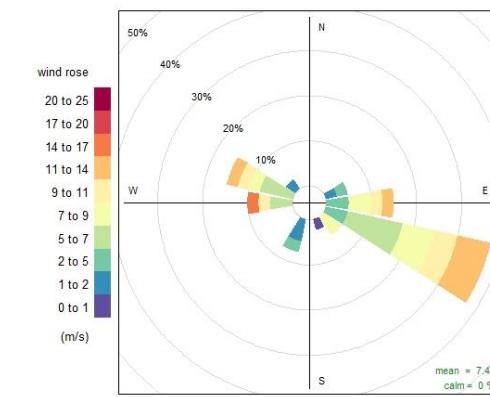
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

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	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	2.5	2.5	0	0	0	0	0	0	0	0
79-101		0	0	5	0	5	2.5	2.5	0	0	0	0
102-123		0	0	5	12.5	7.5	5	7.5	0	0	0	0
124-146		0	0	0	0	5	0	0	0	0	0	0
147-168		2.5	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	5	2.5	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	5	0	2.5	0	2.5	0	0	0
282-303		0	0	0	7.5	2.5	2.5	2.5	0	0	0	0
304-326		0	2.5	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

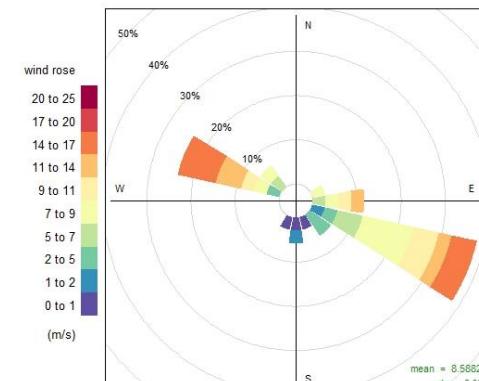


## Gorakhpur

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	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	2.9	0	0	0	0	0	0
79-101		0	0	0	2.9	2.9	2.9	2.9	0	0	0	0
102-123		0	2.9	2.9	5.9	11.8	5.9	2.9	5.9	0	0	0
124-146		0	0	5.9	0	0	0	0	0	0	0	0
147-168		2.9	0	0	0	0	0	0	0	0	0	0
168-191		2.9	2.9	0	0	0	0	0	0	0	0	0
192-213		2.9	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	2.9	0	2.9	2.9	5.9	8.8	0	0	0
304-326		0	0	0	2.9	2.9	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

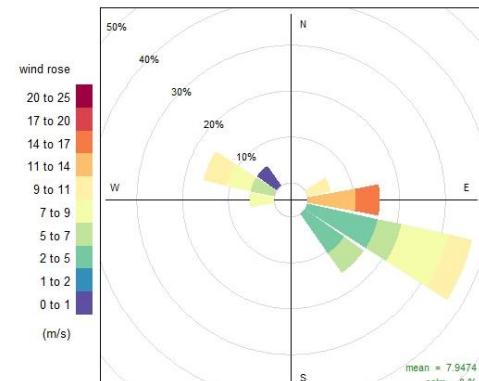


## Gorakhpur

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	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	5.3	0	0	0	0	0
79-101		0	0	0	0	0	0	10.5	5.3	0	0	0
102-123		0	0	15.8	5.3	10.5	5.3	0	0	0	0	0
124-146		0	0	10.5	5.3	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	5.3	0	0	0	0	0	0
282-303		0	0	0	5.3	5.3	5.3	0	0	0	0	0
304-326	5.3	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

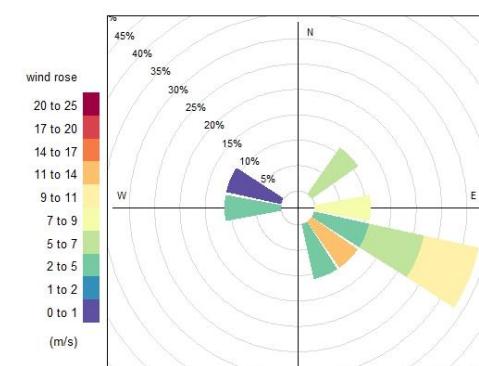


## Gorakhpur

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	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	11.1	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	11.1	0	0	0	0	0	0
102-123		0	0	11.1	11.1	0	11.1	0	0	0	0	0
124-146		0	0	0	0	0	0	11.1	0	0	0	0
147-168		0	0	11.1	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	11.1	0	0	0	0	0	0	0	0
282-303		11.1	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

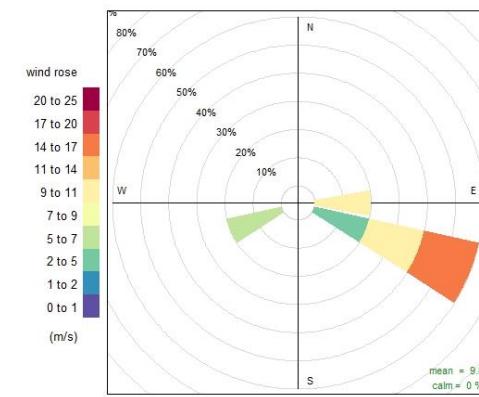


## Gorakhpur

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	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	20	0	0	0	0	0	0
102-123		0	0	20	0	0	20	0	20	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	0
237-258		0	0	20	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

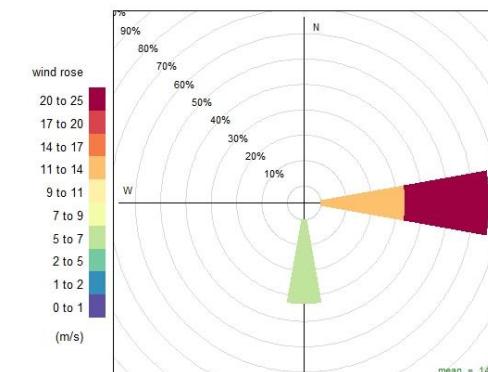


## Gorakhpur

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
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	33.3	0	0	33.3	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	33.3	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



## Gorakhpur

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												
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												

## Gorakhpur

September

1000 hPa level

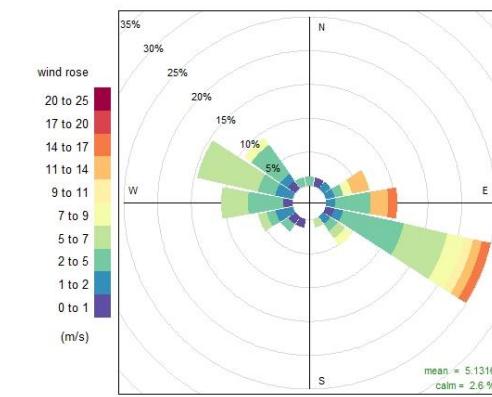
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

September

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.3	0	0	0	0	0	0	0	0
12-33		1.3	0	0	0	0	0	0	0	0	0	0
34-56		0	1.3	0	0	0	0	0	0	0	0	0
57-78		0	1.3	1.3	0	1.3	0	2.6	0	0	0	0
79-101		0	1.3	5.3	0	0	0	2.6	1.3	0	0	0
102-123		1.3	1.3	9.2	6.6	2.6	1.3	1.3	1.3	0	0	0
124-146		0	1.3	1.3	1.3	1.3	0	0	0	0	0	0
147-168		0	0	0	1.3	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		1.3	0	0	0	0	0	0	0	0	0	0
214-236		1.3	0	1.3	0	0	0	0	0	0	0	0
237-258		0	2.6	1.3	1.3	0	0	0	0	0	0	0
259-281		1.3	0	5.3	3.9	0	0	0	0	0	0	0
282-303		0	2.6	2.6	9.2	0	0	0	0	0	0	0
304-326		1.3	1.3	5.3	0	1.3	0	0	0	0	0	0
327-348		0	0	1.3	0	0	0	0	0	0	0	0

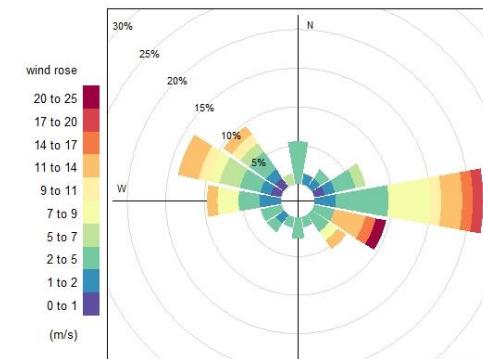


## Gorakhpur

September

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	5.5	0	0	0	0	0	0	0	0
12-33		0	1.4	0	0	0	0	0	0	0	0	0
34-56		0	1.4	1.4	0	0	0	0	0	0	0	0
57-78		1.4	1.4	2.7	1.4	0	0	0	0	0	0	0
79-101		0	2.7	6.8	0	5.5	1.4	2.7	1.4	1.4	0	0
102-123		0	0	2.7	0	0	0	4.1	1.4	0	1.4	0
124-146		0	0	2.7	0	1.4	0	1.4	0	0	0	0
147-168		0	0	1.4	0	0	0	0	0	0	0	0
168-191		0	0	2.7	0	0	0	0	0	0	0	0
192-213		0	0	1.4	0	0	0	0	0	0	0	0
214-236		0	1.4	1.4	0	0	0	0	0	0	0	0
237-258		0	0	2.7	0	0	0	0	0	0	0	0
259-281		0	2.7	2.7	0	2.7	0	1.4	0	0	0	0
282-303		1.4	1.4	2.7	2.7	1.4	1.4	2.7	0	0	0	0
304-326		1.4	1.4	2.7	1.4	0	1.4	1.4	0	0	0	0
327-348		0	0	0	1.4	0	0	0	0	0	0	0

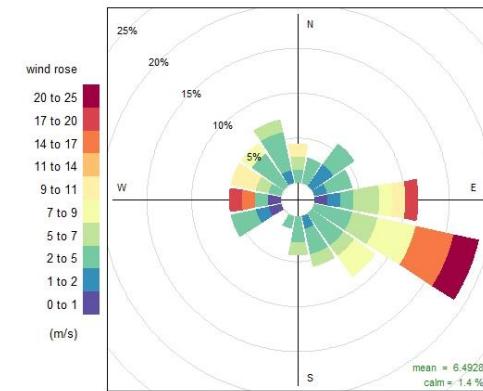


## Gorakhpur

September

700 hPa level

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

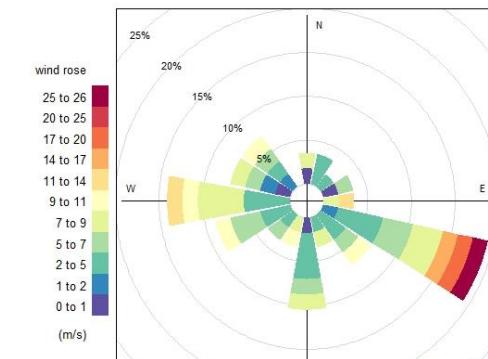


## Gorakhpur

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		1.8	0	0	0	1.8	0	0	0	0	0	0
12-33	0	0	3.5	0	0	0	0	0	0	0	0	0
34-56	0	0	1.8	0	0	0	0	0	0	0	0	0
57-78	1.8	0	0	1.8	0	0	0	0	0	0	0	0
79-101	0	0	0	0	1.8	0	1.8	0	0	0	0	0
102-123	0	1.8	5.3	3.5	3.5	0	0	1.8	1.8	0	0	1.8
124-146	0	0	3.5	1.8	0	1.8	0	0	0	0	0	0
147-168	0	0	1.8	0	1.8	0	0	0	0	0	0	0
168-191	1.8	0	5.3	1.8	1.8	0	0	0	0	0	0	0
192-213	0	0	0	0	1.8	1.8	0	0	0	0	0	0
214-236	0	0	1.8	1.8	0	0	0	0	0	0	0	0
237-258	0	0	3.5	3.5	0	1.8	0	0	0	0	0	0
259-281	0	0	5.3	0	5.3	1.8	1.8	0	0	0	0	0
282-303	1.8	1.8	0	1.8	1.8	0	0	0	0	0	0	0
304-326	0	1.8	1.8	1.8	0	1.8	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0

