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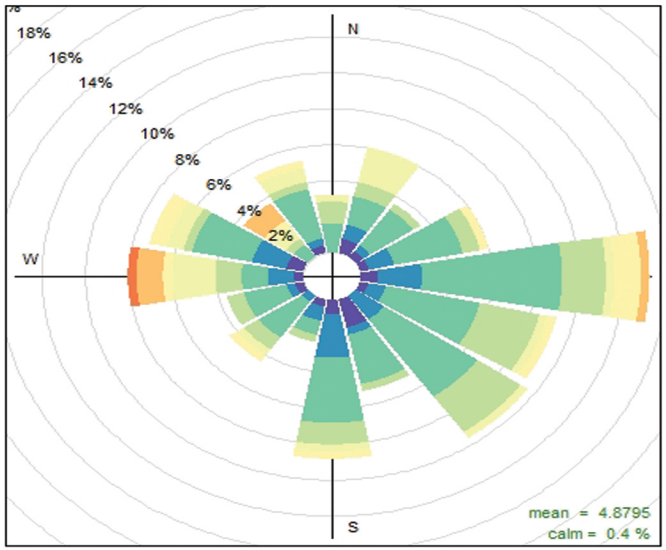
भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

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)



जोधपुर

JODHPUR

सितम्बर २०२०

SEPTEMBER 2020

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जोधपुर
JODHPUR

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 **Jodhpur** (Latitude 26^0 18'N, Longitude 73^0 01'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 — **Dr. D. S. Pai**

September 2020 — Head C R & S

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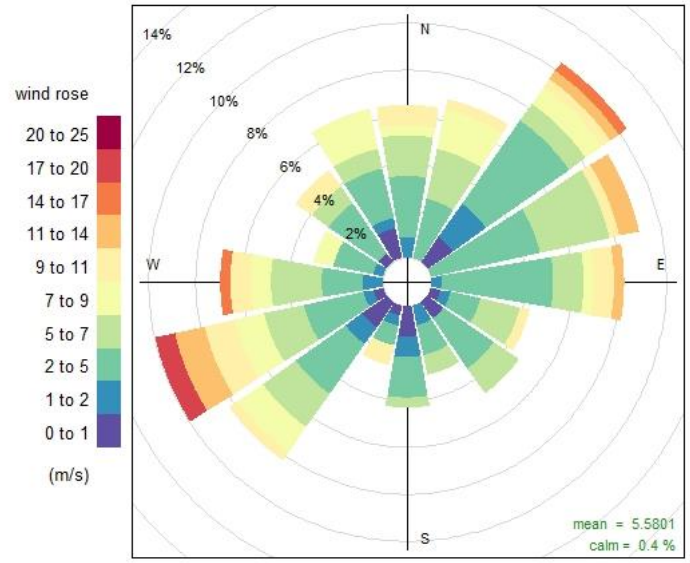
Description of various terms used in the table (Normals of Radiosonde data)

SN.	Terms	Description
1	PRESSURE	Standard Pressure levels in hPa (1000 to 7 hPa)
2	HEIGHT	Mean altitude of isobaric levels in gpm.
3	Hmax	Highest altitude of monthly mean values in gpm.
4	Hmin	Lowest altitude of monthly mean values in gpm.
5	TEMP	Mean dry bulb air temperature in ^{o}C.
6	TMAX	Highest value of temperature in ^{o}C observed at particular isobaric level
7	TMIN	Lowest value of temperature in ^{o}C observed at particular isobaric level
8	DEWPT	Mean dew point temperature in ^{o}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:



Frequency of counts by wind direction (%)

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.

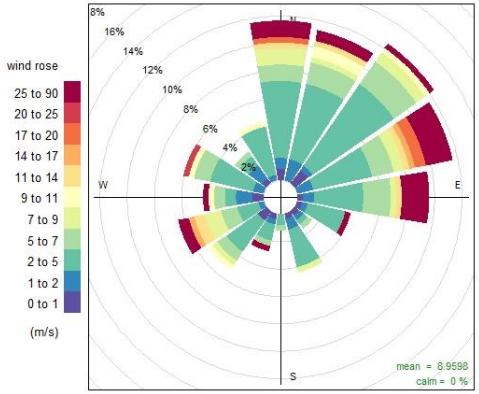
The circular format of the wind rose shows the direction the winds blew from and the length of each "spoke" around the circle shows how often the wind blew from that direction.

Jodhpur January 1000 hPa level

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

Jodhpur January 925 hPa level

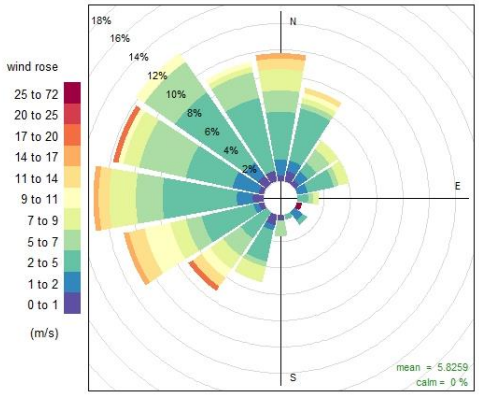
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.8	0.8	5.6	1.2	1.2	0	0.4	0	0.4	0	1.2
12-33		0	1.6	5.6	1.6	0.4	0.8	0.4	0	0	0	0.8
34-56		1.2	0.4	7.2	2	0.8	0.4	0	0	0	0	0.4
57-78		0	1.2	4.4	1.6	0.8	0	0.4	0.4	0.8	0	2
79-101		0.4	0.8	3.6	2	0.4	0	0.4	0	0	0	2
102-123		0.4	0.4	2.8	0	0	0	0	0	0	0	0.4
124-146		0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
147-168		0.4	0.8	2.8	0	0.4	0	0	0	0	0	0
168-191	0	0	0	0.8	0.4	0	0	0	0	0	0	0
192-213		0.4	0.4	1.2	0.4	0	0	0	0	0	0	0.4
214-236		0.8	0	2.8	0.8	0.4	0.4	0	0	0	0	0
237-258		0	0.4	1.6	1.2	1.2	0	0.8	0.4	0	0	0.8
259-281		0.8	1.2	0.8	0.8	0	0.4	0	0	0	0	0.4
282-303		0	0.8	3.2	1.2	0	0.4	0	0	0	0.4	0
304-326		0.4	1.2	0.8	0.4	0	0	0	0	0	0	0
327-348		0	0.4	3.6	0	0	0.4	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur January 850 hPa level

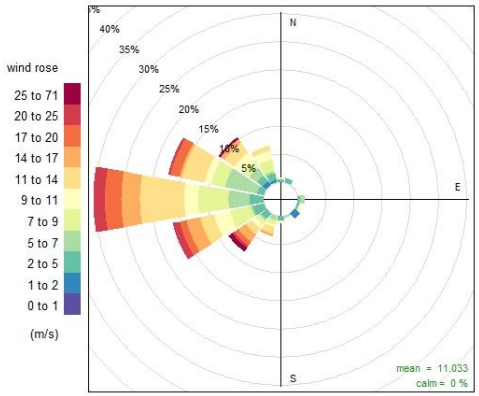
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	1.2	3.6	1.6	1.6	0	0.8	0.4	0	0	0
12-33		0.8	0.8	4	0.4	0.4	0.4	0.4	0	0	0	0
34-56		0.4	0.8	0.8	1.2	0.8	0	0	0	0	0	0
57-78		0	0.8	2	0.4	0.8	0	0	0	0	0	0
79-101		0	0	0.8	0.4	0.4	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0.4
124-146		0	0.8	0.4	0	0	0	0	0	0	0	0
147-168	0	0	0	0.4	0	0	0	0	0	0	0	0
168-191		0.4	0	0	1.2	0	0	0	0	0	0	0
192-213		0.8	0.4	2.4	0.4	1.2	0	0	0	0	0	0
214-236		0	0	2.4	1.6	1.2	0.8	0.8	0	0.4	0	0
237-258		0.4	0.4	4	1.2	1.2	2	1.2	0.4	0	0	0
259-281		0.8	1.2	5.7	2	2	0	0.8	0.4	0	0	0
282-303		0.4	2	3.6	3.6	1.2	0.4	0	0	0.4	0	0
304-326		0.8	1.2	6.5	2.8	0	0.8	0	0	0	0	0
327-348		0.8	0	5.7	2	0.4	0.4	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur January 700 hPa level

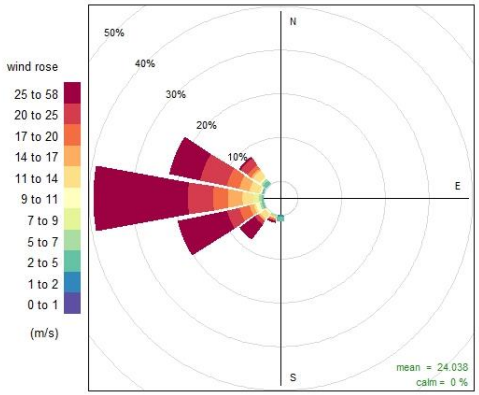
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0	0	0.4	0	0	0	0	0
12-33		0	0	0.8	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.4	0.8	0	0	0	0	0	0	0
102-123		0	0	0.4	0	0	0.4	0	0	0	0	0
124-146		0	1.2	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0.4	0	0	0	0	0	0	0
168-191	0	0	0	0.8	0	0	0.4	0	0	0	0	0
192-213		0	0	0	0.8	0.8	0.4	1.2	0.4	0	0	0
214-236		0	0	1.2	0.4	0.8	0.8	1.2	1.7	0.8	0.4	0.8
237-258		0	0	2.1	0.4	3.7	2.9	2.5	2.5	1.2	1.2	0
259-281		0	0	2.5	3.7	5.4	2.5	7.9	3.3	2.9	2.1	0
282-303		0	0	1.2	5.8	2.5	1.2	4.1	0.4	1.7	0.4	0
304-326		0	0.8	1.2	1.7	1.2	2.1	2.1	0.8	0	0	0.4
327-348		0	0.4	1.2	0.4	2.1	1.7	0.8	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur January 500 hPa level

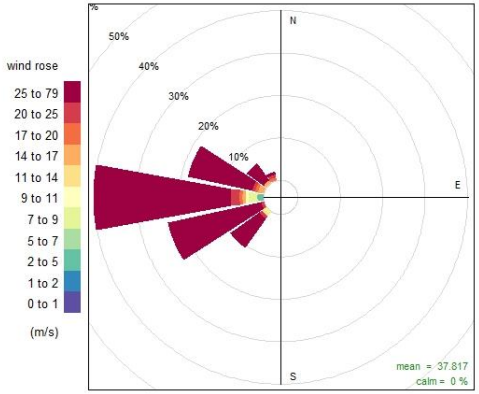
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191		0	0.5	1	0	0	0	0	0	0	0	0
192-213		0	0	0	0.5	0	0	0.5	0	0.5	0	0.5
214-236		0	0	0	0	0	0.5	1.4	0.5	0	1	4.3
237-258		0	0	0.5	0.5	0	1	0.5	1	2.4	2.9	11.5
259-281		0	0	0.5	0.5	1.4	0	2.4	3.4	3.4	5.8	21.6
282-303		0	0	0.5	0	0	0.5	2.4	2.4	2.9	6.2	7.2
304-326		0	0	1	0.5	0	0.5	1.9	0.5	1	1.9	0.5
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur January 300 hPa level

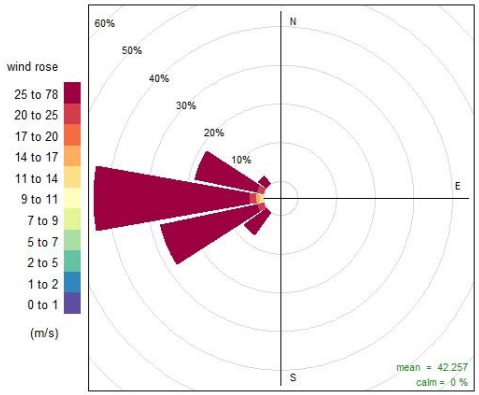
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0.7	0	0.7	0	0	0.7	8.5
237-258		0	0	0	0	0	0	0	0	0	0.7	22.5
259-281		0	0	1.4	0	2.1	0.7	0	0.7	0.7	2.1	32.4
282-303		0	0	0	0	0	0	0	1.4	0.7	0.7	15.5
304-326		0	0	0	0	0	0	0	0.7	0	0	4.9
327-348		0	0	0	0	0	0	0	0	0.7	0.7	0.7



