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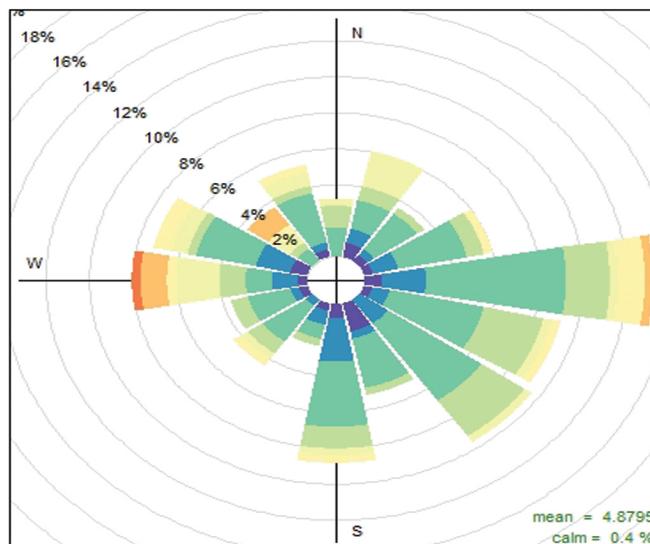
भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

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)



কলকাতা
KOLKATA

सितम्बर २०३०

SEPTEMBER 2020



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कोलकाता
KOLKATA

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 **Kolkata** (Latitude 22°39'N, Longitude 88°27'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

Table of content

SN	Items	Page number
1	Windrose diagram and table for level of 1000 hpa and 925 hpa for January	<u>1</u>
2	Windrose diagram and table for level of 850 hpa and 700 hpa for January	<u>2</u>
3	Windrose diagram and table for level of 500 hpa and 300 hpa for January	<u>3</u>
4	Windrose diagram and table for level of 200 hpa and 100 hpa for January	<u>4</u>
5	Windrose diagram and table for level of 1000 hpa and 925 hpa for February	<u>5</u>
6	Windrose diagram and table for level of 850 hpa and 700 hpa for February	<u>6</u>
7	Windrose diagram and table for level of 500 hpa and 300 hpa for February	<u>7</u>
8	Windrose diagram and table for level of 200 hpa and 100 hpa for February	<u>8</u>
9	Windrose diagram and table for level of 1000 hpa and 925 hpa for March	<u>9</u>
10	Windrose diagram and table for level of 850 hpa and 700 hpa for March	<u>10</u>
11	Windrose diagram and table for level of 500 hpa and 300 hpa for March	<u>11</u>
12	Windrose diagram and table for level of 200 hpa and 100 hpa for March	<u>12</u>
13	Windrose diagram and table for level of 1000 hpa and 925 hpa for April	<u>13</u>
14	Windrose diagram and table for level of 850 hpa and 700 hpa for April	<u>14</u>
15	Windrose diagram and table for level of 500 hpa and 300 hpa for April	<u>15</u>
16	Windrose diagram and table for level of 200 hpa and 100 hpa for April	<u>16</u>
17	Windrose diagram and table for level of 1000 hpa and 925 hpa for May	<u>17</u>
18	Windrose diagram and table for level of 850 hpa and 700 hpa for May	<u>18</u>
19	Windrose diagram and table for level of 500 hpa and 300 hpa for May	<u>19</u>
20	Windrose diagram and table for level of 200 hpa and 100 hpa for May	<u>20</u>
21	Windrose diagram and table for level of 1000 hpa and 925 hpa for June	<u>21</u>
22	Windrose diagram and table for level of 850 hpa and 700 hpa for June	<u>22</u>
23	Windrose diagram and table for level of 500 hpa and 300 hpa for June	<u>23</u>
24	Windrose diagram and table for level of 200 hpa and 100 hpa for June	<u>24</u>

SN	Items	Page number
25	Windrose diagram and table for level of 1000 hpa and 925 hpa for July	25
26	Windrose diagram and table for level of 850 hpa and 700 hpa for July	26
27	Windrose diagram and table for level of 500 hpa and 300 hpa for July	27
28	Windrose diagram and table for level of 200 hpa and 100 hpa for July	28
29	Windrose diagram and table for level of 1000 hpa and 925 hpa for August	29
30	Windrose diagram and table for level of 850 hpa and 700 hpa for August	30
31	Windrose diagram and table for level of 500 hpa and 300 hpa for August	31
32	Windrose diagram and table for level of 200 hpa and 100 hpa for August	32
33	Windrose diagram and table for level of 1000 hpa and 925 hpa for September	33
34	Windrose diagram and table for level of 850 hpa and 700 hpa for September	34
35	Windrose diagram and table for level of 500 hpa and 300 hpa for September	35
36	Windrose diagram and table for level of 200 hpa and 100 hpa for September	36
37	Windrose diagram and table for level of 1000 hpa and 925 hpa for October	37
38	Windrose diagram and table for level of 850 hpa and 700 hpa for October	38
39	Windrose diagram and table for level of 500 hpa and 300 hpa for October	39
40	Windrose diagram and table for level of 200 hpa and 100 hpa for October	40
41	Windrose diagram and table for level of 1000 hpa and 925 hpa for November	41
42	Windrose diagram and table for level of 850 hpa and 700 hpa for November	42
43	Windrose diagram and table for level of 500 hpa and 300 hpa for November	43
44	Windrose diagram and table for level of 200 hpa and 100 hpa for November	44
45	Windrose diagram and table for level of 1000 hpa and 925 hpa for December	45
46	Windrose diagram and table for level of 850 hpa and 700 hpa for December	46
47	Windrose diagram and table for level of 500 hpa and 300 hpa for December	47
48	Windrose diagram and table for level of 200 hpa and 100 hpa for December	48

SN	Items	Page number
49	Monthly normals for the month January	49
50	Monthly normals for the month February	50
51	Monthly normals for the month March	51
52	Monthly normals for the month April	52
53	Monthly normals for the month May	53
54	Monthly normals for the month June	54
55	Monthly normals for the month July	55
56	Monthly normals for the month August	56
57	Monthly normals for the month September	57
58	Monthly normals for the month October	58
59	Monthly normals for the month November	59
60	Monthly normals for the month December	60

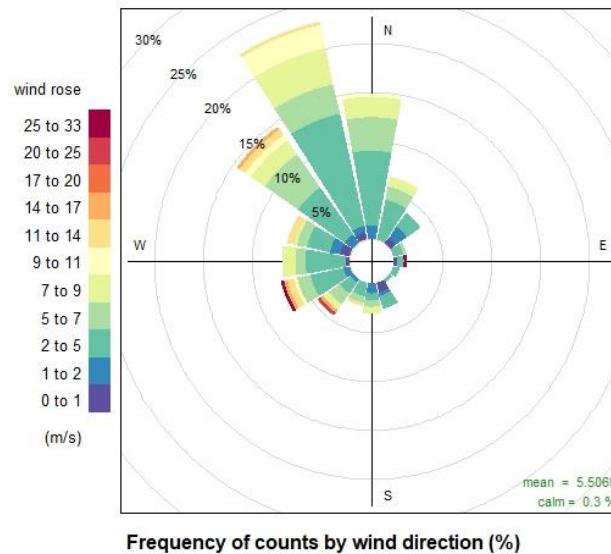
Description of various terms used in the table (Normals of Radiosonde data)

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

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

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

Interpretation of wind rose diagrams:



A wind rose diagrams at different upper air levels give 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 comprise 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.

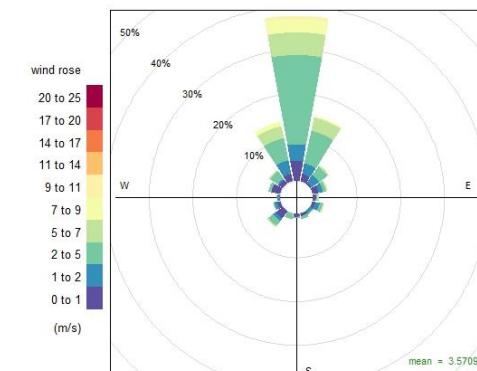
The circular format of the wind rose shows the direction the winds blew from and the length of each "spoke" around the circle shows how often the wind blew from that direction.

Kolkata

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	2	4.5	3.8	20.4	5.2	3.1	0.7	0	0	0	0	0
12-33		1.7	2.4	7.6	3.1	0.3	0	0	0	0	0	0
34-56		0.3	2.1	2.4	0.3	0	0	0	0	0	0	0
57-78		1.4	1	0.7	0.3	0	0	0	0	0	0	0
79-101		0.7	0	0.3	0.3	0	0	0	0	0	0	0
102-123		0.7	1	0.7	0.3	0	0	0	0	0	0	0
124-146		0	0.7	0.3	0	0	0	0	0	0	0	0
147-168		0.7	0	0.7	0	0	0	0	0	0	0	0
168-191		0.7	0	0.3	0	0	0	0	0	0	0	0
192-213		0	0	1.4	0	0	0	0	0	0	0	0
214-236		2.1	0.7	1.4	0.3	0	0	0	0	0	0	0
237-258		0.7	0.7	0.3	0	0	0	0	0	0	0	0
259-281		0	0.7	0	0	0	0	0	0	0	0	0
282-303		2.1	0	0.7	0	0	0	0	0	0	0	0
304-326		1	0.3	2.1	0.3	0	0	0	0	0	0	0
327-348		1.7	3.1	5.2	2.8	1	0	0	0	0	0	0

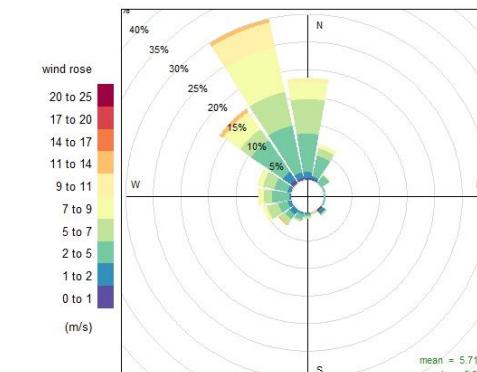


Kolkata

January

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	1	6.9	6.2	3.1	0.7	0	0	0	0	0
12-33		0.3	0.3	3.8	1.4	0.7	0	0	0	0	0	0
34-56		0	0	1.7	0	0.3	0	0	0	0	0	0
57-78		0	0	0.3	0	0	0	0	0	0	0	0
79-101		0	0	0.3	0	0	0	0	0	0	0	0
102-123		0	0	0.3	0	0	0	0	0	0	0	0
124-146		0.3	0.7	0	0.3	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0.3	0	0	0	0
168-191		0	0.3	0.3	0.3	0	0	0	0	0	0	0
192-213		0	0.3	1	0.3	0	0	0	0	0	0	0
214-236		0	1	1	1	0	0	0.3	0	0	0	0
237-258		0	0.7	1.7	2.1	0.7	0	0	0	0	0	0
259-281		0	0.3	3.1	1.4	0.7	0.3	0	0	0	0	0
282-303		0	0.7	2.4	2.1	0.7	0.3	0	0	0	0	0
304-326		0.7	1.7	6.9	2.4	3.5	0.3	0.7	0	0	0	0
327-348		0.3	1	8.7	6.2	8.3	4.5	0.7	0	0	0	0

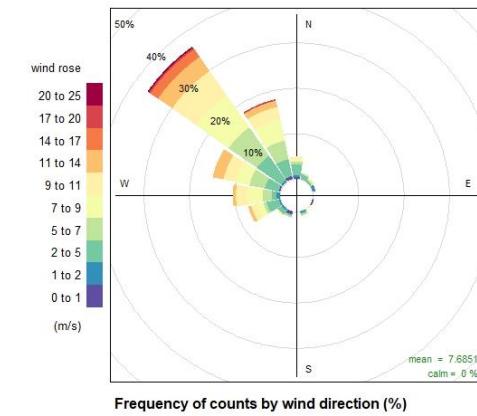


Kolkata

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	0.3	0.3	2.4	0.7	0.7	0.3	0	0	0	0	0
12-33		0	0	1	0.3	0	0	0	0	0	0	0
34-56		0	0	0.3	0.3	0	0.3	0	0	0	0	0
57-78		0	0.7	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0.3	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0.3	0	0	0	0	0	0
147-168		0	0	0.3	0.3	0	0	0	0	0	0	0
168-191		0	0.3	0	0	0	0	0	0	0	0	0
192-213		0.7	0	0.3	0.3	0	0	0	0	0	0	0
214-236		0	0.3	1	0	0	0.3	0	0	0	0	0
237-258		0	0.3	2.8	0.7	1.4	1.4	0.7	0	0	0	0
259-281		0	0.7	1	2.1	3.5	2.4	0.7	0	0	0	0
282-303		0.3	0	3.1	3.5	3.1	2.8	2.4	0	0	0	0
304-326		0	0.3	6.6	7.6	8.7	6.6	3.8	2.1	0.3	0.3	0
327-348		0.7	0	3.8	4.2	4.8	2.8	1.4	0	0.3	0	0

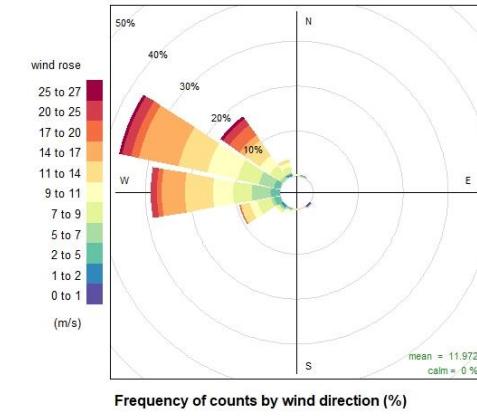


Kolkata

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	0.3	0	0	0	0	0
12-33		0	0	0.3	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		0.3	0	0	0.3	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	0.3	0	0	0	0	0	0
192-213		0	0	0.3	0	0.3	0	0	0	0	0	0
214-236		0	0.3	0.3	0.3	0.7	0.3	0	0	0	0	0
237-258		0	0	1.4	0.7	3.1	1.7	2.1	0	0.3	0	0
259-281		0	0	2.1	4.2	4.2	4.5	6.2	5.2	1	1.4	0
282-303		0	0	1.4	3.5	4.8	6.9	6.6	9	1.7	2.1	0.7
304-326		0	0	0	0.7	2.8	2.8	4.2	1.4	2.8	1.7	0.7
327-348		0	0.3	0.3	0	1.4	1	0.7	0	0	0	0

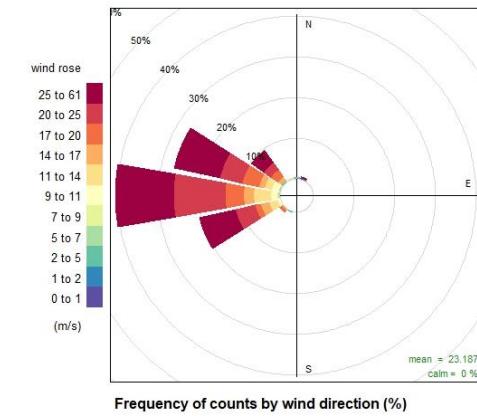


Kolkata

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	0.4	0	0	0	0	0	0	0	0
12-33		0.4	0	0	0	0	0	0	0	0	0	0.4
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	0.4	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0.4	0.7	0	0	0
237-258		0	0	0	0	0	0.7	2.1	2.1	1.4	4.9	9.2
259-281		0	0	0	0.4	0.4	1.4	4.2	2.5	4.6	12.7	14.4
282-303		0	0	0	0.4	0	1.8	1.8	1.4	4.2	5.6	11.6
304-326		0	0	0.4	0	0	0	0	1.1	2.1	2.1	3.9
327-348		0	0	0	0	0	0	0.4	0	0	0	0

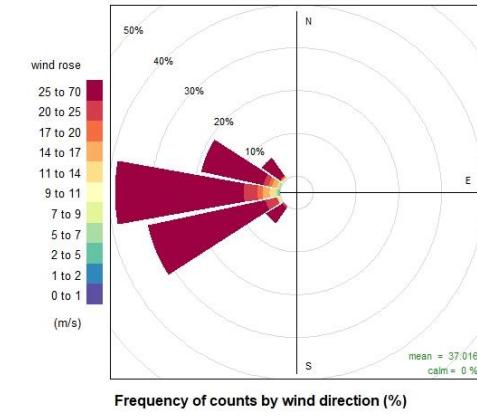


Kolkata

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	0.4	4.4
237-258		0	0	0	0	0.4	0	0.4	0	0	2.8	28.1
259-281		0	0	0.4	0.4	0	0	1.6	1.6	1.2	3.2	30.1
282-303		0	0	0	0.4	0	0	0.4	1.2	0.8	1.2	14.9
304-326		0	0	0	0.4	0	0	0	0	0.4	0	5.2
327-348		0	0	0	0	0	0	0	0	0	0	0

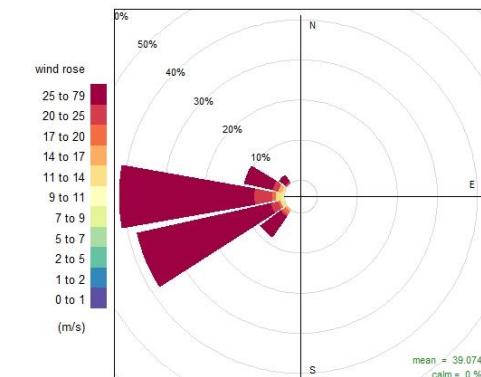


Kolkata

January

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
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	0.5	1	0.5	6.4	
237-258		0	0	0	0	0	0	1	0	0.5	2	34.3
259-281		0	0	0	0.5	0	1.5	0	1	4.4	33.8	
282-303		0	0	0	0	0	0.5	1	0	1.5	7.4	
304-326		0	0	0	0	0	0	0	0	0	0.5	2
327-348		0	0	0	0	0	0	0	0	0	0	0

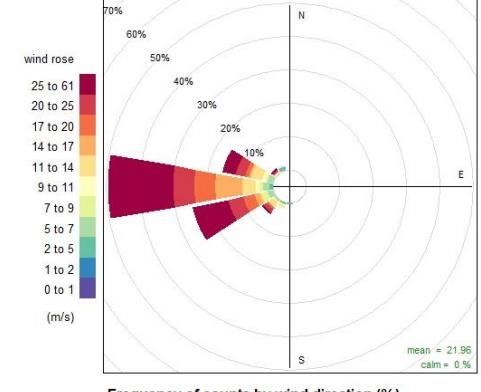


Kolkata

January

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
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	0.6	0	0	0	0	0	0	0	0
192-213		0	0	0.6	0	0	0.6	0.6	0	0	0	0
214-236		0	0	0	0.6	0.6	0	1.7	0	0.6	1.1	0.6
237-258		0	0	0	1.7	1.7	0	0.6	1.7	3.4	4.6	10.9
259-281		0	0	1.1	1.7	1.1	1.1	4	8	6.3	6.3	19.5
282-303		0	0	0	1.7	0.6	1.1	3.4	0.6	1.1	2.9	4
304-326		0	0	0	0	0.6	0	0	0	0	0.6	0.6
327-348		0	0	1.1	0	0	0	0	0	0	0	0

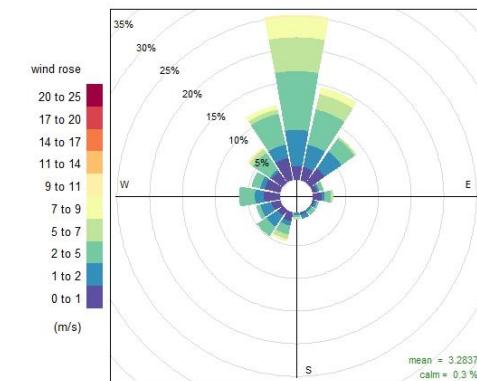


Kolkata

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	0	2.1	5.5	9	5.2	3.1	0.3	0	0	0	0	0
12-33		2.1	3.5	5.5	2.4	1	0	0	0	0	0	0
34-56		2.8	3.1	2.4	0.3	0	0	0	0	0	0	0
57-78		0.7	0.3	0.7	0	0	0	0	0	0	0	0
79-101		1.4	0.3	1	0.3	0	0	0	0	0	0	0
102-123		0.3	0.3	0.3	0	0	0	0	0	0	0	0
124-146		0	0.3	0.7	0	0	0	0	0	0	0	0
147-168		0.3	0.7	0	0	0	0	0	0	0	0	0
168-191		0	0.3	0.3	0.3	0	0	0	0	0	0	0
192-213		1.4	0.7	1.4	0.7	0	0.3	0	0	0	0	0
214-236		1	2.1	1.7	0	0	0	0	0	0	0	0
237-258		1.4	1.7	0.7	0	0	0	0	0	0	0	0
259-281		2.4	1.4	2.4	0	0	0	0	0	0	0	0
282-303		2.4	0.7	1.4	0	0	0	0	0	0	0	0
304-326		2.1	0.3	3.1	0.7	0	0.3	0	0	0	0	0
327-348		3.5	2.1	4.8	0.7	0.7	0	0	0	0	0	0

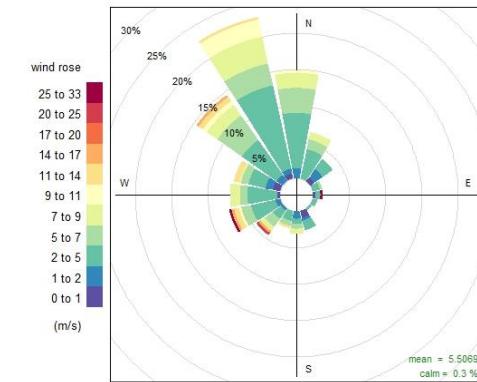


Kolkata

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	1.4	7.6	3.4	2.1	0.3	0	0	0	0	0
12-33		0	0	4.1	1.4	1	0	0	0	0	0	0
34-56		0.7	1.4	1.7	0	0	0	0	0	0	0	0
57-78		0	0	1	0.3	0	0	0	0	0	0	0
79-101		0.3	0	0.7	0	0	0	0	0	0	0	0.3
102-123		0	0	0.7	0	0	0	0	0	0	0	0
124-146		0	0	0.3	0	0	0	0	0	0	0	0
147-168		1	0.3	1.4	0	0	0	0	0	0	0	0
168-191		0	1	0.7	0.7	0.7	0	0	0	0	0	0
192-213		0	0	1.4	0.7	0	0	0.3	0	0	0	0
214-236		0	0.3	1.4	1.4	0.7	0	0	0.3	0	0.3	0
237-258		0	0.7	3.4	1.4	0	0.3	0.7	0.3	0	0	0.3
259-281		0.3	0	4.1	1	1.4	0	0	0	0	0	0
282-303		1	1	2.4	1	0.3	0	0.7	0	0	0	0
304-326		0	1	5.9	4.1	1.7	0.7	0.7	0.3	0	0	0
327-348		0.7	0.7	11.7	3.1	3.8	2.4	0.3	0	0	0	0

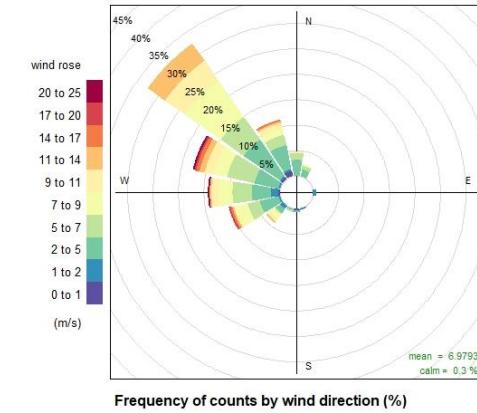


Kolkata

February

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	3.1	1.4	0	0.3	0	0	0	0	0
12-33		0	0	1.4	0.7	0.3	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	0.7	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	0	0	0	0	0	0	0	0	0
168-191		0.3	0	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0.3	0.3	0	0	0	0	0	0	0
214-236		0	0.7	1	0.3	1	0.7	0.3	0	0	0	0
237-258		0	0.3	3.8	2.4	2.8	0	0.3	0.3	0.3	0	0
259-281		0.3	1.4	3.8	3.8	2.8	1.4	0.3	0	0	0.3	0
282-303		0	0.3	4.8	5.5	2.8	1.7	1	0.7	0.3	0.3	0
304-326		0.3	0.3	8.6	5.5	8.6	4.8	4.1	0	0	0	0
327-348		1	0.3	4.8	2.1	1.4	1	0.3	0.3	0	0	0

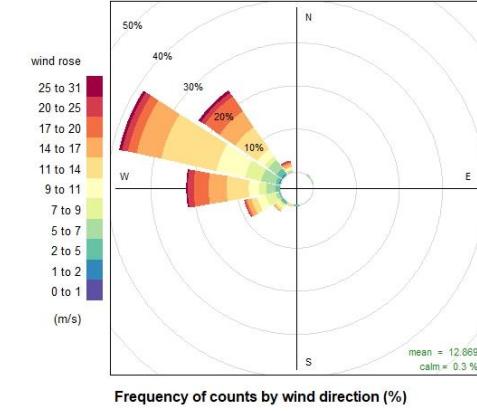


Kolkata

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
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0.3	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	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0.7	0	0	0	0
214-236		0	0	0.7	0	0.7	0.3	0.7	0.3	0	0	0
237-258		0	0	0.3	0.7	2.4	2.1	1.4	1	0.3	0.3	0
259-281		0	0	1	2.1	1.7	2.4	5.2	4.1	3.4	1.4	0.3
282-303		0	0.3	0.7	3.4	3.8	6.9	13.1	5.9	2.1	1.4	0.7
304-326		0	0.3	1.4	2.4	1	2.1	6.2	4.5	4.1	1	0.7
327-348		0	0	0	0.3	0.3	0.3	0.3	0.7	0.3	0.3	0

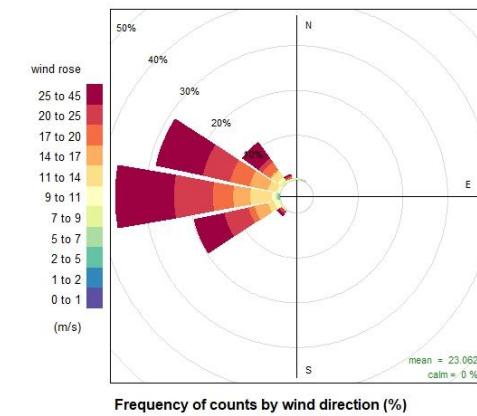


Kolkata

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	0.3	0	0	0	0	0	0
12-33		0	0	0	0.3	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	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	0.3	0	0	0.7	0.7	0.7
237-258		0	0	0	0.3	1	1.4	3.1	1.4	5.6	6.9	
259-281		0	0	0.3	0.3	0.7	4.9	3.8	4.5	8.7	13.2	
282-303		0	0	0	0	0.7	2.1	4.2	4.5	6.2	10.8	
304-326		0	0	0	0	0.7	0.7	1.7	0.3	2.1	1	4.5
327-348		0	0	0	0	0.3	0	0	0.3	0.3	0.3	0.3