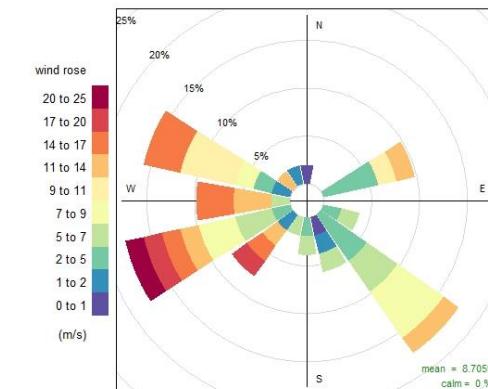


## Gorakhpur

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		2	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	5.9	0	0	2	2	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	2	2	0	0	0	0	0	0	0	0
124-146	0	0	5.9	3.9	5.9	0	2	0	0	0	0	0
147-168	2	2	0	2	0	0	0	0	0	0	0	0
168-191	0	0	2	2	0	0	0	0	0	0	0	0
192-213	0	0	0	2	0	0	0	0	0	0	0	0
214-236	0	2	0	0	0	0	2	2	2	0	0	0
237-258	0	0	2	3.9	3.9	0	2	2	2	2	0	0
259-281	0	0	0	2	0	0	3.9	3.9	0	0	0	0
282-303	0	2	2	0	2	5.9	0	3.9	0	0	0	0
304-326	0	0	0	0	0	0	2	0	0	0	0	0
327-348	0	2	0	0	0	0	0	0	0	0	0	0

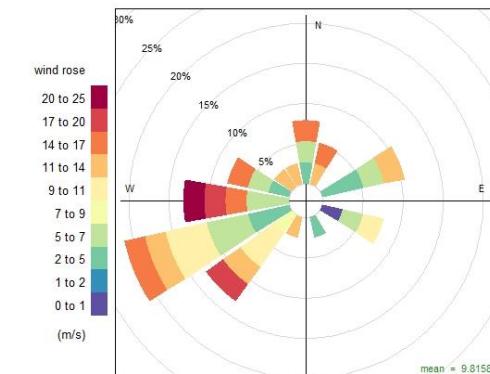


## Gorakhpur

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	3	0	0	2.6	2.6	0	0	0	2.6	0	0	0
12-33		0	0	0	0	0	0	2.6	2.6	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	5.3	2.6	0	0	2.6	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		2.6	0	0	2.6	0	2.6	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	2.6	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	2.6	0	0	0	0
214-236		0	0	0	0	2.6	5.3	2.6	0	2.6	0	0
237-258		0	0	5.3	5.3	0	5.3	2.6	2.6	0	0	0
259-281		0	0	0	5.3	0	0	0	2.6	2.6	2.6	0
282-303		0	0	2.6	2.6	0	0	0	2.6	0	0	0
304-326		0	0	0	0	0	0	2.6	0	0	0	0
327-348		0	0	0	0	0	0	2.6	0	0	0	0

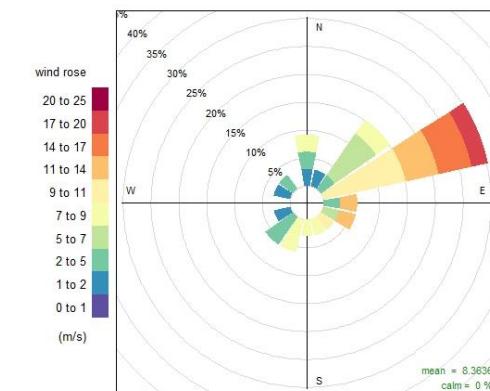


## Gorakhpur

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	3	3	0	3	0	0	0	0	0	0
12-33		0	3	0	0	0	0	0	0	0	0	0
34-56		0	0	3	9.1	3	0	0	0	0	0	0
57-78		0	0	0	0	0	15.2	6.1	6.1	3	0	0
79-101		0	0	3	0	0	0	3	0	0	0	0
102-123		0	0	0	3	0	0	3	0	0	0	0
124-146		0	0	0	0	0	3	0	0	0	0	0
147-168		0	0	0	0	3	0	0	0	0	0	0
168-191		0	0	0	3	0	0	0	0	0	0	0
192-213		0	0	0	0	6.1	0	0	0	0	0	0
214-236		0	0	6.1	0	0	0	0	0	0	0	0
237-258		0	3	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	3	0	0	0	0	0	0	0	0	0
304-326		0	0	3	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



## Gorakhpur

October

1000 hPa level

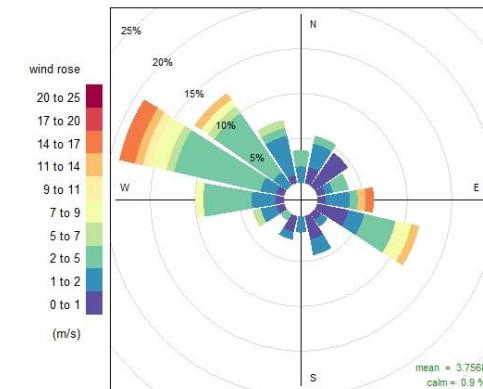
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11												
12-33												
34-56												
57-78												
79-101												
102-123												
124-146												
147-168												
168-191												
192-213												
214-236												
237-258						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

## Gorakhpur

October

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.8	1.8	0	0	0	0	0	0	0	0
12-33		1.8	2.7	0.9	0	0	0	0	0	0	0	0
34-56		4.5	0	0	0	0	0	0	0	0	0	0
57-78		0.9	0.9	1.8	0	0	0	0	0	0	0	0
79-101		0.9	2.7	0.9	0	0	0	0.9	0.9	0	0	0
102-123		3.6	1.8	3.6	0	1.8	0	0.9	0	0	0	0
124-146		0.9	0.9	0	0	0	0	0	0	0	0	0
147-168		2.7	1.8	0	0	0	0	0	0	0	0	0
168-191		0	1.8	0	0	0	0	0	0	0	0	0
192-213		1.8	0.9	0	0	0	0	0	0	0	0	0
214-236		0	0	0.9	0	0	0	0	0	0	0	0
237-258		0.9	1.8	0	0.9	0	0	0	0	0	0	0
259-281		0.9	2.7	5.4	0	0.9	0	0	0	0	0	0
282-303		0.9	1.8	9.9	0.9	1.8	0.9	0.9	1.8	0	0	0
304-326		0	1.8	8.1	0.9	0.9	0	0.9	0	0	0	0
327-348		0.9	4.5	0.9	0.9	0	0	0	0	0	0	0



## Gorakhpur

October

850 hPa level

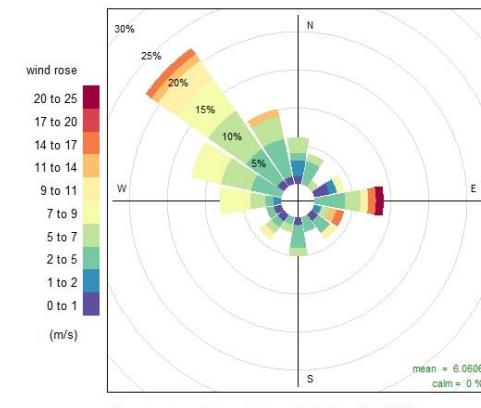
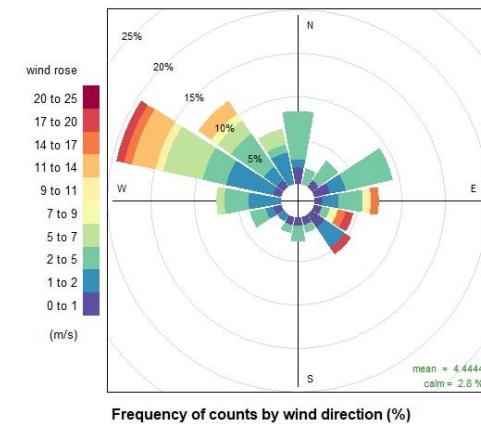
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	3	1.9	0.9	5.6	0	0	0	0	0	0	0	0
12-33		0	0	1.9	0	0	0	0	0	0	0	0
34-56		0.9	0	2.8	0	0	0	0	0	0	0	0
57-78		1.9	1.9	5.6	0	0	0	0	0	0	0	0
79-101		0.9	1.9	2.8	0	0	0.9	0	0.9	0	0	0
102-123		0.9	0	0.9	0	0.9	0	0	0.9	0.9	0	0
124-146		1.9	2.8	0	0	0	0	0	0	0.9	0	0
147-168		0.9	0	0.9	0	0	0	0	0	0	0	0
168-191		0.9	0	1.9	0	0	0	0	0	0	0	0
192-213		0.9	0	0.9	0	0	0	0	0	0	0	0
214-236		0	0.9	0	0	0	0	0	0	0	0	0
237-258		0.9	0.9	1.9	0	0	0	0	0	0	0	0
259-281		0	3.7	2.8	0.9	0	0	0	0	0	0	0
282-303		0.9	5.6	2.8	4.6	0	0.9	2.8	0.9	0.9	0	0
304-326		0.9	1.9	4.6	1.9	0.9	0	1.9	0	0	0	0
327-348		0	3.7	0.9	1.9	0	0	0	0	0	0	0

## Gorakhpur

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	1	2	1	2	0	0	0	0	0	0	0
12-33		0	0	3	1	0	0	0	0	0	0	0
34-56		0	0	0	1	0	0	0	0	0	0	0
57-78		2	1	0	0	1	0	0	0	0	0	0
79-101		0	0	4	2	0	1	0	1	0	1	0
102-123		0	1	0	1	0	0	1	1	0	0	0
124-146		1	0	2	0	0	1	0	0	0	0	0
147-168		0	0	2	0	0	0	0	0	0	0	0
168-191		1	0	3	1	0	0	0	0	0	0	0
192-213		0	0	1	1	0	0	0	0	0	0	0
214-236		1	0	1	1	0	1	0	0	0	0	0
237-258		1	0	1	0	0	0	0	0	0	0	0
259-281		0	1	1	2	4	0	0	0	0	0	0
282-303		0	0	4	4	4	0	0	0	0	0	0
304-326		1	0	5.1	6.1	5.1	3	1	1	0	0	0
327-348		1	0	5.1	3	0	0	1	0	0	0	0

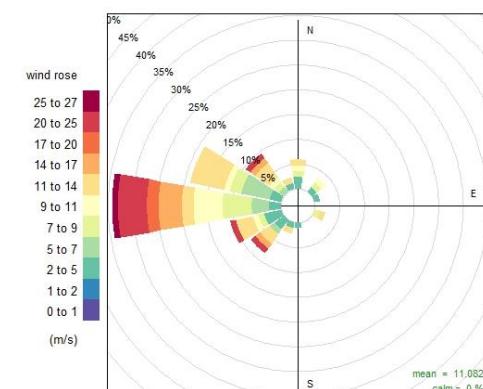


## Gorakhpur

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	0	2.4	0	1.2	1.2	1.2	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	1.2	0	1.2	1.2	0	0	0	0	0
57-78		0	0	1.2	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	1.2	0	1.2	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	1.2	0	0	0	0	0	0	0	0
192-213		0	0	1.2	0	0	0	1.2	0	0	0	0
214-236		0	0	2.4	1.2	0	0	2.4	1.2	0	1.2	0
237-258		0	0	3.5	0	1.2	1.2	3.5	0	0	1.2	0
259-281		0	0	2.4	3.5	5.9	5.9	2.4	4.7	2.4	5.9	1.2
282-303		0	0	2.4	5.9	2.4	1.2	7.1	0	0	0	0
304-326		0	0	0	1.2	1.2	1.2	3.5	1.2	0	1.2	0
327-348		0	0	1.2	0	0	0	1.2	0	0	0	0