Frequency of counts by wind direction (%)

Jodhpur January 200 hPa level

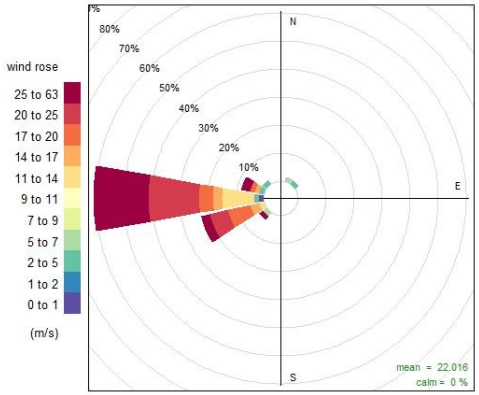
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	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	7.3
237-258		0	0	0	0	0	0	0	0	0	1.8	25.7
259-281		0	0	0	0	0	0	0.9	0.9	0	1.8	40.4
282-303		0	0	0	0	0	0	0	0	0	1.8	16.5
304-326		0	0	0	0	0	0	0	0	0	0	2.8
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur January 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	1.6	0	0	0	0	0	0	0
34-56		0	0	1.6	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	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	1.6	0	0	0	0	0	0	1.6
237-258		0	0	0	0	0	0	1.6	3.3	8.2	6.6	3.3
259-281		1.6	0	1.6	0	0	0	11.5	3.3	4.9	18	19.7
282-303		0	0	1.6	0	0	0	0	1.6	1.6	0	3.3
304-326		0	0	1.6	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



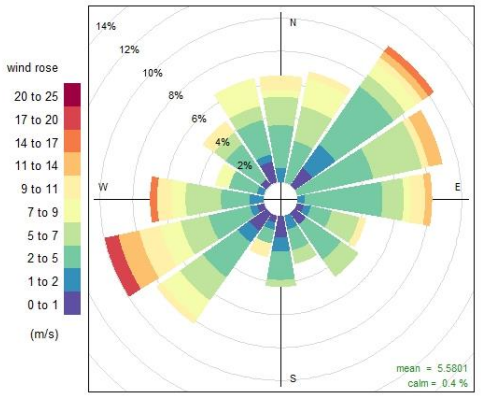
Frequency of counts by wind direction (%)

Jodhpur February 1000 hPa level

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

Jodhpur February 925 hPa level

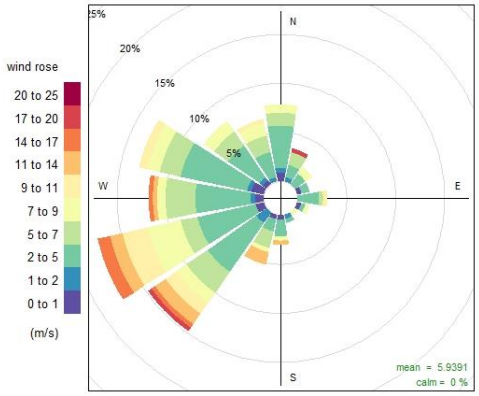
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.9	2.6	1.7	0.4	0.9	0	0	0	0	0
12-33		0	0	2.6	2.2	1.7	0.4	0	0	0	0	0
34-56		1.3	1.7	4.3	0.9	0.9	0.4	0.4	0.4	0	0	0
57-78		0	0	4.8	3	0	0.4	0.9	0	0	0	0
79-101		0	0.4	4.8	1.3	0.4	0.9	0.4	0	0	0	0
102-123		0.4	0.4	1.3	1.7	0	0.4	0	0	0	0	0
124-146		0.9	0	2.6	1.3	0	0	0	0	0	0	0
147-168		0	0.9	1.3	0.9	0	0	0	0	0	0	0
168-191	0	1.3	0.9	1.7	0.4	0	0	0	0	0	0	0
192-213		0.4	0.4	0.9	0	0	0.9	0	0	0	0	0
214-236		1.3	0.9	2.6	1.7	1.3	0.4	0	0	0	0	0
237-258		0.4	0.4	2.6	1.7	1.3	1.3	1.3	0	0.9	0	0
259-281		0	0.9	1.7	2.2	0.9	0.9	0	0.4	0	0	0
282-303		0	0.4	1.7	0	0.9	0	0	0	0	0	0
304-326		0.4	0	2.6	0.9	0	0.9	0	0	0	0	0
327-348		1.3	0.4	2.2	0.9	1.7	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur February 850 hPa level

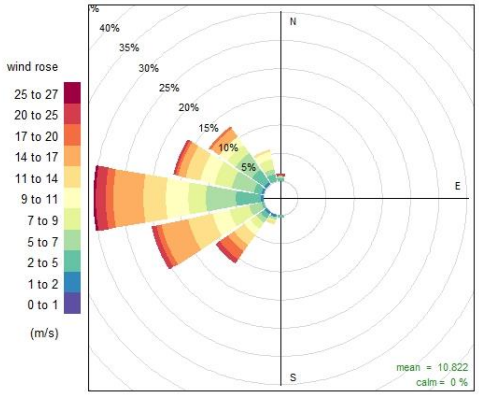
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.9	0.4	4.3	1.3	0.9	0	0	0	0	0	0
12-33		0	0.4	1.3	1.3	0	0	0	0	0.4	0	0
34-56		0	0	1.3	0	0.9	0	0	0	0	0	0
57-78		0.4	0	0.9	0	0	0	0	0	0	0	0
79-101		0	0	2.2	0.4	0	0.4	0	0	0	0	0
102-123		0.4	0	0.4	0	0.4	0	0	0	0	0	0
124-146		0	0	0	0	0.4	0	0	0	0	0	0
147-168	0	0	0.4	0.4	0	0	0	0	0	0	0	0
168-191		0.4	0	1.7	0	0.4	0	0.4	0	0	0	0
192-213		0.4	0	1.3	1.7	0.4	0	1.3	0	0	0	0
214-236		0	1.3	6.1	2.6	1.3	1.3	1.3	0.4	0.4	0	0
237-258		0.9	0	6.1	1.7	3.5	2.6	1.3	1.3	0	0	0
259-281		0.9	0.4	5.7	3	0.9	0	0.4	0.4	0	0	0
282-303		1.3	0.4	7	2.2	1.3	0.9	0	0	0	0	0
304-326		0.4	0.4	3.9	1.7	1.3	0	0	0	0	0	0
327-348		0	0.4	2.6	1.7	1.3	0.4	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur February 700 hPa level

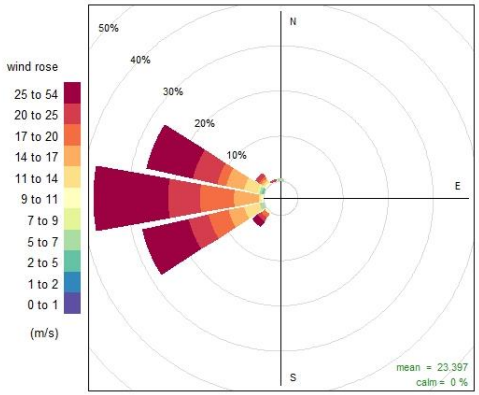
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0.4	0	0	0	0	0	0.4	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0.4	0	0	0	0	0	0	0	0
192-213		0	0.4	0	0.4	0.4	0	0.4	0	0	0	0
214-236		0	0.4	0.9	0.9	1.3	1.3	2.2	1.3	1.8	0.9	0
237-258		0	0	0.4	2.2	3.6	3.1	4.4	4.9	0.9	0.9	0
259-281		0	0.4	4.4	5.3	3.1	4	4	5.3	1.3	1.8	0.4
282-303		0	0.4	1.3	4	3.1	2.7	2.7	1.3	0.4	0.4	0
304-326		0	0.4	2.7	3.6	1.8	1.8	0	1.8	0.4	0	0
327-348		0	0	1.3	0.9	1.8	1.3	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur February 500 hPa level

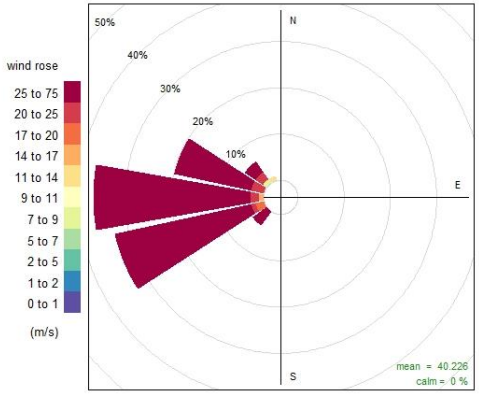
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0.5	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0.5	0	0	1	1	1.5
237-258		0	0	0	1	0	0	3.5	3.5	4.5	4.5	10.6
259-281		0	0	0	0	0	0.5	0.5	5.5	7.5	7	16.6
282-303		0	0	0.5	0.5	0.5	0	3	4	2	5.5	10.6
304-326		0	0	0	0	0	0.5	0.5	0.5	0.5	1	0
327-348		0	0	0	0	0	0	0	0	0	0.5	0



Frequency of counts by wind direction (%)

Jodhpur February 300 hPa level

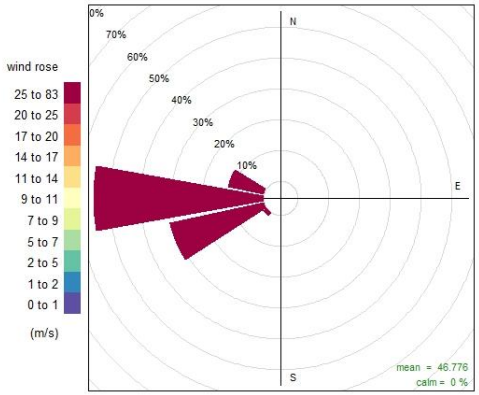
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	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	3.8
237-258		0	0	0	0	0	0	0	0	1.9	0.9	30.2
259-281		0	0	0	0	0	0	0	0.9	0	1.9	34
282-303		0	0	0	0	0	0	0	0	0	2.8	17
304-326		0	0	0	0	0.9	0	0	0	0	1.9	2.8
327-348		0	0	0	0	0	0	0.9	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur February 200 hPa level

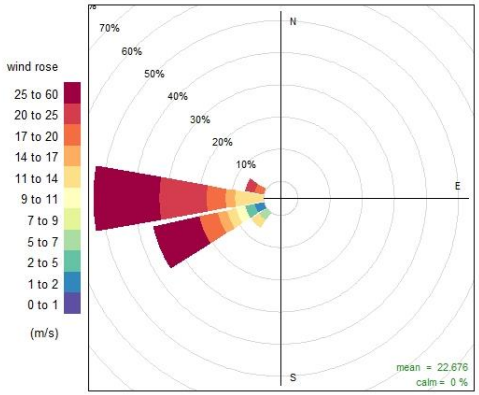
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0	0	1.5
237-258		0	0	0	0	0	0	0	0	0	0	31.3
259-281		0	0	0	0	0	0	0	0	0	0	55.2
282-303		0	0	0	0	0	0	0	0	0	0	11.9
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



Frequency of counts by wind direction (%)

Jodhpur February 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	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	2.9	0	0	2.9	0	0	0	0
237-258		0	2.9	2.9	0	0	2.9	2.9	2.9	5.9	0	14.7
259-281		0	0	0	0	0	0	8.8	2.9	5.9	14.7	20.6
282-303		0	0	0	0	0	0	0	0	2.9	2.9	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