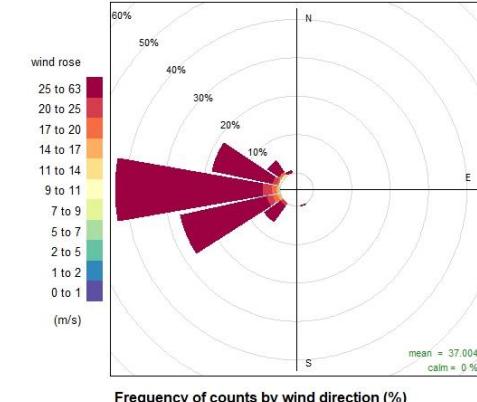


Kolkata

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	0.4
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	0.8	5.3
237-258		0	0	0	0	0	0	0.8	1.2	1.6	23.1	
259-281		0	0	0	0.4	0	0	0.4	1.2	2.4	38.5	
282-303		0	0	0	0	0.4	0	0	0.4	1.2	16.2	
304-326		0	0	0	0	0.4	0	0	0.8	0	3.6	
327-348		0	0	0	0	0	0	0	0	0	0	0.8

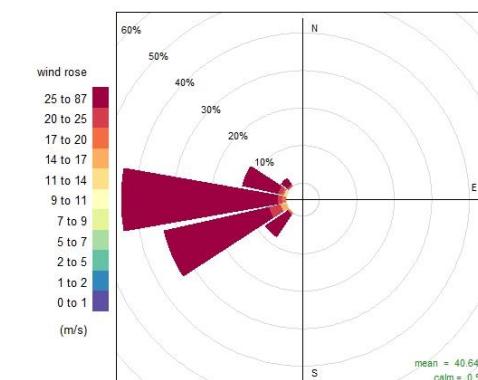


Kolkata

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	0.5	0	7.3	
237-258		0	0	0	0	0	0	0	1.6	0	3.1	28.8
259-281		0	0	0	0	0	0	0	0	1	1	41.9
282-303		0	0	0	0	0	0.5	0	0.5	1	1	9.9
304-326		0	0	0	0	0	0	0	0	0	0.5	2.1
327-348		0	0	0	0	0	0	0	0	0	0	0

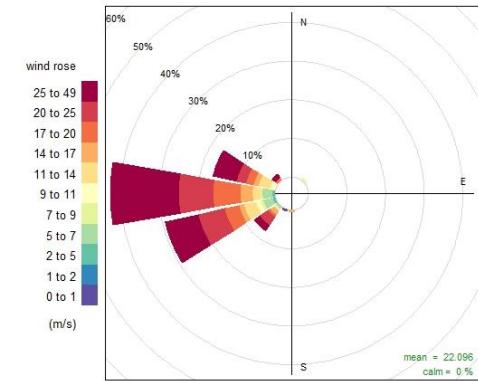


Kolkata

February

100 hPa level

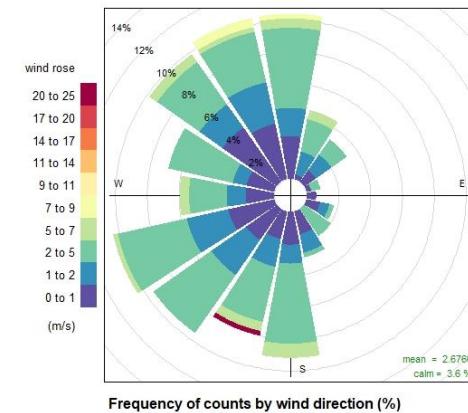
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0.6	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0.6	0	0	0
192-213	0.6	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0.6	0.6	0	0	1.3	0.6	2.5	1.9	
237-258	0	0	0.6	2.5	0.6	1.3	3.2	1.3	3.8	7	8.9	
259-281	0	0	0.6	2.5	0.6	0	1.9	3.2	7	8.9	17.8	
282-303	0	0	0	0	0	1.3	3.2	1.3	1.9	2.5	6.4	
304-326	0	0	0	0	0	0	0	0	0.6	0	1.3	
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Kolkata

March 1000 hPa level

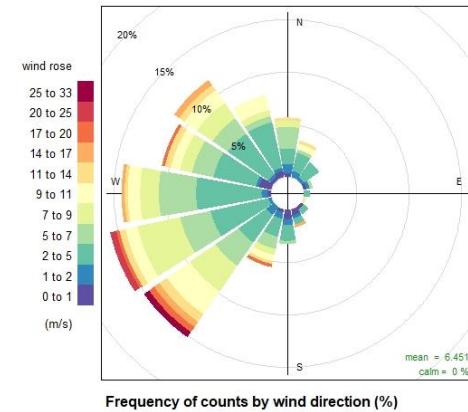
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	5	2.7	1.8	5	0.6	0.3	0	0	0	0	0	0
12-33		0.3	1.5	2.1	0.6	0	0	0	0	0	0	0
34-56		0.9	1.2	1.2	0	0	0	0	0	0	0	0
57-78		0.3	0	0.6	0	0	0	0	0	0	0	0
79-101		0.6	0	0	0	0	0	0	0	0	0	0
102-123		0.9	0.6	0.3	0	0	0	0	0	0	0	0
124-146		0	0	2.1	0	0	0	0	0	0	0	0
147-168		1.5	1.2	0.3	0	0	0	0	0	0	0	0
168-191		2.1	1.2	5	0.9	0	0	0	0	0	0	0
192-213		1.8	1.8	3.6	0.6	0	0	0	0	0	0.3	0
214-236		2.4	2.7	4.5	0	0	0	0	0	0	0	0
237-258		3	2.7	4.5	0.3	0	0	0	0	0	0	0
259-281		1.8	1.2	2.4	0.6	0	0	0	0	0	0	0
282-303		1.8	0.9	4.2	0	0	0	0	0	0	0	0
304-326		4.2	1.8	3.3	0.6	0	0	0	0	0	0	0
327-348		3.6	2.7	3.3	0.3	0.6	0	0	0	0	0	0



Kolkata

March 925 hPa level

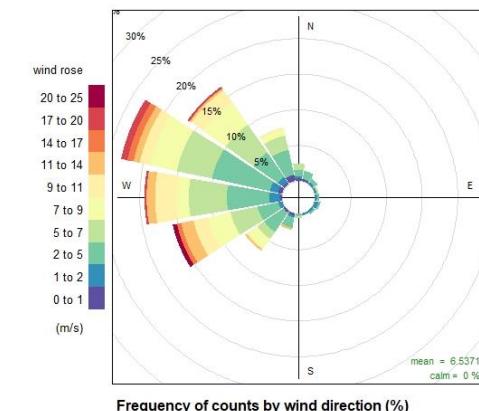
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0.9	1.5	2.1	0.6	0	0.3	0	0	0	0
12-33		0	0.6	1.8	0.3	0	0.6	0.3	0	0	0	0
34-56		0	0.3	1.8	0	0	0	0	0	0	0	0
57-78		0.3	0.3	0	0.3	0	0	0	0	0	0	0
79-101		0	0	0.6	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0.3	0	0	0	0	0	0
124-146		0.3	0	0.6	0	0	0	0	0	0	0	0
147-168		0.6	0.3	0.6	0	0	0	0.3	0	0	0	0
168-191		0.9	0.6	1.5	0.3	0	0	0	0	0	0	0
192-213		0.3	0.6	1.8	1.2	0.6	0.6	0.3	0	0.3	0	0
214-236		0	0.9	3.3	2.7	3	2.7	0.9	0.6	0.6	0	0.6
237-258		0	0.3	5.6	3	4.2	1.2	0.6	0	0.3	0.6	0
259-281		0.3	0.6	6.2	3.6	1.8	1.2	0.3	0.3	0	0	0
282-303		1.2	0.3	4.2	2.1	1.2	0.9	0.6	0	0.3	0	0
304-326		0.3	0.3	4.7	1.8	1.8	1.5	0.6	0.6	0	0	0
327-348		0.6	0.3	4.5	0.6	0.6	1.5	0	0	0	0	0



Kolkata

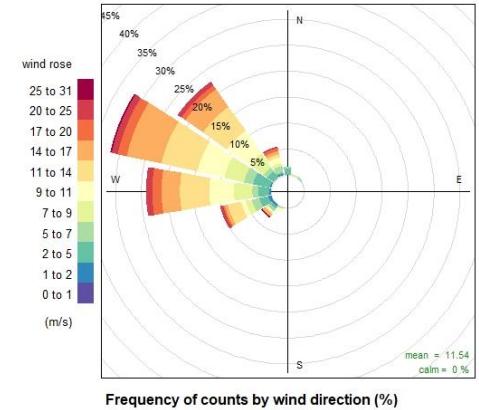
March 850 hPa level

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		0.3	0.3	0.9	0.9	0	0	0	0	0	0	0
12-33		0.3	0	1.2	0	0	0	0	0	0	0	0
34-56		0	0.3	0.6	0	0	0	0	0	0	0	0
57-78		0	0.3	0	0.3	0	0	0	0	0	0	0
79-101		0	0.3	0.3	0	0	0	0	0	0	0	0
102-123		0	0.6	0.3	0	0	0	0	0	0	0	0
124-146		0	0.3	0.3	0	0	0	0	0	0	0	0
147-168		0	0.3	0	0	0	0	0	0	0	0	0
168-191		0	0	0.3	0.3	0	0	0	0	0	0	0
192-213		0.3	0.3	1.5	0	0	0	0.3	0	0	0	0
214-236		0.3	0	3.3	1.2	1.5	0.3	0.3	0	0	0	0
237-258		0	0.6	3	3.9	3.3	2.1	1.8	0.6	0	0.6	0
259-281		0.3	1.5	5.9	5.3	1.8	3	1.2	0	0.3	0	0
282-303		0.6	1.2	8.3	5	3.9	1.5	0.9	0.9	0.9	0	0
304-326		0.3	0.9	4.2	4.7	3.9	2.1	0.3	0	0.3	0	0
327-348		0.9	0	3.6	2.1	0.9	0.3	0	0	0	0	0



Kolkata March 700 hPa level

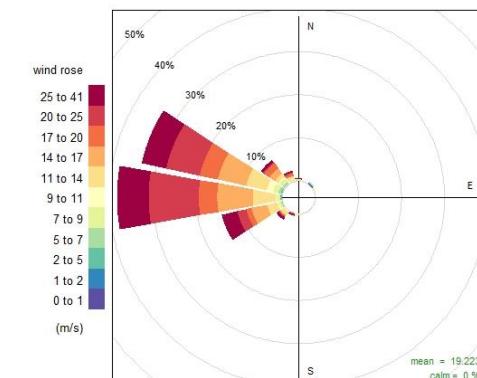
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.2	0.3	0	0	0	0	0	0	0
12-33		0	0	0	0	0.3	0	0	0	0	0	0
34-56		0	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0.3	0	0.6	0	0	0	0	0
214-236		0	0.3	0.6	0.6	0	0.3	0.3	0.6	0	0	0.3
237-258		0	0.6	1.8	1.5	1.2	0.9	2.7	0.6	0.3	0.6	0
259-281		0	0.3	2.1	1.2	3.6	4.7	5.6	3.6	1.8	1.2	0
282-303		0	0.3	3.3	1.8	3.9	5.3	7.1	6.8	1.8	1.2	0.3
304-326		0	0	1.5	0.9	3.3	5.3	5.6	4.2	0.9	0.9	0
327-348		0	0.3	0.3	1.2	0.6	1.2	0.6	0.6	0.6	0.3	0



Kolkata

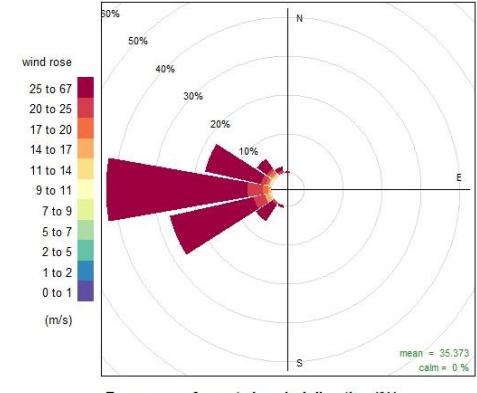
March 500 hPa level

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	0.3	0	0	0	0.3
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0.3	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0	0.3	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	0.3	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0.3	0.3
214-236		0	0	0	0	0.3	0.9	0.3	0	0.3	0.6	0
237-258		0	0	0	0.3	0.6	0.3	2.4	3.7	1.2	2.1	3.7
259-281		0	0	0.3	0	0.9	0.3	5.2	8.3	4.3	11.6	7.3
282-303		0	0	0.3	0.6	1.2	1.5	4.9	6.7	4.3	8	5.8
304-326		0	0	0	0.6	0.9	0.3	0.9	1.5	1.5	0.3	0.6
327-348		0	0	0	0	0.6	0	0.6	0	0.6	0.3	0.3



Kolkata March 300 hPa level

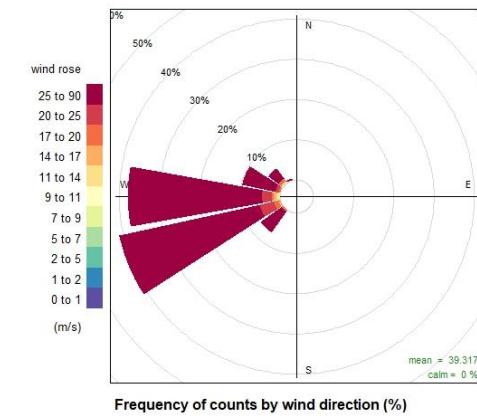
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0.3
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	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	0.7
214-236		0	0	0	0	0	0	0	0	0	0.7	5
237-258		0	0	0	0	0.3	0	0	1.3	0	3	22
259-281		0	0	0	0	0	0	0	0.7	1.3	4	36.3
282-303		0	0	0	0	0	0.3	0	0.3	0.7	1.3	14.7
304-326		0	0	0	0	0	0	0.3	0.3	1	0.7	3
327-348		0	0	0	0	0	0	0	0	0.7	0	1



Kolkata

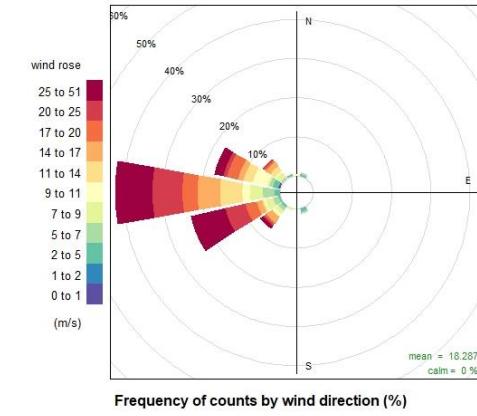
March 200 hPa level

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	0.4	0	6.4	
237-258		0	0	0	0	0	0	0.4	1.2	3.6	35.7	
259-281		0	0	0	0.4	0	0.4	0.8	0.4	2.4	33.3	
282-303		0	0	0	0	0	0	0	0.4	0.8	8.4	
304-326		0	0	0	0	0	0.4	0	0.8	0	3.2	
327-348		0	0	0	0	0	0	0	0	0	0.4	



Kolkata March 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0.5	0	0	0	0	0
12-33		0	0	0.5	0.5	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	1	0.5	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	0.5	1	1	0	1.9	0.5	0.5	1
214-236		0	0	0.5	1	1	1	0	1.9	0.5	0.5	1
237-258		0	0	0.5	1.4	1.9	0.5	0.5	1.4	2.9	5.3	9.1
259-281		0	0	1.4	2.9	3.3	1.9	5.7	5.7	3.8	7.7	9.6
282-303	0.5	0	1.4	1	0.5	3.8	2.4	1.4	2.9	1	2.4	
304-326	0	0	0	0.5	1.4	0.5	1.4	1.4	1.4	0.5	0.5	0
327-348	0	0	0.5	0	0	0	0	0	0	0	0	0

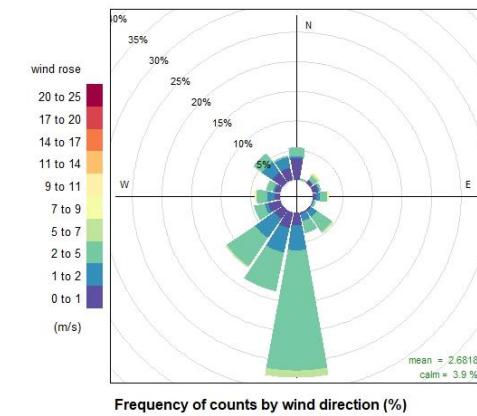


Kolkata

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	4	3.6	0.3	1.5	0	0	0	0	0	0	0	0
12-33		0	0	0.3	0	0	0	0	0	0	0	0
34-56		0.6	0	0.9	0.3	0.3	0	0	0	0	0	0
57-78		0.9	0.3	0.3	0	0	0	0	0	0	0	0
79-101		0.6	0.6	1.2	0	0.3	0	0	0	0	0	0
102-123		0	0.3	0.3	0	0	0	0	0	0	0	0
124-146		0.3	1.2	3	0.3	0	0	0	0	0	0	0
147-168		0.3	0.9	1.5	0	0	0	0	0	0	0	0
168-191		2.1	4.5	20.9	1.2	0	0	0	0	0	0	0
192-213		2.7	4.2	6.7	0	0	0	0	0	0	0	0
214-236		1.8	3.9	5.8	0.3	0	0	0	0	0	0	0
237-258		2.1	0.6	1.8	0	0	0	0	0	0	0	0
259-281		0.9	1.2	1.8	0	0	0.3	0	0	0	0	0
282-303		0.9	0.3	1.2	0	0	0	0	0	0	0	0
304-326		2.1	2.1	1.8	0	0	0	0	0	0	0	0
327-348		2.1	1.8	0.3	0	0	0	0	0	0	0	0

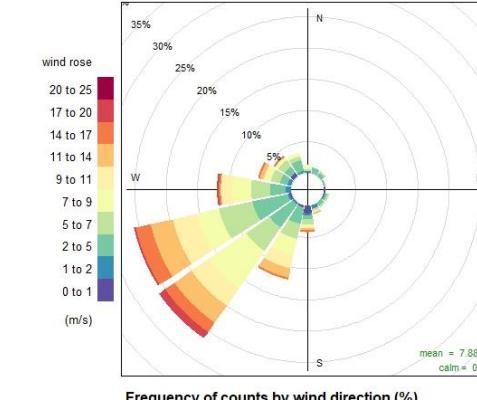


Kolkata

April

925 hPa level

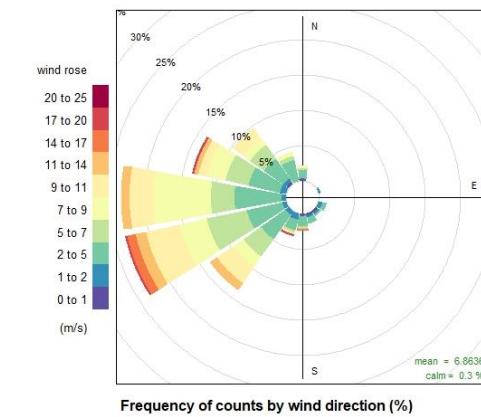
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.3	0	0.3	0.6	0	0	0	0	0	0
12-33		0	0	0.9	0	0	0	0	0	0	0	0
34-56		0	0	0.6	0.3	0	0	0	0	0	0	0
57-78		0	0	0.3	0	0	0	0	0	0	0	0
79-101		0.3	0	0	0	0	0	0	0	0	0	0
102-123		0	0.3	0.3	0.3	0	0	0	0	0	0	0
124-146		0	0	0.6	0.3	0	0	0	0	0	0	0
147-168		0	0.6	0	0.3	0	0.3	0.3	0	0	0	0
168-191		1.2	0.3	0.6	0.9	0.3	0.3	0.3	0.3	0	0	0
192-213		0.3	0	2.7	2.4	2.7	2.1	1.5	0.3	0	0	0
214-236		0	0.3	4.5	4.5	7.3	3.3	3.3	1.8	1.2	0	0
237-258		0.3	0.3	5.8	5.5	3.6	3.9	3.6	2.4	0.3	0	0
259-281		0	0.9	2.4	3	3	1.8	0	0.3	0.3	0	0
282-303		0	0.6	1.2	1.5	0.9	0.3	0.6	0.3	0	0	0
304-326		0.6	0	1.2	1.2	0.6	0	0	0.3	0	0	0
327-348		0	0.3	1.8	0.6	0.6	0	0	0	0	0	0



Kolkata

April 850 hPa level

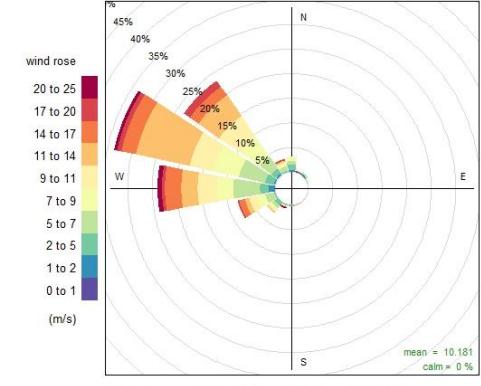
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0	1.2	0.3	0.3	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0.3	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0.6	0.6	0	0	0	0	0	0	0	0
124-146		0.3	0.3	0.3	0	0	0	0	0	0	0	0
147-168		0.3	0.3	0.9	0	0	0	0	0	0	0	0
168-191		0.3	0	1.5	0.3	0	0	0	0.3	0	0	0
192-213		0	0.9	1.5	0.3	0	0.3	0	0	0.3	0	0
214-236		0	0.6	4.2	3	1.8	2.7	1.2	0	0	0	0
237-258		0	0.6	5.2	5.8	3.9	4.8	1.5	1.2	0.3	0	0
259-281		0	0.6	6.7	3.3	8.2	3.3	1.2	0	0	0	0
282-303		0	0.9	4.5	3.3	2.7	1.2	0.6	0	0.3	0	0
304-326		0.3	0.6	3.3	2.4	1.2	1.8	0	0	0	0	0
327-348		0	0	3	0.6	0.6	0	0	0	0	0	0



Kolkata

April 700 hPa level

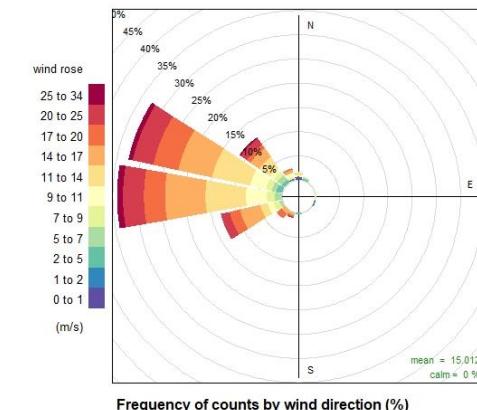
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.3	1.2	0.6	0.9	0	0	0	0	0	0
12-33		0.3	0	0	0	0.3	0	0	0	0	0	0
34-56		0	0.3	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0.3	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0.3	0	0	0	0
168-191		0	0	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0.3	0	0	0.3	0	0	0	0.3	0
214-236		0	0	0.9	0.6	0.3	0.6	0.3	0	0	0	0
237-258		0	0	0.3	1.8	1.8	1.5	0.9	1.2	0.3	0	0
259-281		0	1.2	1.8	5.4	3.3	3.9	3.3	3.3	0.6	0.9	0
282-303		0	0.3	1.8	5.4	5.4	4.8	11.2	3	0.9	0.6	0
304-326		0	0.3	1.2	3	4.5	5.4	5.1	2.1	1.5	0	0
327-348		0	0	0.3	0.9	0.9	0	0.3	0	0.3	0	0



Kolkata

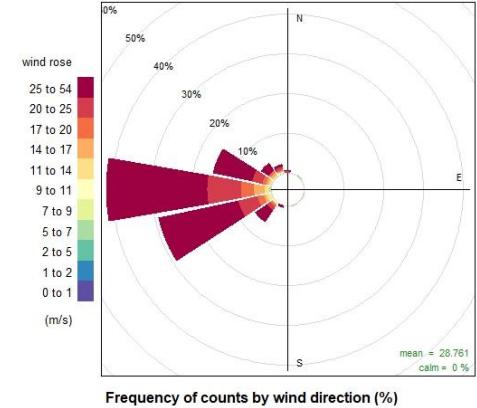
April 500 hPa level

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		0.6	0	0	0	0	0.3	0.6	0	0	0	0
12-33		0	0	0.3	0.3	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	0	0	0	0	0	0	0
79-101		0	0	0	0	0.3	0	0	0	0	0	0
102-123		0	0.3	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0.3	0	0	0	0.3	0.3	0.3	0.3	0
214-236		0	0	0	0	0	0	0.9	1.2	0	0	0
237-258		0	0	0	0.6	1.2	1.2	1.5	4.3	2.2	1.9	0
259-281		0	0	0	1.5	1.5	4.3	8.4	8.4	4.3	4.3	1.2
282-303		0	0	1.2	0.9	1.2	3.4	8	7.1	5.3	4.3	0.9
304-326		0	0	0.6	1.2	0.9	0.9	2.8	2.2	0.9	1.5	0.3
327-348		0	0.3	0	0	0.3	0.9	0	0.6	0.3	0	0



Kolkata April 300 hPa level

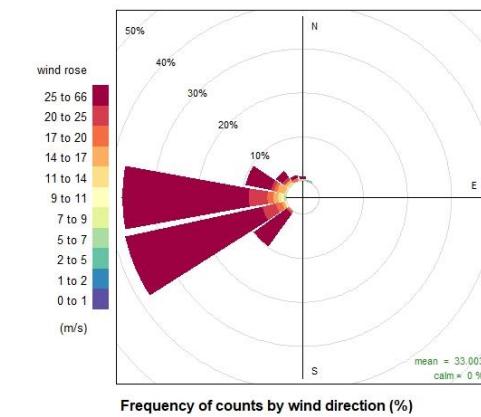
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0.3	0.3
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0.3	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0.3	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	0.7
214-236		0	0	0	0	0.3	0.3	0.3	0	0.7	1	3.6
237-258		0	0	0	0	0.7	0	0.7	0.7	1.6	4.9	20.6
259-281		0	0	0	0.3	0.3	0	1	2.6	3.3	8.5	25.5
282-303		0	0	0	0	0	0	0.7	0.7	1	2.6	10.1
304-326		0	0	0	0	0	0	0.3	0.7	0.7	0	2.3
327-348		0	0	0	0	0.3	0	0.3	0.3	0.3	0.7	0.7