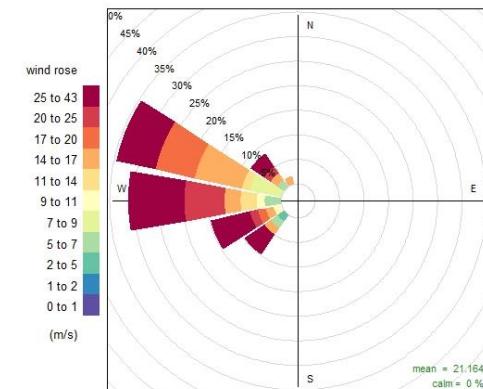


## Gorakhpur

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	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	1.6	1.6	0	0	0	1.6	0	0	4.9
237-258		0	0	0	0	1.6	0	1.6	1.6	1.6	1.6	8.2
259-281		0	0	0	3.3	0	1.6	3.3	3.3	0	8.2	11.5
282-303		0	0	0	6.6	0	1.6	9.8	8.2	0	8.2	3.3
304-326		0	0	0	1.6	0	0	0	1.6	0	1.6	3.3
327-348		0	0	0	0	0	0	0	1.6	0	0	0

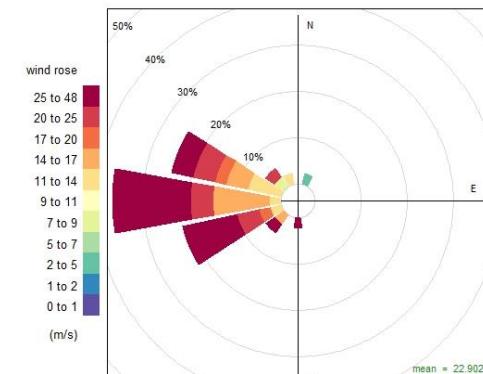


## Gorakhpur

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	0	0	0	0	0	0	0	0
12-33		0	0	2.4	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	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	2.4
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	2.4	0	0	0	2.4
237-258		0	0	0	0	0	2.4	0	2.4	4.9	12.2	
259-281		0	0	0	0	0	2.4	12.2	0	4.9	17.1	
282-303		0	0	0	0	0	7.3	4.9	2.4	4.9	4.9	
304-326		0	0	0	2.4	0	0	0	0	2.4	0	
327-348		0	0	0	0	0	2.4	0	0	0	0	

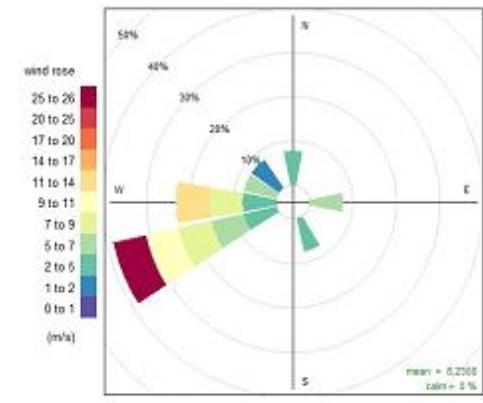


## Gorakhpur

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	0	7.7	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	7.7	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	7.7	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	7.7	7.7	7.7	0	0	0	0	0	7.7
259-281		0	0	7.7	0	7.7	0	7.7	0	0	0	0
282-303		0	0	7.7	0	0	0	0	0	0	0	0
304-326		0	7.7	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

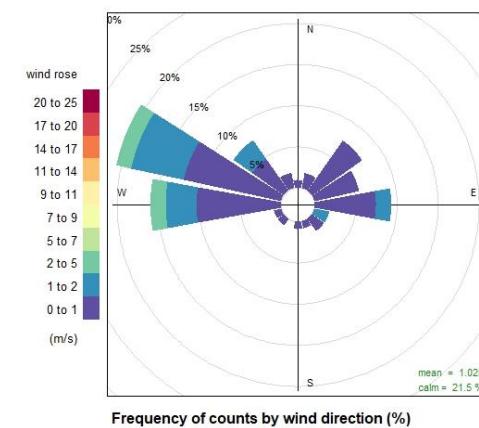


## Gorakhpur

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	21	0.9	0	0	0	0	0	0	0	0	0	0
12-33		1.9	0	0	0	0	0	0	0	0	0	0
34-56		7.5	0	0	0	0	0	0	0	0	0	0
57-78		5.6	0	0	0	0	0	0	0	0	0	0
79-101		7.5	1.9	0	0	0	0	0	0	0	0	0
102-123		0	1.9	0	0	0	0	0	0	0	0	0
124-146		1.9	0	0	0	0	0	0	0	0	0	0
147-168		0.9	0	0	0	0	0	0	0	0	0	0
168-191		0.9	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		0.9	0	0	0	0	0	0	0	0	0	0
237-258		0.9	0	0	0	0	0	0	0	0	0	0
259-281		10.3	3.7	1.9	0	0	0	0	0	0	0	0
282-303		12.1	6.5	1.9	0	0	0	0	0	0	0	0
304-326		4.7	2.8	0	0	0	0	0	0	0	0	0
327-348		1.9	0	0	0	0	0	0	0	0	0	0

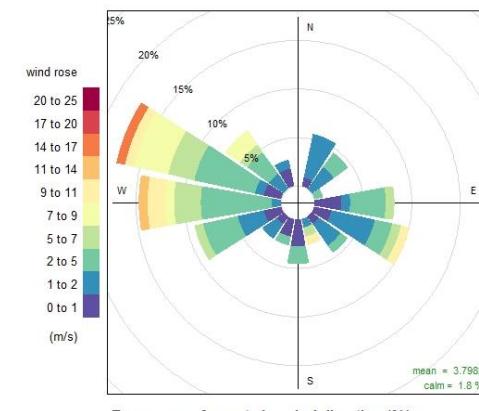


## Gorakhpur

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	2	0	0	0	0	0	0	0	0	0	0	0
12-33		0.9	4.6	0	0	0	0	0	0	0	0	0
34-56		0	2.8	1.8	0	0	0	0	0	0	0	0
57-78		0	0	0.9	0	0	0	0	0	0	0	0
79-101		2.8	0.9	3.7	0.9	0	0	0	0	0	0	0
102-123		1.8	4.6	1.8	0.9	0	0.9	0	0	0	0	0
124-146		0.9	2.8	0.9	0	0	0	0	0	0	0	0
147-168		0	0.9	0	0.9	0	0.9	0	0	0	0	0
168-191		2.8	0	1.8	0	0	0	0	0	0	0	0
192-213		1.8	0	0.9	0	0	0	0	0	0	0	0
214-236		0.9	1.8	0	0	0	0	0	0	0	0	0
237-258		1.8	2.8	3.7	0.9	0	0	0	0	0	0	0
259-281		0	0.9	7.3	2.8	0.9	1.8	0.9	0	0	0	0
282-303		1.8	0.9	6.4	2.8	3.7	0.9	0	0.9	0	0	0
304-326		0	1.8	2.8	0.9	1.8	0	0	0	0	0	0
327-348		1.8	0.9	0	0	0	0	0	0	0	0	0

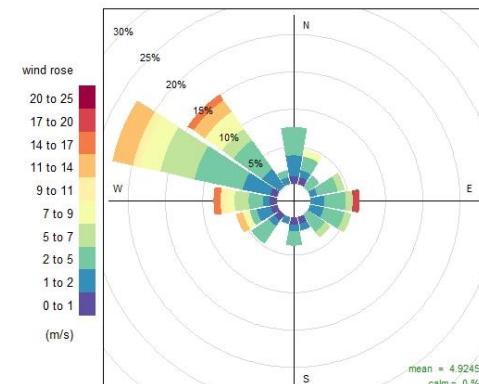


## Gorakhpur

November

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.9	2.8	3.8	0	0	0	0	0	0	0	0
12-33	0	0.9	1.9	0	0.9	0	0	0	0	0	0	0
34-56	0	0	1.9	0	0	0	0	0	0	0	0	0
57-78	0	0.9	2.8	0.9	0	0	0	0	0	0	0	0
79-101	0	1.9	2.8	0.9	0	0	0	0	0.9	0	0	0
102-123	0	1.9	2.8	0.9	0	0	0	0	0	0	0	0
124-146	0	0	2.8	0.9	0	0	0	0	0	0	0	0
147-168	0.9	0.9	0	0	0	0	0	0	0	0	0	0
168-191	0.9	0.9	1.9	0	0	0	0	0	0	0	0	0
192-213	0	0.9	0	0	0	0	0	0	0	0	0	0
214-236	0.9	0.9	2.8	0	0	0	0	0	0	0	0	0
237-258	0.9	1.9	0.9	0	0.9	0	0.9	0	0	0	0	0
259-281	0.9	0.9	1.9	1.9	0.9	0.9	0	0.9	0	0	0	0
282-303	0.9	3.8	6.6	4.7	2.8	0.9	2.8	0	0	0	0	0
304-326	0	2.8	4.7	1.9	2.8	0	1.9	0.9	0	0	0	0
327-348	0	0.9	0.9	0	0	0	0	0	0	0	0	0

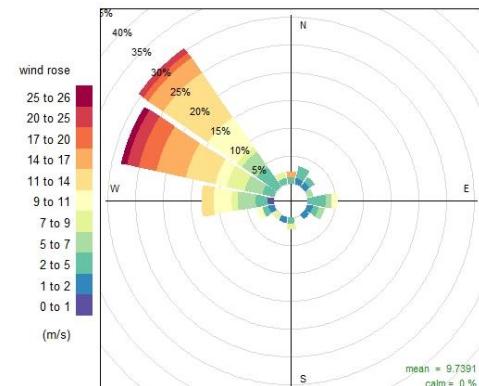


## Gorakhpur

November

700 hPa level

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

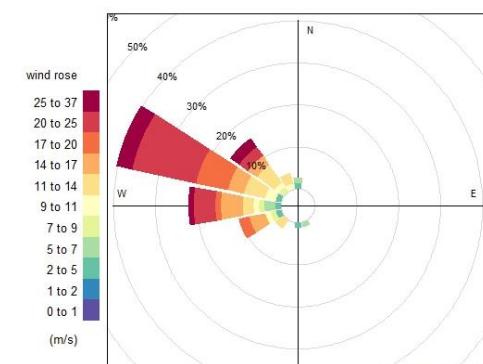


## Gorakhpur

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	1.3	1.3	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	1.3	0	0	0	0	0	0	0
168-191		0	0	1.3	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	2.6	0	0	0	0	0
237-258		0	0	1.3	0	1.3	1.3	0	3.9	2.6	0	0
259-281		0	0	1.3	2.6	1.3	1.3	2.6	5.2	1.3	5.2	1.3
282-303		0	0	1.3	0	0	2.6	5.2	3.9	7.8	15.6	3.9
304-326		0	0	0	0	1.3	1.3	5.2	2.6	0	2.6	2.6
327-348		0	0	0	0	0	1.3	2.6	0	0	0	0

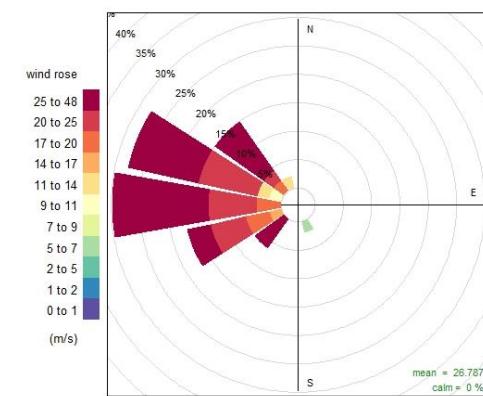


## Gorakhpur

November

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	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	2.1	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	6.4
237-258		0	0	0	0	0	0	2.1	4.3	6.4	4.3	
259-281		0	0	0	0	0	0	0	4.3	8.5	17	
282-303		0	0	0	0	2.1	2.1	0	0	10.6	12.8	
304-326		0	0	0	0	0	0	0	2.1	2.1	10.6	
327-348		0	0	0	0	0	2.1	0	0	0	0	