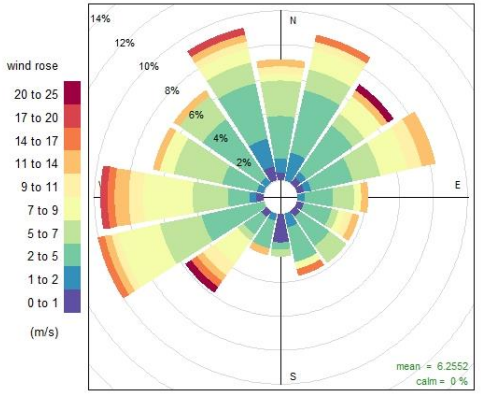
Frequency of counts by wind direction (%)

Jodhpur March 1000 hPa level

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

Jodhpur March 925 hPa level

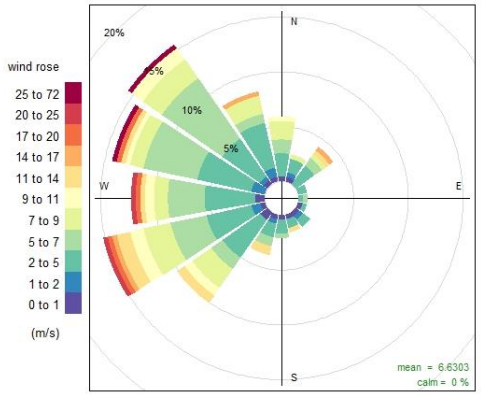
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.8	2.5	2.1	0.4	0.4	0.4	0	0	0	0
12-33		0	1.7	3.8	1.3	1.3	0.4	0	0.4	0	0	0
34-56		0.4	0.4	3.3	0.8	1.3	0	0.4	0	0	0.4	0
57-78		0.4	0.4	2.5	1.7	1.7	0.8	0.8	0	0	0	0
79-101		0	0.4	1.7	1.3	0.4	0	0.4	0	0	0	0
102-123		0.4	0	1.7	0.4	0.4	0.4	0.4	0	0	0	0
124-146		0.4	0	2.1	1.3	0	0	0	0	0	0	0
147-168	0	0	0.8	2.1	0	0.4	0	0	0.4	0	0	0
168-191		1.7	0	0.4	0.4	0	0	0	0	0	0	0
192-213		0	0.4	1.7	0	0	0	0.4	0	0	0	0
214-236		0.4	0	1.3	0.4	1.7	0.8	0.4	0.4	0	0.4	0
237-258		0	0	3.8	2.5	2.5	0.4	0.4	0.4	0	0	0
259-281		0.4	0.4	1.3	2.1	2.9	0.8	0.8	0.4	0.4	0	0
282-303		0	0.4	2.1	2.9	0.8	0	0.4	0	0	0	0
304-326		0	0.4	4.2	1.7	0	0	0.4	0	0	0	0
327-348		0	0.9	0.9	0	0.3	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur March 850 hPa level

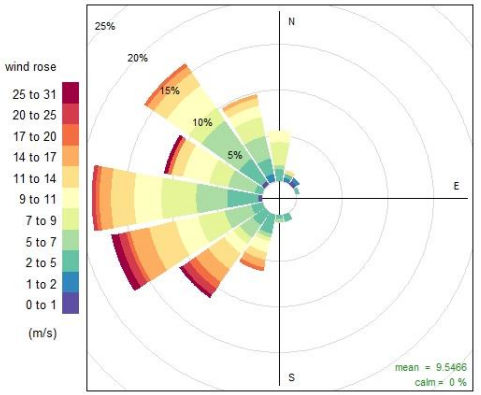
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0	2.1	1.3	1.7	0.4	0	0	0	0	0
12-33		0.4	0.4	1.3	0	0.4	0	0	0	0	0	0
34-56		0	0	2.1	0.8	0.4	0	0.4	0.4	0	0	0
57-78		0	0	0.8	0	0	0	0	0	0	0	0
79-101		0	0	0.4	0.4	0	0	0	0	0	0	0
102-123		0.4	0	0.4	0	0	0	0	0	0	0	0
124-146		0.4	0.4	0.8	0	0	0	0	0	0	0	0
147-168	0	0.4	0	0.8	0	0	0	0.4	0	0	0	0
168-191		0.4	0	1.3	0.4	0	0	0	0	0	0	0
192-213		0.4	0.4	1.3	0.8	0	0	0.8	0	0	0	0
214-236		0.8	0	4.2	1.3	2.1	0.8	0.8	0	0	0	0
237-258		0.4	0.8	4.2	3.4	2.5	1.3	1.3	0.4	0.4	0.4	0
259-281		0.8	0	4.6	3.4	1.3	0.8	0.4	0	0.4	0.4	0
282-303		0	1.3	5	5	1.3	0.4	0.4	0	0.4	0	0.4
304-326		0.4	0.4	4.2	6.7	2.1	1.3	0	0	0	0	0.4
327-348		0.4	0.8	4.2	0.8	1.7	0	0	0.4	0	0	0



Frequency of counts by wind direction (%)

Jodhpur March 700 hPa level

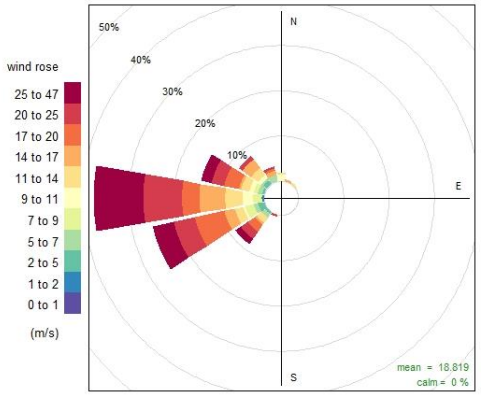
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.3	0.4	2.5	1.3	0	0	0	0	0
12-33		0	0.4	0.4	0	0	0	0.4	0	0	0	0
34-56		0.4	0.4	0	0	0	0	0	0	0	0	0
57-78		0	0	0.4	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0.8	0	0	0	0	0	0	0	0
168-191		0	0	0.4	0.4	0	0	0	0	0	0	0
192-213		0	0	2.1	0.4	0.4	1.3	0.8	0.8	0.4	0	0
214-236		0	0	1.7	1.7	0.8	1.3	2.1	1.7	0.8	0.8	0.4
237-258		0	0	1.3	3	3	2.5	3	2.1	0.4	0.8	0.8
259-281		0.4	0	3.4	3.4	3.8	3	2.5	1.3	0.4	0.4	0
282-303		0	0	0.8	3	2.1	3	1.3	0	0.4	0	0.4
304-326		0.4	0	3	5.1	1.7	3	1.7	0.8	0.4	0	0
327-348		0	0.8	1.7	2.5	2.1	1.3	0.8	0.4	0	0	0



Frequency of counts by wind direction (%)

Jodhpur March 500 hPa level

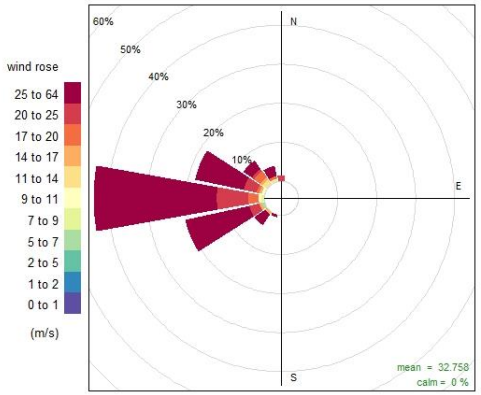
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	1.4	0.5	0	0	0	0
12-33		0	0	0	0	0	0	0	0.5	0	0	0
34-56		0	0	0	0	0	0	0.5	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	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	0.5	0
214-236		0	0	0.5	1	0	0	1.4	0.5	1.9	1.9	1.4
237-258		0	0	1.4	1	1.9	0.5	1.9	2.4	6.7	4.8	4.8
259-281		0	0.5	0	0	1.9	2.4	3.8	5.7	3.8	8.6	11
282-303		0	0	0.5	1	1	1	1.9	0.5	3.3	2.9	2.4
304-326		0	0	1	0.5	0	1	1.9	2.4	0	1	0
327-348		0	0	0	1.4	0	0	0	1	0.5	0.5	0



Frequency of counts by wind direction (%)

Jodhpur March 300 hPa level

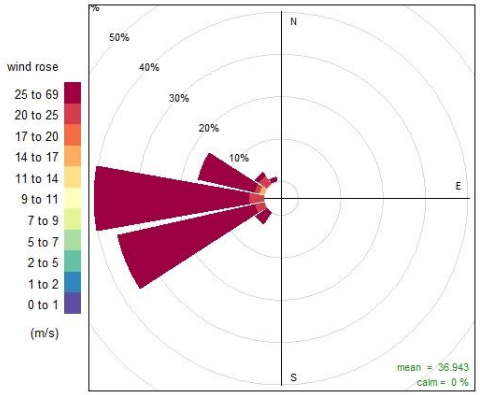
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	1.3	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0.7
214-236		0	0	0	0	0	0	0	0.7	0	0	3.4
237-258		0	0	0	0.7	0	0	0	0.7	0	2.7	16.8
259-281		0	0	0	0	0.7	0.7	0	0	2.7	8.1	31.5
282-303		0	0	0	0	0	0.7	0	0.7	0.7	3.4	12.8
304-326		0	0	0	0	0	0	1.3	0.7	2	0.7	2.7
327-348		0	0	0	0	0.7	0	0	0	0.7	0	2.7



Frequency of counts by wind direction (%)

Jodhpur March 200 hPa level

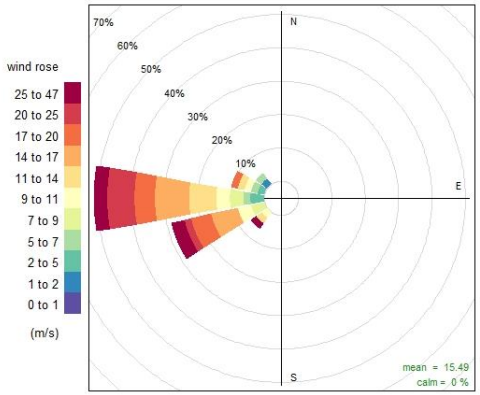
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	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	3.4
237-258		0	0	0	0	0	0	0	0	0	2.3	33.3
259-281		0	0	0	0	0	0	0	0	0	3.4	36.8
282-303		0	0	0	0	0	0	0	1.1	0	1.1	13.8
304-326		0	0	0	0	0	0	0	0	0	2.3	1.1
327-348		0	0	0	0	0	0	0	0	0	0	1.1



Frequency of counts by wind direction (%)

Jodhpur March 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	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	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	2	2	0	0	0	2
237-258		0	0	0	0	4.1	4.1	0	8.2	6.1	2	4.1
259-281		0	0	4.1	2	4.1	4.1	8.2	10.2	6.1	8.2	4.1
282-303		0	0	2	2	0	2	2	0	2	0	0
304-326		0	2	0	2	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



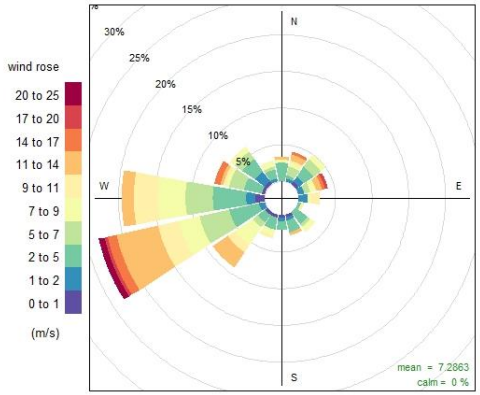
Frequency of counts by wind direction (%)