Kolkata

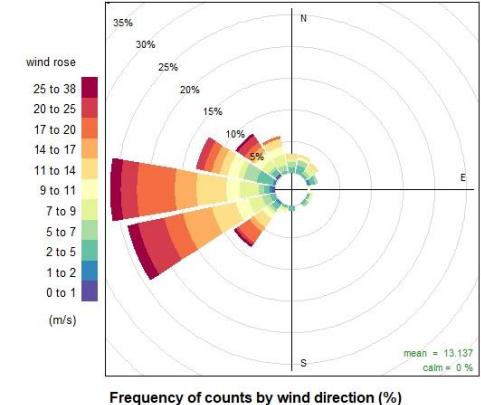
April 200 hPa level

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	0.3	0	0	0	0	0	0	0.7
12-33		0	0	0.3	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	0.3	0.3	9.1
237-258		0	0	0	0	0.3	0	0.7	1.4	3.1	31.8	
259-281		0	0	0	0.3	0.3	0.3	0.7	1	1.4	4.2	28.7
282-303		0	0	0	0	0	0	0.3	1.7	0.7	0.7	5.9
304-326		0	0	0	0	0	0	0.3	0.7	0	0.7	1.7
327-348		0	0	0	0	0	0	0	0	0.7	0	0.7



Kolkata April 100 hPa level

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

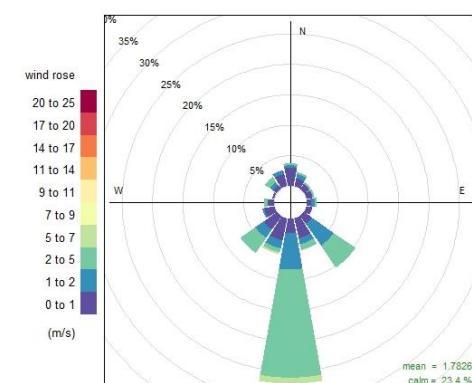


Kolkata

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	23	3	0.3	0.3	0	0	0	0	0	0	0	0
12-33		1.3	0.7	0.3	0	0	0	0	0	0	0	0
34-56		1	0	0.3	0	0	0	0	0	0	0	0
57-78		1	0	0.3	0	0	0	0	0	0	0	0
79-101		0.7	0.7	0.3	0	0	0	0	0	0	0	0
102-123		1	0	0	0	0	0	0	0	0	0	0
124-146		1.7	4.3	4.3	0	0	0	0	0	0	0	0
147-168		3.3	1	1	0	0	0	0	0	0	0	0
168-191		2.3	6	17.7	1	0	0	0	0	0	0	0
192-213		3.7	1.3	0.7	0.3	0	0	0	0	0	0	0
214-236		2.7	1.7	3	0	0	0	0	0	0	0	0
237-258		1.7	0.3	0	0	0	0	0	0	0	0	0
259-281		1	0	0.7	0	0	0	0	0	0	0	0
282-303		0.3	0	0	0	0	0	0	0	0	0	0
304-326		0.7	0.7	1	0	0	0	0	0	0	0	0
327-348		2	0.7	0	0	0	0	0	0	0	0	0

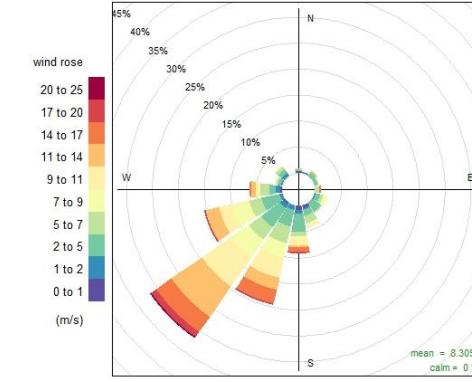


Kolkata

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	0.3	0	0.3	0.3	0	0	0	0	0	0	0
12-33		0	0.3	0	0	0	0	0	0	0	0	0
34-56		0	0	0.9	0	0	0	0.3	0	0	0	0
57-78		0	0	0.6	0.3	0	0	0	0	0	0	0
79-101		0	0	0	0.9	0	0	0	0.3	0	0	0
102-123		0	0.3	0.9	0.6	0.9	0	0	0	0	0	0
124-146		0	0	2.1	0.3	0	0	0	0	0	0	0
147-168		0.6	0.3	1.2	1.5	0.3	0.3	0	0	0	0	0
168-191		0.9	0.6	3.6	0.9	0.9	1.2	0.3	0.9	0.3	0	0
192-213		0	0.9	3.3	3.3	3	3.9	2.4	2.7	0.3	0	0
214-236		0.3	0.9	4.5	3	4.2	6.8	7.1	3.6	1.2	0.3	0
237-258		0	0.6	3.6	2.4	3.6	2.4	2.7	0	0.3	0	0
259-281		0.3	0.9	1.2	1.8	0.3	0.6	0.9	0.3	0	0	0
282-303		0	0.3	0.6	0.3	0	0.3	0	0	0	0	0
304-326		0	0.6	0.9	0.6	0	0.3	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

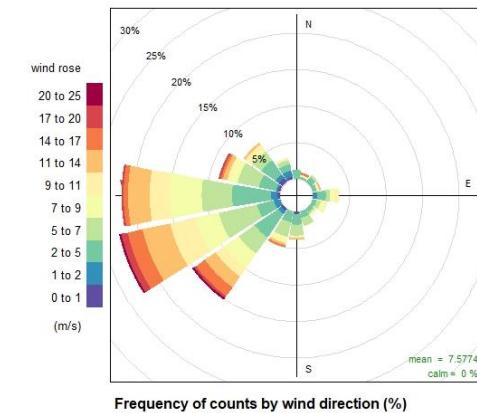


Kolkata

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	1.2	0	0	0	0	0	0	0	0
12-33		0	0	0.3	0	0.3	0	0	0.3	0	0	0
34-56		0	0	0.9	0.3	0	0	0	0	0	0	0
57-78		0	0	0.6	0	0.3	0	0.3	0	0	0	0
79-101		0	0.6	1.2	0.6	0.6	0.6	0	0	0	0	0
102-123		0	0	0.6	0.6	0.6	0.3	0	0	0	0	0
124-146		0	0	0.6	0.3	0.3	0	0	0	0	0	0
147-168		0	0	0.9	1.2	0	0	0	0	0	0	0
168-191		0.3	0	1.5	1.5	0	0.3	0.3	0	0	0	0
192-213		0	0	1.5	2.1	0.6	0.3	0.3	0.3	0	0	0
214-236		0.3	0.6	3.9	2.7	2.4	1.5	1.8	1.5	0.3	0.3	0
237-258		0	0.9	2.4	5.4	3.3	3.6	3.9	2.1	0.9	0.3	0
259-281		0.3	0.9	5.4	4.2	4.5	2.7	3	0.6	0.3	0	0
282-303		0.3	0.3	2.4	3	1.2	0.3	0.6	0.3	0.3	0	0
304-326		0.6	0.6	2.4	1.5	0.3	0.9	0.3	0	0	0	0
327-348		0.3	0.9	0.9	0.6	0	0.3	0	0	0	0	0

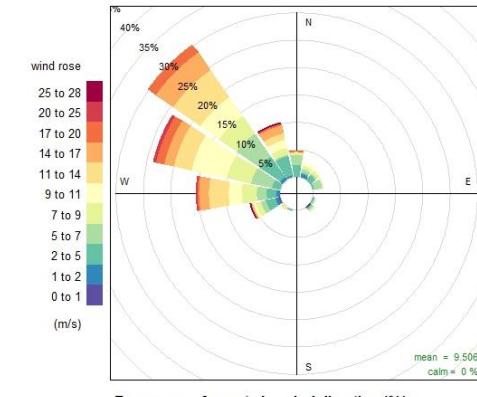


Kolkata

May

700 hPa level

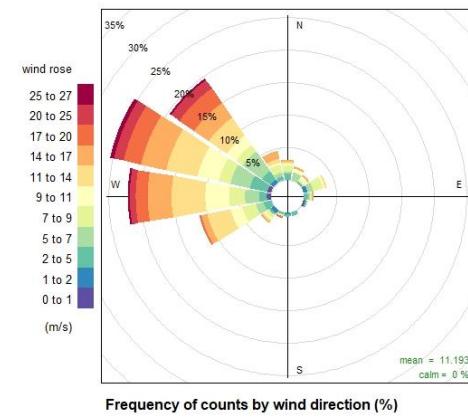
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	2.1	1.8	0.3	0	0.3	0	0.3	0	0
12-33		0	0.6	0.3	0.6	0.6	0.6	0	0	0	0	0
34-56		0	0	1.2	0.3	0.6	0.3	0	0	0	0	0
57-78		0	0	0.3	1.5	0.3	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0.3	0.3	0	0	0	0	0	0	0
124-146		0.3	0	0.3	0.3	0.3	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	0.3	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0.3	0	0.3	0	0	0	0
237-258		0.3	0.6	1.8	0.9	0.9	0.6	0	0.3	0	0	0.3
259-281		0	0.6	1.8	1.8	2.7	2.4	3.6	1.8	0.3	0.3	0
282-303		0	0	1.5	3.9	4.5	6.6	3.3	1.8	1.5	0.6	0
304-326		0	0.6	4.5	5.1	3.9	4.2	6	3.9	1.8	0	0
327-348		0	0.3	3.6	0.3	1.2	1.5	1.2	1.5	0.3	0	0.3



Kolkata

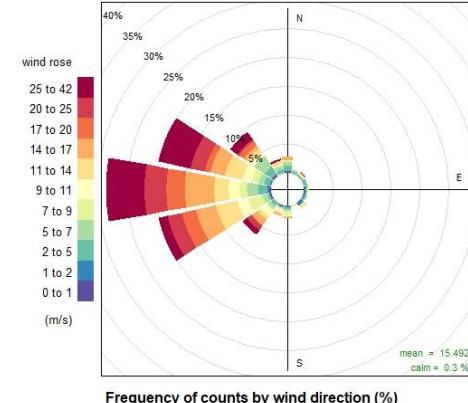
May 500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.9	0.3	0.9	0.3	0.3	0.3	0	0	0
12-33		0	0	0	1.2	0	0.6	0	0.3	0	0	0
34-56		0	0	0.3	0	0.3	0.6	0	0.3	0	0	0
57-78		0	0.6	0	0.9	1.5	0.3	0.3	0	0	0	0
79-101		0	0	0.6	0.3	0.3	0	0	0.3	0	0	0
102-123		0.3	0	0.3	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	0.6	0	0	0	0	0	0	0	0
168-191		0	0.3	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0.3	0	0.3	0	0	0	0.3	0	0
214-236		0	0.6	0.3	0	0.6	0.3	0.3	0.3	0	0	0
237-258		0	0	1.2	1.2	2.1	1.8	3.7	0.9	0.3	0	0
259-281		0.6	0	1.2	2.1	2.4	3.7	5.2	3.7	1.8	0.9	0.3
282-303		0.6	0	2.8	3.1	1.8	3.4	4.9	4	2.8	1.5	0.6
304-326		0	0.6	1.5	3.7	1.2	1.8	3.4	2.8	2.8	1.5	0.3
327-348		0	0	0.6	0.6	1.2	0.3	0.6	1.2	0	0	0



Kolkata May 300 hPa level

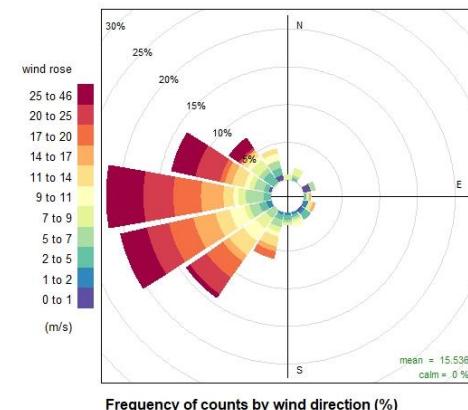
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.3	0	1	0.6	0.3	0	0	0.6	0	0	0
12-33		0	0	0.3	0.3	0	0.3	0	0	0	0	0
34-56		0	0	0.3	0	0	0.3	0	0	0.3	0	0
57-78		0	0	0.6	0	0	0	0	0	0	0	0
79-101		0.3	0	0.3	0	0.3	0	0	0	0	0	0
102-123		0	0.3	0.3	0	0	0	0	0	0	0	0
124-146		0	0.6	0	0	0.3	0	0.3	0	0	0	0
147-168		0	0	0	0	0	0.3	0	0	0	0	0
168-191		0	0.3	0.3	0.3	0.6	0.3	0	0.3	0	0	0
192-213		0.3	0	0	0.3	0	0.6	0.3	0.3	0	0	0
214-236		0	0	0.6	0.6	0.3	1.3	0.6	1.3	0	1	1
237-258		0.3	0	0.3	1	2.5	1.9	3.8	3.5	2.5	2.5	1.6
259-281		0.3	0.3	1.6	1.9	1.3	1.9	2.5	5.1	3.2	3.8	6.7
282-303		0	0.3	1	1	1.3	1.6	3.2	2.5	1	2.5	5.7
304-326		0.3	0	1.6	2.2	0	0.6	1	0.6	1	0.3	1.6
327-348		0	0	0.6	0.6	0	0.3	0.6	0	0	0	0.3



Kolkata

May 200 hPa level

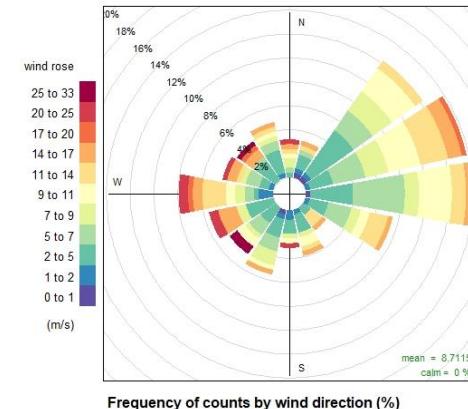
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0.7	0	0	0	0	0	0
12-33		0	0	0.3	0.3	1	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		1	0	0	0.7	0	0	0	0	0	0	0
79-101		0	0	0.3	0	0.3	0	0	0.3	0	0	0
102-123		0	0.7	0	0	0.3	0	0.3	0.3	0	0	0
124-146		0.3	0.3	1	0	0	0	0	0	0	0	0
147-168		0	0.3	0.3	0.3	0.7	0	0	0	0	0	0
168-191		0	0.3	0.7	0.3	0.3	0	0	0	0	0	0
192-213		0	0.3	0.7	1	0.7	0.7	1.3	0.7	1	0	0
214-236		0	0	0	1.3	1.7	2	2.3	1	2.6	2.6	0.7
237-258		0	0.7	1	1.3	0.7	2	2	3	3.3	3	3.6
259-281		0	0	1	2.3	1	0.7	1.3	3	3.6	4	5
282-303		0.3	0	0.7	1.3	0.7	0.7	1.7	1	0.7	3.3	3.3
304-326		0	0	1.7	0.7	1.3	0.7	0.7	0.3	0	0.3	1.7
327-348		0.7	0	1	1	0	1	0.7	0	0	0	0



Kolkata

May 100 hPa level

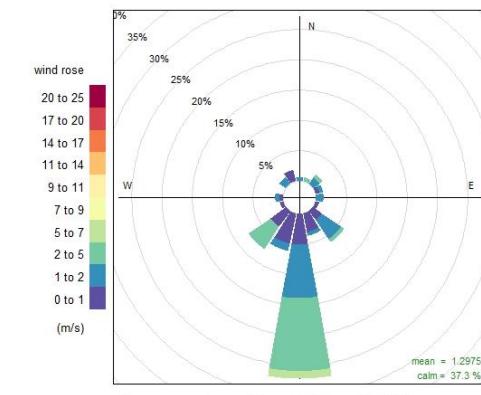
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0.4	0.8	0.4	0.4	0.4	0	0.4	0
12-33		0.4	0.4	1.2	0.4	0	0	0.4	0.4	0	0	0
34-56		0.4	0.4	4.3	2	2	2.4	0.8	0	0	0	0
57-78		0	0.4	2	2.8	2	2.8	2.4	1.2	0.4	0	0
79-101		0.4	0	3.6	4.3	1.2	2.8	1.2	0.4	0	0	0
102-123		0	0.4	1.6	2	0.8	0.8	1.6	0.4	0	0	0
124-146		0	0	0.8	0	0	0	1.2	0.4	0	0	0
147-168		0	0.4	1.6	0	0.4	0.8	0.4	0.4	0	0	0
168-191		0	0.8	1.2	0	0.4	0.4	0	0	0	0.4	0
192-213		0.4	0.4	1.6	1.2	1.2	0.4	0	0.4	0	0	0
214-236		0	0	1.6	1.2	0.4	0.8	0	0	0	0	0.8
237-258		0	0	2.4	0	0.8	0	0	1.6	0	0.8	0
259-281		0	1.2	0.4	0.8	0.8	0.8	2	0.8	0.4	0.8	0
282-303		0	0.4	0.8	1.2	0.4	0	0.4	0.8	0	0.4	0
304-326		0	0	2	0.4	0	0	0	0.8	0.4	0	0.4
327-348		0	0.4	2	0.8	0.4	0.4	0.4	0.4	0	0	0



Kolkata

June 1000 hPa level

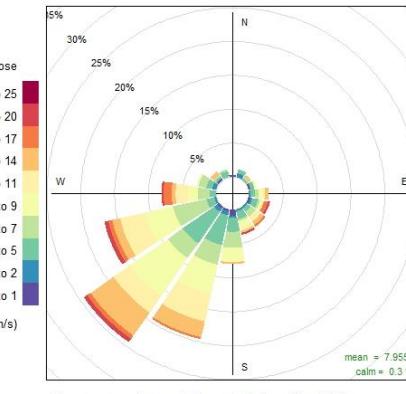
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	37	0	0.6	0	0	0	0	0	0	0	0	0
12-33		0	0	0.6	0	0	0	0	0	0	0	0
34-56		0	1.3	0.6	0	0	0	0	0	0	0	0
57-78		0.6	0.6	0	0	0	0	0	0	0	0	0
79-101		0	1.3	0	0	0	0	0	0	0	0	0
102-123		0.6	0	0	0	0	0	0	0	0	0	0
124-146		1.9	3.8	0.6	0	0	0	0	0	0	0	0
147-168		3.2	0.6	0	0	0	0	0	0	0	0	0
168-191		5.1	8.9	12	1.3	0	0	0	0	0	0	0
192-213		5.1	1.3	0	0	0	0	0	0	0	0	0
214-236		3.2	0	4.4	0	0	0	0	0	0	0	0
237-258		0.6	0	0	0	0	0	0	0	0	0	0
259-281		0.6	0.6	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	1.3	0	0	0	0	0	0	0	0	0
327-348		1.9	0	0	0	0	0	0	0	0	0	0



Kolkata

June 925 hPa level

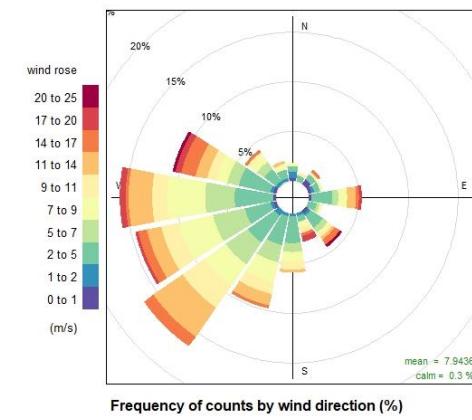
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0	0	0	0	0	0	0	0	0	0
12-33		0	0.6	0.6	0	0	0	0	0	0	0	0
34-56		0	0	0.3	0.3	0	0	0.3	0	0	0	0
57-78		0.3	0	0.6	0	0.3	0	0	0	0	0	0
79-101		0	0.3	0.6	0.6	0.3	0.6	0	0	0	0	0
102-123		0.3	0.3	0.9	0.3	0.3	0	0.6	0.3	0	0	0
124-146		0	0.3	0.6	0.9	0	0.9	0.6	0.3	0	0	0
147-168		0	0.3	1.2	0	0.9	0.6	0.3	0	0.3	0	0
168-191		0.9	0.3	2.1	2.7	2.1	0	0.3	0	0	0	0
192-213		0.3	0.6	4.5	3	4.5	4.2	2.4	0.3	0	0	0
214-236		0.3	0.6	5.6	2.7	6.8	3	4.2	0.6	0.6	0	0
237-258		0	0.3	1.2	5	4.2	3.9	1.2	0.6	0.6	0	0
259-281		0	0	0.9	1.8	1.5	1.8	0.6	1.2	0.3	0	0
282-303		0	0.6	0.9	1.2	0.3	0	0	0	0	0	0
304-326		0.3	0	0.3	0.3	0	0	0.6	0	0	0	0
327-348		0	0	0.9	0.3	0	0	0	0	0	0	0



Kolkata

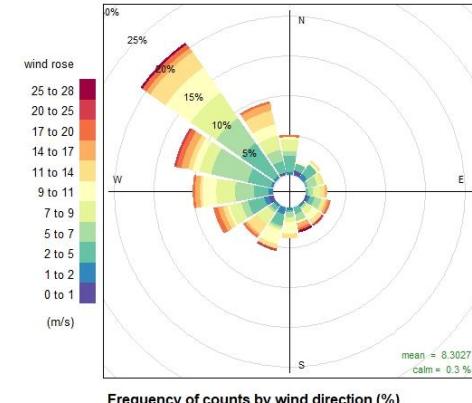
June 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0.6	0.6	0	0.3	0	0	0	0	0	0
12-33		0	0	0.6	0	0	0.3	0	0	0	0	0
34-56		0.6	0	0.6	0	0	0.3	0	0.3	0	0	0
57-78		0.3	0.3	0.6	0	0.3	0	0	0	0	0	0
79-101		0.3	0	2.1	0.6	0.9	0	0.9	0.3	0.3	0	0
102-123		0	0	0.9	0.3	0.3	0	0	0	0	0	0
124-146		0.3	0.3	1.5	0.6	0.3	0.3	0.3	0.6	0	0.3	0
147-168		0	0.3	0.6	0	0.6	0.6	0	0.3	0.6	0	0
168-191		0	0.3	2.7	0.9	0.9	0.9	0.3	0	0	0	0
192-213		0	0.3	3	1.8	2.1	1.2	1.2	0.3	0	0	0
214-236		0	0.6	3.3	2.7	2.7	2.7	3.6	1.2	0	0	0
237-258		0.3	0.3	2.7	3.3	3.6	1.8	1.5	0.9	0.3	0	0
259-281		0.3	0	3.9	3	3.9	1.5	2.4	0.3	0.6	0	0
282-303		0.3	0.3	3.3	1.2	1.2	0.9	1.2	1.5	0.6	0.3	0
304-326		0	0.3	1.5	0.9	0.9	0.3	0	0.3	0	0	0
327-348		0	0.3	0.9	0	0.6	0	0.3	0	0	0	0



Kolkata June 700 hPa level

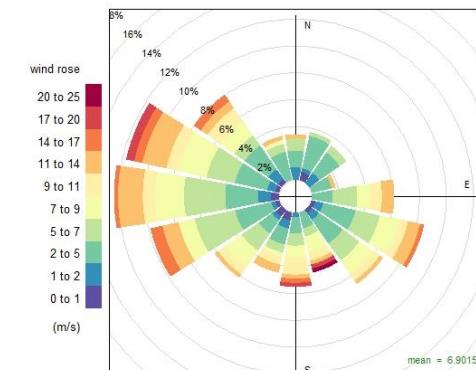
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.3	2.1	0.6	1.5	0.3	0	0	0.3	0	0
12-33		0.6	0	0.9	0	0	0.3	0	0	0	0	0
34-56		0	0.6	1.5	0	0	0.3	0.3	0	0	0	0
57-78		0	0	0.3	1.2	0.6	0	0.3	0	0	0	0
79-101		0	0	0.3	0.6	0.9	0	0.6	0.3	0	0	0
102-123		0.3	0.3	0.6	0.9	0.3	0	0.3	0.3	0.3	0	0
124-146		0	0.3	0	0.3	0.9	0.9	0.6	0	0	0.3	0
147-168		0	0	0.9	0.9	0	0.3	0	0.6	0.3	0	0.3
168-191		0	0.3	0.3	0.6	0.6	1.5	0.6	0	0	0	0
192-213		0	0.9	1.5	0.3	0.3	1.8	0.6	0	0	0.3	0
214-236		0	0.3	0.6	0.3	1.8	0	1.5	0.3	0.3	0	0
237-258		0.6	0.6	2.1	0.9	1.5	0.3	0.6	0.6	0.6	0	0
259-281		0	0.6	1.8	2.4	2.4	1.8	0.3	0.6	0.3	0	0
282-303		0	0.3	3	4.7	1.5	0.9	0.6	0.9	0.6	0.3	0
304-326		0	0.3	5	3.9	3.9	3.9	2.4	0.6	0.6	0	0.3
327-348		0.3	0	1.5	1.5	1.8	1.5	1.8	0.9	0.3	0	0



Kolkata

June 500 hPa level

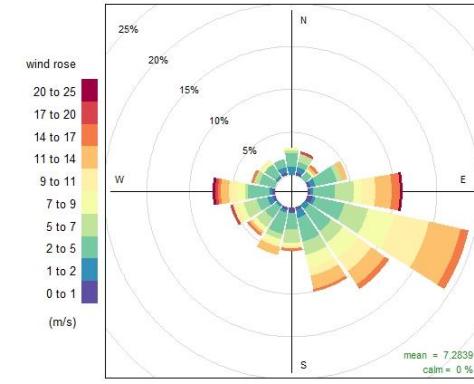
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.9	1.2	0.9	0	0	0.3	0	0	0	0
12-33		0.6	0.3	2.5	0.3	0	0	0	0	0	0	0
34-56		0	0.9	1.8	0.6	0	0	0	0	0	0	0
57-78		0	0	1.5	0	0	0	0.3	0	0	0	0
79-101		0	0	1.5	1.8	0.9	0.9	0.9	0	0	0	0
102-123		0.3	0.6	2.5	1.8	1.5	0.6	0.9	0.3	0	0	0
124-146		0.3	0.6	2.2	1.5	1.2	0.6	0.3	0	0	0	0
147-168		0	0	1.2	0.6	1.2	0.6	0.3	0	0.3	0.3	0
168-191		0	0.3	1.2	0.9	0.9	1.2	0.3	0.3	0.3	0	0
192-213		0.6	0.6	1.2	0.6	0.3	0.6	0.6	0	0	0	0
214-236		0.6	0.3	1.2	1.5	1.5	0.6	0.3	0	0	0	0
237-258		0.3	0.3	2.8	3.1	1.2	0	1.2	0.9	0	0	0
259-281		0.6	0.9	2.5	3.1	2.2	0.9	1.8	0.3	0	0	0
282-303		0.3	0.6	2.5	2.2	2.2	0.9	1.8	0.6	0.6	0	0
304-326		0.3	0.9	2.2	0.9	1.2	1.2	0.6	0.6	0	0	0
327-348		0	0	2.2	0.6	0.3	0	0.3	0	0	0	0