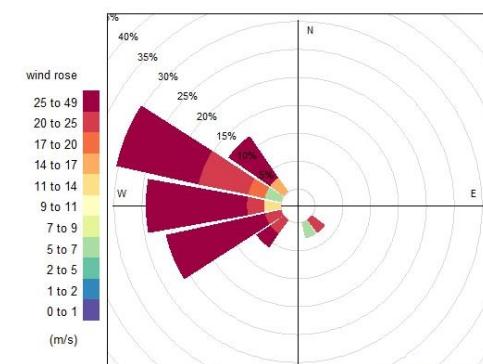


## Gorakhpur

November

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	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	3	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	3	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	3	3
237-258		0	0	0	0	0	0	0	0	0	3	18.2
259-281		0	0	0	0	0	3	0	0	0	3	18.2
282-303		0	0	0	3	0	0	0	0	3	9.1	15.2
304-326		0	0	0	0	0	0	0	3	0	0	9.1
327-348		0	0	0	0	0	0	0	0	0	0	0

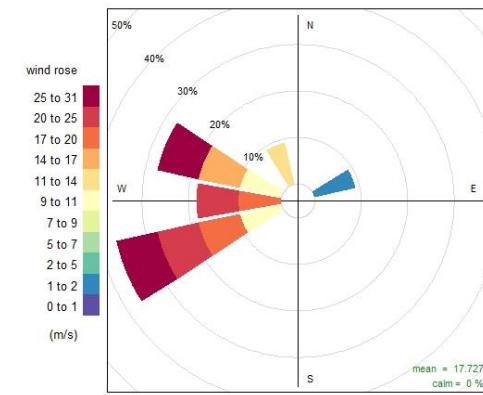


## Gorakhpur

November

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		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	9.1	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	0
237-258		0	0	0	0	0	9.1	0	0	9.1	9.1	9.1
259-281		0	0	0	0	0	0	0	0	9.1	9.1	0
282-303		0	0	0	0	0	9.1	0	9.1	0	0	9.1
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

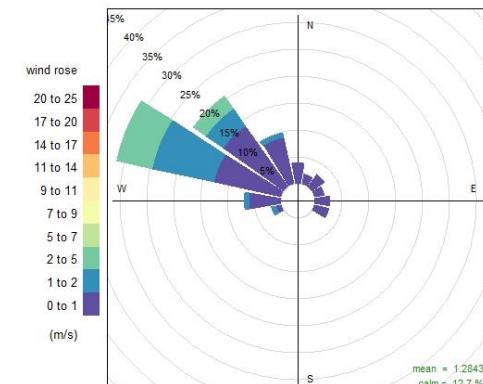


## Gorakhpur

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	13	3.9	0	0	0	0	0	0	0	0	0	0
12-33		2	0	0	0	0	0	0	0	0	0	0
34-56		2.9	0	0	0	0	0	0	0	0	0	0
57-78		2	0	0	0	0	0	0	0	0	0	0
79-101		2.9	0	0	0	0	0	0	0	0	0	0
102-123		2.9	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	0
237-258		1	1	0	0	0	0	0	0	0	0	0
259-281		5.9	1	0	0	0	0	0	0	0	0	0
282-303		12.7	11.8	6.9	0	0	0	0	0	0	0	0
304-326		13.7	3.9	2.9	0	0	0	0	0	0	0	0
327-348		8.8	1	0	0	0	0	0	0	0	0	0

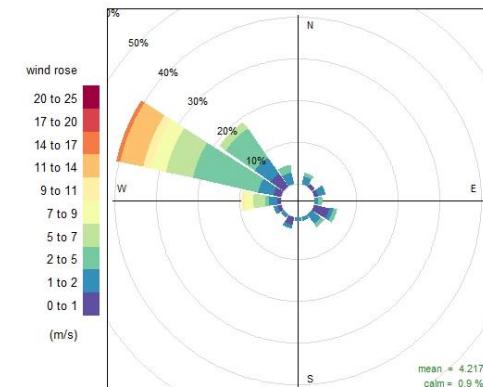


## Gorakhpur

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	1	0	0	0	0	0	0	0	0	0	0	0
12-33		0	1.9	0.9	0	0	0	0	0	0	0	0
34-56		0.9	0	0	0	0	0	0	0	0	0	0
57-78		0.9	1.9	0	0	0	0	0	0	0	0	0
79-101		0	0.9	0.9	0	0	0	0	0	0	0	0
102-123		3.8	0.9	0.9	0	0	0	0	0	0	0	0
124-146		0	2.8	0.9	0	0	0	0	0	0	0	0
147-168		0	0.9	0	0	0	0	0	0	0	0	0
168-191		0	0.9	0	0	0	0	0	0	0	0	0
192-213		1.9	0.9	0	0	0	0	0	0	0	0	0
214-236		0	0.9	0	0	0	0	0	0	0	0	0
237-258		0.9	0.9	0	0	0	0	0	0	0	0	0
259-281		0.9	1.9	0.9	2.8	1.9	0.9	0	0	0	0	0
282-303		1.9	3.8	16	6.6	3.8	1.9	5.7	0.9	0	0	0
304-326		3.8	4.7	8.5	1.9	0	0	0	0	0	0	0
327-348		0	2.8	1.9	0	0	0	0	0	0	0	0

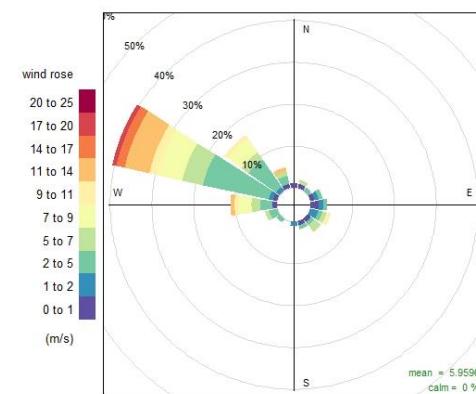


## Gorakhpur

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	1	0	0	0	0	0	0	0	0	0	0
12-33		1	0	0	1	0	0	0	0	0	0	0
34-56		0	0	1	0	0	0	0	0	0	0	0
57-78		1	1	1	0	0	0	0	0	0	0	0
79-101		2	1	1	0	0	0	0	0	0	0	0
102-123		0	2	1	1	0	1	0	0	0	0	0
124-146		1	0	1	2	0	0	0	0	0	0	0
147-168		1	0	1	0	0	0	0	0	0	0	0
168-191		0	1	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	1	0	0	0	0	0	0	0	0
237-258		0	0	2	1	0	0	0	0	0	0	0
259-281		1	0	3	2	3	1	1	0	0	0	0
282-303		1	1	16.2	5.1	6.1	2	6.1	2	1	0	0
304-326		0	1	8.1	2	4	1	0	0	0	0	0
327-348		1	0	2	1	0	0	1	0	0	0	0

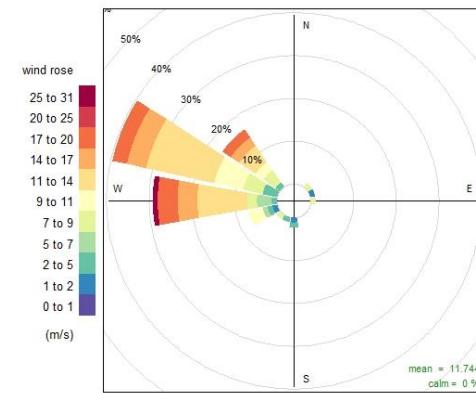


### Frequency of counts by wind direction (%)

## Gorakhpur

# December

700 hPa level



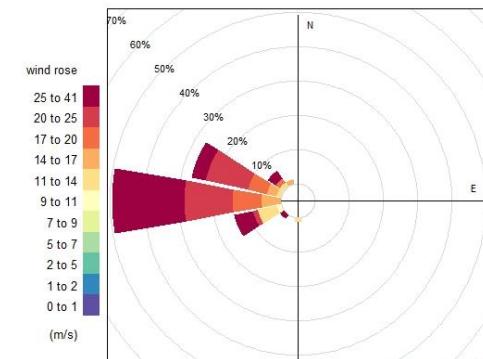
#### Frequency of counts by wind direction (%)

## Gorakhpur

December

500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	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	1.4	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	1.4
237-258		0	0	0	0	0	1.4	5.6	0	0	1.4	5.6
259-281		0	0	0	0	0	0	5.6	8.5	14.1	21.1	
282-303		0	0	0	0	0	1.4	2.8	5.6	12.7	4.2	
304-326		0	0	0	0	0	1.4	0	1.4	0	0	2.8
327-348		0	0	0	0	0	0	1.4	0	0	0	0

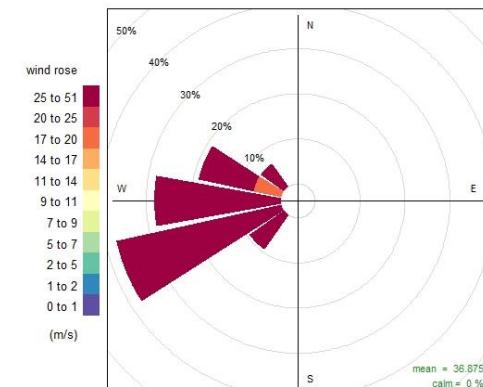


## Gorakhpur

December

300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	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	9.4
237-258		0	0	0	0	0	0	0	0	0	0	37.5
259-281		0	0	0	0	0	0	0	0	0	0	28.1
282-303		0	0	0	0	0	0	0	6.2	0	12.5	
304-326		0	0	0	0	0	0	0	0	0	0	6.2
327-348		0	0	0	0	0	0	0	0	0	0	0

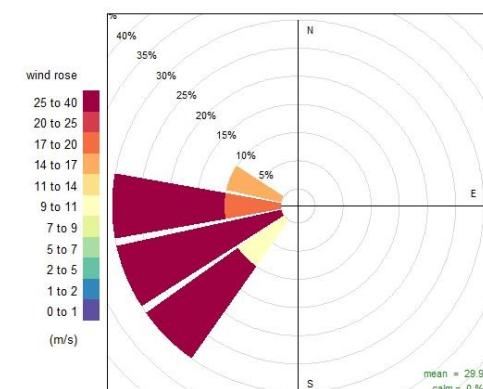


## Gorakhpur

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	0	0	0	0
214-236	0	0	0	0	0	10	0	0	0	0	0	20
237-258	0	0	0	0	0	0	0	0	0	0	0	30
259-281	0	0	0	0	0	0	0	0	10	0	0	20
282-303	0	0	0	0	0	0	0	10	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

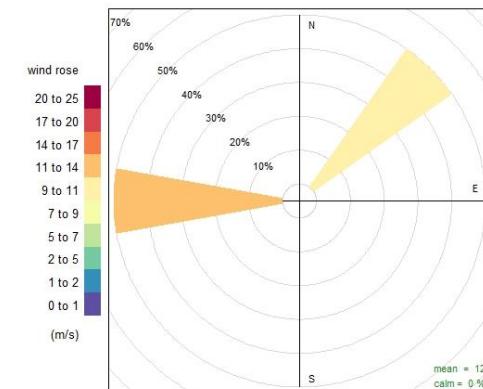


## Gorakhpur

December

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	50	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	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	50	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