Jodhpur April 1000 hPa level

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

Jodhpur April 925 hPa level

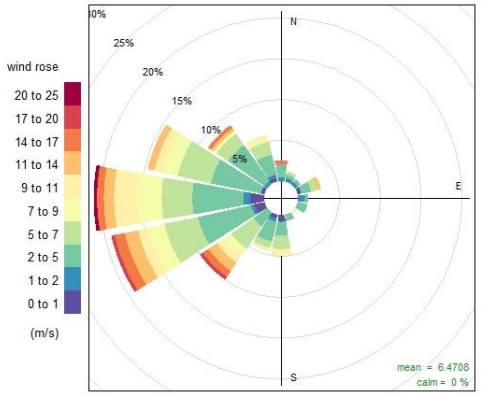
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	2.5	0	0.4	0	0.4	0	0	0	0
12-33		0	0.4	0.4	1.2	0.4	0.4	0.8	0.4	0	0	0
34-56		0.4	0.8	1.7	1.2	0.8	0	0	0	0	0	0
57-78		0	0.8	0	0.8	0.8	0	0.8	0.4	0.4	0	0
79-101		0	1.2	0	0	0.4	1.2	0	0	0	0	0
102-123		0	0	0.4	0	0	0.4	0	0	0	0	0
124-146		0	0	2.1	0.4	0.8	0	0	0	0	0	0
147-168	0	0.4	0.4	1.7	0	0	0	0.4	0	0	0	0
168-191		0.4	0.4	1.2	0	0	0	0	0	0	0	0
192-213		0.4	0	1.7	0	0.8	0.4	0	0	0	0	0
214-236		0.4	0	1.2	0.8	2.9	1.2	2.5	0	0	0	0
237-258		0	0.8	4.1	4.1	2.9	2.9	5.8	1.2	0.4	0.8	0
259-281		1.2	1.2	4.6	3.7	3.7	3.3	1.7	0	0	0	0
282-303		0.4	0	2.5	2.1	0.4	0.4	0.4	0.8	0	0	0
304-326		0.4	1.7	2.1	1.2	0.8	0	0	0	0	0	0
327-348		0	0.4	1.2	0.4	0.8	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur April 850 hPa level

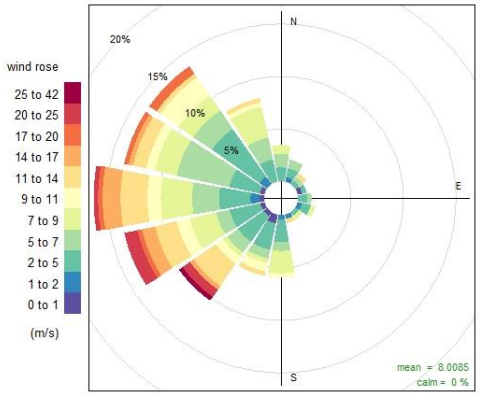
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	1.7	0	0	0	0	0.4	0	0	0
12-33		0	0.4	0.4	0.4	0	0	0	0	0	0	0
34-56		0	0.4	0.4	0	0	0	0	0	0	0	0
57-78		0.4	0	1.2	0.8	0	0	0.4	0	0	0	0
79-101		0	0.8	0.4	0	0	0	0	0	0	0	0
102-123		0	0	1.2	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0.4	0	0	0	0	0
147-168	0	0	0	0.8	0	0	0	0	0	0	0	0
168-191		0.8	0	1.7	1.7	0	0.8	0	0	0	0	0
192-213		0.4	0.4	2.5	0.8	0	0.4	0	0	0	0	0
214-236		0	0	2.1	3.3	1.2	0.8	1.2	0.8	0.4	0	0
237-258		1.2	0.4	6.7	4.2	2.1	1.2	1.7	1.2	0.4	0	0
259-281		1.7	0.8	6.2	3.8	2.9	2.9	1.2	0.8	0	0.4	0
282-303		0.4	0	6.2	4.2	1.7	1.2	0.8	0	0	0	0
304-326		0	0.4	5.4	1.7	0.4	0	0.4	0.4	0	0	0
327-348		0.4	0.4	2.5	1.7	0.4	0.4	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur April 700 hPa level

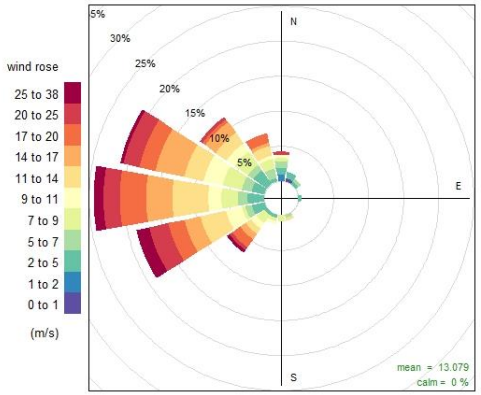
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.3	1.3	0.9	0	0	0	0	0	0
12-33		0	0.4	0.9	0.9	0	0	0	0	0	0	0
34-56		0	0	0.4	0.4	0	0	0.4	0	0	0	0
57-78		0.4	0	0.4	0	0	0	0	0	0	0	0
79-101		0	0	0.9	0.4	0	0	0	0	0	0	0
102-123		0	0.4	0.9	0	0.4	0	0	0	0	0	0
124-146		0	0	0.4	0	0.4	0	0	0	0	0	0
147-168		0	0.4	0	0	0	0	0.4	0	0	0	0
168-191	0	0	0.4	2.1	0.9	2.1	0.4	0	0	0	0	0
192-213		0.9	0	2.6	0.9	0.4	0.9	0.4	0	0	0	0
214-236		0.4	0	3	1.3	0.4	0.9	2.6	0.4	0	0.9	0.4
237-258		0.4	0	3	1.3	2.6	1.3	2.1	1.3	0.4	1.3	0
259-281		0.4	0.9	3	2.6	3	1.3	2.6	1.7	0.4	0.4	0
282-303		0.4	0	3	5.1	2.1	0.9	1.3	0.4	0.4	0	0
304-326		0	0.9	5.6	2.1	1.7	2.1	0.4	0	0.9	0	0
327-348		0	0	2.1	2.1	3	0.4	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur April 500 hPa level

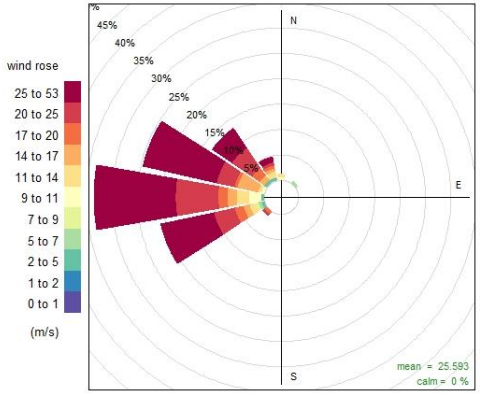
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.9	0.9	0.9	0.5	0.5	0	0	0	0.5	0
12-33		0.5	0	0.9	0	0	0	0	0	0	0	0
34-56		0	0	0.5	0.5	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0.5	0	0	0.5	0	0	0	0
168-191		0	0	0	0	0.9	0	0	0	0	0	0
192-213		0	0	0.5	0	0.5	0.5	0	0	0	0	0
214-236		0	0	0.5	0	1.4	0.9	0.9	0.9	1.4	0.5	0.5
237-258		0	0	1.9	0.9	0.5	2.3	3.7	2.3	2.3	2.8	1.9
259-281		0	0	2.3	1.4	2.3	1.9	5.1	3.7	3.7	2.3	1.4
282-303		0	0	1.9	1.4	2.8	2.8	2.8	4.2	2.3	2.3	0.5
304-326		0	0	2.3	0.9	2.3	1.4	1.9	1.9	0.5	0.5	0
327-348		0	0	0.5	1.4	1.4	0.5	1.4	0.5	1.4	0	0



Frequency of counts by wind direction (%)

Jodhpur April 300 hPa level

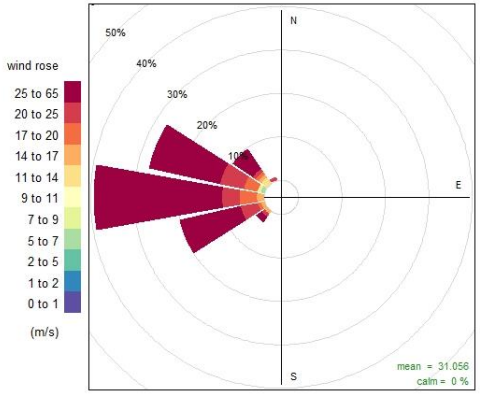
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0.6	0.6	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0.6	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	0	0.6	0.6	0
237-258		0	0	0.6	0.6	0.6	0	1.2	1.2	1.8	4.2	10.8
259-281		0	0	0.6	0	0	2.4	2.4	1.8	1.8	8.4	16.2
282-303		0	0	0	0	0	0.6	0.6	4.2	0.6	3.6	15
304-326		0	0	0.6	0	0	0	0	1.2	1.8	4.8	4.8
327-348		0	0	0.6	0	0	0	1.2	0.6	0.6	0.6	1.2



Frequency of counts by wind direction (%)

Jodhpur April 200 hPa level

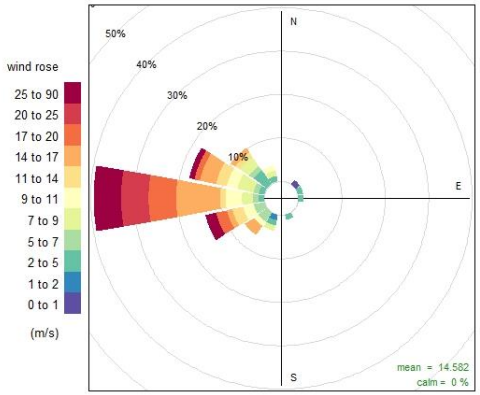
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	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	0.8	0	0.8	1.6
237-258		0	0	0	0	0	0	0	0.8	0.8	4	14.4
259-281		0	0	0	0	0	0	0	1.6	4	4	29.6
282-303		0	0	0	0.8	0.8	0	0	0	3.2	5.6	16.8
304-326		0	0	0	0	0	0	1.6	0.8	0.8	0.8	5.6
327-348		0	0	0	0	0	0	0	0	0	0.8	0



Frequency of counts by wind direction (%)

Jodhpur April 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		1.3	0	0	0	0	0	0	0	0	0	0
57-78		0	0	1.3	0	0	0	0	0	0	0	0
79-101		0	0	1.3	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	1.3	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	1.3	1.3	0	1.3	0	0	0	0	0	0
214-236		0	0	0	2.5	0	1.3	0	2.5	0	0	0
237-258		0	0	0	2.5	0	2.5	2.5	1.3	2.5	0	2.5
259-281		0	0	1.3	1.3	2.5	3.8	1.3	10.1	6.3	6.3	6.3
282-303		0	0	1.3	1.3	3.8	2.5	2.5	3.8	1.3	0	1.3
304-326		0	0	3.8	1.3	2.5	0	1.3	1.3	0	0	0
327-348		0	0	1.3	0	1.3	1.3	0	0	0	0	0



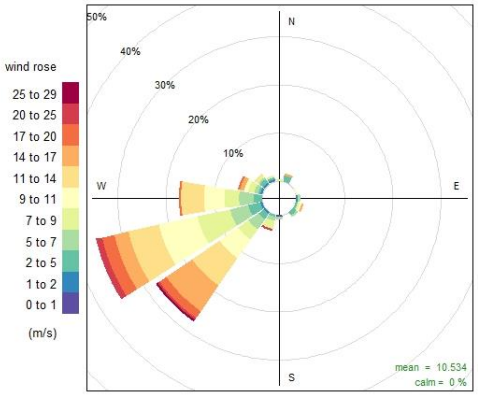
Frequency of counts by wind direction (%)

Jodhpur May 1000 hPa level

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

Jodhpur May 925 hPa level

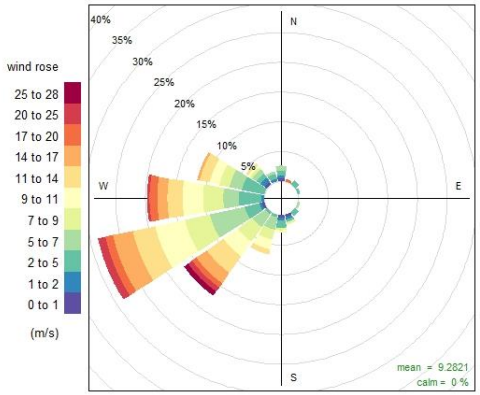
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0.4	0	0	0	0	0	0
12-33		0	0	1.3	0	0	0	0	0.4	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0.4	0	0	0	0	0
79-101		0	0.4	0	0.4	0	0	0	0	0	0	0
102-123		0	0	0.4	0	0.4	0.4	0	0.4	0	0	0
124-146		0	0	0.9	0.4	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0.4	0	0	0.4	0	0	0	0	0	0	0
192-213		0	0	0.4	0.9	1.7	0	0	0	0	0.4	0
214-236		0	0.4	1.3	2.6	2.6	4.7	6.9	6.5	1.7	0.4	0.4
237-258		0	0.4	2.6	3.9	6.9	8.2	6.5	3	2.6	1.3	0
259-281		0	0	1.7	3	3	4.3	4.7	0	0.4	0	0
282-303		0	0.4	0.4	0.9	1.3	0.9	0	0.9	0.4	0	0
304-326		0	0.4	0.9	0.4	0.4	0	0.4	0	0	0	0
327-348		0	0.4	0.4	0	0.4	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur May 850 hPa level