Kolkata

June 300 hPa level

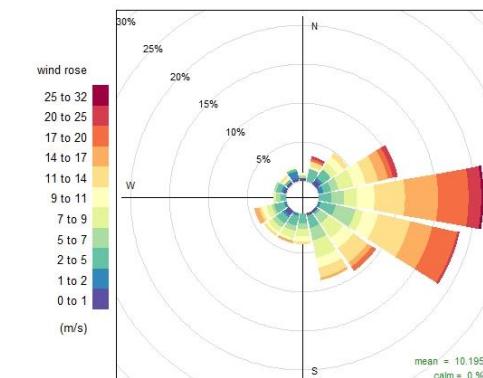
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.9	1.6	0.3	0.3	0	0	0	0	0	0
12-33		0.3	0.6	0.6	0.9	0	0	0	0	0.3	0	0
34-56		0	0	0.9	0	0.3	0	0.3	0.3	0	0	0
57-78		0.3	0.6	2.5	0.6	0	0	0.6	0	0	0	0
79-101		0.3	0.3	2.5	2.2	0.9	1.6	1.9	0.9	0	0.3	0
102-123		0.6	0.3	3.5	2.8	3.2	4.1	3.8	0.9	0	0	0
124-146		0	0.6	3.2	1.6	2.2	1.9	1.9	0.6	0	0	0
147-168		0.3	0.6	2.8	1.3	1.6	0.9	1.6	0.3	0	0	0
168-191		0.6	0.3	1.9	1.9	0.3	0.3	0	0.3	0	0	0
192-213		0.3	0.3	2.5	0.6	0.6	0.3	0.9	0	0	0	0
214-236		0	0.3	1.6	1.3	0.3	0.3	0.3	0.3	0	0	0
237-258		0.3	0.6	1.3	1.6	0.6	0.6	0	0	0.3	0	0
259-281		0.3	0.3	2.5	0.3	0.9	0.9	0.9	0.3	0.3	0.3	0
282-303		0	0	1.9	0.6	0	0	0	0.3	0	0	0
304-326		0	0.3	1.6	0	0.3	0.3	0	0	0	0	0
327-348		0.3	0.6	0.9	0	0	0	0	0	0	0	0



Kolkata

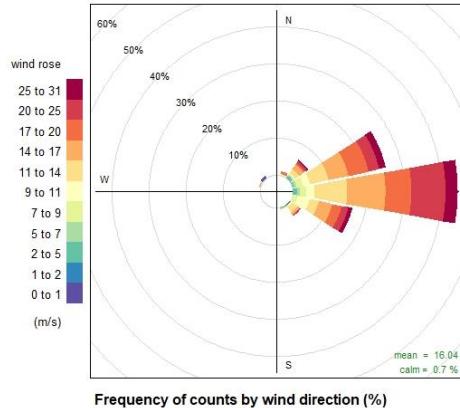
June 200 hPa level

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	0.3	0	0	0.3	0	0.3	0	0	0	0	0
12-33		0	0	1.6	0	0	0.3	0.7	0	0.3	0.3	0
34-56		0.7	0.3	1.3	0	1	1	0.7	0	0	0	0
57-78		0	0.7	1	1	2	1.6	1.6	1.3	0.7	0.7	0
79-101		0	0	1.6	1.6	1.6	2.3	3.9	4.2	3.9	1.6	0.3
102-123		0	0.3	2	2.6	1	2	4.2	2.9	3.3	0.3	0
124-146		0.3	0	0.3	1.3	2.3	1.6	2.3	0.7	0.7	0	0
147-168		0.3	0	1.6	1.3	2	1.3	1.3	0.3	0	0	0
168-191		0	0	1.3	1	1.3	0.7	0.3	0	0	0	0
192-213		0	0.3	1.3	0.7	1	0.3	0	0.3	0	0	0
214-236		0.7	0.3	1	0.7	0.7	0.3	0.3	0	0	0	0
237-258		0	0.3	1.3	0.3	0.7	0.7	0.3	0.7	0	0	0
259-281		0	0	0.7	0.7	0.3	0	0	0	0	0	0
282-303		0.3	0.3	0.7	0.3	0	0	0	0	0	0	0
304-326		0.3	0	0.3	0	0	0.3	0.3	0	0	0	0
327-348		0.3	1	0.3	0	0	0.3	0	0	0	0	0



Kolkata June 100 hPa level

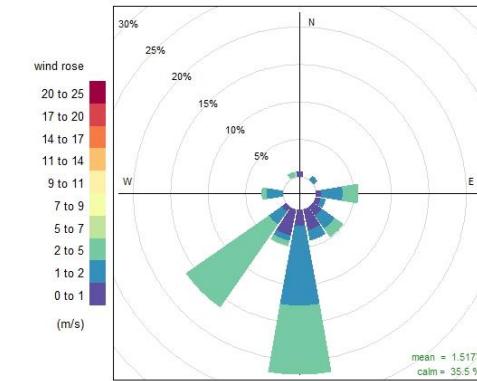
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0.4	0	0	0	0.7	0	0
34-56		0	0	0.7	0.4	0	0.4	1.5	1.5	0.4	0.7	0.4
57-78		0	0	0.4	0.7	1.8	1.8	5.1	5.5	5.5	2.9	1.8
79-101		0	0	1.1	0.7	1.8	2.2	8.8	10.3	7	9.2	3.3
102-123		0	0	0	0	1.5	3.3	2.6	3.7	2.6	1.8	1.1
124-146		0	0.4	0	0	0	0.4	1.8	0.7	0	0.4	0
147-168		0	0	0.4	0	0.4	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	0.4	0	0	0
304-326		0.7	0	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Kolkata

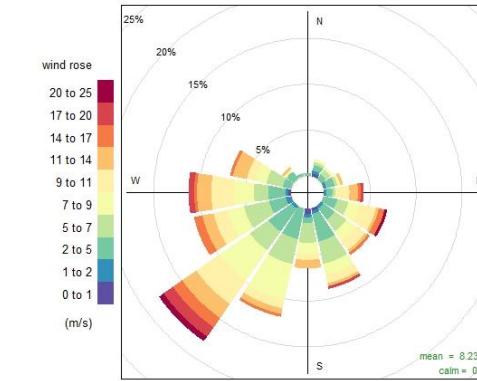
July 1000 hPa level

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		0.7	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	0.7	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0.7	2.8	2.1	0	0	0	0	0	0	0	0
102-123		0.7	0.7	0	0	0	0	0	0	0	0	0
124-146		1.4	2.1	1.4	0	0	0	0	0	0	0	0
147-168		2.1	1.4	0	0	0	0	0	0	0	0	0
168-191		2.8	10.6	9.2	0	0	0	0	0	0	0	0
192-213		3.5	0.7	0.7	0	0	0	0	0	0	0	0
214-236		0.7	2.1	13.5	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	2.1	0.7	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	0.7	0	0	0	0	0	0	0	0



Kolkata July 925 hPa level

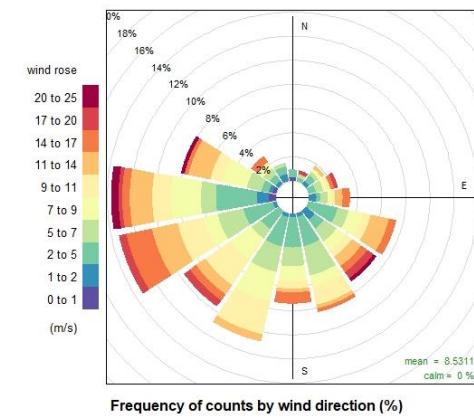
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.3	0	0	0	0	0	0	0	0
12-33		0.3	0.3	0.6	0.3	0.3	0	0	0	0	0	0
34-56		0	0	0.6	0.6	0.3	0	0	0	0	0	0
57-78		0	0.3	0.9	0.3	0.3	0	0.3	0	0	0	0
79-101		0	0.3	0.6	0.3	0	1.5	0.9	0.3	0.3	0	0
102-123		0	0	1.5	1.2	1.2	1.9	0.3	0.6	0	0.3	0
124-146		0	0.3	1.5	1.5	1.2	1.2	0.3	0.3	0	0	0
147-168		0.3	0.3	2.8	2.2	1.2	0.9	0.3	0	0.3	0	0
168-191		0.6	0.3	0.9	2.5	1.2	0.6	0.9	0	0	0	0
192-213		0	0	3.4	2.8	4	0.9	0.6	0.3	0	0	0
214-236		0	0.3	3.1	2.5	4	3.1	1.9	1.2	1.2	0.6	0
237-258		0	0.6	1.9	2.8	1.9	1.5	1.2	0.9	0	0	0
259-281		0.3	0.3	1.9	1.5	2.2	2.5	1.5	0.3	0.6	0	0
282-303		0	0	0.9	1.9	1.2	0.9	1.5	0.3	0	0	0
304-326		0	0	0.9	0	0.3	0	0.3	0	0	0	0
327-348		0	0	0.3	0	0	0	0	0	0	0	0



Kolkata

July 850 hPa level

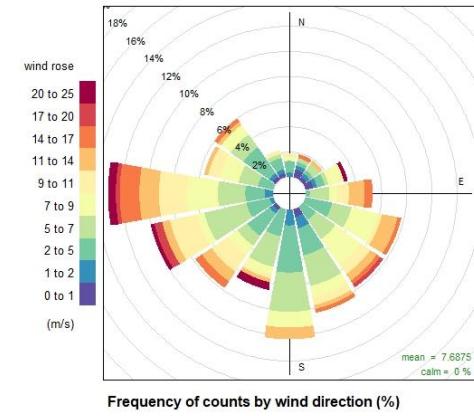
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0	0.6	0	0	0	0	0	0	0	0
12-33		0	0	0.3	0.3	0	0	0	0	0.3	0	0
34-56		0	0.3	0.6	0.3	0.3	0	0.3	0	0	0	0
57-78		0	0	0.6	0.6	0.3	0.3	0	0.3	0.3	0	0
79-101		0	0.6	0.3	0.6	0.3	0.3	0.6	0.6	0	0	0
102-123		0	0	2.5	0.9	1.2	0.6	1.6	0.6	0	0	0
124-146		0	0.9	0.9	1.2	0.9	0.6	0.9	0.6	0.6	0.3	0
147-168		0	0.3	2.5	2.5	0.9	1.6	0.3	0.3	0	0	0
168-191		0	0.3	2.5	1.6	1.2	0.6	0.3	0.9	0	0	0
192-213		0	0.3	2.5	2.2	2.5	2.8	0.6	0	0	0	0
214-236		0	0	1.9	0.9	2.2	2.5	0.9	0.6	0.6	0	0
237-258		0	0.3	2.5	2.2	1.2	2.2	2.2	2.2	0.6	0	0
259-281		0.6	0.9	3.4	1.2	2.5	1.6	1.9	0.6	0.3	0.6	0
282-303		0.3	0.3	0.6	1.2	2.2	0.9	1.9	0.3	0	0.3	0
304-326		0	0.3	0.6	0.6	0.3	0.3	0	0.6	0	0	0
327-348		0	0.6	0.6	0.3	0	0	0	0	0	0	0



Kolkata

July 700 hPa level

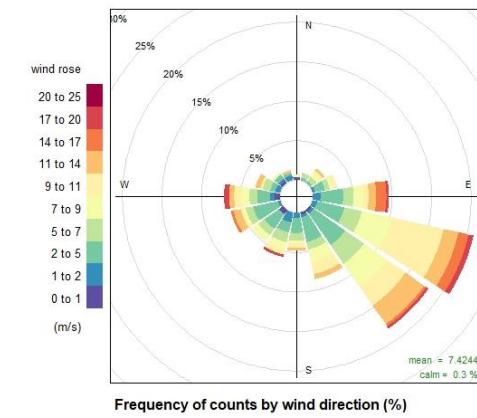
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.3	0.9	0	0.3	0.3	0	0	0	0	0
12-33		0.6	0.3	0.3	0.3	0	0	0	0.3	0	0	0
34-56		0.3	0.3	0.3	0.6	0	0	0.3	0	0	0	0
57-78		0.6	0.3	0.6	0.3	1.2	0	0	0	0	0.3	0
79-101		0	0	0.3	1.6	0.6	0.9	1.2	0.6	0	0	0
102-123		0	0	2.2	1.6	2.2	0.3	1.2	0.3	0	0	0
124-146		0	0	1.2	1.9	2.5	0.9	0.6	0.3	0.3	0	0
147-168		0.3	0.9	2.2	2.5	0.9	0.6	0.3	0.3	0	0	0
168-191		0.3	1.2	3.8	3.1	1.2	0	0.9	0	0	0	0
192-213		0	0	2.2	2.5	0.6	0.3	0.3	0	0	0.6	0
214-236		0.3	0.3	2.2	0.9	0.9	1.6	0.9	0.6	0	0	0
237-258		0	0.3	1.9	3.4	0.6	2.2	0.6	0	0.6	0.3	0
259-281		0	0.6	1.6	2.2	2.5	2.2	1.6	1.6	0.3	0.6	0
282-303		0	0	1.2	1.6	1.6	0.9	0.3	0	0	0	0
304-326		0.3	0.3	2.5	1.2	0.9	0	0.3	0.3	0	0	0
327-348		0.3	0.3	0.9	0.3	0	0.3	0	0	0	0	0



Kolkata

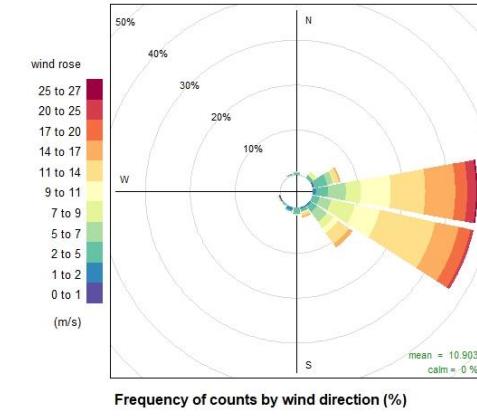
July 500 hPa level

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	0.3	0	0	0	0.3	0	0	0	0	0	0
12-33		0	0	0.3	0.6	0	0	0	0	0	0	0
34-56		0	0	0.3	0.6	0.6	0.3	0.3	0	0	0	0
57-78		0	0.3	1.3	0.6	0.3	0.6	0	0	0	0	0
79-101		0	1	2.9	1.3	1.3	0.6	1	1.3	0.3	0	0
102-123		0	0.6	3.5	2.3	3.9	6.8	1.9	1.3	0.6	0	0
124-146		0.3	0.3	4.8	2.9	3.5	2.9	2.9	0.3	0.3	0	0
147-168		0.3	0.3	3.2	1	1.6	1.6	0.6	0	0	0	0
168-191		0	0.6	1.9	1	0.3	0.6	0.3	0	0	0	0
192-213		0	1.3	1.3	1.3	1	0.6	0	0	0.3	0	0
214-236		0.6	0	2.3	1	1	0	0	0	0	0	0
237-258		0	0.3	3.2	1	0.3	0.3	1	0.3	0	0	0
259-281		0.6	0.6	1.6	1	1	1	0.6	0	0.6	0	0
282-303		0	0.6	0.6	1	0	0.3	0.6	0	0	0	0
304-326		0.3	0.3	0.6	0	0.3	0	0	0	0	0	0
327-348		0	0.6	0.3	0	0	0	0.3	0	0	0	0



Kolkata July 300 hPa level

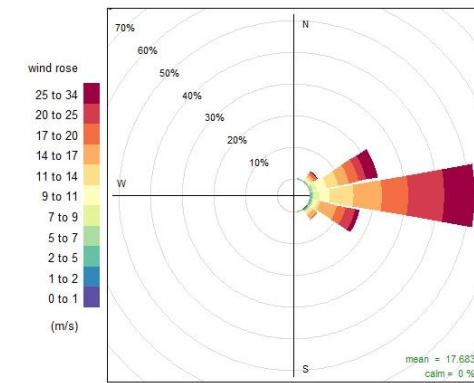
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.3	0.3	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0.7	0	1	0	0	0	0	0	0
57-78		0.3	0	3	1.3	0.3	0	1	0.3	0	0	0
79-101		0	0.7	2.7	4	3.3	6.7	7.7	6.7	2.7	2	0.3
102-123		0	0	1.7	2.7	5.3	5.7	12.7	5.3	2.7	0.7	0
124-146		0	0.3	1.7	2.7	1.7	1.3	3	1	0	0	0
147-168		0	0.3	0.3	0	0	0.3	0.7	0.3	0	0	0
168-191		0	0	1.7	0	0.3	0	0	0	0	0	0
192-213		0	0.7	0.3	0	0	0	0	0	0	0	0
214-236		0	0	0.3	0	0	0	0	0	0	0	0
237-258		0.3	0	0	0	0.3	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	0.3	0	0	0	0	0	0	0	0



Kolkata

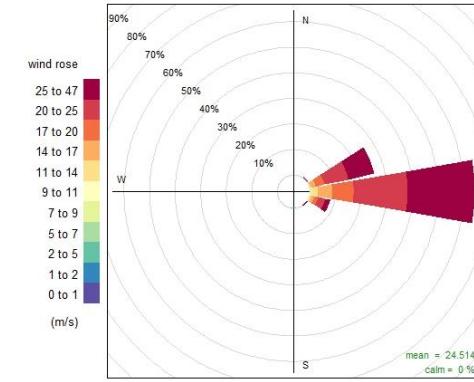
July 200 hPa level

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	0.3	0	0	0	0	0	0	0	0
34-56		0	0	0.3	0	0.3	0.7	0.7	0.7	1	0	0.3
57-78		0	0	0.3	0.7	1.4	3.1	3.8	3.4	3.1	2.4	3.8
79-101		0	0	0.7	0.3	2.1	3.1	7.6	9	8.3	11.4	9.7
102-123		0	0	0.7	0.3	0.3	1	1	5.5	2.8	3.1	1.4
124-146		0.3	0	0.3	0.3	0.7	0	0.7	1.4	0.3	0	0
147-168		0	0	0.3	0	0	0.7	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



Kolkata 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	0.4	0
57-78		0	0	0	0	0	0	0.4	2	3.6	9.6	10.4
79-101		0	0	0	0	1.2	0	2	5.6	8.4	21.1	26.3
102-123		0	0	0	0	0	0	0.8	1.2	1.6	2.8	2
124-146		0	0	0	0	0	0	0	0	0	0	0.4
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0.4	0	0	0	0	0	0	0	0
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

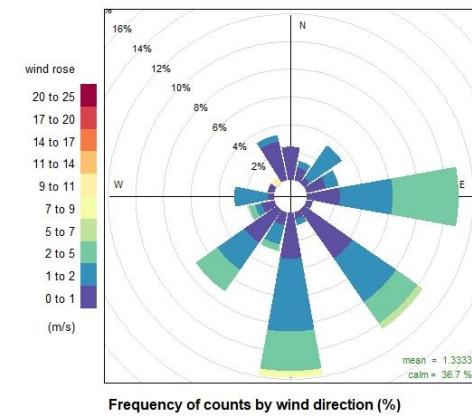


Kolkata

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	37	2.4	0	0	0	0	0	0	0	0	0	0
12-33		1	0.5	0	0	0	0	0	0	0	0	0
34-56		0.5	2.9	0	0	0	0	0	0	0	0	0
57-78		1.4	1	0	0	0	0	0	0	0	0	0
79-101		2.4	3.8	4.8	0	0	0	0	0	0	0	0
102-123		0.5	0	0	0	0	0	0	0	0	0	0
124-146		4.3	3.8	1.9	0.5	0	0	0	0	0	0	0
147-168		0.5	0.5	0	0	0	0	0	0	0	0	0
168-191		3.3	5.2	2.9	0	0.5	0	0	0	0	0	0
192-213		1	1.4	0.5	0	0	0	0	0	0	0	0
214-236		2.9	2.4	1.9	0	0	0	0	0	0	0	0
237-258		1	0.5	0.5	0	0	0	0	0	0	0	0
259-281		0.5	2.4	0	0	0	0	0	0	0	0	0
282-303		0.5	0	0	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0.5	0	0	0	0	0	0
327-348		2.9	0.5	0	0	0	0	0	0	0	0	0

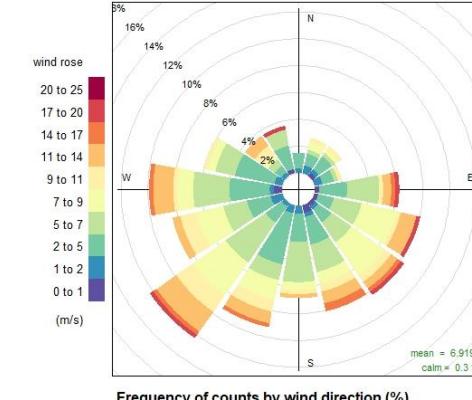


Kolkata

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	0.3	1.2	0	0	0	0	0	0	0	0
12-33		0	0.6	0.9	0.3	0.6	0.3	0	0	0	0	0
34-56		0.3	0.3	1.2	0.3	0.3	0.3	0	0	0	0	0
57-78		0	0.6	0.9	0.3	0	0.3	0	0	0	0	0
79-101		0.3	0	2.1	2.4	0	0.3	0.6	0.3	0.3	0	0
102-123		0.3	0	1.2	2.1	2.7	0.3	1.2	0	0.3	0	0
124-146		0.3	0.3	1.2	1.8	3	0.6	0.6	0.3	0.3	0	0
147-168		0.6	0.3	1.8	2.1	0.9	0.6	0.9	0.6	0	0	0
168-191		0	0.6	2.4	3	0.6	0.3	0.3	0	0	0	0
192-213		0	0.6	3.9	1.2	1.5	0.9	0.9	0.3	0	0	0
214-236		0	0.3	1.5	3.6	3	1.5	1.8	0.3	0.3	0	0
237-258		0	0.9	1.8	1.8	2.1	1.2	0.6	0	0	0	0
259-281		0.6	0.3	3	2.7	1.2	0.3	1.5	0.3	0	0	0
282-303		0	0.6	3	1.5	0.6	0.3	0	0	0	0	0
304-326		0	0.3	0.6	0.6	0.3	0.9	0.9	0	0	0	0
327-348		0.3	0	1.8	1.2	0	0	0	0	0.3	0	0

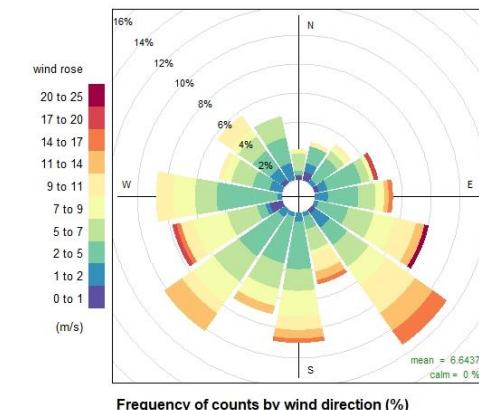


Kolkata

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	0.3	0	0.3	1.2	0.3	0	0	0	0	0	0
12-33		0.6	0.6	1.2	0	0	0.3	0	0	0	0	0
34-56		0	0.3	1.8	0.6	0.3	0.3	0	0	0	0	0
57-78		0.3	0.6	2.4	0.6	0.3	0	0	0	0.3	0	0
79-101		0	0.9	2.1	1.2	0.6	0	0.3	0.3	0	0	0
102-123		0	0.3	2.1	1.8	1.5	1.5	0.6	0	0	0.3	0
124-146		0.3	1.2	1.5	1.8	1.5	2.4	1.5	1.2	0	0	0
147-168		0	0.3	0.9	1.2	0.3	1.2	0.6	0.3	0	0	0
168-191		0	0.6	3.3	1.8	1.8	0.9	0.6	0.3	0	0	0
192-213		0	0.3	3.3	1.8	1.2	0	0.6	0	0	0	0
214-236		0	0.6	3.3	2.1	1.8	0.9	1.5	0	0	0	0
237-258		0.9	0.3	0.6	2.1	2.4	0.9	0	0.3	0.3	0	0
259-281		0	0.3	4.2	1.5	1.5	1.2	0	0	0	0	0
282-303		0	0.9	1.2	1.5	0.6	0.3	0	0	0	0	0
304-326		0.3	0.9	1.5	1.2	0.6	1.2	0	0	0	0	0
327-348		0	1.2	1.8	1.5	0	0	0	0	0	0	0

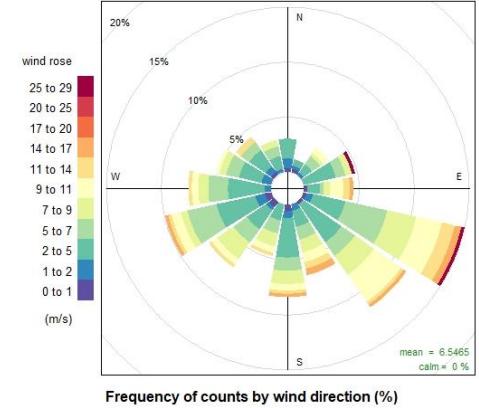


Kolkata

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	0.3	0.9	1.8	0	0	0	0	0	0	0	0
12-33		0.3	0.3	0.6	0	0	0	0	0	0	0	0
34-56		0	0.3	0.9	0.9	0.3	0.6	0	0	0	0	0
57-78		0	0	3	0.9	0.6	0	0	0	0	0	0.3
79-101		0.3	0	1.2	0.3	0.6	1.2	0.6	0.3	0	0	0
102-123		0.3	0.6	3	3.9	2.7	2.4	1.2	0.6	0	0	0.3
124-146		0.3	0	4.2	1.5	2.1	3	0.3	0.3	0	0	0
147-168		0	0.6	1.5	1.2	1.2	0.6	0.6	0.6	0	0	0
168-191		0.6	0.6	3.6	1.2	1.2	0.9	0.3	0.3	0	0	0
192-213		0	0	1.5	1.2	1.2	0.6	0.3	0	0	0	0
214-236		0.6	0.3	2.1	1.5	1.8	0.6	0.3	0	0	0	0
237-258		0.6	0.9	3.6	2.7	0.6	0.9	0.3	0.3	0	0	0
259-281		0	0.6	3.3	1.8	0.9	0.6	0.3	0	0	0	0
282-303		0	0.9	2.1	1.2	0.6	0.3	0	0	0	0	0
304-326		0.3	0.6	1.8	0.9	0	0	0.6	0	0	0	0
327-348		0	0.3	1.2	0.9	0.6	0	0	0	0	0	0