Gorakhpur

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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	1005.5	1014	998	10.7	17.8	5	8.6	270	0.4	0.4	0	0.8
1000	135	200	87	11.3	18.4	5.4	8.6	290	1.2	1.1	-0.4	2.1
950	555	622	460	13.8	23.8	3.4	6	293	2.5	2.3	-1	4.4
925	788	841	720	12.8	22.6	1.5	3.9	292	2.4	2.2	-0.9	4.4
900	1020	1095	950	12.4	21.6	-0.4	0.8	288	2.8	2.7	-0.9	4.8
850	1497	1583	1403	10.5	20.2	-3.9	-3.9	287	3.8	3.6	-1.1	5.7
800	2000	2096	1900	8.3	18	-9.1	-7.1	285	5.3	5.1	-1.4	7.1
750	2528	2670	2410	5.8	17	-14.6	-10.1	284	7.1	6.9	-1.7	8.8
700	3090	3203	2935	2.8	15.4	-20	-12.5	281	9	8.8	-1.7	10.7
650	3684	3820	3530	-0.6	10.2	-14.1	-15.4	279	11	10.9	-1.8	12.8
600	4323	4550	4134	-4.4	9.2	-24.2	-19	277	13.4	13.3	-1.6	15.4
550	5007	5300	4782	-8.7	4.7	-26.6	-22.7	274	15.7	15.7	-1	17.9
500	5734	6000	5477	-13.5	0.7	-29.1	-27	272	18.7	18.7	-0.8	20.9
450	6528	6900	6233	-18.8	-5.1	-33.2	-31.9	271	21.3	21.3	-0.3	23.6
400	7396	7800	7065	-24.7	-8.9	-38.9	-36.7	268	22.8	22.8	0.6	25.4
350	8356	8630	7879	-31	-14.1	-46.5	-43.7	266	22.3	22.2	1.5	25.1
300	9434	10000	9018	-37.7	-21.7	-50.3	-51.2	264	21.2	21.1	2.3	23.9
250	10670	11084	10206	-45	-29.7	-57.3	-58.7	261	17.7	17.5	2.8	20.4
200	12135	12616	11672	-53.1	-37.5	-65.5	-66.9	259	12.9	12.7	2.5	15.1
175	12989	13680	12522	-57.4	-41.7	-72.1	-63.6	261	11.3	11.2	1.8	13.1
150	13950	14593	13476	-61.9	-40.1	-75.5	-65.5	266	8.9	8.9	0.7	9.7
125	15060	15749	14554	-66.5	-40.3	-80.5		264	7.3	7.3	0.8	7.8
100	16398	17239	15858	-70.3	-50.7	-83.1		264	6.1	6.1	0.6	6.4
80	17717	18683	17179	-70.2	-52.9	-85.1		265	4.9	4.9	0.4	5.2
70	18517	19500	17936	-68.5	-50.3	-80.5		265	4.3	4.3	0.4	4.5
60	19160	19993	18830	-65.7	-48.1	-80.1		268	3.7	3.7	0.1	4.3
50	20551	21683	19876	-62.1	-42.9	-75.5		268	2.4	2.4	0.1	3.6
40	21918	22685	21307	-58.1	-41.5	-75.1		283	0.9	0.9	-0.2	2.9
30	23740	24622	23059	-54.4	-33.5	-69.9		270	0.4	0.4	0	2.2
25	24904	25825	24173	-52.5	-32.9	-71.9		270	0.5	0.5	0	1.4
20	26364	27477	25547	-50.4	-37.1	-63.3		275	1.2	1.2	-0.1	1.8
15	28231	29422	27338	-48.9	-34.1	-61.9		265	1.2	1.2	0.1	2.2
10	30863	31978	30173	-46.7	-30.7	-55.1		241	1.8	1.6	0.9	1.9
7	33137	33600	32584	-44.5	-36.7	-54.9						

## FREEZING LEVEL

P	Height	H_max	H_min
660	3587	6044	1540

## FIRST TROPOPAUSE

P	Height	Temp
201	12208	-58.2

## SECOND TROPOPAUSE

P	Height	Temp
101	16397	-72.1

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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	1002.9	1011	993	13.2	21.4	7	10.5	278	0.7	0.7	-0.1	1.3
1000	118	176	46	13.8	25.8	6.3	10.4	287	1	1	-0.3	2
950	540	610	420	17.3	27.2	6.7	8	292	3.5	3.3	-1.3	6
925	776	835	705	16.3	25.6	4.7	6.8	287	3.4	3.2	-1	6.2
900	1008	1068	870	15.4	25.6	1.7	3.6	286	4.4	4.2	-1.2	6.8
850	1490	1555	1348	13	23	-4	-0.5	283	5.5	5.4	-1.2	7.7
800	1997	2068	1848	10.2	19.8	-9.5	-3.8	279	6.9	6.8	-1.1	9.2
750	2527	2620	2400	7.1	16.4	-12.1	-6.4	279	8.7	8.6	-1.3	10.9
700	3093	3196	2928	3.7	16.2	-12.4	-9.3	279	10.6	10.5	-1.6	12.8
650	3687	3820	3500	0	14.6	-12.7	-12.4	277	12.1	12	-1.5	14.6
600	4326	4464	4148	-4.1	7.8	-20	-16.6	276	14.2	14.1	-1.5	16.8
550	5011	5200	4800	-8.4	3.8	-19.1	-21.2	274	16.3	16.3	-1.1	18.9
500	5740	5927	5500	-13.2	-2.9	-25.9	-25.3	272	18.6	18.6	-0.6	21.4
450	6535	6790	6304	-18.4	-4.3	-30.9	-30.2	270	20.6	20.6	-0.1	23.5
400	7403	7640	7139	-24.2	-8.1	-37.5	-35.8	269	21.4	21.4	0.3	24.5
350	8367	8650	8067	-30.5	-15.3	-45.5	-42.4	268	21.4	21.4	0.6	24.3
300	9446	9740	9102	-37.4	-20.5	-55.5	-49.5	268	20.1	20.1	0.8	22.7
250	10685	11023	10286	-44.6	-29.9	-61.9	-56.6	269	15.8	15.8	0.4	17.8
200	12152	12590	11711	-52.4	-36.1	-67.3	-63.2	267	12.4	12.4	0.6	13.8
175	13006	13491	12564	-56.6	-40.1	-70.9	-59.5	267	10.5	10.5	0.6	11.4
150	13972	14486	13531	-61.1	-46.1	-73.7	-61.7	269	8.5	8.5	0.2	8.9
125	15088	15637	14640	-66.1	-52.1	-77.8		267	7.6	7.6	0.4	8
100	16426	16966	15910	-70	-47.3	-83.8		266	6.1	6.1	0.4	6.7
80	17748	18363	17192	-70.6	-46.3	-87.8		270	4.5	4.5	0	5
70	18542	19248	17984	-69	-43.3	-81.9		271	4.3	4.3	-0.1	4.8
60	19178	19948	18922	-65.7	-38.7	-81.5		270	3.8	3.8	0	4.3
50	20581	21337	20032	-61.8	-41.5	-86.5		272	3.2	3.2	-0.1	3.8
40	21975	22846	21380	-57.5	-38.6	-68.1		274	1.4	1.4	-0.1	3.3
30	23796	24826	23159	-54.2	-35.3	-71.4		283	0.9	0.9	-0.2	2.3
25	24959	26014	24309	-52.1	-38.3	-62.9		287	1	1	-0.3	2.7
20	26412	27415	25732	-50.1	-35.1	-65.6		273	2.1	2.1	-0.1	3.2
15	28317	29420	27775	-47.9	-34.3	-57.3		275	2.3	2.3	-0.2	3.5
10	31018	32042	30466	-46.3	-35.1	-58.1		277	3.1	3.1	-0.4	4.9
7	33371	34560	32768	-44.6	-29.5	-52.5		268	7.1	7.1	0.3	7.2

## FREEZING LEVEL

P	Height	H_max	H_min
651	3701	5600	2010

## FIRST TROPOPAUSE

P	Height	Temp
196	12457	-58.4

## SECOND ROPOPAUSE

P	Height	Temp
100	16487	-72.2

Gorakhpur

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Station height

70

March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	999.2	1009	989	17.9	26	9.8	13	275	1.1	1.1	-0.1	1.9
1000	101	160	5	17	27.8	9.8	12.3	286	0.7	0.7	-0.2	1.8
950	515	605	400	22.1	35	9.6	9.5	291	4.2	3.9	-1.5	7.2
925	755	839	678	21.5	31	10	8.1	288	4.5	4.3	-1.4	7.8
900	991	1077	776	20.2	34.6	7.2	5.1	288	5.6	5.3	-1.7	8.2
850	1481	1580	1267	17.4	31.2	4.8	2	286	6.9	6.6	-1.9	9.4
800	1996	2092	1912	14.2	28.2	1.6	-1.4	284	8.1	7.9	-2	10.8
750	2532	2660	2400	10.5	22.6	-3.1	-4.3	282	9.7	9.5	-2.1	12.5
700	3106	3270	2996	6.5	18	-9.5	-7.3	281	11.4	11.2	-2.2	14.1
650	3703	3840	3530	2.3	17.4	-16.5	-10.5	279	12.8	12.6	-2.1	15.4
600	4351	4540	4216	-1.9	11.7	-19.7	-14.8	278	13.9	13.8	-2	16.8
550	5039	5210	4884	-6.5	4.8	-23.5	-19.4	277	15.2	15.1	-1.9	18.2
500	5774	5993	5585	-11.6	-0.9	-25.1	-23.5	276	16.7	16.6	-1.7	19.7
450	6575	6820	6342	-17.1	-6.5	-30.1	-29.2	275	18.4	18.3	-1.5	21.3
400	7448	7719	7125	-23.3	-10.7	-38.3	-34.2	274	18.9	18.9	-1.2	21.9
350	8415	8720	8087	-30.1	-15.3	-45.7	-40.2	273	19	19	-1.1	21.7
300	9493	9892	9170	-37.5	-23.1	-52.9	-48.5	273	18.3	18.3	-0.9	21.1
250	10730	11201	10359	-45.3	-31.1	-59.7	-56.6	272	16.6	16.6	-0.6	19.1
200	12198	12733	11703	-52.4	-35.7	-66.7	-62.3	273	13.7	13.7	-0.8	15.9
175	13053	13621	12533	-56.3	-42.9	-77.8	-59.1	272	12.1	12.1	-0.5	13.6
150	14019	14619	13480	-60.8	-46.7	-74.9	-65	272	10.1	10.1	-0.4	11
125	15141	15761	14567	-65.6	-48.1	-86.1		273	8.8	8.8	-0.5	9.4
100	16475	17126	15880	-70.2	-49.8	-85.3		272	7.3	7.3	-0.2	7.8
80	17806	18860	17289	-70.3	-45.8	-84.9		273	5.5	5.5	-0.3	6
70	18602	19250	17950	-68.5	-45.1	-81.7		270	4.3	4.3	0	5
60	19328	19985	18860	-64.7	-43.4	-81		270	2.9	2.9	0	4
50	20656	21438	19949	-60.1	-42.7	-75.1		266	1.5	1.5	0.1	3.2
40	22061	22845	21295	-55.7	-39.1	-70.3		270	0.6	0.6	0	3
30	23896	24779	23127	-51.5	-36.7	-67.9		279	0.6	0.6	-0.1	2.9
25	25070	26030	24285	-49.3	-35.5	-66.1		281	0.5	0.5	-0.1	2.9
20	26523	27521	25716	-47.3	-33.1	-64.5		278	1.4	1.4	-0.2	3.5
15	28428	29475	27543	-45.6	-25.7	-63.5		284	2.9	2.8	-0.7	4
10	31231	32130	30259	-41.8	-27.1	-56.5		278	5.8	5.7	-0.8	6.7
7	33711	34291	33083	-40.2	-29.7	-50.9		281	6	5.9	-1.1	7.2