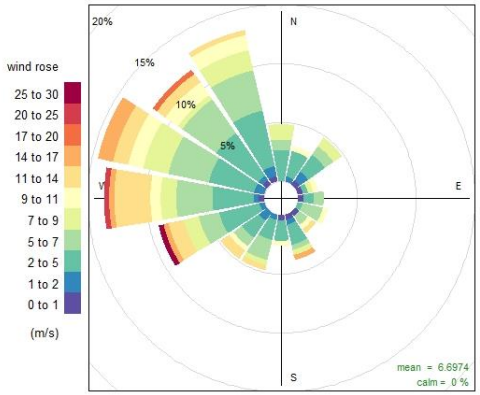
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.4	0.9	0.9	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0.4	0	0
34-56		0	0	0.9	0	0	0	0	0	0	0	0
57-78		0	0	0.4	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0.4	0	0	0	0	0	0	0
124-146		0	0	0.9	0	0	0	0	0	0	0	0
147-168	0	0.4	0.4	0	0	0	0	0	0	0	0	0
168-191		0.4	0.4	1.7	0	0.9	0.4	0	0	0	0	0
192-213		0	0	0.4	2.1	1.7	1.7	0.9	0	0	0	0
214-236		0	0	0.4	2.6	3	3	3.4	2.1	0.9	0.9	0.9
237-258		0.4	0.4	2.6	6	4.3	5.1	3.8	3.4	1.3	1.3	0
259-281		0	0.4	3.8	2.6	3.4	3.4	2.6	1.7	1.3	0.4	0
282-303		0	0	3.8	2.1	1.7	1.7	1.7	0.4	0	0	0
304-326		0.4	0.9	0.9	0.9	0.4	0.4	0.4	0	0	0	0
327-348		0	0.4	0.9	0.4	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur May 700 hPa level

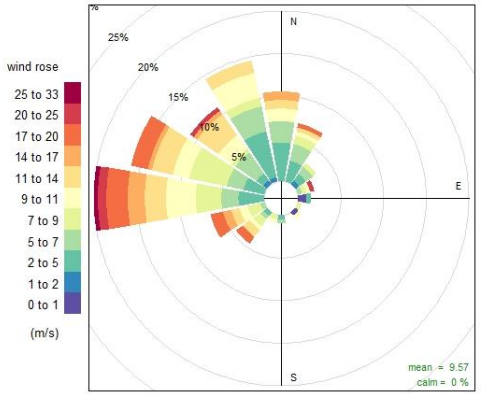
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	2.6	0.9	1.3	0	0	0	0	0	0
12-33		0	0.4	2.2	0	0	0.4	0	0	0	0	0
34-56		0.4	0.9	1.8	0.9	0.9	0	0	0	0	0	0
57-78		0.4	0	0.4	0	0.4	0.4	0	0	0	0	0
79-101		0.4	0	0.9	0.9	0	0	0	0	0	0	0
102-123		0	0	0.4	1.8	0	0.4	0	0	0	0	0
124-146		0.4	0	0	0.9	0	0.4	0.4	0	0	0	0
147-168	0	0.4	0	1.8	0.4	0.4	0	0	0.4	0	0	0
168-191		0.4	0.4	1.8	0	0	0.4	0	0	0	0	0
192-213		0	0.4	1.8	1.8	0.4	0	0.4	0	0	0	0
214-236		0	0.9	1.8	0.9	0	0.4	0.9	0	0	0	0
237-258		0	0.4	3.5	1.8	1.3	0	1.3	0.4	0	0	0.4
259-281		0.4	0.4	3.5	3.1	1.3	0.9	3.1	0.4	0	0.4	0
282-303		0	0.9	3.9	3.5	2.2	1.3	1.3	1.3	0	0	0
304-326		0.4	0.4	4.4	3.5	0.4	1.3	0.9	0	0.4	0	0
327-348		0.4	0.9	4.8	3.5	1.8	1.3	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur May 500 hPa level

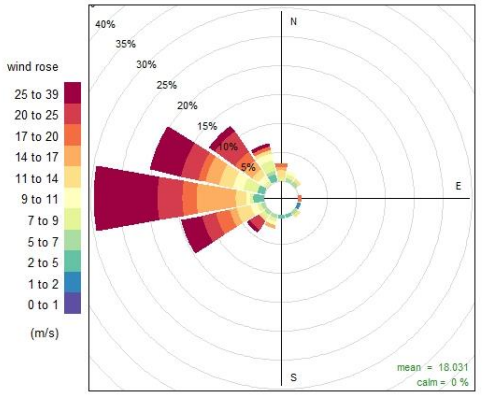
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	4.5	2.5	0	1.5	1	1	0	0	0
12-33		0	0	2.5	2	1	0.5	0.5	0	0.5	0	0
34-56		0	0.5	1	1	0.5	0	0	0	0	0	0
57-78		0	0	0	0.5	0.5	0.5	0	0	0	0.5	0
79-101		1	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0.5	0	0	0	0	0	0
124-146		0.5	0	0	0	0	0.5	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0.5	0.5	0	0	0	0	0	0	0
192-213		0	0	0	0	0.5	0.5	0	0	0	0	0
214-236		0	0	0.5	0.5	1	0.5	1	0	1	0	0
237-258		0	0	0	0.5	1.5	1	1	1	1.5	0	0
259-281		0	0	3	2	3	3.5	2.5	2	2.5	1	0.5
282-303		0	0	2.5	2	4.5	2	2.5	0.5	2	0	0
304-326		0	0.5	1	3	0.5	2	3	0.5	0	0.5	0
327-348		0	0.5	5.5	3	1	3	1.5	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur May 300 hPa level

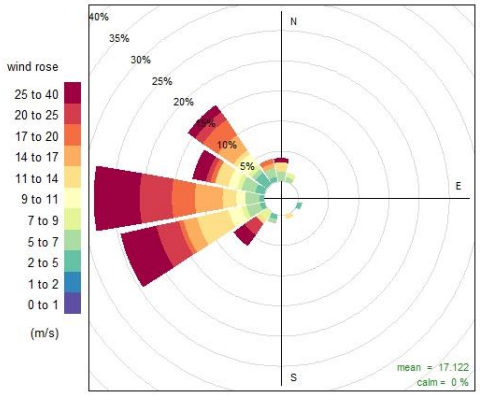
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0.6	0	1.2	0.6	0.6	0	0
12-33		0	0	0	0.6	0.6	0.6	0	0	0	0	0
34-56		0	0	0	0.6	0	0	0.6	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0.6	0	0
102-123		0	0.6	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0.6	0	0	0.6	0	0	0	0
147-168	0	0	0	0.6	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	0.6	0.6	0.6	0	0.6	0	0	0
214-236		0	0	0	0.6	0.6	0	0.6	0	0	1.8	0.6
237-258		0	0	0	0.6	0.6	1.2	2.5	1.2	2.5	2.5	3.7
259-281		0	0	1.8	0	0.6	0.6	1.8	6.7	2.5	4.3	11
282-303		0	0	1.2	0	2.5	1.8	2.5	2.5	1.2	3.1	5.5
304-326		0	0	0	0	0.6	1.2	1.2	1.8	1.8	4.3	1.2
327-348		0	0	1.2	0.6	1.8	1.2	0.6	0	0.6	0	0.6



Frequency of counts by wind direction (%)

Jodhpur May 200 hPa level

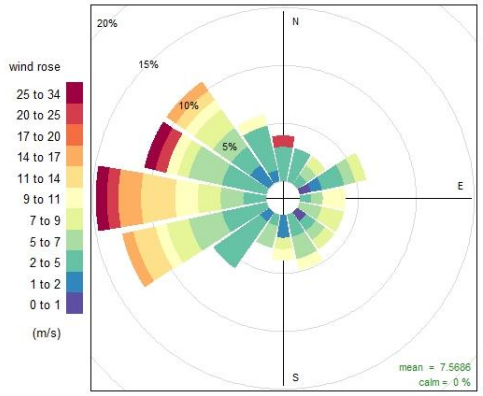
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	1.5	0	0	1.5	0	0	0	0.8
12-33		0	0	0	0.8	0.8	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0.8	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0.8	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0.8	0.8	0	0	0	0	0	0	0
214-236		0	0	0	0	1.5	0	0.8	0	0	2.3	2.3
237-258		0	0	0.8	2.3	0.8	2.3	5.3	2.3	0.8	3.8	6.1
259-281		0	0	0.8	2.3	0	1.5	2.3	4.6	3.8	5.3	7.6
282-303		0	0	1.5	2.3	0.8	1.5	2.3	0	0.8	0.8	2.3
304-326		0	0	2.3	0.8	0.8	2.3	0.8	3.1	3.1	1.5	1.5
327-348		0	0	0.8	1.5	0	0	0	0.8	0.8	0	0



Frequency of counts by wind direction (%)

Jodhpur 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	2.9	0	0	0	0	0	0	1	0
12-33		0	0	2.9	0	0	0	0	0	0	0	0
34-56		0	0	1	1	1	0	0	0	0	0	0
57-78		1	1	2	1	1	0	0	0	0	0	0
79-101		0	0	1	1	0	2	0	0	0	0	0
102-123		0	0	0	2	2	0	0	0	0	0	0
124-146		1	0	1	1	1	0	0	0	0	0	0
147-168		0	0	2	2	0	1	0	0	0	0	0
168-191	0	0	2	0	0	1	1	0	0	0	0	0
192-213		0	0	1	2	0	0	0	0	0	0	0
214-236		0	1	4.9	0	0	0	0	0	0	0	0
237-258		0	0	3.9	2.9	2	1	2	1	0	0	0
259-281		0	0	2	2	2	2	2.9	2	0	1	1
282-303		0	0	3.9	2.9	1	1	0	0	0	1	1
304-326		0	2	2	2	2	1	1	1	0	0	0
327-348		0	1	3.9	0	0	1	0	0	0	0	0



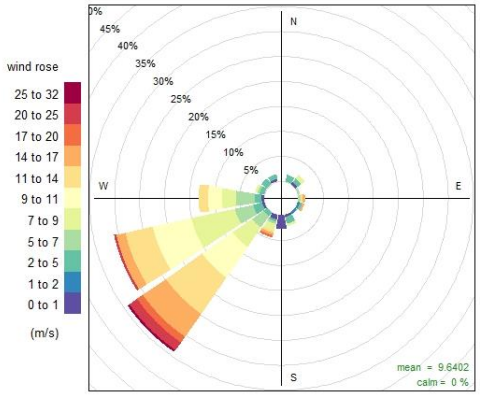
Frequency of counts by wind direction (%)