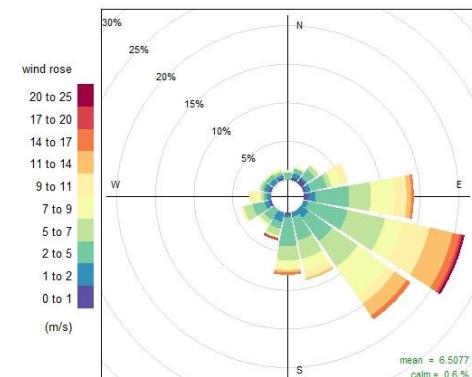


Kolkata

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	0.9	0	0.3	0	0	0	0	0	0
12-33		0.3	0.6	0.6	0	0.3	0	0	0	0	0	0
34-56		0.6	0.3	1.2	0.6	0	0	0	0	0	0	0
57-78		0.3	0.6	2.2	0.6	1.2	0.9	0	0	0	0	0
79-101		0.6	0.9	4.3	2.8	3.1	1.5	0.6	0.3	0	0	0
102-123		0	0.6	5.3	5	2.5	3.4	3.1	0.9	0.3	0.3	0
124-146		0	1.2	3.7	4	4.6	1.2	1.9	0.6	0	0	0
147-168		0	0.6	2.8	2.2	1.5	0.9	0.3	0	0	0	0
168-191		0.3	0.3	4	2.2	1.2	0	0.3	0.3	0	0	0
192-213		0	1.2	0.9	0.9	0.3	0	0	0	0.3	0	0
214-236		0	0	1.5	0.6	0.3	0	0	0	0	0	0
237-258		0.3	0.6	1.5	1.2	0.3	0	0	0	0	0	0
259-281		0	0.6	0.3	0.3	0.6	0.9	0	0	0	0	0
282-303		0.3	0.6	0.3	0.3	0	0	0	0	0	0	0
304-326		0	0.6	0.6	0	0.3	0	0	0	0	0	0
327-348		0.3	0.3	0.3	0.3	0	0	0	0	0	0	0

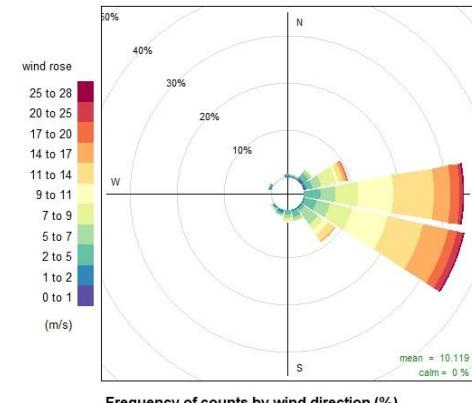


Kolkata

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	0.3	0.3	0	0	0	0	0	0	0	0
12-33		0	0.3	0	0.3	0	0	0	0	0	0	0
34-56		0.3	0.3	1.3	0.6	0.3	0	0	0	0	0	0
57-78		0.3	0.3	1.3	1.9	3.2	0.6	1	0.6	0.3	0	0
79-101		0	0	3.5	3.2	4.8	7.4	8.7	3.5	1.9	0.6	0.3
102-123		0	0.3	2.6	2.9	4.8	7.7	7.7	5.5	1.9	1.3	0.3
124-146		0	0.3	0.6	3.5	1.3	1.3	1.6	0.3	0	0	0
147-168		0	0.3	1.3	0.6	0	0	0.3	0	0	0	0
168-191		0	0	1	0.6	0.6	0.3	0	0	0	0	0
192-213		0	0.6	0.3	0.3	0	0	0	0	0	0	0
214-236		0	0.3	0	0.3	0.3	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	0.3	0.3	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

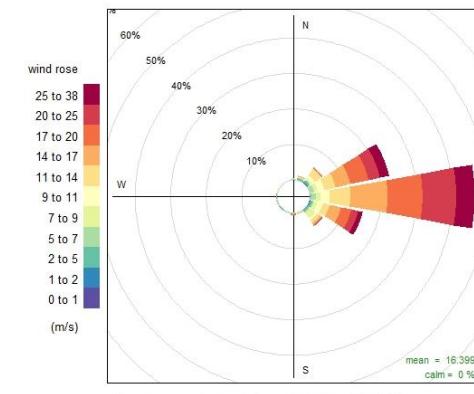


Kolkata

August

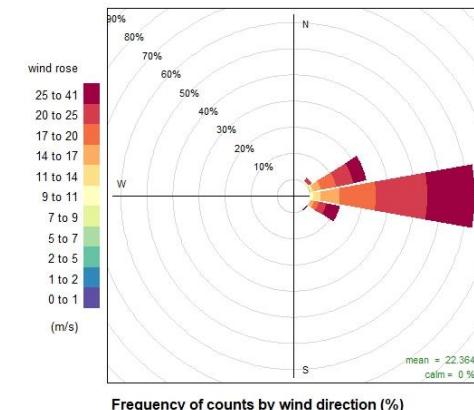
200 hPa level

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	0.3	0	0	0	0	0	0	0
12-33		0	0	0.7	0	0.3	0	0	0.3	0	0	0
34-56		0	0.3	0.7	0	0.7	1	2.3	0	0.3	0	0
57-78		0	0	0	1.3	1	2	3.3	4.2	5.2	3.3	2.6
79-101		0	0	0.3	1.3	1.3	2.6	5.9	10.5	9.8	9.5	5.2
102-123		0	0.3	0.7	0.3	1	1.6	2	3.3	2.9	2	1.3
124-146		0	0	0.7	0.3	2	0.7	1	0.7	0	0.3	0
147-168		0	0	0	0.3	0	0	0.3	0	0	0	0
168-191		0	0	0	0.3	0	0	0	0	0.3	0	0
192-213		0	0	0	0.3	0	0	0	0	0	0	0
214-236		0	0	0.3	0	0	0	0	0	0	0	0
237-258		0	0	0	0.3	0	0	0	0	0	0	0
259-281		0	0	0.3	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0.3	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



Kolkata August 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0.4	0.4	0	0	1.5	0
57-78		0	0	0	0.4	0	0.4	0.7	3	5.9	6.7	5.2
79-101		0	0	0	0	0	1.5	2.6	7.4	13.8	19.7	18.2
102-123		0	0	0	0	0	0.4	0	1.5	1.9	3	5.2
124-146		0	0	0	0	0	0	0	0	0	0	0.4
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

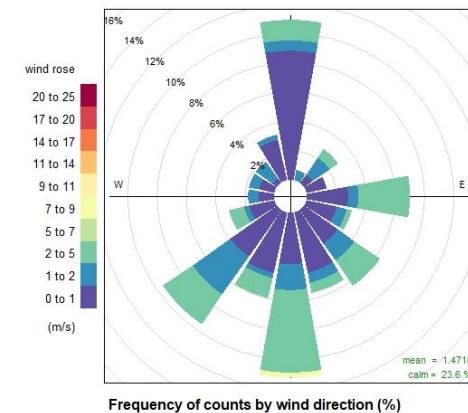


Kolkata

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	24	8.8	0.7	1.4	0	0	0	0	0	0	0	0
12-33		0	0.7	0	0	0	0	0	0	0	0	0
34-56		0.7	1.4	0.7	0	0	0	0	0	0	0	0
57-78		1.4	0	0	0	0	0	0	0	0	0	0
79-101		2.8	0.7	3.5	0	0	0	0	0	0	0	0
102-123		2.1	0.7	0.4	0	0	0	0	0	0	0	0
124-146		2.8	1.4	2.1	0	0	0	0	0	0	0	0
147-168		3.9	0.7	0.7	0	0	0	0	0	0	0	0
168-191		3.9	1.8	5.6	0	0.4	0	0	0	0	0	0
192-213		4.2	0.4	1.4	0	0	0	0	0	0	0	0
214-236		3.9	3.2	2.5	0	0	0	0	0	0	0	0
237-258		1.8	0.4	1.1	0	0	0	0	0	0	0	0
259-281		1.1	0.7	0	0	0	0	0	0	0	0	0
282-303		1.1	0.7	0	0	0	0	0	0	0	0	0
304-326		0.4	1.4	0	0	0	0	0	0	0	0	0
327-348		2.8	0.4	0	0	0	0	0	0	0	0	0

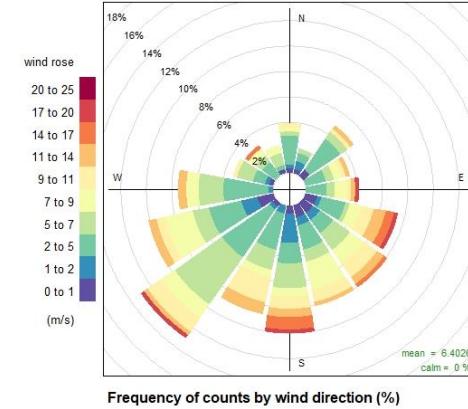


Kolkata

September

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0.3	2.3	0.3	0.3	0	0	0	0	0	0
12-33		0.3	0.6	0.6	0.3	0	0	0	0	0	0	0
34-56		0.6	0	2.9	0.6	0	0.3	0.3	0	0	0	0
57-78		0	0	1.6	0.6	0.6	0.3	0.3	0	0	0	0
79-101		0	0	1.6	0.6	1	0.3	0.3	0	0.3	0	0
102-123		1	0.3	1.9	0.3	1	1	1	0.6	0.3	0	0
124-146		1	0.6	1.3	1.6	1.3	1.3	0.6	0.3	0	0	0
147-168		1	0.6	1.6	1	2.3	1	0.3	0	0	0	0
168-191		0.6	2.3	1.9	1.9	0.6	1	0.6	1	0.3	0	0
192-213		0	0.6	2.9	1.6	0.6	1.9	1	0	0	0	0
214-236		0.3	0.3	4.5	4.5	1.3	1.3	0.3	0	0.3	0	0
237-258		1.3	1.3	2.6	1.3	2.3	0.6	0.6	0	0	0	0
259-281		0	0.3	3.6	1.9	1	0	0.6	0	0	0	0
282-303		0.3	0.3	1	1.3	0	0.3	0	0	0	0	0
304-326		0	0	1.3	0.6	0.6	0	0	0.3	0	0	0
327-348		0.3	0	0.3	1	0.6	0	0	0	0	0	0

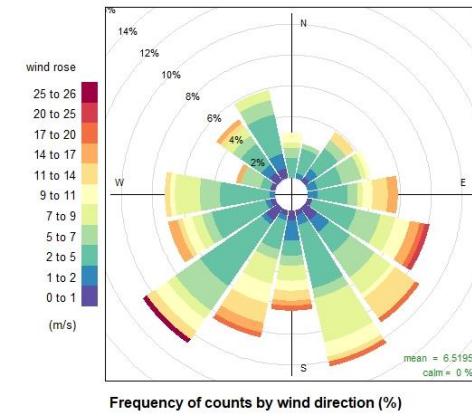


Kolkata

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	0	1.3	0.6	0.3	0.6	0	0	0	0	0
12-33		0	0.3	1.6	0.3	0	0	0	0	0	0	0
34-56		0.3	0.6	1.6	0.6	0	0	0.6	0	0	0	0
57-78		0	0.6	1.6	1.3	0.3	0.3	0	0	0	0	0
79-101		0	0.6	1.9	0.6	0.3	0.6	1	0.6	0	0	0
102-123		0.3	0	2.9	1.6	1	1	0	0.6	0.3	0.3	0
124-146		1	1	1.6	1.9	1.3	0.3	1.6	0	0.3	0	0
147-168		0.3	0.6	3.2	0.6	2.9	1	0.3	0	0.3	0	0
168-191		0.6	1.3	1.9	0.6	1	0.6	0.6	0.3	0.3	0	0
192-213		0.3	0.3	1.9	0.6	1.6	1.3	1.3	0.6	0.3	0	0
214-236		1	0.3	4.9	1.9	0.6	1	0.6	0	0	0	0.3
237-258		0.3	0.3	3.6	0.6	0.6	0.6	0.3	0.6	0	0	0
259-281		0	0.3	3.2	1.3	1.6	0.3	0.3	0	0	0	0
282-303		0.3	0	0.6	1.3	0	0	0	0.3	0	0	0
304-326		0.6	0.6	1.6	0.6	0.6	0	0.3	0.3	0	0	0
327-348		0.6	1	2.6	1	0.6	0	0	0	0	0	0

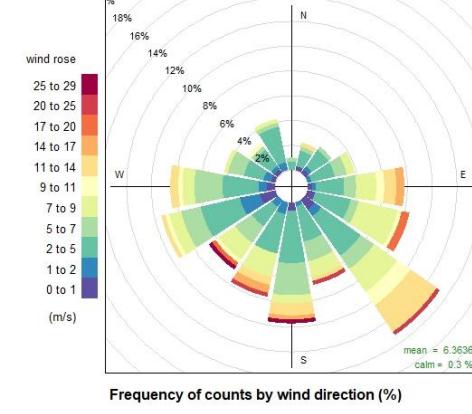


Kolkata

September

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.6	0.3	0	0	0	0	0	0	0
12-33		0.3	0	1.3	0.3	0	0	0.3	0	0	0	0
34-56		0.3	0.3	1.6	0.3	0	0	0	0	0	0	0
57-78		0	0.3	1.9	1	0.6	0	0	0	0	0	0
79-101		0.3	0.3	2.3	1	1.6	0.6	1	0.6	0	0	0
102-123		0.6	0	2.9	0.6	3.2	0.3	0	0	0.6	0	0
124-146		1	0.6	3.9	1.3	2.3	1.3	2.6	0	0	0.3	0
147-168		0	0	2.9	1.6	1.3	0	0.3	0	0	0.3	0
168-191		0.6	0.3	4.2	2.6	0.6	0	1	0.3	0	0	0.3
192-213		0	1	3.2	0	1.9	0	0.6	0.6	0	0.3	0
214-236		0	0.6	1.9	1.6	1.6	0.3	0	0	0.3	0	0.3
237-258		1.3	1.6	3.2	1.6	1	0.3	0.3	0	0	0	0
259-281		0.6	0.6	2.9	2.3	1	0.3	0.6	0	0	0	0
282-303		0.3	0.6	1.6	1.3	0.3	0	0	0	0	0	0
304-326		0.3	0.3	1.6	0.3	0	0.3	0	0	0	0	0
327-348		0	0.6	2.9	0.3	0.3	0	0	0	0	0	0

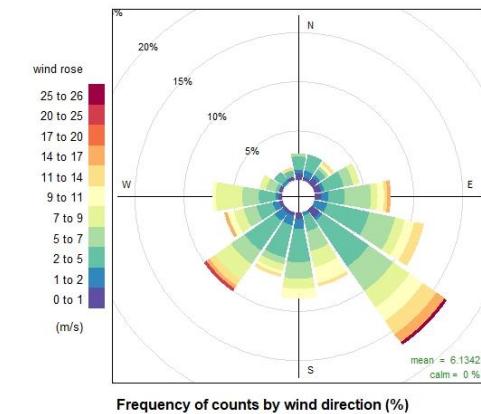


Kolkata

September

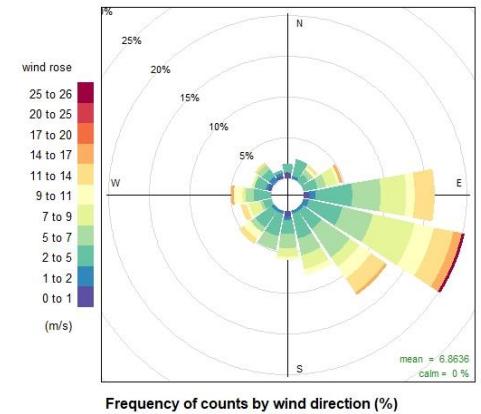
500 hPa level

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



Kolkata September 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	0	1	0	0	0	0	0	0	0	0
12-33		0	0.3	2.1	0	0	0	0	0	0	0	0
34-56		0	0	1	0.7	0	0.3	0.3	0	0	0	0
57-78		0	0	1.7	1	1.4	0.3	0	0.3	0	0	0
79-101		0.7	0.7	4.5	3.5	3.1	1	2.4	0	0	0	0
102-123		0	0.7	4.2	3.8	5.2	2.4	2.4	1	0	0	0.3
124-146		0	0.3	2.8	4.2	1.4	1.7	2.1	0.3	0	0	0
147-168		0	0.3	3.1	2.1	1.7	0.7	0	0	0	0	0
168-191		0.7	0.3	1.7	1.7	1	0.3	0	0	0	0	0
192-213		0	0.3	2.8	1.7	0	0	0	0	0	0	0
214-236		0	0.3	2.4	0.7	0	1	0.7	0	0	0	0
237-258		0	0	1	0.3	1.4	0.3	0.7	0	0	0	0
259-281		0	0	2.1	1	0.3	1	0	0.3	0	0	0
282-303		0.3	0.3	1.4	0	0.3	0	0	0	0	0	0
304-326		0	0.7	1	0.7	0	0	0.3	0	0	0	0
327-348		0.3	0.3	0.3	0	0	0	0	0	0	0	0

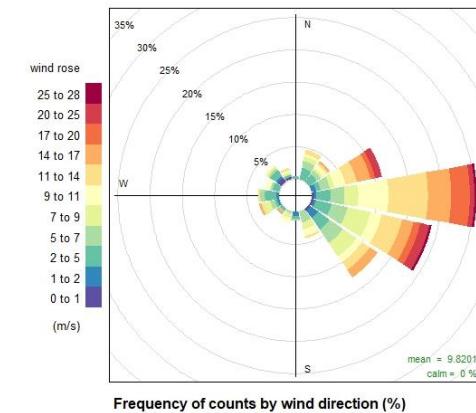


Kolkata

September

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0	0	0	0	0	0	0	0
12-33		0	0	1.8	1.1	0.7	0.4	0.7	0	0	0	0
34-56		0	0	1.4	0.7	0.4	0.7	0.4	0.4	0	0	0
57-78		0	0.7	0.7	1.4	0.7	1.8	1.8	2.2	0.7	1.1	0
79-101		0.4	0.4	2.2	2.2	2.2	4.7	6.1	3.6	2.9	0.7	0.4
102-123		0.4	0.4	2.5	2.5	3.6	1.8	3.2	1.8	1.1	1.4	0.4
124-146		0.4	1.4	2.2	2.5	2.5	1.1	1.4	1.4	0	0	0
147-168	0	0	0	1.8	0.7	1.1	0.4	0	0	0	0	0
168-191		0	0.7	0.4	0.4	0.4	0	0	0	0	0	0
192-213		0	0	0	0.4	0.7	0.7	0	0	0	0	0
214-236		0	0	0.4	0.4	0	0	0	0.4	0	0	0
237-258		0	0.4	0.4	0.7	1.1	0	0.4	0.4	0	0	0
259-281		0	0.4	1.8	0.7	0	0	0.4	0	0	0	0
282-303		0	0	1.1	0.4	0	0.7	0	0	0	0	0
304-326		0.7	0.4	1.1	0.4	0.4	0.4	0	0	0	0	0
327-348		0.4	0	0.4	0	0.4	0.4	0.4	0	0	0	0

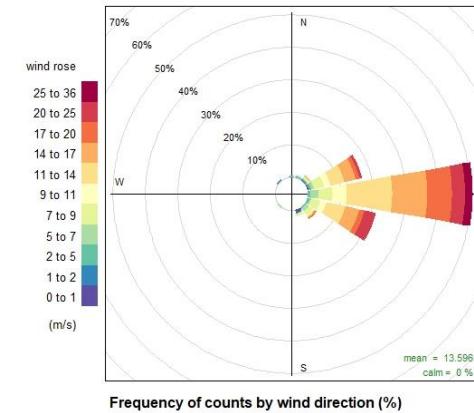


Kolkata

September

100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0	0	0	0	0	0	0	0
12-33		0	0	0.4	0.4	0	0	0	0	0	0	0
34-56		0	0.4	0.4	0	0.8	0	0	0.4	0	0	0
57-78		0.4	0	0.8	0.8	3.2	2	4.4	3.6	1.2	0.8	0
79-101		0	0	0.8	2.4	4.4	4.4	14	10.8	7.6	4	2.4
102-123		0	0	0.8	0.4	2.8	2	6	4.4	1.6	3.6	0
124-146		0	0	0.4	1.2	1.6	0.4	0	0.4	0.4	0	0
147-168	0	0.8	0.4	0	0	0.8	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	0.4	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	0.4	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

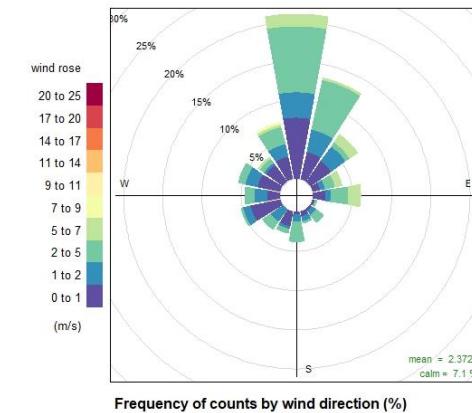


Kolkata

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		7.8	3.2	8.4	1.6	0	0	0	0	0	0	0
12-33		3.6	2.9	6.5	0.3	0	0	0	0	0	0	0
34-56		3.2	2.3	0.6	1.3	0	0	0	0	0	0	0
57-78		1	0.6	1.3	1	0	0	0	0	0	0	0
79-101		1.6	0.6	2.3	1.6	0	0	0	0	0	0	0
102-123		0.3	0	0.3	0	0	0	0	0	0	0	0
124-146		0.3	0.6	1.3	0	0	0	0	0	0	0	0
147-168		0.6	0.3	0.3	0	0	0	0	0	0	0	0
168-191		0.3	1.3	2.6	0	0	0	0	0	0	0	0
192-213		1.9	0.3	0.6	0	0	0	0	0	0	0	0
214-236		0	1.9	1.3	0	0	0	0	0	0	0	0
237-258		3.9	1	0.3	0	0	0	0	0	0	0	0
259-281		1.6	1.6	1.3	0	0	0	0	0	0	0	0
282-303		2.9	1.6	1	0	0	0	0	0	0	0	0
304-326		2.6	0.3	0.6	0.3	0	0	0	0	0	0	0
327-348		2.9	1.6	2.3	0.3	0.3	0	0	0	0	0	0

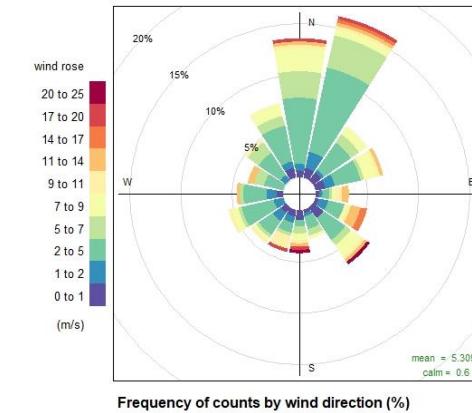


Kolkata

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		0.6	0.6	6.5	2.6	2.3	0.3	0.3	0	0.3	0	0
12-33		1	1.6	8.4	3.2	0.6	0.3	0.3	0.3	0.3	0	0
34-56		1	0.3	3.2	1	1	0	0	0	0	0	0
57-78		1	1	2.6	0.3	1.3	0.3	0.3	0	0	0	0
79-101		0.3	0.3	0.6	0.3	0.3	0.6	0.6	0	0	0	0
102-123		0.3	1	1.6	0	0.3	0.3	1	0.6	0	0	0
124-146		1.3	0	2.6	0.6	1.3	0.3	0.3	0	0	0.3	0
147-168		0.3	0.3	1	0.6	0.3	0	0	0	0	0	0
168-191		1	0	1	0.6	0.6	0.3	0.3	0	0.3	0.3	0
192-213		0.6	0.6	1	0.3	0	1.3	0	0	0.3	0	0
214-236		0.6	1	1.6	0.3	0.3	0.3	0	0	0	0	0
237-258		0	1	3.2	0.3	0.6	0.3	0	0	0	0	0
259-281		0.6	1	2.3	0.3	0	0	0.3	0	0	0	0
282-303		0	0	1.9	1	0	0	0.6	0	0	0	0
304-326		0	0.6	2.6	1.3	0	0.3	0	0	0	0	0
327-348		1	0.6	3.5	1	1.3	0	0	0	0	0	0

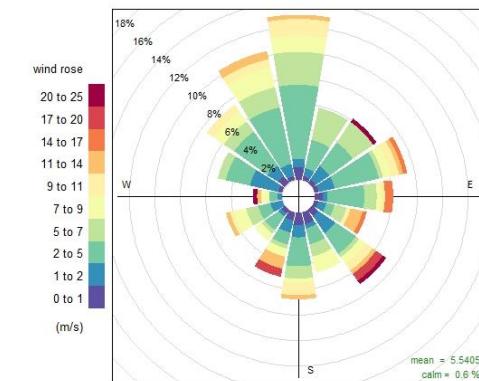


Kolkata

October

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	1	0.6	5.8	2.6	1.3	1.3	0.3	0	0	0	0
12-33		0.3	0.6	2.3	2.6	0	0	0	0	0	0	0
34-56		0.3	1.3	2.3	1.9	0	0	0	0	0	0.3	0
57-78		0.3	1.3	3.6	0.3	0.6	0.6	0.3	0.3	0	0	0
79-101		0.6	0.3	2.9	1	0.3	0.3	0	0.6	0	0	0
102-123		0.3	0.6	0.6	1	0	0.3	1	0.3	0	0	0
124-146		0.6	1.6	1.9	0.3	0.6	0.6	0.3	0	0.6	0.3	0
147-168		1	0.3	1.3	0.6	1	0	0	0	0	0	0
168-191		1	1	2.3	1.3	0.6	1	0.3	0	0	0	0
192-213		0.6	1	1	0.3	0.6	0	1	0	0.6	0	0
214-236		0.3	0.3	1.3	0.3	0.6	0	0	0	0	0	0
237-258		0	1	1	1	1	0.3	0.3	0	0	0	0
259-281		0	0.3	0.6	0	0.6	0	0.3	0	0	0.3	0
282-303		0.3	2.3	1.9	0.6	0	0	0	0	0	0	0
304-326		0.6	1	3.2	1	1	0.6	0	0	0	0	0
327-348		0.3	1	4.5	1.6	1.6	0.6	0.6	0	0	0	0