## FREEZING LEVEL

P	Height	H_max	H_min
624	4053	5840	2060

## FIRST TROPOPAUSE

P	Height	Temp
204	12178	-56.9

## SECOND TROPOPAUSE

P	Height	Temp
98	16698	-72.1

Gorakhpur

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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	995.6	1005	987	22.9	31	14.8	15.3	56	0.4	-0.3	-0.2	2.2
1000	71	130	-19	20.6	25	15	14.6	66	1	-0.9	-0.4	1.9
950	492	591	360	26.6	37.6	11.8	11.9	310	1.6	1.2	-1	7.6
925	737	802	659	26.1	36.4	15.8	10.9	292	1.6	1.5	-0.6	7.4
900	974	1046	892	25	35.4	9.6	8.6	289	3.4	3.2	-1.1	8.1
850	1472	1550	1385	21.9	34.8	11	5.5	285	5.7	5.5	-1.5	8.9
800	1994	2087	1904	18.3	30.8	8.2	2.6	285	7.7	7.4	-2	10.1
750	2538	2660	2400	14.1	26.2	4.8	-0.6	284	9.7	9.4	-2.3	12
700	3119	3233	3002	9.7	29.3	-0.5	-3.9	283	11.5	11.2	-2.5	13.5
650	3724	3890	3570	4.9	17	-5.5	-7.7	281	12.6	12.4	-2.5	14.6
600	4376	4664	4214	0.3	12.8	-8.3	-12.1	280	13.7	13.5	-2.4	15.7
550	5070	5357	4900	-4.3	9.4	-13.1	-17	280	14.3	14.1	-2.4	16.2
500	5811	6095	5611	-9.4	6	-18.1	-21.9	278	14.7	14.5	-2.1	16.6
450	6617	6898	6400	-14.9	2.2	-25.5	-27.5	277	15	14.9	-1.7	17.1
400	7499	7807	7246	-21.2	-2.3	-30.9	-32.9	274	15.8	15.8	-1.1	18
350	8473	8820	8220	-28.2	-15.1	-39.1	-39.4	272	17.4	17.4	-0.6	19.6
300	9558	9925	9286	-35.9	-21.9	-48.7	-46.3	269	18	18	0.3	20.3
250	10803	11220	10491	-43.8	-29.3	-57.9	-55.2	267	17.8	17.8	1	20.1
200	12274	12982	11929	-51.6	-32.9	-68.7	-61.4	264	17.8	17.7	1.9	19.9
175	13130	13652	12724	-55.8	-42.5	-69.5	-58.7	263	17	16.9	2	18.9
150	14102	14665	13642	-60.5	-46.1	-74.3	-65.1	263	15.5	15.4	1.8	16.9
125	15224	15834	14707	-65.6	-50.1	-78.3		262	13	12.9	1.7	14
100	16567	17252	15996	-70.1	-52.9	-84.1		261	10	9.9	1.5	11.1
80	17890	18643	17389	-70.5	-48.1	-81.3		262	6.4	6.3	0.9	8.2
70	18689	19470	18162	-68.4	-46.2	-80.3		266	4.9	4.9	0.3	6.6
60	19044	20145	19068	-64.4	-40.2	-77.3		270	3.1	3.1	0	5.2
50	20746	21571	20139	-59.6	-40.6	-73.7		285	1.6	1.5	-0.4	4.5
40	22158	22996	21485	-54.4	-37.5	-68.5		321	0.6	0.4	-0.5	3.9
30	24027	24879	23305	-49.6	-29.4	-63.9		9	0.6	-0.1	-0.6	3.8
25	25212	26100	24466	-47.5	-31.1	-60.3		329	0.6	0.3	-0.5	4.4
20	26701	27657	25870	-45.2	-29.9	-56.9		311	1.1	0.8	-0.7	4.6
15	28614	29687	27696	-43.1	-30.2	-56.7		275	2.2	2.2	-0.2	5.5
10	31393	32370	30310	-40.4	-27.9	-54.7		268	4.7	4.7	0.2	6.8
7	33833	34558	32677	-39	-28.5	-53.7		271	9.6	9.6	-0.2	11.5

## FREEZING LEVEL

P	Height	H_max	H_min
596	4428	6200	2000

## FIRST TROPOPAUSE

P	Height	Temp
201	12330	-56.5

## SECOND TROPOPAUSE

P	Height	Temp
98	16724	-72.2

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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	992.6	1003	982	25.9	32.8	19	20.3	87	1.9	-1.9	-0.1	2.4
1000	32	88	-22	21.4	22	20.8	18.8	90	2.5	-2.5	0	2.5
950	468	600	340	27.7	40	17.2	18.4	96	3	-3	0.3	7.1
925	711	777	617	26.9	39	14.6	16.8	102	1.4	-1.4	0.3	6.7
900	954	1085	854	26	38	14.2	15	117	0.4	-0.4	0.2	6.8
850	1455	1598	1345	23.3	34.4	12.0	11.4	287	2.8	2.7	-0.8	6.9
800	1981	2135	1832	19.9	30	9.4	8	290	5.5	5.2	-1.9	7.9
750	2530	2700	2348	16.1	25.8	5.6	4.2	292	8.2	7.6	-3	9.9
700	3116	3287	2900	11.8	22.8	1.2	0.1	292	10.3	9.5	-3.9	12
650	3726	3910	3569	7.2	17	-4.1	-4.2	290	11.6	10.9	-4	13.3
600	4383	4584	4210	2.7	15	-8.5	-8.7	290	12.1	11.4	-4.2	13.7
550	5086	5310	4829	-1.7	8.8	-14.5	-13.8	289	12.3	11.6	-4	13.7
500	5834	6061	5652	-6.2	5.6	-20.5	-19	286	12.1	11.6	-3.3	13.7
450	6652	6900	6429	-11.3	-0.5	-27.1	-24.1	282	12.2	11.9	-2.5	14
400	7544	7790	7266	-17.1	-6.3	-33.9	-29.8	277	12.4	12.3	-1.6	14.5
350	8536	8820	8185	-23.7	-10.9	-42.1	-35.5	273	13.1	13.1	-0.8	15.3
300	9643	9983	9213	-30.8	-16.7	-52.7	-42.5	269	14.5	14.5	0.2	16.6
250	10916	11306	10395	-39.2	-23.7	-66.9	-50.3	264	16	15.9	1.7	18.3
200	12413	12851	11724	-49	-36.7	-74.5	-57.9	261	16.5	16.3	2.5	18.5
175	13280	13737	12492	-54.6	-41.7	-76.1	-59.2	258	15.8	15.5	3.3	17.8
150	14253	14725	13401	-60.6	-47.9	-71.7	-65.3	256	14	13.6	3.4	15.9
125	15374	15841	14556	-66.7	-49.5	-78.9	-81.7	256	11.8	11.4	2.9	13.5
100	16704	17256	15984	-71.9	-53.7	-82.9		255	8.4	8.1	2.1	10.5
80	18015	18527	17380	-72.1	-46.8	-85.5		253	3.4	3.3	1	7
70	18812	19360	18233	-69.3	-43.3	-84.9		252	1.3	1.2	0.4	6
60	18543	20024	19196	-64.5	-39.6	-79.1		90	0.5	-0.5	0	5.6
50	20866	21461	20318	-58.9	-31.9	-75.1		79	2	-2	-0.4	5.3
40	22281	22955	21686	-53.7	-34.7	-69.9		78	2.9	-2.8	-0.6	5.3
30	24145	24938	23467	-49.1	-28.7	-60.7		69	2.8	-2.6	-1	5.6
25	25344	26206	24632	-46.6	-29.1	-57.9		70	3	-2.8	-1	5.8
20	26825	27783	26069	-44.6	-29.6	-55.5		66	2.2	-2	-0.9	5.7
15	28742	29839	27935	-42.6	-26.1	-54.1		73	2.1	-2	-0.6	5.7
10	31554	32244	30595	-39.2	-27.5	-52.9		82	0.7	-0.7	-0.1	6
7	33992	34753	32962	-37.9	-25.7	-48.3		261	1.2	1.2	0.2	6.2

## FREEZING LEVEL

P	Height	H_max	H_min
569	4837	6570	3230

## FIRST TROPOPAUSE

P	Height	Temp
184	13084	-57.5

## SECOND TROPOPAUSE

P	Height	Temp
97	16948	-74.1

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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	989	999	926	27.6	36.2	21.2	24.1	87	1.8	-1.8	-0.1	2.2
1000	2	39	-46									
950	436	524	320	27.8	37.8	18	23	95	3.6	-3.6	0.3	6.5
925	684	761	610	26.6	34.8	17.8	21.5	101	3.1	-3	0.6	6.5
900	925	1008	826	25.9	38.8	15	19.8	113	2.3	-2.1	0.9	6.6
850	1427	1517	1340	23.2	34.2	9.4	16.6	143	0.5	-0.3	0.4	6.7
800	1954	2059	1855	20.1	29.8	6	13.5	292	1.6	1.5	-0.6	7.4
750	2508	2635	2397	16.6	27.2	3.8	10	297	3	2.7	-1.4	8
700	3092	3243	2955	12.9	24.2	1.2	6	299	4.1	3.6	-2	8.5
650	3711	3885	3547	9.1	21.8	-3.5	1.6	294	4.6	4.2	-1.9	8.7
600	4370	4567	4176	5.3	18.8	-6.7	-2.6	292	4.3	4	-1.6	8.2
550	5086	5296	4850	1.5	13	-11.3	-6.8	288	4	3.8	-1.2	7.7
500	5838	6081	5590	-2.5	8.2	-14.1	-11	278	3.7	3.7	-0.5	7.3
450	6674	6939	6414	-6.9	5.1	-22.1	-15.5	268	3.5	3.5	0.1	7.4
400	7579	7882	7321	-12	-2.5	-26.3	-21.2	262	3.7	3.7	0.5	7.7
350	8591	8928	8324	-17.9	-5.7	-31.5	-27.4	258	4.4	4.3	0.9	8.2
300	9694	9986	9397	-25.6	-11.5	-40.5	-34.4	253	4.8	4.6	1.4	8.7
250	11022	11446	10715	-35.3	-24.9	-52.3	-43.3	248	4.8	4.4	1.8	8.9
200	12536	13032	12110	-47.4	-35.7	-64.1	-54.9	244	4.6	4.1	2	9.1
175	13406	13951	12920	-54.3	-40.1	-67.5	-60.2	244	4.3	3.9	1.9	8.9
150	14377	14823	13842	-61.8	-49.5	-74.5	-67	243	3.5	3.1	1.6	8.5
125	15483	16003	15087	-69.2	-55.1	-81.1	-63.7	233	2	1.6	1.2	7.9
100	16794	17302	16355	-74.5	-57.9	-87.1		95	1.2	-1.2	0.1	7.6
80	18096	18658	17636	-73	-52.1	-86.7		80	4.5	-4.4	-0.8	7.8
70	18894	19569	18384	-69.2	-45.5	-81.5		81	6.2	-6.1	-1	8.4
60	18003	20032	19291	-64	-42.3	-78.5		83	8.2	-8.1	-1	9.5
50	20952	21640	20108	-58.3	-31.1	-75.5		84	9.3	-9.3	-0.9	10.2
40	22366	23130	21533	-53.4	-33.5	-69.1		85	10.4	-10.4	-0.9	11.4
30	24236	25084	23427	-48.8	-31.1	-60.9		84	12.4	-12.3	-1.4	13.4
25	25413	26310	24665	-47.1	-32.1	-61.1		85	13.3	-13.2	-1.2	14.3
20	26907	27966	26240	-44.7	-25.5	-60.3		85	13.7	-13.7	-1.1	14.7
15	28815	29971	28052	-42.8	-24.1	-56.7		88	14.4	-14.4	-0.5	15.5
10	31607	32848	30903	-40.3	-25.1	-51.1		85	15.6	-15.5	-1.3	16.3
7	34070	35377	33314	-39.2	-22.3	-50.1		83	19.1	-19	-2.2	20.5