Jodhpur June 1000 hPa level

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

Jodhpur June 925 hPa level

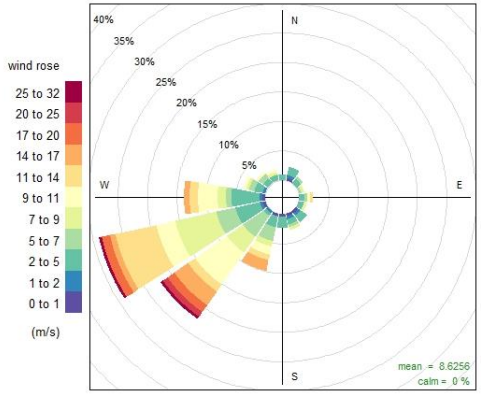
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	1.4	0	0	0	0	0	0	0	0
34-56		0.5	0	0.9	0	0.9	0	0	0	0	0	0
57-78		0	0	0	0.5	0	0	0	0	0	0	0
79-101		0	0	0	0.5	0	0	0.5	0.5	0	0	0
102-123		0	0.5	0.5	0	0	0	0	0.5	0	0	0
124-146		0	0.5	0	0	0	0	0	0	0	0	0
147-168	0	0.5	0	1.4	0	0.5	0	0	0	0	0	0
168-191		2.8	0	0	0	0	0	0	0	0	0	0
192-213		0.9	0	0.5	0.5	1.4	0	0.5	0.5	0.5	0	0
214-236		0	0	0.9	2.8	4.7	7.5	8.9	5.6	1.4	1.9	0.5
237-258		0.5	0	1.9	3.7	8.9	7.9	5.6	1.9	0	0.5	0
259-281		0.5	0	1.4	3.7	2.8	2.8	1.9	0	0	0	0
282-303		0	0	0.9	0.5	0.5	0	0	0	0	0	0
304-326		0	0	1.4	0	0	0	0	0	0	0	0
327-348		0.5	0	0.9	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur June 850 hPa level

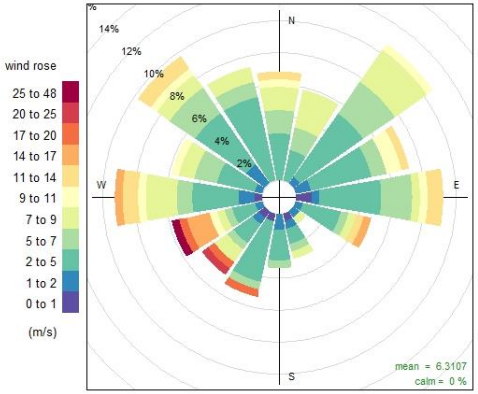
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.9	0	0	0	0	0	0	0	0
12-33		0.5	0.5	1.4	0	0	0	0	0	0	0	0
34-56		0	0	0.9	0.5	0	0	0	0	0	0	0
57-78		0	0	0	0.5	0.5	0	0	0	0	0	0
79-101		0	0	0.9	0.5	0	0.5	0.5	0	0	0	0
102-123		0	0	0.9	0	0.5	0	0	0	0	0	0
124-146		0.5	0.5	1.4	0	0	0	0	0	0	0	0
147-168	0	0.5	0.5	0.5	0.5	0.5	0	0	0	0	0	0
168-191		0.5	0	2.4	0	0	0	0	0	0	0	0
192-213		0.5	0	1.9	2.4	0.9	1.4	0.9	1.9	0	0	0
214-236		0	0.5	0.5	4.3	3.3	6.6	1.4	2.8	1.4	0.9	0.5
237-258		0.5	0.5	4.3	3.3	7.1	3.3	7.1	0.9	1.4	0	0.5
259-281		0.5	0.5	4.7	0.9	1.4	3.3	1.4	0.9	0	0	0
282-303		0	0.5	1.4	0.9	0.5	0.5	0	0	0	0	0
304-326		0	0	0.9	0.9	0	0.5	0	0	0	0	0
327-348		0	0	0.9	0	0.5	0.5	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur June 700 hPa level

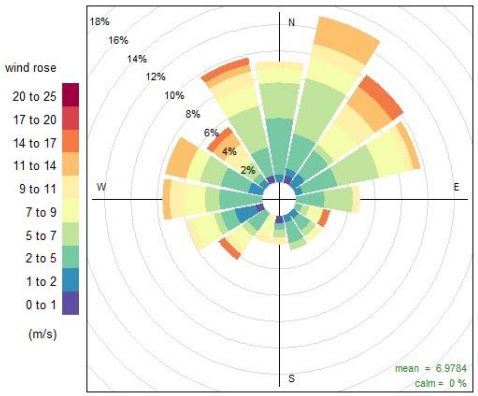
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	2.9	1.5	1.5	0.5	0.5	0	0	0	0
12-33		0	0	1.9	1.5	2.4	0	0	0	0	0	0
34-56		0	0.5	4.9	2.4	2.4	0.5	0	0	0	0	0
57-78		0	1	3.9	1	0	1	0.5	0	0	0	0
79-101		1	0.5	3.9	1.9	0.5	0.5	1	0	0	0	0
102-123		0	0.5	2.4	0.5	0.5	0	0.5	0.5	0	0	0
124-146		0	0.5	0	0	0.5	0	0	0	0	0	0
147-168		0.5	0.5	1	0.5	0.5	0	0	0	0	0	0
168-191	0	0	1	1.9	0.5	0	0	0	0	0	0	0
192-213		0.5	0	3.9	0.5	0	0	0	0	0.5	0	0
214-236		0.5	0.5	1.5	0.5	1	0	0	0	0.5	0.5	0
237-258		0	0.5	1.5	0.5	0.5	0.5	0	1.5	0.5	0	0.5
259-281		0.5	1	2.9	1	1.9	0.5	1	0.5	0	0	0
282-303		0	0.5	2.4	1.5	1	0.5	0	0	0	0	0
304-326		0	1.5	3.9	1.9	1	0.5	1	0	0	0	0
327-348		0	0	5.3	1	1	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur June 500 hPa level

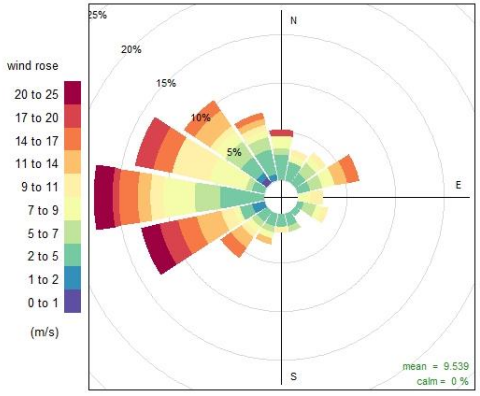
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.5	4.3	2.7	1.1	0.5	0	0	0	0	0
12-33		0.5	0.5	2.7	4.3	1.6	1.1	2.2	0	0	0	0
34-56		0	1.1	2.2	0.5	2.2	1.6	1.6	1.1	0	0	0
57-78		0	0.5	2.7	3.2	2.2	0.5	0.5	0	0	0	0
79-101		0	0	2.2	2.2	0	0.5	0	0	0	0	0
102-123		0	0	0.5	0.5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



Frequency of counts by wind direction (%)

Jodhpur June 300 hPa level

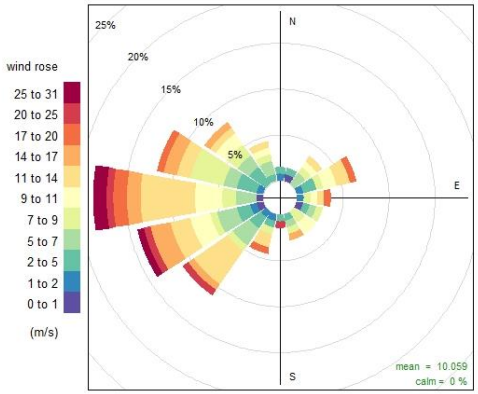
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	2.6	0.6	1.3	0	0	0	0.6	0	0
12-33		0	0	1.9	0	0.6	0.6	0	0	0	0	0
34-56		0	0	1.3	1.3	0.6	0.6	0	0	0	0	0
57-78		0	0	1.3	1.3	1.3	0	1.3	1.3	0	0	0
79-101		0	0	0	0	1.3	1.3	0	0	0	0	0
102-123		0	0	0.6	1.3	0.6	0.6	0	0	0	0	0
124-146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



Frequency of counts by wind direction (%)

Jodhpur June 200 hPa level

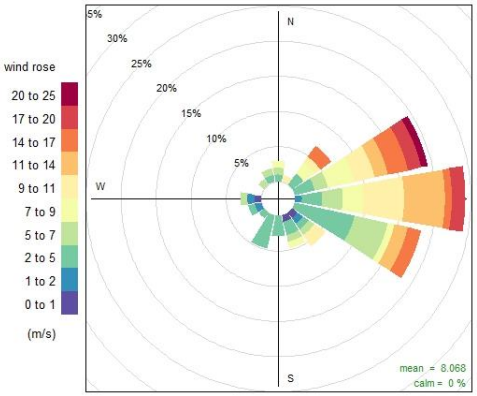
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.7	0.7	0	0	0	0	0	0	0	0
12-33		0.7	0	0.7	0	0	0	0	0	0	0	0
34-56		0	0	0	1.5	0.7	0.7	0.7	0	0	0	0
57-78		0	0.7	1.5	0	0.7	1.5	1.5	0	0.7	0	0
79-101		0	0.7	0	0	0.7	0.7	0.7	0	0.7	0	0
102-123		0.7	0	0.7	0.7	0.7	0	0	0	0	0	0
124-146		0	0	0	0	1.5	1.5	0	0	0	0	0
147-168	0	0	0	0.7	0.7	0.7	0	0	0.7	0	0	0
168-191		0	0	0.7	0	0	0	0	0	0	0.7	0
192-213		0	0.7	0.7	0	0.7	0	1.5	0	0.7	0	0
214-236		0	0.7	1.5	2.2	0.7	0	4.4	0.7	0	0.7	0
237-258		0.7	0.7	1.5	2.2	0.7	2.2	2.2	2.2	0	0.7	0.7
259-281		0.7	0	0	2.2	1.5	3	5.9	1.5	1.5	0.7	1.5
282-303		0	0.7	2.2	1.5	3.7	0	1.5	1.5	0.7	0	0
304-326		0	0	2.2	1.5	1.5	1.5	0.7	0.7	0	0	0
327-348		0	0	0.7	1.5	0.7	0.7	0.7	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur 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	1	1	1	0	0	0	0	0	0
12-33		0	0	0	0	0	1	0	0	0	0	0
34-56		0	0	1.9	0	1.9	1	0	1.9	0	0	0
57-78		0	0	2.9	1.9	3.9	2.9	1.9	2.9	1.9	1	0
79-101		0	1	2.9	2.9	2.9	5.8	5.8	1	1.9	0	0
102-123		0	0	8.7	4.9	1	0	1.9	1.9	0	0	0
124-146		1	1	1	1	0	1.9	0	0	0	0	0
147-168	0	1	0	1.9	1	1	0	0	0	0	0	0
168-191		0	0	2.9	0	0	0	0	0	0	0	0
192-213		0	0	4.9	0	0	0	0	0	0	0	0
214-236		0	0	1	0	0	0	0	0	0	0	0
237-258		0	1	1	0	0	0	0	0	0	0	0
259-281		1	1	0	1	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	1	0	0	0	0	0	0	0
327-348		0	0	1	1	0	0	0	0	0	0	0



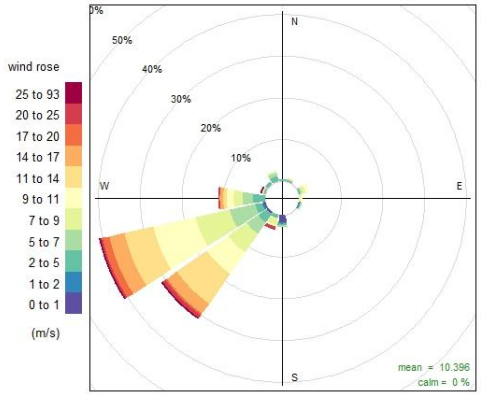
Frequency of counts by wind direction (%)