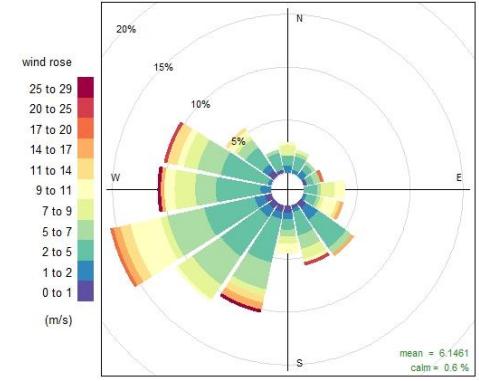


Kolkata

October

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.6	1	0	1	0.3	0	0	0	0	0
12-33		0	0.3	1.3	0.3	0.3	0	0	0	0	0	0
34-56		0	0.6	0.6	0.3	0	0	0	0	0	0	0
57-78		0.3	0	0.6	0.6	0	0	0	0	0.3	0	0
79-101		0	0	1.3	0.3	1.3	1	0	0	0	0	0
102-123		0	0.3	1	0.3	0.3	1.3	0.3	0.3	0	0	0
124-146		0.6	1.3	3.2	0.6	0	0	0	0.3	0	0	0
147-168		0.3	0.3	1.9	1.3	1	0.3	0	0	0	0.3	0
168-191		0.6	0.6	1.3	0.6	0.6	1	0	0	0	0	0
192-213		0.6	0.6	4.2	2.6	0.6	0	0.6	0.6	0	0	0.3
214-236		0.6	1	4.5	3.2	1.6	0.3	0	0	0	0	0
237-258		0.6	1	4.9	3.6	0.6	2.9	1	0.6	0.3	0	0
259-281		0	1	4.2	1.9	1.9	1	0	0.3	0	0	0.3
282-303		0	0.3	4.5	2.3	1.3	0.6	1	0	0	0.3	0
304-326		0.6	0.6	1.9	1	0.3	0.6	0.3	0	0	0	0
327-348		0.3	0	1.6	0.3	0	0	0	0	0	0	0

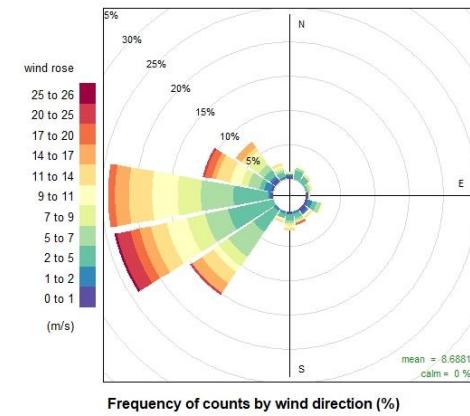


Kolkata

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	0.3	0.3	0	0	0.3	0	0	0	0	0	0
12-33		0	0	1.4	0.3	0	0.3	0	0	0	0	0
34-56		0	0	1	0	0	0	0.3	0	0	0	0
57-78		0	0	0.3	0.3	0.3	0	0	0	0	0	0
79-101		0.3	0	0	0	0.3	0	0	0	0	0	0
102-123		0.3	0.7	0.7	0.7	0	0.3	0	0	0	0	0
124-146		0.7	0.3	0	0	0	0.3	0.3	0	0	0	0
147-168		0	0.3	0.7	0.3	0.3	0	0	0	0.3	0	0
168-191		0.3	0	1	0.3	0.3	0.3	0.3	0	0	0	0
192-213		0	0.3	0.7	0	0	0.3	0.3	0	0	0	0
214-236		0	0.3	3.7	4.4	1.7	1	2	1.7	0	0.3	0
237-258		0	0	6.8	3.4	2.7	3.1	2.4	1.7	1.4	2	0.3
259-281		0.3	0.3	5.1	4.7	3.4	3.7	3.4	2	1	0	0
282-303		0.3	1	0.7	1.7	1	1.7	2	0.7	1	0.3	0
304-326		0.7	0.3	1	1	1.7	0.7	0.7	1	0	0	0
327-348		0	0.3	0.7	0.3	0.3	0.3	0.3	0	0	0	0

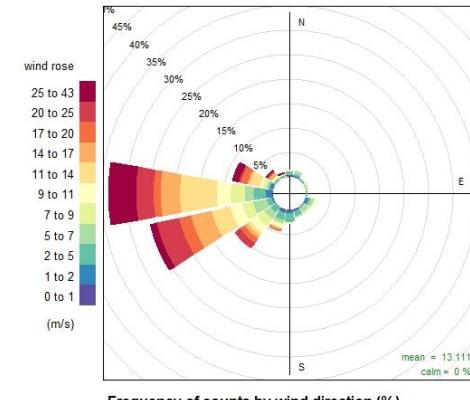


Kolkata

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	0.4	0	0.7	0	0	0.4	0	0	0	0	0
12-33		0	0.4	0.4	0.7	0	0	0	0	0	0	0
34-56		0	0	0.4	0	0	0	0	0	0	0	0
57-78		0	0	0	0.4	0.4	0	0	0	0	0	0
79-101		0	0	0.4	0	0	0	0	0	0	0	0
102-123		0	0.7	0.4	0.7	0	0.7	0	0	0	0	0
124-146		0	0	0.4	1.1	0.4	0	0	0	0	0	0
147-168		0.4	0	1.1	0.4	0	0	0	0	0	0	0
168-191		0.4	0.4	1.8	0	0	0.4	0	0	0	0	0
192-213		0.4	0.4	1.4	0.7	0.4	0.7	0	0.4	0.4	0	0
214-236		0	0	1.4	1.4	1.8	1.8	0.7	0.7	1.1	1.4	0
237-258		0	0.4	1.1	2.9	2.2	2.5	3.9	4.3	2.5	4.7	1.4
259-281		0.4	1.1	2.5	1.8	2.9	2.9	7.5	3.9	1.4	3.6	5.7
282-303		0	0.7	0.4	0.4	0.7	0.7	2.2	0.4	1.4	0.4	1.4
304-326		0	0	0.4	0	0.4	0.4	0	0.7	0	0.4	0.4
327-348		0	0	0.4	0	0.4	0	0	0	0	0	0.4

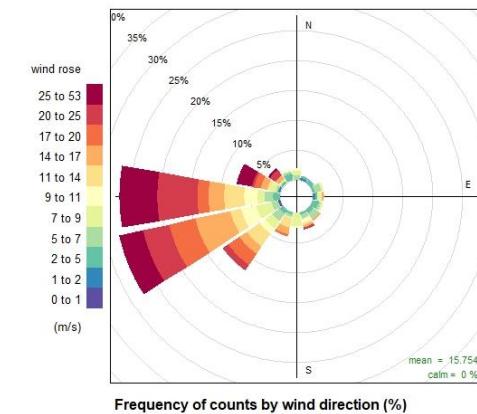


Kolkata

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	0.7	0.7	0.4	0	0	0	0	0
12-33		0	0.4	0.4	0	0	0	0	0	0	0	0
34-56		0	0	0.7	0	0	0	0	0	0	0	0
57-78		0	0	0.4	1.1	0.4	0	0	0	0	0	0
79-101		0	0.4	0.4	0	0.7	0	0	0.4	0	0	0
102-123		0	0	1.1	0.4	0.4	0	0	0	0	0	0
124-146		0	0	0.7	1.1	0	0	0	0.4	0	0	0
147-168		0	0	0.4	0.7	0	0.7	0.4	0.4	0	0.4	0
168-191		0	0	0	0	2.2	0.4	0	0	0	0	0
192-213		0	0	0.4	0.4	0.4	0	1.5	1.1	0.4	0	0
214-236		0	0	0.7	1.5	1.5	1.1	2.6	1.5	2.2	1.1	0
237-258		0.4	0	0	1.1	2.6	2.6	1.9	6	4.5	4.5	4.1
259-281		0	0	1.1	1.5	1.1	2.2	3.4	2.6	1.9	6.7	6.3
282-303		0	0.4	0	0.4	1.1	0	0.4	1.1	1.1	0.4	2.6
304-326		0	0	0.4	0	0.4	0	0	0.7	0	1.1	0.4
327-348		0	0	1.1	0.4	0	0.4	0	0	0	0	0

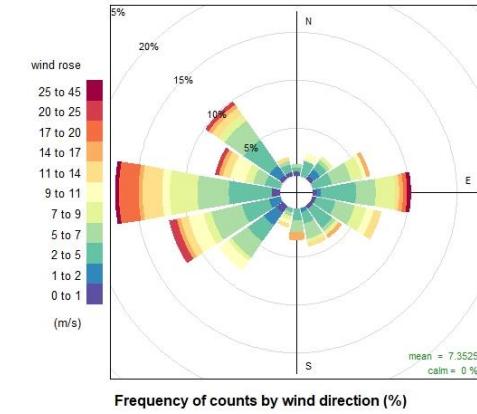


Kolkata

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	0.4	0	0.4	0.4	0	0	0	0	0	0	0
12-33		0	0	1.6	0	0	0.8	0	0	0	0	0
34-56		0.4	0.8	0.8	0.4	0.4	0	0	0	0	0	0
57-78		0	0	2	2	1.2	0.4	0	0.4	0	0	0
79-101		0.4	0.4	3.7	2	2	0	0.4	0.4	0.4	0	0.4
102-123		0.4	0	2	2	1.2	0.8	0.8	0	0	0	0
124-146		0.4	0	2.5	0.4	0.4	0	0	0.4	0	0	0
147-168		0	0.4	1.2	1.6	0.4	0	0.4	0	0	0	0
168-191		0	0	1.2	1.2	0	0	0	0.8	0	0	0
192-213		0	0	0.4	0.4	0.4	0.4	0.4	0	0	0	0
214-236		0.8	1.6	2	2	0.4	1.2	0	0	0	0	0
237-258		0	1.2	2.9	3.3	0.8	1.6	0.8	0.4	0	0.8	0
259-281		0.8	0	4.5	3.3	2.9	0.8	2	0.4	2	0	0.4
282-303		0	0	1.6	1.2	0.8	1.6	0.8	0.4	0	0.4	0
304-326		0.4	1.2	3.3	2.5	0.8	0	0.8	0.4	0	0.4	0
327-348		0.4	0	0.8	0.4	0	0	0.4	0	0	0	0

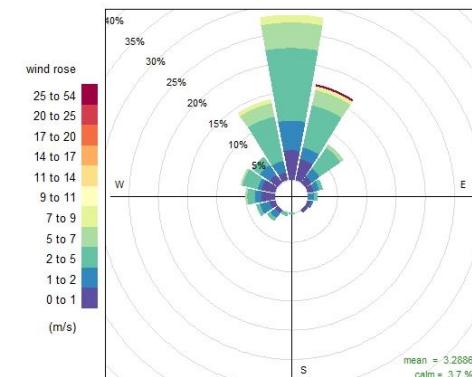


Kolkata

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	4	5	5	12.4	4.4	1.3	0	0	0	0	0	0
12-33		3.7	2	7.4	2.7	0.7	0	0	0	0	0	0.3
34-56		1.3	1.7	4.4	0.7	0	0	0	0	0	0	0
57-78		1	1	0.7	0	0	0	0	0	0	0	0
79-101		0	1	0.7	0	0	0	0	0	0	0	0
102-123		0.7	0.3	0	0	0	0	0	0	0	0	0
124-146		0.7	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0.3	0	0	0	0	0	0	0	0
192-213		0	0	0.7	0	0	0	0	0	0	0	0
214-236		0.7	1	0.7	0	0	0	0	0	0	0	0
237-258		1	1.7	0.7	0	0	0	0	0	0	0	0
259-281		2.3	1	1.3	0.3	0	0	0	0	0	0	0
282-303		2.3	0.7	2.7	0.3	0	0	0	0	0	0	0
304-326		1.7	2	1.7	0	0	0	0	0	0	0	0
327-348		1.3	2	7.7	2.3	0.7	0	0	0	0	0	0

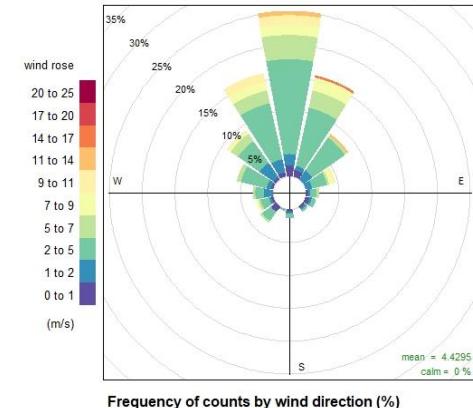


Kolkata

November

925 hPa level

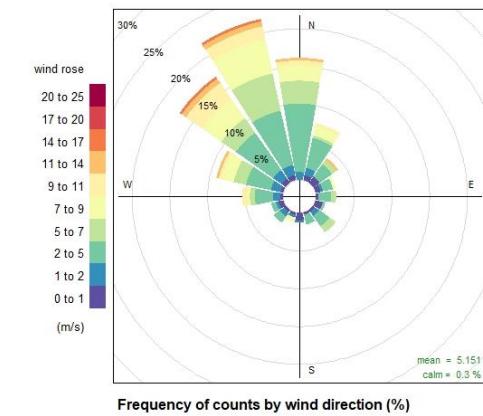
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	1.7	1.7	14.4	3.7	1.7	1.3	0.7	0	0	0	0
12-33		1	0.7	9.1	2.7	2	0	0	0.3	0	0	0
34-56		0	1.7	6	0.3	0	0	0.3	0	0	0	0
57-78		0	1	2.3	0.3	0.7	0.3	0	0	0	0	0
79-101		0.3	0.3	1	0.3	0	0	0	0	0	0	0
102-123		0.7	0.3	0.7	0	0	0	0	0	0	0	0
124-146		0.3	0.3	0.3	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0.3	0.3	0.7	0	0	0	0	0	0	0	0
192-213		0	0	0.3	0	0	0	0	0	0	0	0
214-236		1	0	1.7	0.3	0	0	0	0	0	0	0
237-258		0.3	0.3	1.3	0.3	0.3	0	0	0	0	0	0
259-281		0	1.3	1.3	0.3	0	0	0	0	0	0	0
282-303		0.3	0.7	4	0.7	0	0	0	0	0	0	0
304-326		0.3	2.7	4	1.3	0.3	0.3	0	0	0	0	0
327-348		0.7	2	8.7	2	1.3	1.3	0	0	0	0	0



Kolkata

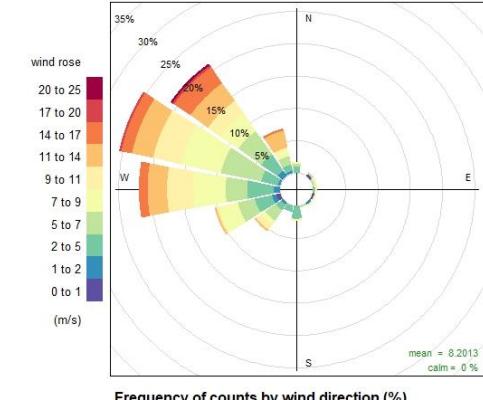
November 850 hPa level

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	1	9.1	3	2	0.7	0.3	0	0	0	0
12-33		0.7	1	4	0.3	1.3	0.3	0	0	0	0	0
34-56		1	0	2	0.7	0	0	0.3	0	0	0	0
57-78		0.7	0.3	1.3	0	0.3	0	0	0	0	0	0
79-101		0.3	0	1.7	0.7	0	0	0	0	0	0	0
102-123		1	0	0.3	0	0	0	0	0	0	0	0
124-146		0.3	0.7	1.7	1	0	0	0	0	0	0	0
147-168		0.3	0	1.3	0	0	0	0	0	0	0	0
168-191		1	0.3	0	0	0	0	0	0	0	0	0
192-213		0.3	0.3	0	0	0.7	0	0	0	0	0	0
214-236		0.3	0.7	1	0	0	0	0	0	0	0	0
237-258		0.7	0.3	0.7	0	0	0	0	0	0	0	0
259-281		0.3	1	2.3	0.7	0.3	0.7	0	0	0	0	0
282-303		0.3	1.3	3.4	1.7	1.7	0.3	0.3	0	0	0	0
304-326		0.7	1.3	6	2.3	3	2.7	0.7	0.3	0	0	0
327-348		0.7	1.3	7.4	5	4.7	1.7	0.7	0.3	0	0	0



Kolkata 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	0.3	0.3	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0.3	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0	0.3	0	0.3	0	0	0	0	0
79-101		0	0	0.3	0	0.3	0	0	0	0	0	0
102-123		0.3	0	0	0.3	0	0	0	0	0	0	0
124-146		0	0.3	0	0	0.3	0	0	0	0	0	0
147-168		0	0	0	0.3	0	0	0	0	0	0	0
168-191		0	0	2	0	0.3	0	0	0	0	0	0
192-213		0	0	1	0	0	0	0	0	0	0	0
214-236		0	0.3	1	2	0.7	1	0.3	0	0	0	0
237-258		0.7	0.7	2.7	2.7	3	0.3	0.3	0	0	0	0
259-281		0	1	4	3.4	5	4	3	1.3	0	0	0
282-303		0	0.3	2.7	6.4	6.4	4.4	3.4	1.7	0.3	0	0
304-326		0	1	3	4.4	3.4	2.3	3.4	3	0.3	0.3	0
327-348		0	0.3	1	1.3	1	0.3	2.7	0.3	0	0	0

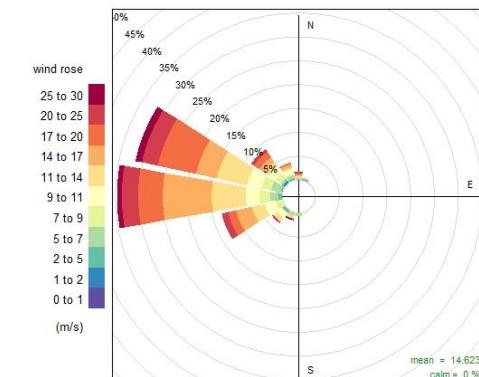


Kolkata

November

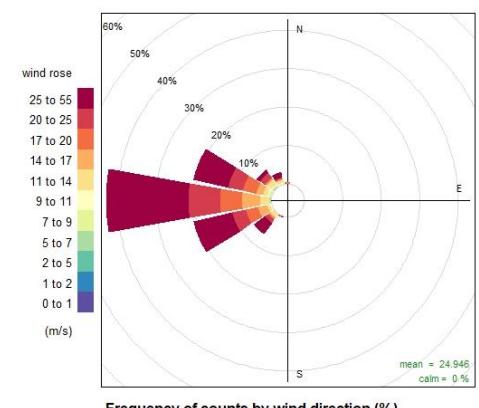
500 hPa level

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	0	0.3	0	0	0.3	0.3	0.3	0.3	0
12-33		0	0	0.3	0	0.3	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	0.3	0	0	0	0	0	0	0
168-191		0	0	0	0.7	0	0	0	0	0	0	0
192-213		0	0	0	0.7	0	0	0.7	0	0	0	0.3
214-236		0	0	0.7	0	0	1.4	1	0	0	0.3	0
237-258		0	0	0	0	1.4	2.4	2.7	3.4	1.7	1.4	0
259-281		0	0	0.7	1.7	2.4	2.7	7.2	10.3	5.1	3.4	1
282-303		0	0	0.3	2.1	2.1	3.1	6.5	4.5	8.2	3.4	1.4
304-326		0	0.3	0.3	0.3	1.4	1.7	1	1.4	1.4	0.7	0
327-348		0	0	0.3	0.7	0.3	1	0.3	0.7	0.3	0	0



Kolkata 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	0.4	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	0.4	0
214-236		0	0	0	0	0	0	1.1	0.4	0.4	1.1	3.6
237-258		0	0	0	0	0.4	0.7	2.5	3.2	3.6	10.4	
259-281		0	0	0	0.4	0.4	0	2.1	4.6	5.7	8.2	21.4
282-303		0	0	0	0	0.7	0.4	1.1	1.8	3.6	3.9	9.3
304-326		0	0	0	0.4	0	0.4	1.4	0.4	0.4	1.4	1.1
327-348		0	0	0	0	0.4	0.7	0.4	0.4	0	0.4	1.4

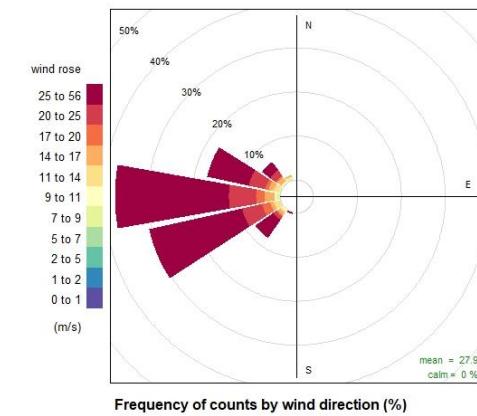


Kolkata

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	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	0.4
214-236		0	0	0	0	0.4	0.4	0.8	0.4	0.8	0.8	5
237-258		0	0	0	0	0	1.5	0.8	1.9	4.6	21.6	
259-281		0	0	0	0.8	0.4	0	2.3	1.9	6.2	25.9	
282-303		0	0	0	0.4	0	1.2	1.2	0.8	3.9	9.7	
304-326		0	0	0	0	0.4	0	1.2	0.4	1.5	1.5	2.3
327-348		0	0	0	0	0.8	0	0	0.4	0	0	0

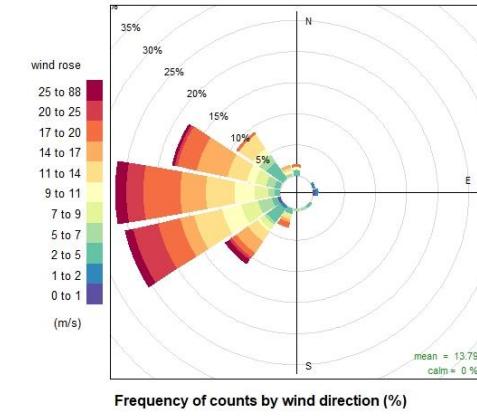


Kolkata

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	0.9	0	0	0.5	0	0	0.5	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	0	0	0	0	0	0	0	0	0
79-101		0.5	0.5	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	0.5	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0.9	0	0	0	0	0	0	0
192-213		0	0	0.9	0	0.5	0	0.5	0.5	0.9	0	0
214-236		0	0.5	2.7	0.5	0.9	0.5	1.8	2.3	0.9	0.5	0.9
237-258		0.5	0	0.9	2.3	2.7	3.2	4.6	2.3	3.7	4.1	1.4
259-281		0	0	0.9	0.9	2.3	3.2	4.6	4.1	5.9	2.7	1.8
282-303		0	0	0.9	1.4	1.8	1.4	3.2	5	3.2	0.5	0.5
304-326		0	0	3.2	1.4	0	1.4	2.7	0	0.5	0	0
327-348		0	0	0	0.5	0	0.5	0.5	0.5	0	0	0

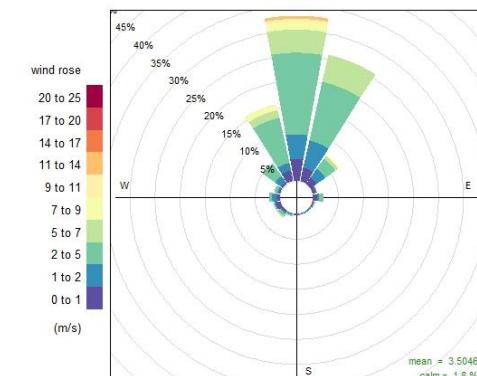


Kolkata

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	2	4.3	4.9	16.3	4.6	1.5	0.6	0.6	0	0	0	0
12-33		2.8	5.5	12	5.5	0	0	0	0	0	0	0
34-56		1.5	2.2	2.5	0.6	0.3	0	0	0	0	0	0
57-78		0.6	0.3	0	0	0	0	0	0	0	0	0
79-101		0.9	0.3	0.9	0	0	0	0	0	0	0	0
102-123		0.3	0	0.3	0	0	0	0	0	0	0	0
124-146		0	0.3	0	0	0	0	0	0	0	0	0
147-168		0	0.3	0	0	0	0	0	0	0	0	0
168-191		0.3	0	0	0	0	0	0	0	0	0	0
192-213		0	0.3	0.3	0	0	0	0	0	0	0	0
214-236		0.3	0.3	0.6	0.3	0	0	0	0	0	0	0
237-258		0.9	0.3	0	0.3	0	0	0	0	0	0	0
259-281		0.6	0.9	0.6	0	0	0	0	0	0	0	0
282-303		0.3	0.3	0.6	0	0	0	0	0	0	0	0
304-326		0.3	1.5	3.1	0	0	0	0	0	0	0	0
327-348		2.2	1.5	9.2	1.5	0.9	0.3	0	0	0	0	0

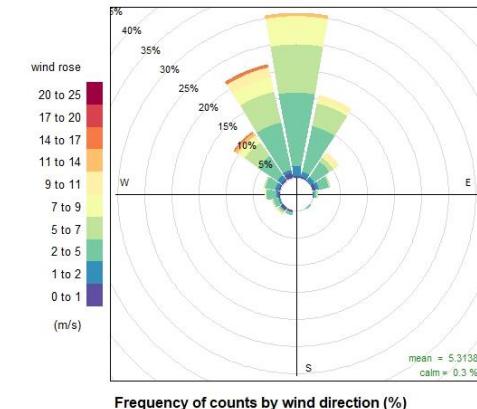


Kolkata

December

925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	1.8	13.5	8.9	4.9	0.3	0.6	0	0	0	0
12-33		0.3	0.9	8.6	4.3	0.6	0.9	0	0	0	0	0
34-56		0	0.9	3.4	0.9	0.3	0.9	0	0	0	0	0
57-78		0.6	0.6	1.8	0.3	0	0	0	0	0	0	0
79-101		0	0.3	0.3	0.3	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0.3	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		0.3	0	0.6	0	0	0	0	0	0	0	0
214-236		0.6	0	0.3	0.3	0	0.3	0	0	0	0	0
237-258		0	0.3	0.9	0.3	0	0	0	0	0	0	0
259-281		0.3	0.3	1.8	0	0.3	0	0	0	0	0	0
282-303		0.3	0.6	1.8	0.3	0	0	0	0	0	0	0
304-326		0.3	0.9	4.3	3.1	0.9	0.6	0.6	0.3	0	0	0
327-348		0.9	0.6	8.9	5.8	2.8	1.8	0	0.6	0	0	0

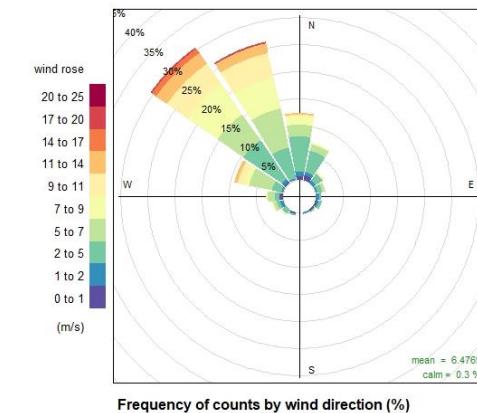


Kolkata

December

850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.6	0.9	6.5	2.2	1.5	0.3	0.3	0	0	0	0
12-33		0.9	0.6	4	1.2	0.3	0	0	0	0	0	0
34-56		0	0.6	1.5	0	0	0.3	0	0	0	0	0
57-78		0	0.3	0.9	0.6	0	0	0	0	0	0	0
79-101		0	0.6	0.3	0	0	0	0	0	0	0	0
102-123		0.3	0.3	0.6	0	0	0	0	0	0	0	0
124-146		0.3	0	0.3	0	0	0	0	0	0	0	0
147-168		0	0.3	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0.3	0	0.3	0	0	0	0	0	0	0	0
214-236		0	0	0.9	0	0	0.3	0	0	0	0	0
237-258		0	0.6	0.6	0	0.3	0	0	0	0	0	0
259-281		0.6	0	0.9	1.2	0.3	0	0	0	0	0	0
282-303		0	0.3	1.8	4.3	0.9	1.2	0.6	0	0	0	0
304-326		0.3	0.6	8.6	5.8	6.8	4.6	2.5	0.9	0.3	0	0
327-348		0	0.3	5.8	7.4	5.8	4.6	1.8	0	0.3	0	0