## FREEZING LEVEL

P	Height	H_max	H_min
532	5377	7270	3210

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
99	16911	-75.9

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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	989.1	995	947	27.3	32	24	25.2	90	1.2	-1.2	0	1.8
1000	-5	54	-44									
950	434	930	300	26.6	37.2	18.8	24	95	3.2	-3.2	0.3	6.2
925	681	744	623	25.6	31.7	18.6	22.6	100	2.8	-2.8	0.5	6.7
900	922	1006	858	24.4	35.8	16.8	21.5	106	2.9	-2.8	0.8	7
850	1422	1492	1348	21.8	32.4	11.6	18.6	107	2.4	-2.3	0.7	7.5
800	1947	2014	1850	18.9	28.2	10.8	15.7	96	1.8	-1.8	0.2	7.6
750	2500	2600	2390	15.9	24.2	6	12.6	94	1.6	-1.6	0.1	7.5
700	3084	3198	2979	12.9	20.6	2.8	9.1	90	1.4	-1.4	0	7.1
650	3706	3820	3590	9.8	17.4	-2.1	5	90	1.3	-1.3	0	6.8
600	4366	4493	4233	6.5	15	-7.1	0.8	90	1.3	-1.3	0	6.4
550	5085	5250	4923	2.8	11.8	-9.9	-3.3	90	1.3	-1.3	0	5.9
500	5843	6004	5669	-1.1	9.4	-12.5	-7.5	94	1.6	-1.6	0.1	5.8
450	6682	6890	6468	-5.6	3.8	-17.1	-12.5	99	1.9	-1.9	0.3	5.7
400	7593	7799	7369	-10.8	-2.1	-24.6	-18.1	101	2.6	-2.6	0.5	5.8
350	8608	8853	8371	-17	-8.7	-32.5	-25.3	95	3.2	-3.2	0.3	6.1
300	9733	9993	9497	-24.7	-15.9	-38.6	-33.2	92	3.7	-3.7	0.1	6.4
250	11051	11360	10752	-34.6	-23.3	-51.3	-43	86	4.6	-4.6	-0.3	7.1
200	12571	12895	12171	-47.4	-33.9	-63.5	-54.7	80	5.6	-5.5	-1	8.2
175	13442	13853	12977	-54.6	-39.7	-70.3	-59.9	76	6.2	-6	-1.5	8.9
150	14409	14794	13879	-62.5	-48.1	-78.9	-67.4	76	7	-6.8	-1.7	9.5
125	15512	15947	14916	-70	-54.3	-89.7	-73.3	73	8.2	-7.8	-2.4	10.5
100	16822	17442	16215	-74.8	-60.6	-89.7		72	10	-9.5	-3	11.7
80	18122	18807	17450	-72	-51.8	-85.7		71	12	-11.4	-3.9	13.4
70	18918	19630	18190	-68.5	-47.4	-82.7		73	13.2	-12.6	-3.8	14.2
60	18104	20092	19078	-63.4	-43.3	-79.1		76	13.5	-13.1	-3.3	14.4
50	20973	21819	20167	-58.3	-36.3	-77.3		79	14	-13.8	-2.6	14.8
40	22386	23147	21528	-54.2	-31.4	-69.5		80	14.5	-14.3	-2.4	15.2
30	24236	25071	23501	-50	-32.8	-67.1		81	17.3	-17.1	-2.6	17.9
25	25433	26280	24637	-48.1	-33.1	-60.5		83	19.2	-19.1	-2.2	19.7
20	26896	27849	26037	-46.1	-31.1	-59.3		85	22.4	-22.3	-2.1	22.9
15	28807	29853	27872	-43.7	-27.1	-54.9		85	22.9	-22.8	-1.8	23.6
10	31581	32539	30480	-41.1	-30.1	-53.7		85	25.4	-25.3	-2.2	25.8
7	34087	34840	33572	-38.2	-29.7	-43.5		86	27.1	-27	-1.9	27.6

## FREEZING LEVEL

P	Height	H_max	H_min
515	5633	7250	3430

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
103	16700	-76.2

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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	990.7	998	951	27.2	35.6	24	25.5	85	1.2	-1.2	-0.1	1.7
1000	23	61	-16									
950	447	521	320	26.6	35.4	20	24.3	92	3.5	-3.5	0.1	6.4
925	697	761	625	25.5	33.8	17	23.2	95	3.3	-3.3	0.3	6.6
900	937	1006	880	24.4	32.8	13.4	21.8	100	3.9	-3.8	0.7	7.3
850	1437	1512	1378	21.8	29.6	8.4	18.8	102	4	-3.9	0.8	7.6
800	1962	2043	1894	19	28.2	6.6	15.8	99	3.9	-3.9	0.6	7.6
750	2515	2606	2400	16.1	26.4	3.8	12.5	98	3.7	-3.7	0.5	7.2
700	3100	3203	2987	13.2	23.2	1.2	9	98	3.4	-3.4	0.5	6.7
650	3720	3840	3570	10.1	18.8	-1.3	5	99	3.2	-3.2	0.5	6.3
600	4382	4540	4217	6.6	16	-5.3	1	101	3.1	-3	0.6	5.8
550	5102	5270	4904	2.9	12.4	-8.1	-2.9	100	2.8	-2.8	0.5	5.3
500	5860	6055	5644	-1.2	10.2	-11.9	-7.5	100	2.8	-2.8	0.5	5.1
450	6697	6900	6450	-5.8	6.6	-16.1	-12.7	100	2.9	-2.9	0.5	4.9
400	7610	7847	7337	-11.1	-2.3	-20.1	-18.5	99	3.2	-3.2	0.5	5.2
350	8624	8870	8326	-17.5	-8.9	-26.1	-25.5	95	3.4	-3.4	0.3	5.5
300	9717	9982	9436	-25.3	-14.9	-37.3	-33.7	93	4.1	-4.1	0.2	6.1
250	11059	11391	10712	-35.3	-22.1	-49.9	-43.8	89	5	-5	-0.1	7.1
200	12573	12959	12166	-48.1	-32.1	-66.7	-56.1	84	5.4	-5.4	-0.6	8.1
175	13440	13859	12988	-55.6	-43.3	-73.1	-60.6	80	5.9	-5.8	-1	8.7
150	14404	14844	13903	-63.4	-49.9	-78	-68.2	79	6.6	-6.5	-1.3	9.2
125	15505	16002	14956	-70.8	-54.3	-85.1	-70.9	76	8.2	-8	-2	10.3
100	16810	17380	16238	-74.4	-57.9	-87.1		75	9.8	-9.5	-2.6	11.3
80	18115	18758	17528	-70.8	-51.1	-82.9		76	11.4	-11.1	-2.7	12.4
70	18919	19600	18313	-66.8	-45.3	-82.1		77	12	-11.7	-2.7	12.9
60	17864	19997	19233	-62.3	-42.9	-78.7		78	13.2	-12.9	-2.7	13.9
50	20990	21776	20497	-58.2	-41.7	-72.3		79	14.2	-13.9	-2.7	14.6
40	22403	23236	21940	-54.2	-37.9	-67.3		80	15.5	-15.2	-2.8	16
30	24261	25140	23765	-50.3	-33.5	-63.1		81	17.5	-17.3	-2.6	18.2
25	25441	26390	24929	-48.6	-32.7	-60.9		82	19.2	-19	-2.8	19.9
20	26918	27966	26329	-46.4	-30.9	-58.9		83	21.4	-21.2	-2.7	21.9
15	28771	29890	28199	-44.6	-27.1	-56.7		84	22.7	-22.6	-2.2	23.2
10	31613	32371	30991	-41.3	-31.1	-52.9		82	24.9	-24.7	-3.5	25.4
7	34125	34820	33467	-40.1	-30.1	-52.9		78	24.7	-24.2	-5.1	25.2

## FREEZING LEVEL

P	Height	H_max	H_min
515	5637	7290	3190

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
106	16523	-76

Gorakhpur

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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	994.5	1002	940	26.1	30	21	24.2	90	1.2	-1.2	0	1.7
1000	52	105	8	25.2	26.8	21	23.7	90	1.5	-1.5	0	1.5
950	479	590	350	26.1	35	19.2	22.8	94	2.8	-2.8	0.2	5.8
925	728	784	640	25	32.8	18.2	21.4	98	2.9	-2.9	0.4	5.9
900	969	1066	860	23.8	32.8	17.6	19.9	105	2.8	-2.7	0.7	6.5
850	1467	1553	1300	21.1	29.8	12.2	16.6	102	2.4	-2.3	0.5	6.8
800	1990	2079	1818	18.3	27.2	9.2	13	98	2.1	-2.1	0.3	6.8
750	2538	2640	2400	15.3	24.2	7.4	9.3	99	2	-2	0.3	6.7
700	3123	3249	2944	12.1	20.8	2.4	5.7	103	1.7	-1.7	0.4	6.3
650	3741	3900	3600	8.8	19	-2.7	1.6	115	1.7	-1.5	0.7	6.1
600	4399	4579	4215	5.3	15	-6.3	-2.4	132	1.5	-1.1	1	5.9
550	5115	5330	4900	1.6	12.2	-13.1	-6.6	163	1.4	-0.4	1.3	5.7
500	5867	6119	5673	-2.6	8.6	-16.1	-11.1	187	1.6	0.2	1.6	5.8
450	6701	6970	6495	-7.3	5.8	-21.1	-16.3	207	2	0.9	1.8	6.2
400	7607	7954	7310	-12.6	-1.3	-24.1	-21.9	217	2.5	1.5	2	6.4
350	8615	8920	8343	-19.1	-8.3	-30.3	-29.1	222	3	2	2.2	6.8
300	9684	9996	9443	-27	-14.3	-39.1	-36.8	226	3.2	2.3	2.2	7.4
250	11033	11448	10667	-36.9	-24.3	-52.3	-46.8	230	3.8	2.9	2.4	8.1
200	12537	12985	12087	-49.4	-37.1	-67.1	-59.5	234	3.6	2.9	2.1	8.8
175	13397	13873	12897	-56.6	-43.9	-74.5	-63.9	234	3.4	2.8	2	8.9
150	14359	14860	13783	-64	-50.1	-77.7	-64.8	234	2.9	2.3	1.7	8.7
125	15456	16029	14877	-71	-50.5	-84.1		231	1.9	1.5	1.2	8.3
100	16755	17317	16131	-75	-61.1	-86		111	0.9	-0.8	0.3	7.4
80	18056	18676	17437	-71	-54.1	-88.1		80	3.5	-3.4	-0.6	7
70	18862	19530	18244	-66.9	-49.1	-82.7		77	4.8	-4.7	-1.1	7.4
60	18203	19998	19193	-62.3	-41.7	-77.7		77	6.2	-6	-1.4	8
50	20928	21775	20383	-58	-38.3	-73.7		76	7.6	-7.4	-1.8	9.2
40	22344	23330	21817	-53.8	-31.9	-69.1		78	9.3	-9.1	-2	10.6
30	24195	25014	23594	-50.1	-28.9	-64.9		82	11.7	-11.6	-1.6	12.9
25	25364	26300	24764	-48.3	-30.5	-62.1		84	12.9	-12.8	-1.4	14.4
20	26826	28172	26189	-46.3	-32.1	-61.1		85	14	-13.9	-1.3	15.6
15	28681	29812	28052	-44.1	-28.5	-59.9		88	14.5	-14.5	-0.6	16
10	31425	32660	30702	-42.4	-27.5	-58.1		86	13.4	-13.4	-0.9	15.2
7	33769	34936	32877	-41.1	-19.1	-57.2		94	12.5	-12.5	0.8	17.3