Jodhpur July 1000 hPa level

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

Jodhpur July 925 hPa level

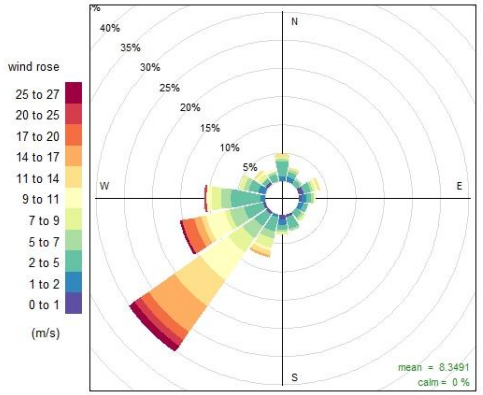
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0	0	0	0	0	0	0	0
12-33		0	0	0.4	0	0	0	0.4	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0.4	0.4	0.8	0.8	0	0	0	0	0
79-101		0	0	0	0	0.4	0.4	0	0	0	0	0
102-123		0	0.4	0	0.4	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	1.7	0.4	0.4	0.4	0	0	0	0	0	0	0
192-213		0	0	0.8	0	1.7	0.4	0	0	0	0.8	0
214-236		0.4	0	2.5	3.3	5.4	6.2	8.8	2.9	0.4	0.8	0.4
237-258		0.4	0.4	1.7	6.2	8.3	10.4	7.1	3.8	1.7	0.4	0.4
259-281		0	0	2.9	2.5	2.1	1.7	0.8	0.8	0	0.4	0
282-303		0	0	0.4	0	0.4	0	0	0	0	0	0.4
304-326		0	0	0.8	0	0	0	0	0	0	0	0
327-348		0	0	1.2	0.8	0.4	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur July 850 hPa level

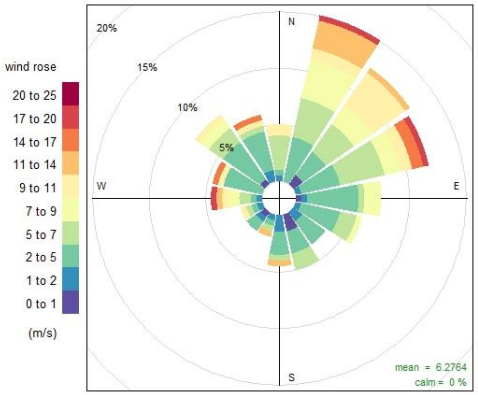
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.9	2.6	0.4	0.4	0	0.4	0	0	0	0
12-33		0	0.9	0.9	0.4	0	0	0.4	0	0	0	0
34-56		0	0	0.9	0.4	0	0	0	0	0	0	0
57-78		0.9	0	1.3	0.4	0.4	0.4	0.4	0	0	0	0
79-101		0.4	0.9	0.9	0.4	0	0.4	0	0	0	0	0
102-123		0	0.9	0.9	0	0	0	0	0	0	0	0
124-146		0	0	1.3	0.4	0.4	0	0	0	0	0	0
147-168	0	0.4	0	2.2	0.4	0	0	0	0	0	0	0
168-191		0.9	0.9	0.9	0.4	0.4	0	0	0	0	0	0
192-213		0	0.4	2.6	1.3	1.7	0.4	0.9	0.4	0	0	0
214-236		0.4	0	2.6	2.6	3	6	5.6	5.6	1.7	1.3	1.3
237-258		0.4	0	3.4	2.6	0.9	3.4	0.9	1.3	2.2	0	0.4
259-281		0	0.9	5.2	1.7	1.7	0.9	0	0	0	0.4	0
282-303		0	1.3	1.7	0.9	0.9	0	0	0	0	0	0
304-326		0.4	0	0.9	0	0.9	0.4	0.4	0	0	0	0
327-348		0	0	1.3	0.4	0	0.4	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur July 700 hPa level

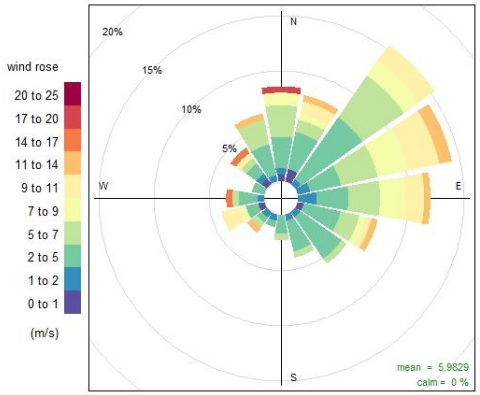
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.5	0.5	3	0	1	0	0	0	0	0
12-33		0	0	4	3.5	3.5	1	2.5	0	0.5	0	0
34-56		1	0	2.5	3	2	3.5	0.5	0	0	0	0
57-78		0	0.5	3.5	4	1.5	1	0	1	0.5	0	0
79-101		0.5	0.5	4.5	0.5	1.5	0	0	0	0	0	0
102-123		0	0.5	3.5	1.5	0.5	0	0	0	0	0	0
124-146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



Frequency of counts by wind direction (%)

Jodhpur July 500 hPa level

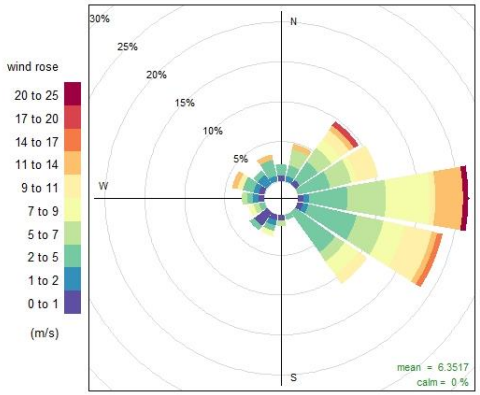
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.6	0.6	2.9	2.9	1.1	0	0	0	0.6	0	0
12-33		1.1	0	3.4	1.1	0.6	1.1	0.6	0	0	0	0
34-56		0	0.6	6.9	4.6	1.7	1.7	0	0	0	0	0
57-78		0	1.1	2.9	3.4	2.9	2.9	1.1	0	0	0	0
79-101		0	1.7	2.9	2.9	2.3	1.7	0.6	0	0	0	0
102-123		0.6	0	3.4	1.7	0.6	0.6	0.6	0	0	0	0
124-146		0	0.6	4.6	0.6	0	0	0	0	0	0	0
147-168		0	0.6	2.9	0.6	0	0	0	0	0	0	0
168-191	0	0	0	1.7	0.6	0	0	0	0	0	0	0
192-213		0	0.6	0.6	0	0	0	0	0	0	0	0
214-236		0	0.6	0.6	0.6	0	0	0.6	0	0	0	0
237-258		0.6	0	1.1	0	0.6	1.7	0	0	0	0	0
259-281		0	0.6	1.7	0.6	0	0	0	0.6	0	0	0
282-303		0	0	1.1	0	0	0	0	0	0	0	0
304-326		0.6	0.6	1.1	0.6	0	0.6	0	0.6	0	0	0
327-348		0	0.6	2.9	2.3	0	0	0.6	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur July 300 hPa level

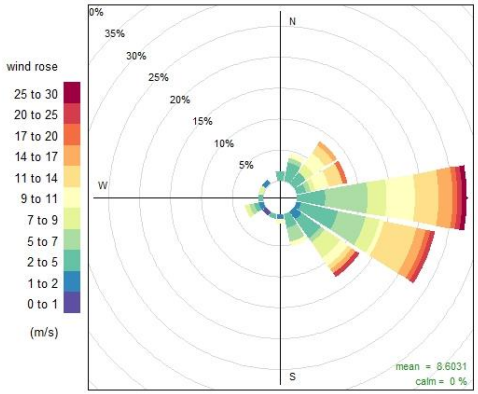
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.7	0	1.4	0	0	0	0	0	0	0	0
12-33		0	0.7	1.4	2.1	0	0	0.7	0	0	0	0
34-56		0.7	0	2.8	2.1	1.4	1.4	0.7	0	0.7	0	0
57-78		0	0	4.1	2.8	0.7	2.8	0	0	0	0	0
79-101		0.7	0.7	4.8	4.8	5.5	0.7	3.4	0	0	0.7	0
102-123		0.7	0.7	6.2	3.4	2.8	3.4	0.7	0.7	0	0	0
124-146		0	0	6.2	1.4	2.1	1.4	0	0	0	0	0
147-168		0	0	0.7	0	0	0	0	0	0	0	0
168-191	0	0.7	0	0	0.7	0	0	0	0	0	0	0
192-213		0.7	0.7	0.7	0	0.7	0	0	0	0	0	0
214-236		2.1	0	0.7	0	0	0	0	0	0	0	0
237-258		0	0	0.7	0.7	0.7	0	0	0	0	0	0
259-281		0.7	0.7	0.7	0.7	0	0	0	0	0	0	0
282-303		0.7	0.7	1.4	0	0	0.7	0.7	0	0	0	0
304-326		0	1.4	0.7	0	0	0	0	0	0	0	0
327-348		0	0.7	2.1	0	0	0	0.7	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur July 200 hPa level

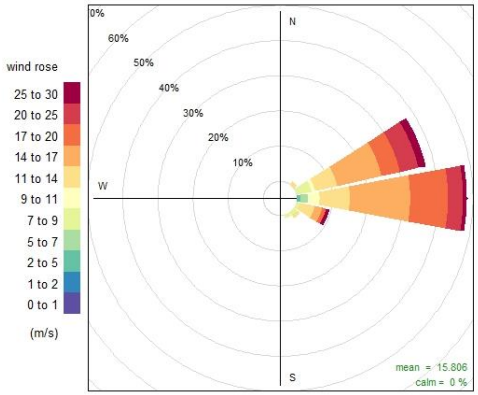
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.5	0	0	0	0	0	0	0	0
12-33		0	0	3.1	0.8	0	0.8	0	0	0	0	0
34-56		0	0	2.3	0	1.5	2.3	1.5	0.8	0	0	0
57-78		0	0	1.5	0.8	0.8	2.3	2.3	0	0.8	0	0
79-101		0	0	4.6	6.9	3.1	4.6	3.8	2.3	0.8	0.8	0.8
102-123		0	0.8	6.1	4.6	2.3	0.8	5.3	1.5	0.8	0.8	0
124-146		0	1.5	3.8	0.8	3.1	1.5	0.8	0.8	0	0.8	0
147-168	0	0	0	2.3	2.3	0	0.8	0	0	0	0	0
168-191		0	0.8	0	0	0	0.8	0	0	0	0	0
192-213		0	0	0.8	0	0	0	0	0	0	0	0
214-236		0.8	0	0	0	0	0	0	0	0	0	0
237-258		0	0.8	0.8	0.8	0.8	0	0	0	0	0	0
259-281		0	0	0.8	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0.8	0	0	0	0	0	0
304-326		0	0.8	0	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur 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	1.1	0	0	0	0
57-78		0	0	0	0	4.3	1.1	6.5	12.9	5.4	5.4	2.2
79-101		0	0	1.1	2.2	0	3.2	8.6	17.2	10.8	4.3	1.1
102-123		0	0	0	0	1.1	0	4.3	2.2	1.1	0	1.1
124-146		0	0	0	0	1.1	0	1.1	0	0	0	0
147-168	0	0	0	0	0	1.1	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



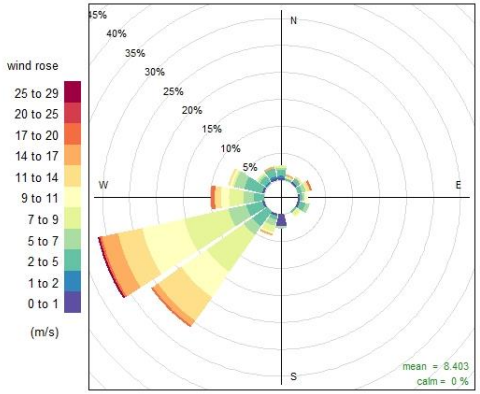
Frequency of counts by wind direction (%)