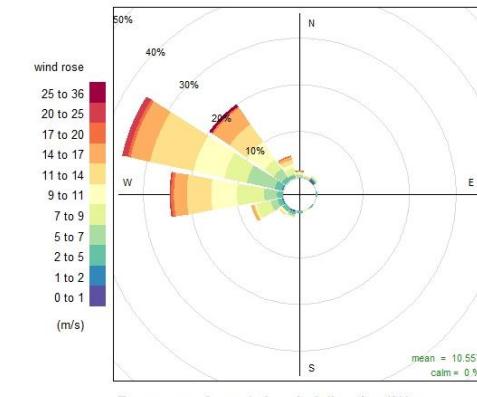


Kolkata

December

700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0.6	0.3	0.3	0	0	0.3	0	0
12-33		0	0	0	0.3	0	0	0.3	0	0	0	0
34-56		0.3	0.3	0	0.3	0.3	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.3	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0.3	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0.3	0	0	0	0	0	0
168-191		0	0	0.6	0	0	0	0	0	0	0	0
192-213		0.3	0	0.6	0.3	0	0	0.3	0	0	0	0
214-236		0	0	0.9	0	0	0.6	0.3	0	0	0	0
237-258		0	0.3	0.9	1.5	3.1	0.3	0.3	0.6	0	0	0
259-281		0	0	1.2	2.8	5.8	5.5	5.2	2.8	0.6	0.3	0
282-303		0	0.3	1.5	6.2	4.9	6.8	9.5	4.3	0.6	1.2	0
304-326		0	0	0.9	2.2	2.5	4.6	4.6	4.3	0.3	0	0.6
327-348		0	0	0.6	0.3	1.2	0.9	0.9	0.6	0.3	0	0

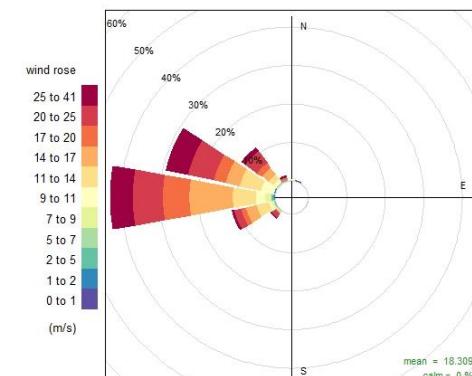


Kolkata

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	0.3	0	0	0	0	0	0
12-33		0.3	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	0.3	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	0.3	0.3	0	0	0	0.3	1.2	0.3
237-258		0	0	0.3	0	0.6	0.6	3.4	2.8	1.2	1.9	0.6
259-281		0	0.3	0.6	0	1.6	2.5	5.9	11.2	6.9	7.8	5.9
282-303		0	0.3	0	0	0	3.4	5.6	3.8	3.1	6.9	5.9
304-326		0	0	0	0.3	0	0.9	1.6	2.2	1.6	3.8	1.2
327-348		0	0	0.3	0	0	0	0	0	0.6	0	0.6

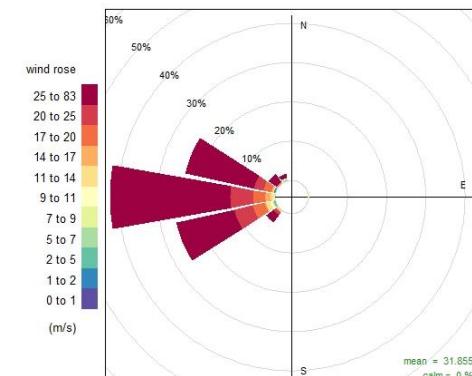


Kolkata

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	0.3	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	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	0.3	0.3	0	0	0.7	2.4
237-258		0	0	0.3	0.3	0	0.7	1	0.3	3.1	4.8	15.2
259-281		0	0	0	0	0.3	0	0.7	1.4	3.1	5.9	30.7
282-303		0	0.3	0	0	0	0	0.3	0.3	2.1	2.4	17.9
304-326		0	0	0	0	0	0	0	0	0.3	0	2.4
327-348		0	0	0.3	0	0.3	0	0	0	0	0	1

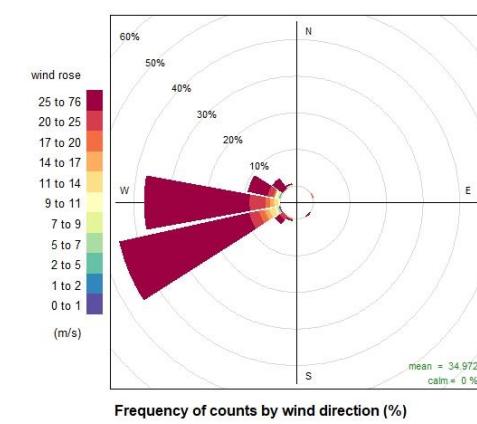


Kolkata

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
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0.4	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	0.4
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	0.4	0	0.4	0
214-236		0	0	0	0	0	0	0	0	0	1.2	1.6
237-258		0.4	0	0	0.4	0.4	0.4	1.6	1.2	1.6	2.8	36.4
259-281		0	0	0	0	0	0.4	1.2	1.2	1.2	4.3	28.9
282-303		0	0	0.4	0	0.4	0.8	0	0	0.4	1.6	5.5
304-326		0	0	0	0	0	0	0	0	0	0	3.6
327-348		0	0	0	0	0.4	0	0	0	0	0	0.4

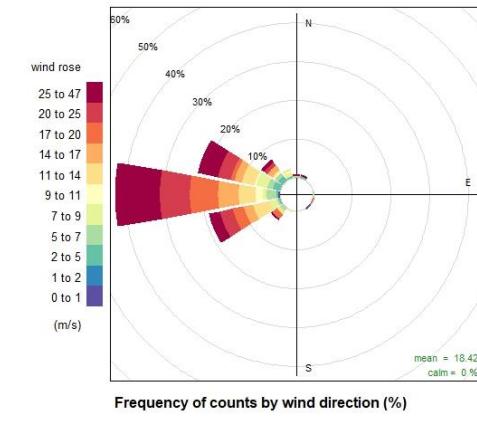


Kolkata

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	0.5	0	0	0	0	0	0	0.5
12-33		0	0	0.5	0	0	0	0	0	0	0	0.5
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	0.5	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0.5	0	0
124-146		0.5	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0.5	0	0	0	0	0	0
214-236		0	0	0	1	0	0	1	0	1.4	0	0.5
237-258		0	0	0.5	0.5	1.9	0	4.3	2.4	2.9	3.4	2.9
259-281		0.5	0	0.5	2.4	1	1.9	4.3	5.3	7.2	7.7	11.6
282-303		0	0	1.9	1.4	2.9	0.5	3.4	1.9	1	3.4	5.3
304-326		0	0	1.4	1	0	0.5	0.5	1.4	0	1	1
327-348		0	0	0.5	0	1	0.5	0.5	0	0	0	0



Kolkata

42809

Station height

6

January

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1014.1	1020	1008	13.8	21.2	8.2	12.2	360	0.6	0	-0.6	0.9
1000	125	170	73	15	25.2	8.3	11.2	6	2.7	-0.3	-2.7	4.1
950	554	603	457	16.2	24	6.6	7.1	346	3.3	0.8	-3.2	5.1
925	787	829	738	15.3	23	9.2	4.8	335	3.3	1.4	-3	5.6
900	1019	1061	893	13.9	21.8	6.8	2.9	321	4	2.5	-3.1	5.9
850	1499	1548	1400	11.7	20.2	4	-0.3	305	5.8	4.8	-3.3	7.7
800	2004	2110	1932	9.7	19.6	2.2	-3.9	296	7.6	6.8	-3.3	9.4
750	2537	2687	2444	7.7	17.1	-2.1	-6.9	291	9.7	9.1	-3.5	11.3
700	3103	3240	3017	5.3	15.2	-4.3	-9.9	284	11.2	10.9	-2.7	13.2
650	3704	3872	3600	2.2	13.4	-5.5	-12.6	279	13.7	13.5	-2.2	15.3
600	4346	4522	4230	-1.3	9.2	-10.3	-16.3	274	15.4	15.4	-1.2	17.7
550	5037	5237	4890	-5.3	5.2	-15.5	-19.5	274	18.8	18.8	-1.2	20.8
500	5775	5990	5643	-10	0.8	-21.5	-23.8	271	21	21	-0.4	23.7
450	6581	6807	6424	-15.3	4	-27.7	-28.5	270	25	25	0.1	27.2
400	7459	7702	7290	-21.2	-5.6	-36.9	-34.4	267	27.6	27.6	1.5	30.6
350	8433	8628	8239	-27.7	-15.7	-46.5	-40.1	266	31	30.9	1.9	33.5
300	9523	9787	9262	-35.1	-21.7	-52.1	-48.6	263	33.6	33.3	4.2	36.7
250	10771	11043	10442	-44	-33.9	-57.5	-57.7	260	35.2	34.6	6.3	38.4
200	12234	12795	11864	-54.5	-42.9	-66.5	-65.1	256	34.1	33.1	8.1	37
175	13075	13403	12689	-60.1	-49.7	-71.9	-62.9	257	32.4	31.6	7.2	34.5
150	14024	14384	13613	-65.8	-52.1	-76.5		256	29.7	28.9	7	32
125	15115	15533	14675	-71.3	-57.7	-87.6		260	25.3	24.9	4.5	27
100	16418	16922	16019	-75.6	-63.1	-86.7		261	19	18.7	3.1	20.5
80	17709	18269	17313	-75.4	-61.1	-87.3		266	14.1	14.1	1	15.6
70	18487	19062	18058	-72.6	-54.1	-85.9		267	10.5	10.5	0.6	12.4
60	19400	19986	18983	-68.3	-53.7	-81.9		273	8.1	8.1	-0.4	10.8
50	20509	21083	20066	-63.1	-47.1	-74.7		275	6	6	-0.5	9.2
40	21894	22476	21402	-58.7	-44.7	-71.1		277	5	5	-0.6	8.4
30	23716	24311	23162	-55	-38.9	-76.5		274	4.2	4.2	-0.3	8.9
25	24873	25497	24350	-53.2	-41.1	-66.7		270	4	4	0	8.5
20	26316	27031	25764	-51.3	-38.1	-63.7		262	5.1	5.1	0.7	9.5
15	28190	28933	27553	-49.5	-37.7	-60.9		256	7.4	7.2	1.8	11
10	30812	31269	30361	-47.1	-39.3	-59.1		260	11.1	10.9	1.9	14.9
7	33111	33560	32642	-46.2	-39.3	-58.5		262	15.2	15.1	2.1	15.6

FREEZING LEVEL

P	Height	H_max	H_min
621	4092	6000	2290

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
99	16522	-77.4

Kolkata

42809

Station height

6

February

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1011.9	1019	1002	17.4	25.4	10	15.4	346	0.4	0.1	-0.4	1
1000	107	165	21	18.3	29.6	10.6	14.6	343	1.4	0.4	-1.3	3.6
950	542	608	430	19.2	28.8	10.2	9.8	313	2.1	1.5	-1.4	5.2
925	778	839	722	18.3	27.2	11.6	8.9	301	2.6	2.2	-1.3	5.3
900	1011	1078	931	16.7	25.2	8.6	6.4	293	3.4	3.1	-1.3	5.7
850	1495	1564	1421	13.7	23.2	5.6	3.2	288	5.2	5	-1.6	6.9
800	2003	2078	1932	10.6	18.8	2.8	-0.5	285	7.6	7.3	-2	9.1
750	2536	2619	2426	7.6	18.2	-0.3	-4.1	286	9.5	9.1	-2.6	11.2
700	3103	3192	3006	4.5	12.6	-2.7	-8.3	284	11.5	11.2	-2.7	13.3
650	3701	3807	3589	1.5	10.6	-6.9	-12.5	279	13.4	13.2	-2.2	15.3
600	4343	4454	4220	-2	8	-10.1	-16.4	276	15.9	15.8	-1.8	17.9
550	5034	5180	4877	-5.8	5.4	-15.7	-21.2	274	18.5	18.5	-1.2	20.7
500	5769	5906	5630	-10.4	3.4	-19.9	-25.9	271	21.5	21.5	-0.5	23.8
450	6575	6750	6419	-15.7	-0.9	-27.1	-31.2	270	24.5	24.5	0.1	27.3
400	7452	7637	7285	-21.5	-8.7	-34.3	-37.5	269	27.2	27.2	0.7	30.2
350	8426	8632	8232	-28.1	-16.7	-38.9	-43.6	267	30.4	30.3	1.8	33.7
300	9514	9761	9289	-35.4	-23.7	-46.7	-51.1	264	33.1	32.9	3.3	36.8
250	10760	11037	10497	-44.1	-33.5	-56.5	-58.5	261	34.9	34.4	5.6	38.6
200	12223	12526	11816	-54.1	-41.5	-67.7	-64.5	260	34.1	33.6	6.1	37.2
175	13069	13417	12625	-59.6	-46.3	-75.5		260	32.1	31.6	5.7	34.9
150	14021	14414	13555	-65.2	-48.9	-82.3		260	28.5	28	5.1	31
125	15116	15515	14659	-70.8	-51.7	-85.3		261	24.8	24.5	4	26.9
100	16420	16936	15949	-75.6	-57.7	-87.5		263	19.4	19.3	2.3	21.1
80	17711	18336	17198	-75.7	-57.5	-86.3		266	13.8	13.8	0.9	15.3
70	18487	19179	17946	-73.4	-55.9	-85.1		268	10.5	10.5	0.3	12.1
60	19376	19938	18844	-68.9	-53.7	-83.5		271	8.1	8.1	-0.1	10.1
50	20503	21344	19932	-63.4	-48.1	-78.1		276	6.1	6.1	-0.6	9.1
40	21889	22798	21286	-58.8	-47.3	-75.9		285	3.9	3.8	-1	7.8
30	23718	24715	23228	-54.5	-41.3	-75.7		278	3	3	-0.4	7.9
25	24875	25948	24344	-52.8	-37.1	-73.9		278	2.9	2.9	-0.4	7.5
20	26316	27455	25798	-51	-39.7	-67.3		277	4.6	4.6	-0.6	7.6
15	28153	28784	27570	-49.4	-35	-59.5		264	5.3	5.3	0.6	8.4
10	30742	31386	30147	-47.6	-40.5	-57.7		268	12.1	12.1	0.4	14.6
7	32965	33205	32395	-48	-40.9	-52.7		267	14.4	14.4	0.7	14.8

FREEZING LEVEL

P	Height	H_max	H_min
631	3961	6595	2320

FIRST TROPOPAUSE

P	Height	Temp

SECOND ROPOPAUSE

P	Height	Temp
97	16675	-77.7

Kolkata

42809

Station height

6

March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1008.7	1016	1000	22.1	30.8	13.4	19.9	207	0.4	0.2	0.4	1.2
1000	81	144	6	22.6	28.6	13	19.2	246	1.2	1.1	0.5	3.1
950	523	589	402	23.5	31.8	13.2	13.6	255	3.4	3.3	0.9	6.1
925	761	823	692	22.7	31	10.9	11.5	261	3.9	3.9	0.6	6.3
900	999	1064	933	21.3	29.6	7.1	8.7	267	4.2	4.2	0.2	6.3
850	1491	1559	1430	18	29.7	3.8	4.9	275	5.2	5.2	-0.5	6.7
800	2006	2077	1922	14.2	25.3	1.2	1.7	281	6.8	6.7	-1.3	8.3
750	2544	2618	2436	10.3	24.2	-0.9	-1.9	283	9	8.8	-2.1	10.5
700	3116	3194	2984	6.4	20.6	-2.1	-5.7	285	10.8	10.4	-2.8	12.4
650	3717	3819	3571	2.5	12	-9.3	-10.2	284	12.2	11.8	-2.9	13.7
600	4362	4467	4197	-1.1	8.8	-12.1	-14.7	281	13.4	13.1	-2.6	15
550	5056	5200	4920	-5	7	-16.1	-19.4	277	15	14.9	-1.9	16.8
500	5794	5937	5647	-9.7	-1.3	-21.3	-24.1	274	17.1	17.1	-1.1	19.1
450	6601	6756	6420	-15	-5.1	-26.3	-28.9	270	19.7	19.7	0	22.1
400	7480	7657	7262	-21	-11.3	-33.5	-34.1	268	22.6	22.6	0.9	25.4
350	8454	8663	8230	-27.8	-15.9	-41.9	-41.1	266	25.9	25.8	1.7	29
300	9544	9787	9207	-35.2	-24.7	-48.9	-48.1	264	29.6	29.4	3.1	33.1
250	10790	11052	10402	-43.8	-29.8	-57.5	-57.1	261	32	31.6	5.1	35.5
200	12257	12562	11850	-53.4	-40.9	-70.2	-66.6	259	32.3	31.7	6.4	35.2
175	13104	13433	12702	-58.6	-48.3	-72.9	-63	260	30.3	29.8	5.4	32.8
150	14058	14419	13617	-64.1	-50.9	-79.5		260	26.9	26.5	4.7	28.9
125	15158	15546	14755	-69.6	-57.9	-83.1		260	22.9	22.6	3.8	24.9
100	16471	16904	16030	-74.4	-59.1	-86.1		261	17.5	17.3	2.6	19
80	17767	18229	17297	-74.8	-58.1	-85.9		269	12	12	0.3	13.4
70	18547	19030	18054	-72.3	-54.5	-83.5		271	9.1	9.1	-0.2	11
60	19465	19969	18973	-68.2	-50.5	-79.7		276	6.4	6.4	-0.7	9.2
50	20579	21131	20086	-62.5	-46.1	-78.3		281	4.2	4.1	-0.8	7.9
40	21971	22604	21481	-57.8	-42.6	-72.1		288	3.2	3	-1	7.1
30	23803	24470	23270	-53.3	-40.1	-72.5		281	3.7	3.6	-0.7	8.1
25	24972	25717	24314	-51.1	-38.9	-71.3		282	4.3	4.2	-0.9	8.2
20	26438	27252	25751	-49.1	-36.1	-70.5		268	5.9	5.9	0.2	9.3
15	28325	28970	27545	-47.4	-34.3	-69.1		270	7.1	7.1	0	9.5
10	30987	31604	30109	-44.6	-32.7	-66.1		270	7.8	7.8	0	10.9
7	33438	34005	32450	-41.5	-31.1	-54.9		269	10.9	10.9	0.1	13.2

FREEZING LEVEL

P	Height	H_max	H_min
616	4164	5600	2180

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
96	16795	-76.6

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42809

Station height

6

April

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1005.6	1015	998	25.4	32	16.2	23.3	180	1.4	0	1.4	2
1000	57	131	6	25.5	36.8	16.4	22.8	194	2.1	0.5	2	3.2
950	501	575	400	25.5	35.7	18.2	18.3	224	5.7	4	4.1	7.4
925	745	806	676	25.3	33.7	16.6	15.8	231	6.3	4.9	3.9	7.8
900	982	1044	914	24.5	33.4	15.4	11.9	243	5.8	5.2	2.6	7.6
850	1480	1543	1405	21.5	29.8	12.6	7.5	260	5.5	5.4	1	7.1
800	2001	2071	1909	17.7	27	9.2	3.9	272	5.7	5.7	-0.2	7.3
750	2545	2635	2440	13.4	24.4	3.4	0.6	279	6.7	6.6	-1.1	8.4
700	3124	3215	2994	8.8	19.4	1.2	-2.9	283	8.3	8.1	-1.9	10.3
650	3728	3880	3569	4.1	16	-4.7	-6.5	285	9.7	9.4	-2.5	12.1
600	4377	4507	4189	-0.4	11.6	-8.9	-11.4	285	10.6	10.3	-2.7	13.1
550	5072	5213	4862	-4.4	7	-13.9	-16.9	282	11.3	11.1	-2.3	13.9
500	5812	5985	5592	-8.7	4.4	-18.9	-22.1	276	12.6	12.5	-1.3	15.2
450	6623	6811	6385	-13.8	0.4	-25.5	-27.4	270	14.3	14.3	-0.1	17.2
400	7506	7726	7254	-19.7	-1.7	-31.5	-32.7	267	16.7	16.7	1	20
350	8486	8773	8213	-26.4	-9.1	-40.1	-38.4	264	19.4	19.3	2.1	23.2
300	9582	9949	9281	-34	-16.1	-49.5	-45.7	261	22.6	22.3	3.6	26.8
250	10836	11299	10466	-42.9	-23.1	-57.1	-55.2	258	25.8	25.2	5.4	29.9
200	12306	12913	11868	-52.8	-29.1	-68.9	-64.1	256	26.3	25.5	6.3	30
175	13158	13709	12748	-58.1	-42.1	-72.7	-65.1	256	23.8	23.1	5.6	27.1
150	14115	14733	13678	-63.8	-49.1	-74.1	-70.8	256	20.6	20	5	23.6
125	15214	15617	14802	-69.8	-54.5	-82.3		258	16.8	16.5	3.4	19.3
100	16522	16978	15991	-75.2	-61.1	-86.5		262	10.8	10.7	1.5	13.7
80	17815	18334	17315	-75	-59.7	-88.1		273	6.7	6.7	-0.3	9.3
70	18596	19136	18020	-71.6	-55.5	-83.7		284	3.3	3.2	-0.8	7.5
60	19495	19933	19055	-66.9	-49	-80.3		313	1.8	1.3	-1.2	6.9
50	20639	21151	20086	-61	-45.7	-75.3		27	1.1	-0.5	-1	6.3
40	22034	22533	21456	-56.3	-43.1	-70.1		63	1.1	-1	-0.5	6
30	23896	24421	23233	-51.2	-37.9	-63.1		18	1.3	-0.4	-1.2	6.3
25	25064	25640	24377	-49.6	-36.1	-60.9		45	1	-0.7	-0.7	6.4
20	26536	27194	25798	-47.1	-33.9	-58.5		270	0.4	0.4	0	6.8
15	28426	29224	27626	-45.3	-30.1	-54.9		225	0.8	0.6	0.6	7.2
10	31163	31741	30285	-42	-29.9	-53.1		262	4.9	4.8	0.7	10.2
7	33511	34144	33061	-42	-36.1	-52.5		253	12.3	11.8	3.5	17.7

FREEZING LEVEL

P	Height	H_max	H_min
603	4351	6940	3220

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
96	16823	-77.1

Kolkata

42809

Station height

6

May

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1002.4	1010	986	26.9	32.8	20.4	24.9	173	1.6	-0.2	1.6	2.2
1000	36	89	-9	26.6	36.8	20.4	24.5	180	1.7	0	1.7	2.5
950	473	570	290	26.1	35.2	12	21.8	207	5.9	2.7	5.2	7.8
925	716	780	556	25.7	33.8	15.8	19.9	219	6.3	4	4.9	8.1
900	957	1022	800	24.9	35	15.2	16.7	223	6.3	4.3	4.6	8.1
850	1457	1522	1299	22.7	33	12	12.2	241	5	4.4	2.4	7.4
800	1982	2057	1822	19.4	29.8	8.1	8.4	267	4.3	4.3	0.2	7
750	2531	2628	2360	15.4	26.8	6	4.7	288	5.1	4.8	-1.6	7.7
700	3113	3231	2957	11	21.6	3.2	0.8	298	6.4	5.6	-3	9.1
650	3724	3866	3550	6.4	17	-3.5	-3.1	301	7.6	6.5	-3.9	10.4
600	4377	4544	4228	1.9	14.4	-6.3	-7.5	298	8.1	7.1	-3.8	10.9
550	5080	5218	4931	-2.1	5.6	-10.7	-12.6	294	7.7	7.1	-3.1	10.6
500	5826	5990	5667	-5.9	1.2	-16.5	-17.4	285	7.7	7.4	-2	10.6
450	6649	6824	6470	-10.3	-0.3	-19.9	-22.1	278	8.2	8.1	-1.1	11.3
400	7544	7736	7343	-15.5	-4.1	-24.5	-26.9	270	9.4	9.4	0	12.6
350	8541	8780	8310	-21.8	-8.7	-32.7	-32.8	265	10.8	10.8	1	14.1
300	9658	9942	9307	-29.4	-11.9	-43.3	-40.8	260	12.4	12.2	2.2	15.3
250	10935	11281	10521	-38.9	-17.1	-52.7	-50.5	255	13.5	13.1	3.4	16.2
200	12429	12839	12107	-50.2	-20.7	-62.9	-61.4	250	13.7	12.9	4.7	16.5
175	13288	13797	12932	-56.7	-22.9	-69.9	-57.9	248	12.5	11.6	4.7	15.3
150	14248	14765	13850	-63.8	-27.9	-74.1	-63.4	249	10.5	9.8	3.8	13.6
125	15344	16051	14904	-70.9	-30.9	-81.3		252	6.7	6.4	2.1	10.9
100	16645	17603	16180	-76.4	-35.1	-88.1		246	1.2	1.1	0.5	8.5
80	17937	19125	17472	-75.4	-39.5	-85.3		82	2.7	-2.7	-0.4	7.5
70	18715	19269	18272	-71.5	-56.3	-83.3		72	4.7	-4.5	-1.5	7.8
60	19472	19984	19164	-66.5	-53.5	-84.3		78	6.2	-6.1	-1.3	7.9
50	20755	21366	20235	-60.5	-45.1	-73.3		80	7.1	-7	-1.2	8.6
40	22159	22737	21609	-55.5	-41.4	-70.1		84	8	-8	-0.8	9.2
30	24019	24695	23409	-50.4	-28	-67.5		83	8.5	-8.4	-1	10.1
25	25180	25922	24573	-48.5	-28.7	-62.3		89	8.7	-8.7	-0.1	10.3
20	26651	27522	26093	-46.4	-26.7	-59.1		92	8.1	-8.1	0.3	9.8
15	28548	29621	28095	-44.7	-23.3	-57.7		98	8.4	-8.3	1.2	9.9
10	31274	31726	30794	-41.8	-35.5	-49.9		105	7.8	-7.5	2	9.8
7	33600	34003	33190	-41.7	-35.1	-46.5		135	4.4	-3.1	3.1	9.2