## FREEZING LEVEL

P	Height	H max	H min
531	5400	7190	2390

## FIRST TROPOAUSE

P	Height	Temp

## SECOND TROPOAUSE

P	Height	Temp
105	16550	-76.3

Gorakhpur

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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	999.9	1008	991	22.1	29	14.6	20	45	0.1	-0.1	-0.1	0.4
1000	102	185	21	21.3	29.5	14.3	18.4	297	0.2	0.2	-0.1	0.9
950	522	598	389	24.5	35.4	13.7	16.4	301	0.6	0.5	-0.3	3.7
925	765	827	650	23.3	33.4	9.5	15.1	307	0.5	0.4	-0.3	3.6
900	1007	1099	926	21.9	31.2	7.6	12.4	302	0.9	0.8	-0.5	4
850	1501	1575	1409	18.8	27.6	8.1	8	299	1.3	1.1	-0.6	4.4
800	2018	2097	1928	15.7	24.4	4.9	3.6	298	1.5	1.3	-0.7	4.8
750	2557	2647	2427	12.5	21.4	2	-0.8	300	1.6	1.4	-0.8	5.1
700	3137	3254	3034	9.1	19.4	-1.8	-4.3	287	2.1	2	-0.6	5.5
650	3743	3868	3582	5.8	14.8	-4.1	-8.5	280	2.8	2.8	-0.5	5.8
600	4397	4536	4274	2.2	12.3	-7.7	-12.5	271	3.9	3.9	-0.1	6.6
550	5100	5252	4920	-1.7	8	-12.5	-15.4	267	5.5	5.5	0.3	8
500	5846	6026	5686	-6.2	3.6	-18.1	-19.4	264	7.5	7.5	0.8	10.1
450	6663	6866	6473	-11.3	-0.3	-24.1	-24.3	261	10	9.9	1.5	12.4
400	7558	7783	7328	-17.1	-4.1	-28.9	-29.3	260	12.6	12.4	2.1	15.1
350	8548	8796	8272	-23.6	-9.1	-34.5	-37.2	258	15.3	15	3.1	17.8
300	9656	9956	9337	-31.4	-17.3	-44.5	-44.5	256	18.2	17.7	4.3	20.7
250	10922	11295	10557	-40.8	-28.1	-59	-55.1	254	19.8	19.1	5.4	22.2
200	12403	12857	11993	-52.1	-35.7	-65	-66	253	20.9	20	6.1	22.8
175	13257	13753	12819	-58.4	-41.5	-71.9	-64.5	253	19.2	18.4	5.6	20.8
150	14212	14697	13742	-64.9	-42.7	-77.1	-63.3	254	17.6	16.9	4.8	19.2
125	15303	15855	14811	-71	-40.1	-85.1		255	14.7	14.2	3.7	16.2
100	16611	17181	16109	-73.8	-55.1	-85.7		257	9.9	9.7	2.2	11.6
80	17923	18506	17407	-70.1	-52.9	-82.9		262	5.5	5.4	0.8	8.2
70	18732	19360	18195	-66.1	-50.6	-79.9		272	3	3	-0.1	6.6
60	19049	20071	19114	-61.8	-46.7	-74.7		293	1.3	1.2	-0.5	6.2
50	20800	21541	20214	-57.8	-38.7	-71.1		39	0.6	-0.4	-0.5	5.4
40	22214	23039	21577	-54.2	-33.9	-70.3		62	1.7	-1.5	-0.8	5.7
30	24060	25010	23359	-50.7	-32.9	-67.9		71	1.8	-1.7	-0.6	6
25	25236	26260	24505	-48.9	-30.5	-66.9		80	2.2	-2.2	-0.4	6.8
20	26675	27860	25926	-47.5	-29.1	-66.1		75	1.6	-1.5	-0.4	6.8
15	28528	29392	27775	-46.3	-34.5	-64.9		117	0.2	-0.2	0.1	8.3
10	31278	32049	30372	-43.4	-33.7	-62.9		267	1.7	1.7	0.1	9.6
7	33597	34075	32957	-42.9	-36.1	-51.9		261	5.1	5	0.8	12.1

## FREEZING LEVEL

P	Height	H max	H min
573	4790	6450	3200

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
108	16227	-74.9

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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	1003.7	1011	996	16.3	23	10	13.7	270	0.1	0.1	0	0.2
1000	120	182	27	17	27.3	10.3	13.8	304	0.4	0.3	-0.2	1.1
950	547	610	440	20.5	32	10.2	9.8	297	1.8	1.6	-0.8	3.8
925	786	842	700	19.4	30.4	7.4	8.9	295	1.7	1.5	-0.7	3.7
900	1024	1088	911	18	28.6	6.4	5.9	295	1.9	1.7	-0.8	4
850	1511	1586	1399	15.2	25.6	5	1.5	293	2.1	1.9	-0.8	4.7
800	2021	2125	1913	12.4	23.2	2.2	-3	294	2.4	2.2	-1	5.4
750	2556	2663	2450	9.6	21.2	0.4	-6.9	288	3.2	3	-1	6.5
700	3128	3245	3023	6.8	18.8	-4.1	-10.3	284	4.4	4.3	-1.1	7.6
650	3730	3859	3600	3.6	16.2	-5.7	-14.2	280	6.1	6	-1.1	9.1
600	4377	4517	4224	0	13.8	-12.4	-17.4	278	8.2	8.1	-1.1	10.8
550	5073	5250	4928	-4.2	10	-16.7	-19.9	275	10.7	10.7	-0.9	13.3
500	5812	5977	5643	-9.2	5.6	-21.9	-26	273	13.4	13.4	-0.8	16
450	6616	6850	6415	-14.7	1	-28.8	-30.9	271	16.4	16.4	-0.4	19.2
400	7501	7766	7252	-20.9	-5.9	-35.2	-35.4	270	19.9	19.9	0.1	22.6
350	8475	8799	8182	-27.6	-12.9	-41.8	-42.2	268	23.5	23.5	1	26.1
300	9567	9960	9223	-35	-21.1	-50	-49.9	265	26.5	26.4	2.5	29
250	10816	11282	10431	-43.4	-28.3	-61.2	-59.2	262	27.1	26.8	3.8	29.6
200	12285	12934	11798	-53.3	-41.7	-73.6	-69.6	260	23.6	23.2	4.1	25.7
175	13133	13714	12574	-58.7	-45.3	-80.5	-61.2	259	19.9	19.5	3.8	21.7
150	14088	14701	13468	-64.3	-50.3	-76.7	-66.4	259	16.4	16.1	3	17.9
125	15188	15816	14530	-69.3	-50.1	-85.1	-65.5	260	12.5	12.3	2.1	13.5
100	16510	17400	16006	-72.3	-53.9	-84.9		261	8	7.9	1.2	9
80	17819	18487	17273	-70.7	-53.4	-86.3		266	5.3	5.3	0.4	6.4
70	18619	19330	18106	-67.8	-48.6	-80.7		270	3.8	3.8	0	5
60	19334	19997	19041	-64	-44	-78.1		274	2.8	2.8	-0.2	3.9
50	20675	21500	20144	-59.7	-43.3	-75.7		285	1.6	1.5	-0.4	3.2
40	22079	22756	21515	-55.6	-36.3	-75.7		291	1.4	1.3	-0.5	2.7
30	23914	24693	23342	-52	-36.4	-75.1		286	1.5	1.4	-0.4	3.1
25	25083	25910	24512	-50.2	-34	-72.3		292	1.8	1.7	-0.7	3.2
20	26544	27488	25907	-48.5	-33	-70.1		277	2.3	2.3	-0.3	3.8
15	28398	29424	27728	-47.2	-29.7	-72.2		279	2.6	2.6	-0.4	4.1
10	31122	32180	30201	-45.5	-27.3	-67.3		265	6.3	6.3	0.6	7.7
7	33459	34190	32652	-44.1	-27.7	-59.3		263	11.1	11	1.3	12.8

## FREEZING LEVEL

P	Height	H_max	H_min
603	4366	6690	2560

## FIRST TROPOPAUSE

P	Height	Temp

## SECOND TROPOPAUSE

P	Height	Temp
106	16253	-73.6

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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	1006	1013	997	12.1	17.6	6	10.1	270	0.1	0.1	0	0.3
1000	137	198	63	13	21.3	5.8	10	300	0.8	0.7	-0.4	1.6
950	561	640	440	16.1	25.4	4.8	6.9	293	1.5	1.4	-0.6	3.8
925	796	880	720	14.9	23.8	3.3	4.8	288	1.3	1.2	-0.4	3.5
900	1029	1111	854	14.1	24.8	2.9	2.1	287	1.7	1.6	-0.5	4.1
850	1509	1592	1329	12	24.8	1.1	-2.7	288	2.3	2.2	-0.7	5
800	2015	2100	1822	9.8	21.8	0	-7.2	287	3.4	3.2	-1	6.2
750	2546	2650	2370	7.6	19	-3.9	-10.1	287	5.1	4.9	-1.5	7.9
700	3113	3232	2898	5.2	16.8	-6.9	-13.5	286	7.3	7	-2	9.7
650	3712	3850	3480	1.9	14	-9.7	-16.5	284	9.5	9.2	-2.3	11.6
600	4356	4517	4098	-1.8	10.8	-14.5	-19.7	280	11.6	11.4	-2.1	13.8
550	5046	5250	4800	-6.3	8.8	-18.9	-23.3	277	14.1	14	-1.8	16.3
500	5779	6005	5478	-11.4	1.8	-24.9	-27.3	274	16.8	16.7	-1.3	19.2
450	6578	6890	6280	-16.9	19.4	-29.7	-31.4	272	20	20	-0.8	22.7
400	7453	7762	7127	-23.1	-9.5	-37.1	-37.8	271	22	22	-0.4	24.7
350	8417	8800	8087	-29.9	-16.7	-43.9	-43.7	270	23.5	23.5	0.1	25.9
300	9499	9914	9108	-37.5	-22.1	-57.1	-50.1	268	24.1	24.1	0.9	26.6
250	10735	11204	10269	-45.8	-27.7	-62.1	-58.4	269	22.2	22.2	0.5	24
200	12187	12710	11657	-54.9	-35.7	-67.7	-68.2	266	17.6	17.6	1.2	18.8
175	13030	13571	12474	-59.3	-39.9	-72.5	-63.4	266	15.1	15.1	1.1	16
150	13987	14532	13406	-63.6	-45.1	-76.8	-67.8	265	12	11.9	1.1	12.6
125	15095	15674	14484	-67.8	-47.7	-78.5		265	9.2	9.2	0.8	9.6
100	16430	17058	15797	-71.1	-56.3	-83.9		267	7.5	7.5	0.4	7.9
80	17749	18457	17095	-70.7	-53.1	-84.9		267	5.1	5.1	0.3	5.4
70	18545	19279	17873	-69	-51.3	-83.1		269	4.2	4.2	0.1	4.5
60	19094	19974	18780	-65.6	-44.1	-79.1		268	3.3	3.3	0.1	3.8
50	20578	21353	19865	-62.1	-43.7	-77.5		270	2.8	2.8	0	3.5
40	21972	22793	21213	-57.9	-40.9	-71.5		274	1.6	1.6	-0.1	2.8
30	23787	24719	22997	-53.8	-34.5	-67.5		294	1.2	1.1	-0.5	2
25	24937	25983	24142	-52.1	-33.9	-65.9		283	1.3	1.3	-0.3	2.3
20	26390	27887	25724	-50.1	-31.3	-63.9		272	2.3	2.3	-0.1	2.7
15	28244	29317	27536	-47.7	-31.7	-62.1		278	1.5	1.5	-0.2	2.8
10	31022	32131	30071	-43.1	-30.3	-58.9		261	0.6	0.6	0.1	1.1
7	33407	34399	32706	-41.1	-31.7	-57.1						

## FREEZING LEVEL

P	Height	H_max	H_min
627	4030	6210	2100

## FIRST TROPOPAUSE

P	Height	Temp
168	13327	-63.5

## SECOND TROPOPAUSE

P	Height	Temp
104	16294	-72.9