FREEZING LEVEL

P	Height	H_max	H_min
575	4728	6130	3440

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
96	16894	-78.3

Kolkata

42809

Station height

6

June

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	998.5	1007	985	27.4	32	22.6	25.8	171	1.3	-0.2	1.3	2
1000	20	68	-26	27.4	31	23.7	25.8	176	1.5	-0.1	1.5	2
950	440	933	320	26.1	33.2	18.2	23.3	208	5	2.3	4.4	7.6
925	687	754	559	25.4	33.2	16.8	21.8	217	5.9	3.6	4.7	8.4
900	925	996	799	24.2	32	15.6	19.8	221	5.5	3.6	4.2	8.6
850	1424	1497	1294	21.8	32.8	13	16.1	232	4.6	3.6	2.8	8.2
800	1949	2028	1811	19	27.8	10.8	12.8	246	3.5	3.2	1.4	7.7
750	2501	2585	2365	15.6	22.8	8.8	9.5	264	2.9	2.9	0.3	7.8
700	3083	3177	2945	12.1	18.9	5.6	5.7	282	3	2.9	-0.6	8.2
650	3699	3809	3554	8.3	15.4	0.4	1.6	283	2.8	2.7	-0.6	8.6
600	4357	4477	4196	4.6	11.6	-4.3	-2.4	280	2.3	2.3	-0.4	8.2
550	5067	5198	4889	1	8	-9.1	-5.9	264	1.8	1.8	0.2	7.5
500	5824	5956	5641	-2.9	4.6	-11.3	-9.9	233	1.5	1.2	0.9	7
450	6655	6802	6458	-7.2	0	-14.9	-14.8	193	1.3	0.3	1.3	6.8
400	7562	7702	7355	-12.4	-5.7	-23.3	-20.6	168	1.4	-0.3	1.4	6.8
350	8571	8730	8353	-18.7	-10.7	-30.7	-27.5	148	1.9	-1	1.6	7.1
300	9704	9884	9407	-26.5	-19.3	-37.9	-35.5	132	2.7	-2	1.8	7.6
250	10994	11206	10667	-36.6	-25.1	-47.7	-45.3	114	3.6	-3.3	1.5	8.7
200	12499	12756	12127	-49.1	-40.3	-59.9	-57.6	96	5.3	-5.3	0.6	10.2
175	13359	13643	12964	-56.4	-46.1	-67.1	-61.7	86	6.4	-6.4	-0.5	11.2
150	14318	14640	13894	-64.3	-52.5	-75.1	-69	79	8.1	-8	-1.5	12.3
125	15408	15791	14951	-72.5	-60.1	-85		77	10.4	-10.1	-2.3	13.8
100	16698	17156	16205	-77.8	-64.9	-86.7		78	12.5	-12.2	-2.7	15.1
80	17983	18488	17449	-75.8	-53.9	-87.1		82	14.8	-14.6	-2.1	16
70	18764	19278	18204	-71.5	-52.5	-84.5		77	14.8	-14.4	-3.3	16.5
60	19483	19981	19116	-66.8	-50.7	-80.9		82	15.3	-15.1	-2.2	16.3
50	20806	21285	20223	-60.9	-42.4	-75.9		83	14.4	-14.3	-1.8	16
40	22198	22735	21595	-56.1	-41.9	-73.1		84	15.3	-15.2	-1.5	16.7
30	24039	24634	23393	-51.5	-38.8	-68.1		86	17.2	-17.2	-1.2	18.7
25	25213	25820	24510	-49.9	-38.7	-61.7		89	18.7	-18.7	-0.4	19.9
20	26671	27335	25947	-47.6	-36.7	-59.1		90	20.3	-20.3	0	21.7
15	28549	29310	27776	-45.7	-31.1	-56.5		94	21	-21	1.3	21.9
10	31159	32124	30371	-43.5	-36.3	-54.9		94	21.1	-21	1.5	21.5
7	33490	34600	32677	-42.6	-35.9	-49.7		89	24.5	-24.5	-0.5	24.8

FREEZING LEVEL

P	Height	H_max	H_min
538	5249	6770	3710

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
100	16764	-79.5

Kolkata

42809

Station height

6

July

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	998.9	1009	989	27.1	30.4	24.2	25.8	170	1.1	-0.2	1.1	1.9
1000	18	72	-59	26.9	29.8	23.6	25.6	184	1.6	0.1	1.6	2.1
950	439	532	320	25.5	34	19.8	23.6	205	4.3	1.8	3.9	7.2
925	680	753	590	24.6	31.4	19	22.2	209	4.5	2.2	3.9	8
900	924	991	842	23.1	30.8	16	20.7	216	4.6	2.7	3.7	8.1
850	1421	1494	1339	20.5	26.4	13.4	18	218	4.1	2.5	3.2	7.9
800	1944	2022	1855	17.8	23.8	12.2	15	218	3.4	2.1	2.7	7.5
750	2496	2595	2400	15	20.8	9	11.8	218	2.9	1.8	2.3	7.2
700	3077	3166	2981	12.1	18.8	4.4	8.3	216	2.6	1.5	2.1	7
650	3695	3820	3600	8.9	15.8	2.6	4.3	211	2.3	1.2	2	6.8
600	4355	4454	4247	5.4	14	-1.5	0.3	191	2	0.4	2	6.7
550	5069	5220	4958	1.7	11.1	-5.9	-3.6	169	2	-0.4	2	6.6
500	5826	5957	5688	-2.3	7.9	-9.5	-8	143	2.5	-1.5	2	6.7
450	6660	6830	6490	-6.9	2.9	-14.7	-13.3	126	3.1	-2.5	1.8	6.7
400	7567	7740	7402	-12.2	-3.5	-19.9	-19.4	114	4.2	-3.8	1.7	7.2
350	8578	8800	8391	-18.6	-10.3	-27.9	-26.3	105	5.6	-5.4	1.4	8.1
300	9710	9948	9498	-26.6	-18.1	-37.3	-34.7	95	7.7	-7.7	0.7	9.8
250	11000	11290	10749	-36.8	-26.1	-55.4	-44.7	86	10.6	-10.6	-0.8	12.7
200	12504	12861	12199	-49.6	-39.3	-71.3	-57.6	75	14.4	-13.9	-3.6	16.3
175	13366	13754	13021	-56.9	-47.9	-70.1	-62.6	72	16.1	-15.3	-4.9	18.1
150	14319	14751	13935	-65	-54.9	-77.1	-69.8	72	18.4	-17.5	-5.6	20.7
125	15412	15883	14976	-73	-62.9	-86.1		73	20.3	-19.4	-6	22.6
100	16699	17109	16232	-77	-59.1	-86.3		77	22	-21.4	-5.1	24
80	17998	18408	17523	-73	-53.5	-85.7		81	22.1	-21.9	-3.3	23.1
70	18786	19207	18313	-68.2	-49.7	-82.1		79	20.1	-19.7	-3.8	21.5
60	19388	19991	19262	-64.5	-48.1	-77.1		83	20	-19.9	-2.3	20.8
50	20845	21318	20412	-59.5	-43.3	-71.3		81	19.5	-19.3	-3	21.2
40	22245	22808	21778	-55.9	-40.5	-68.7		87	21.2	-21.2	-1.2	22.1
30	24085	24737	23632	-51.8	-38.7	-67.1		87	23.2	-23.2	-1.3	24.4
25	25246	25975	24750	-50.6	-38.9	-66.9		89	24.5	-24.5	-0.5	25
20	26712	27512	26269	-48.8	-36.3	-71.5		90	26.1	-26.1	-0.2	26.7
15	28600	29400	28103	-47.1	-37.1	-66.7		91	28.9	-28.9	0.3	29.3
10	31309	32103	30886	-43.2	-29.9	-61.9		88	26.2	-26.2	-0.7	27.1
7	33726	34068	33403	-40.6	-35.1	-47.1		85	25.1	-25	-2	25.2

FREEZING LEVEL

P	Height	H_max	H_min
529	5383	6830	4070

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
105	16469	-78.6

Kolkata

42809

Station height

6

August

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	999.8	1008	989	27	29.8	24	25.8	143	1	-0.6	0.8	1.8
1000	26	79	6	26.9	29.8	23.8	25.6	163	1.4	-0.4	1.3	1.9
950	450	548	320	25.2	32.8	16.8	23.2	178	2.9	-0.1	2.9	6.6
925	694	769	601	24.1	28.2	17.4	21.8	198	2.8	0.9	2.7	7.1
900	933	1009	841	22.8	28.6	14.8	20.4	188	2.9	0.4	2.9	7.2
850	1430	1507	1338	20.2	25.8	12	17.6	182	2.6	0.1	2.6	7.2
800	1952	2029	1852	17.6	23.2	10.2	14.7	175	2.4	-0.2	2.4	7
750	2502	2600	2396	14.9	21	7.8	11.5	167	2.3	-0.5	2.2	6.8
700	3084	3170	2973	12	18.2	4	8	160	2.3	-0.8	2.2	6.7
650	3700	3820	3589	8.9	15.2	1	4.1	151	2.5	-1.2	2.2	6.6
600	4362	4706	4233	5.5	12.2	-3.1	0.2	144	2.9	-1.7	2.3	6.7
550	5074	5210	4922	1.7	8.4	-3.7	-3.8	134	3.3	-2.4	2.3	6.7
500	5832	5960	5673	-2.5	4.2	-12.7	-8.5	124	3.7	-3.1	2.1	6.8
450	6664	6810	6495	-7.1	-0.7	-13.5	-14	119	4.3	-3.8	2.1	6.9
400	7572	7723	7395	-12.4	-4.3	-19.5	-20.2	110	4.9	-4.6	1.7	7.2
350	8580	8760	8389	-18.9	-10.1	-26.3	-27.4	101	6.2	-6.1	1.2	8.3
300	9712	9921	9501	-26.9	-17.1	-36.8	-35.5	95	7.9	-7.9	0.7	9.7
250	11001	11247	10760	-37.1	-27.3	-46.5	-45.4	88	10.1	-10.1	-0.3	12.1
200	12501	12799	12224	-49.9	-37.9	-60.9	-58	78	13.3	-13	-2.8	15.2
175	13358	13690	13058	-57.3	-47.3	-68.7	-61.6	74	15.1	-14.5	-4.1	17.1
150	14315	14688	13982	-65.2	-56.1	-75.3	-69.4	72	16.9	-16.1	-5.3	19
125	15402	15824	15034	-72.9	-62.1	-85.1		73	18.5	-17.7	-5.3	20.4
100	16692	17162	16288	-76.6	-64.5	-88.1		77	20	-19.5	-4.5	21.7
80	17988	18498	17522	-72	-55.1	-83.9		84	20.3	-20.2	-2.3	20.9
70	18782	19307	18285	-67.5	-51.7	-82.1		81	18.2	-18	-3	19.9
60	19478	19994	19176	-63.9	-49.5	-76.1		84	18.6	-18.5	-2.1	19.2
50	20850	21418	20265	-59.6	-46.9	-71.3		81	17.8	-17.6	-2.7	19.4
40	22252	22863	21639	-56.7	-46.7	-74.1		86	20.7	-20.7	-1.4	21.2
30	24093	24768	23443	-52.4	-41.1	-63.1		85	22.7	-22.6	-1.9	23.8
25	25258	25996	24591	-50.8	-40.5	-61.7		89	23.7	-23.7	-0.3	24.2
20	26734	27502	26027	-48.6	-36.9	-61.1		89	25.2	-25.2	-0.6	26.4
15	28603	29452	27835	-47.4	-39.1	-59.9		90	27.1	-27.1	0	27.7
10	31317	32225	30370	-45.3	-36.1	-59.1		92	24.1	-24.1	0.9	24.5
7	33436	33915	33062	-45.7	-41.1	-51.3		87	28.1	-28	-1.7	28.1

FREEZING LEVEL

P	Height	H_max	H_min
530	5381	6650	3730

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
104	16498	-78.5

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42809

Station height

6

September

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1003.9	1011	995	26.5	29.6	21.4	25.2	144	0.9	-0.5	0.7	1.5
1000	44	105	6	26.4	30.8	18.6	25.1	165	1.1	-0.3	1.1	2.2
950	484	547	345	24.9	29.8	17	22.2	189	2.6	0.4	2.6	6
925	724	783	610	23.7	28.2	16	20.7	189	2.5	0.4	2.5	6.5
900	966	1033	846	22.4	27.2	15	19	196	2.6	0.7	2.5	6.4
850	1462	1529	1336	19.7	25	13.8	15.8	190	2.2	0.4	2.2	6.3
800	1982	2056	1852	16.8	22	11.4	12.5	183	1.9	0.1	1.9	6.1
750	2529	2611	2397	13.9	19.6	0.8	9	183	1.8	0.1	1.8	6
700	3110	3197	2973	10.9	17.2	0.4	5.6	185	2.1	0.2	2.1	6
650	3722	3818	3586	7.7	13.4	-0.1	1.7	185	2.4	0.2	2.4	6
600	4381	4478	4236	4.2	9.6	-1.5	-2.3	184	2.6	0.2	2.6	6.1
550	5088	5220	4932	0.4	6.2	-5.1	-6.1	180	2.4	0	2.4	6
500	5844	5966	5686	-3.9	1.8	-9.5	-10.6	167	2.3	-0.5	2.2	5.8
450	6670	6815	6508	-8.6	-3.1	-14.3	-15.9	151	2.3	-1.1	2	5.7
400	7573	7707	7403	-14	-7.5	-20.9	-22	142	2.3	-1.4	1.8	5.8
350	8574	8723	8385	-20.6	-13.1	-29.1	-29.4	129	2.7	-2.1	1.7	6
300	9698	9863	9486	-28.7	-18.7	-36.7	-37.7	115	3.5	-3.2	1.5	6.8
250	10977	11186	10741	-38.9	-26.1	-48.3	-47.6	100	4.6	-4.5	0.8	8
200	12466	12738	12195	-51.6	-40.9	-60.9	-58.9	86	6	-6	-0.4	9.9
175	13318	13630	13024	-58.8	-48.9	-68.9	-63	81	7.2	-7.1	-1.1	10.8
150	14267	14627	13964	-66.5	-55.5	-76.7	-74.2	79	8.3	-8.1	-1.6	11.4
125	15349	15770	15016	-73.7	-63.1	-83.3		82	9.4	-9.3	-1.3	11.9
100	16638	17104	16306	-76.7	-66.2	-85.5		85	11.3	-11.3	-1	13
80	17934	18429	17583	-71.9	-56.9	-85.3		84	12.4	-12.3	-1.3	13
70	18732	19273	18375	-67.5	-54.7	-80.9		81	11.9	-11.8	-1.8	13.1
60	19434	19993	19294	-63.7	-50.1	-76.1		86	13.1	-13.1	-0.9	13.6
50	20800	21462	20398	-59.4	-45.9	-74.3		81	13.2	-13	-2.1	14.5
40	22194	22686	21744	-56.4	-43.9	-74.1		88	15.4	-15.4	-0.6	15.9
30	24033	24551	23521	-52.6	-39.1	-71.7		88	17.4	-17.4	-0.7	18.9
25	25189	25772	24626	-51.6	-39	-69.5		90	19.3	-19.3	-0.1	20
20	26646	27305	25965	-49.7	-35.9	-66.9		91	21	-21	0.2	22.1
15	28523	29240	27711	-48	-38.9	-65.1		95	22.7	-22.6	2	23.4
10	31195	32029	30201	-45.7	-33.5	-61.9		93	19.1	-19.1	0.9	19.2
7	33407	33925	32987	-44.5	-41.5	-46.3		93	29.2	-29.2	1.4	29.6

FREEZING LEVEL

P	Height	H max	H min
546	5161	6340	3360

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
106	16323	-78.6

Kolkata

42809

Station height

6

October

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1008.6	1015	997	24.4	30.2	18.2	23.1	45	0.3	-0.2	-0.2	1
1000	81	136	6	24.4	30.4	19	22.4	14	0.8	-0.2	-0.8	2.6
950	523	616	395	23.8	31.4	17	18.5	13	0.9	-0.2	-0.9	4.8
925	766	821	665	22.7	30.6	15	17.6	40	0.8	-0.5	-0.6	4.9
900	1002	1061	900	21	28.8	12.2	14.9	14	0.8	-0.2	-0.8	4.9
850	1495	1558	1395	18	25.2	11	11	352	0.7	0.1	-0.7	5.1
800	2011	2078	1914	15	22.2	5.6	7.4	281	0.5	0.5	-0.1	5.2
750	2554	2650	2441	12.1	19.4	-4.7	3.6	240	1.4	1.2	0.7	5.4
700	3130	3217	3002	9.2	15.1	1.4	0.2	234	2.4	1.9	1.4	5.7
650	3739	3843	3625	6.2	13	-0.9	-3.2	235	3.3	2.7	1.9	6.1
600	4393	4511	4255	2.8	10	-4.3	-6.9	241	4.1	3.6	2	6.7
550	5096	5222	4980	-1	7	-7.1	-10.8	248	4.8	4.4	1.8	7.2
500	5847	5993	5688	-5.3	2	-13.3	-15.6	251	5.4	5.1	1.8	7.8
450	6668	6832	6525	-10.2	8.6	-19.5	-20.6	251	6.1	5.8	2	8.6
400	7565	7752	7393	-15.9	-6.9	-25.5	-26.5	250	7.1	6.7	2.4	9.5
350	8557	8767	8355	-22.6	-14.1	-33.7	-33.1	249	8.4	7.8	3	10.7
300	9671	9914	9454	-30.7	-22.7	-42.1	-41	248	9.2	8.6	3.4	11.6
250	10939	11226	10664	-40.7	-30.7	-51.9	-51.3	248	10.5	9.7	3.9	13
200	12419	12757	12069	-52.8	-42.3	-63.9	-63.2	245	10.6	9.6	4.5	13.8
175	13266	13636	12877	-59.7	-48.1	-71.3	-65.6	243	9.9	8.8	4.5	13.6
150	14212	14622	13786	-66.8	-57.9	-78.7		242	8.9	7.8	4.2	12.7
125	15292	15739	14830	-73.9	-61.4	-84.5		237	6.3	5.3	3.4	10.3
100	16574	17068	16095	-77.5	-64.8	-90.1		228	2.4	1.8	1.6	7.2
80	17864	18384	17375	-73.1	-57.1	-88.1		90	1	-1	0	5.8
70	18654	19197	18142	-68.6	-53.3	-83.7		74	2.6	-2.5	-0.7	5.8
60	19504	19970	19040	-64.4	-52	-75.1		80	4.2	-4.1	-0.7	6.2
50	20710	21214	20115	-60.3	-46.3	-71.5		84	5.6	-5.6	-0.6	7.2
40	22116	22664	21449	-56.7	-43.7	-67.9		88	7.4	-7.4	-0.2	8.3
30	23959	24579	23213	-52.9	-41.4	-63.9		88	8.9	-8.9	-0.3	10.1
25	25131	25806	24338	-51.1	-38.9	-61.5		92	10.2	-10.2	0.3	11.2
20	26583	27325	25729	-49.3	-34.5	-60.1		92	10.4	-10.4	0.3	11.5
15	28443	29281	27547	-47.9	-35.1	-58.5		96	11.5	-11.4	1.1	12.5
10	31063	31888	30160	-45.7	-37.5	-56.1		107	10.3	-9.9	3	12
7	33340	33885	32933	-46	-37.3	-54.5		121	11.7	-10.1	6	14.2

FREEZING LEVEL

P	Height	H max	H min
564	4904	6140	3300

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
105	16328	-79.2

Kolkata

42809

Station height

6

November

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1012.1	1019	1000	19.5	26	12.6	17.7	360	0.7	0	-0.7	0.8
1000	110	173	11	20.4	28.4	13.8	16.8	9	2.5	-0.4	-2.5	3.5
950	547	627	448	21.1	28.4	12	12.2	9	3.3	-0.5	-3.3	4.8
925	785	881	722	20	28.2	13.7	11	6	2.9	-0.3	-2.9	4.5
900	1020	1085	910	18.1	28.4	9.2	8.6	360	3.2	0	-3.2	4.8
850	1507	1573	1392	15	25.4	7.6	4.6	342	2.9	0.9	-2.8	5.1
800	2018	2087	1914	12.6	21	3.8	0.5	318	2.8	1.9	-2.1	5.4
750	2557	2640	2443	10.3	17.2	-11.3	-3.1	293	3.4	3.1	-1.3	6.1
700	3128	3210	3026	7.9	15.6	-1.1	-5.8	276	4.6	4.6	-0.5	7.2
650	3735	3841	3600	5	13.6	-5.1	-8.7	269	6.2	6.2	0.1	8.6
600	4385	4488	4282	1.6	9.6	-6.7	-11.9	268	7.8	7.8	0.3	10
550	5085	5232	4973	-2.5	5.8	-11.3	-16.2	268	9.5	9.5	0.4	11.6
500	5830	5971	5714	-7.2	0.7	-15.9	-20.7	267	11.4	11.4	0.6	13.6
450	6644	6801	6497	-12.5	-4.1	-21.1	-26.2	266	13.8	13.8	0.9	16.2
400	7531	7709	7371	-18.4	-11.1	-26.7	-30.7	265	16.6	16.5	1.5	19
350	8516	8709	8317	-25.1	-17.7	-33.5	-37.3	263	19.6	19.5	2.4	22.1
300	9618	9828	9403	-32.9	-23.4	-41.7	-45.1	259	22.6	22.2	4.2	25
250	10876	11121	10637	-42.5	-33.3	-52.3	-55.5	256	25.2	24.5	5.9	27.8
200	12347	12633	12077	-54	-43.1	-65.7	-65.8	252	25.6	24.4	7.7	28.2
175	13191	13505	12899	-60.3	-48.1	-70.3	-62.8	252	23.9	22.7	7.4	26.5
150	14136	14480	13798	-66.9	-55.3	-77.5	-66.1	254	21.5	20.6	6.1	23.5
125	15219	15610	14835	-73	-61.7	-84.5		257	16.8	16.3	3.9	18.6
100	16512	16965	16113	-76.8	-67.3	-88.1		261	11.1	11	1.7	13
80	17800	18289	17398	-74.4	-58.5	-88.1		271	6.5	6.5	-0.1	8.5
70	18588	19106	18157	-70.6	-55.9	-85.5		276	4.6	4.6	-0.5	7.3
60	19487	19964	19071	-65.9	-51.1	-80.7		287	3.4	3.3	-1	6.6
50	20633	21243	20126	-60.7	-45.7	-72.3		281	2.1	2.1	-0.4	6.1
40	22027	22683	21465	-56.9	-45.3	-64.9		270	1	1	0	5.8
30	23875	24557	23236	-52.6	-39.5	-61.1		297	0.2	0.2	-0.1	6.2
25	25041	25754	24373	-50.9	-36.9	-59.7		90	0.5	-0.5	0	6
20	26491	27215	25787	-49.3	-35.3	-59.1		360	0.1	0	-0.1	6.8
15	28380	29125	27876	-48.1	-37.9	-59.5		112	1.1	-1	0.4	7.7
10	31012	31480	30494	-46.1	-33.7	-54.1		94	1.5	-1.5	0.1	7.9
7	33418	33542	33184	-42.3	-41.5	-43.5		1	4	-0.1	-4	7

FREEZING LEVEL

P	Height	H_max	H_min
582	4652	6040	2960

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
103	16372	-78.1

Kolkata

42809

Station height

6

December

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1014.6	1020	1006	14.8	23	9	12.8	360	0.6	0	-0.6	0.7
1000	129	181	61	16.3	22.4	10.2	12.1	9	3.1	-0.5	-3.1	4
950	561	610	480	17.5	25.6	7.4	8	5	3.8	-0.3	-3.8	5
925	793	836	737	16.3	21.6	8.6	6.3	2	3.6	-0.1	-3.6	5.1
900	1026	1083	951	14.7	23.8	7.8	4.2	347	3.7	0.8	-3.6	5.4
850	1508	1565	1428	12.3	21	5	-0.4	327	4	2.2	-3.4	6.2
800	2014	2087	1929	10.8	19.8	3.8	-4.8	308	4.7	3.7	-2.9	7
750	2550	2630	2454	9.2	18.2	-0.9	-7.7	293	6.1	5.6	-2.4	8.5
700	3118	3224	3015	7	17.2	-6.3	-10.1	284	7.8	7.6	-1.9	10.2
650	3723	3840	3600	4	12.6	-5.7	-13.1	279	9.5	9.4	-1.5	11.7
600	4370	4509	4245	0.4	8.8	-8.5	-16.9	276	11.4	11.3	-1.2	13.5
550	5065	5200	4925	-3.9	4.6	-13.1	-20.5	273	13.1	13.1	-0.8	15.4
500	5807	5973	5655	-8.7	-0.3	-18.5	-24.6	272	15.6	15.6	-0.6	18.1
450	6616	6813	6425	-14.1	-5.7	-24.1	-29.5	270	18.3	18.3	0	21
400	7498	7711	7309	-20.1	-11.5	-32.1	-34.7	268	21.5	21.5	0.6	24.2
350	8476	8712	8280	-27	-15.7	-39.3	-40.9	265	24.1	24	1.9	26.8
300	9569	9791	9324	-34.8	-23.3	-48.1	-48.5	264	27	26.8	2.9	29.7
250	10818	11067	10509	-44.1	-33.7	-57.9	-57.5	259	28.5	28	5.3	31.5
200	12279	12562	11890	-54.7	-43.9	-64.7	-66.3	255	28.7	27.7	7.4	31.4
175	13120	13423	12704	-60.4	-50.5	-72.3		254	27.3	26.2	7.5	29.8
150	14068	14423	13613	-66	-54.1	-76.7		255	24.6	23.8	6.4	26.8
125	15159	15522	14672	-71.2	-60.5	-82.1		258	20.8	20.3	4.5	22.6
100	16461	16826	16010	-75.4	-60.9	-86.1		260	15.2	15	2.6	17.1
80	17750	18123	17304	-74.7	-58.1	-85.9		266	10.5	10.5	0.7	12.1
70	18535	18888	18120	-72.2	-55.1	-83.9		271	8.3	8.3	-0.1	10.2
60	19450	19788	19032	-68.3	-45.3	-79.3		276	6.2	6.2	-0.6	8
50	20560	20973	20133	-63.2	-46.5	-78.7		280	4.1	4	-0.7	6.7
40	21940	22385	21482	-58.8	-43.5	-75.5		281	3.3	3.2	-0.6	6.3
30	23773	24305	23255	-54.6	-37.1	-71.1		272	2.9	2.9	-0.1	7
25	24922	25503	24385	-53.1	-37.5	-71.1		273	3.3	3.3	-0.2	7.4
20	26374	26918	25802	-51.1	-37.7	-69.7		268	3.7	3.7	0.1	7.8
15	28228	28839	27571	-49	-34.7	-62.5		274	4.1	4.1	-0.3	8.6
10	30910	31579	30111	-45.6	-34.3	-57.9		261	4.9	4.8	0.8	8.4
7	33294	33849	32507	-40.9	-25.5	-56.3		278	7.2	7.1	-1	15.3

FREEZING LEVEL

P	Height	H_max	H_min
599	4400	5830	2360

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
100	16496	-77.2