Jodhpur August 1000 hPa level

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

Jodhpur August 925 hPa level

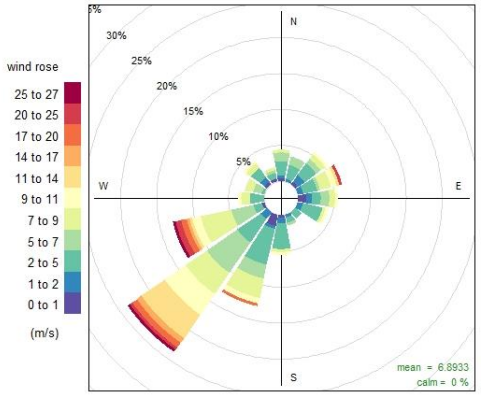
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.4	1.1	0.4	0.4	0	0	0	0	0	0
12-33		0	0	0.4	0	0.4	0	0	0.4	0	0	0
34-56		0.4	0	0.8	0	0	0	0.4	0	0	0	0
57-78		0	0	0.8	0.8	0.4	0	0.4	0	0.4	0	0
79-101		0.4	0	0.4	0.4	0	0.8	0	0	0	0	0
102-123		0.4	0	1.1	0.8	0	0	0	0	0	0	0
124-146		0	0	0.4	0	0.8	0.4	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	2.3	0	0	0.4	0	0	0	0	0	0	0
192-213		0.4	0	0.8	1.1	1.1	0.4	0	0.4	0	0	0
214-236		0	0	3.4	1.9	8.4	5.7	5.3	1.1	0.4	0	0
237-258		0.4	0	3	3.4	8.4	8	4.6	3	0.4	0	0.4
259-281		0	0	1.9	1.9	2.7	1.5	1.1	0	0.8	0	0
282-303		0.4	0	3.4	1.9	0.4	0.4	0.4	0	0	0	0
304-326		0	0.4	1.1	0.4	0.4	0	0	0	0	0	0
327-348		0.4	0.4	1.5	0	0	0	0	0.4	0	0	0



Frequency of counts by wind direction (%)

Jodhpur August 850 hPa level

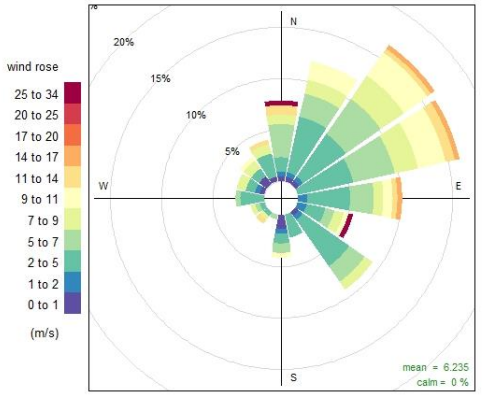
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.4	2	1.2	0.4	0	0	0	0	0	0
12-33		0	0.4	2	1.2	0	0	0	0	0	0	0
34-56		0.4	1.2	2	0.8	0.8	0.4	0	0	0	0	0
57-78		0	0.8	2	0.4	1.6	0.8	0.4	0	0	0.4	0
79-101		1.2	0.8	1.2	1.2	0.8	0.4	0	0	0	0	0
102-123		0	0.8	2.8	0	0.4	0.4	0	0	0	0	0
124-146		0	0	1.2	0	0	0	0	0	0	0	0
147-168		0	0.4	0.4	0.4	0	0	0	0	0	0	0
168-191	0	0.4	0.8	4	0	0.4	0.4	0	0	0	0	0
192-213		1.6	0.4	5.1	2	2.8	0.8	0	0	0.4	0	0
214-236		0	1.2	4	5.1	3.6	3.6	4	0.8	0.8	0.4	0.4
237-258		0.4	0	1.2	3.2	4.3	1.2	0.4	0.4	0.8	0.8	0.4
259-281		0	0	2	0	1.2	0.4	0	0	0	0	0
282-303		0	0	0.4	1.2	1.2	0	0	0	0	0	0
304-326		0.4	0.8	1.6	0	0.8	0.4	0	0	0	0	0
327-348		0.4	0	0.8	0.4	0.4	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur August 700 hPa level

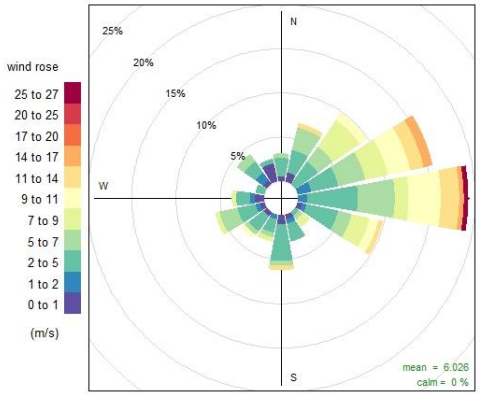
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0.5	1.4	3.2	0.9	0	0.9	0	0	0	0.5
12-33		0.5	0.5	5.5	2.3	1.4	1.8	0	0	0	0	0
34-56		0.5	0.5	5.1	4.1	2.8	2.8	0.5	0.5	0	0	0
57-78		0	0	5.5	4.1	2.3	2.8	0.9	0.5	0	0	0
79-101		0	0.9	4.1	2.3	0.9	0.9	0.5	0.5	0	0	0
102-123		0	0.9	1.8	0.9	0.9	0.5	0	0	0	0	0.5
124-146		0.5	0.5	5.5	1.8	0.9	0	0	0	0	0	0
147-168		0	0	2.3	0	0	0	0	0	0	0	0
168-191	0	1.4	0.5	0.9	0.9	0	0.5	0	0	0	0	0
192-213		0	0	0	0.5	0	0	0	0	0	0	0
214-236		0	0	0.5	0	0.5	0	0.5	0	0	0	0
237-258		0	0	0.5	0.5	0.5	0	0	0	0	0	0
259-281		0	0	2.3	0.5	0	0	0	0	0	0	0
282-303		0.5	0.5	0.9	0	0.9	0	0	0	0	0	0
304-326		0.9	0	0.9	0	0.9	0.5	0	0	0	0	0
327-348		0.5	0	2.3	0	0.9	0	0.5	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur August 500 hPa level

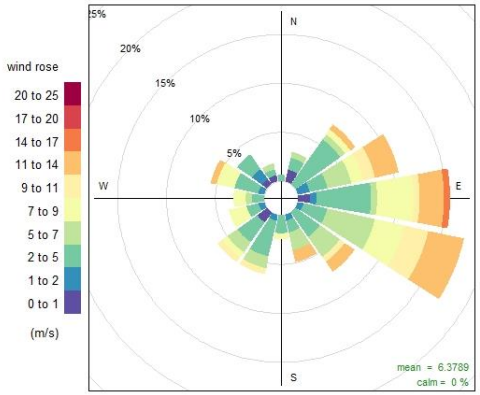
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0	2.1	0.5	0	0	0	0	0	0	0
12-33		1	0	2.6	2.6	0	0	0.5	0	0	0	0
34-56		0	0	3.1	2.1	3.6	1	0	0	0	0	0
57-78		0	1.6	3.1	3.1	2.6	2.6	1.6	1	0	0	0
79-101		0	1	5.7	4.2	1.6	3.6	2.1	0.5	0	0	0.5
102-123		0.5	0.5	3.6	1.6	2.1	1	0.5	0	0	0	0
124-146		0	0	0.5	0.5	1	0	0	0	0	0	0
147-168		0.5	0.5	2.1	0	0	0	0	0	0	0	0
168-191	0	1	0	4.2	0.5	0	0	0.5	0	0	0	0
192-213		0	0.5	1.6	0.5	0.5	0	0	0	0	0	0
214-236		0.5	0	2.1	0.5	0	0.5	0	0	0	0	0
237-258		0.5	0.5	2.1	2.1	0.5	0	0	0	0	0	0
259-281		1	0.5	1.6	0	0.5	0	0	0	0	0	0
282-303		0	0	1	0	0	0	0	0	0	0	0
304-326		0.5	1	1.6	1	0	0	0	0	0	0	0
327-348		2.1	0	0.5	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur August 300 hPa level

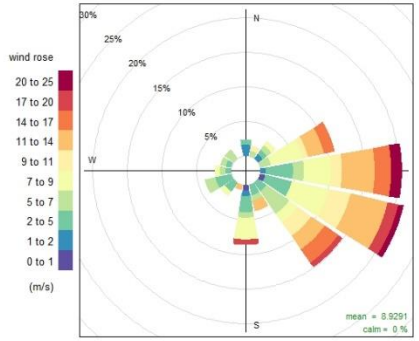
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.6	0	0	0	0	0	0	0	0
12-33		1.2	0	1.2	0.6	0	0	0	0	0	0	0
34-56		0	0	5.6	0.6	0.6	0	0.6	0	0	0	0
57-78		0	1.2	1.9	2.5	1.2	1.2	2.5	0	0	0	0
79-101		1.2	0.6	5.6	0.6	3.7	0.6	2.5	0.6	0	0	0
102-123		0	0.6	2.5	5	3.1	2.5	3.7	0	0	0	0
124-146		0	0	3.1	2.5	0	0.6	1.2	0	0	0	0
147-168		0	0.6	1.2	1.9	0	0	1.2	0	0	0	0
168-191	0	0	0	1.9	0	0.6	0	0	0	0	0	0
192-213		0	0.6	3.7	1.2	0	0.6	0	0	0	0	0
214-236		1.2	0	2.5	1.2	0.6	0.6	0	0	0	0	0
237-258		0	0.6	1.2	0	1.9	0	0	0	0	0	0
259-281		0	0	1.2	0.6	1.2	0	0	0	0	0	0
282-303		0	0.6	2.5	0	1.9	0	0.6	0	0	0	0
304-326		0.6	1.2	1.9	0	0	0	0	0	0	0	0
327-348		0.6	0	0.6	0.6	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur August 200 hPa level

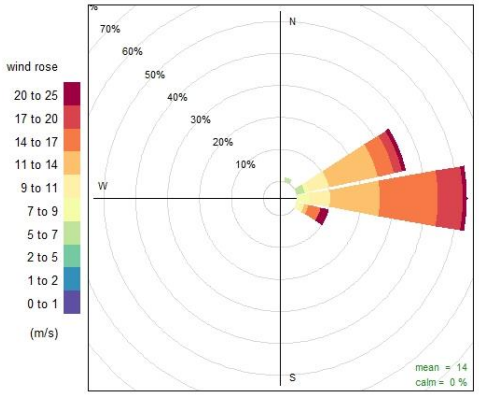
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	1.6	0.8	0	0	0	0	0	0	0	0
12-33		0	0	0	0.8	0	0.8	0	0	0	0	0
34-56		0	0.8	0.8	0.8	0.8	0	0	0	0	0	0
57-78		0	0	0	1.6	4.7	0.8	2.4	1.6	0	0	0
79-101		0	0.8	3.9	1.6	3.9	1.6	4.7	2.4	0	1.6	0
102-123		0.8	0	3.9	0	5.5	3.1	5.5	0	1.6	0.8	0
124-146		0	0	1.6	3.9	1.6	2.4	2.4	2.4	0.8	0	0
147-168		0	0	1.6	0.8	0	0	1.6	0	0	0	0
168-191	0	0.8	0.8	2.4	0.8	3.1	0	0	0	0.8	0	0
192-213		0	0	0	0	0	0	0.8	0	0	0	0
214-236		0	0	1.6	0	0.8	0	0	0	0	0	0
237-258		0	0	2.4	1.6	0	0	0	0	0	0	0
259-281		0	0	0.8	0.8	0.8	0	0	0	0	0	0
282-303		0	0	0.8	0.8	0	0	0	0	0	0	0
304-326		0	0	0	1.6	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur 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	1.3	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	2.6	1.3	6.5	15.6	5.2	2.6	1.3	0
79-101		0	0	0	0	3.9	6.5	15.6	18.2	7.8	1.3	0
102-123		0	0	0	0	1.3	1.3	1.3	3.9	0	2.6	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	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



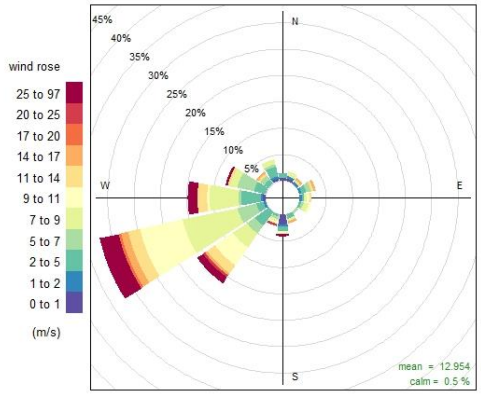
Frequency of counts by wind direction (%)

Jodhpur September 1000 hPa level

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

Jodhpur September 925 hPa level

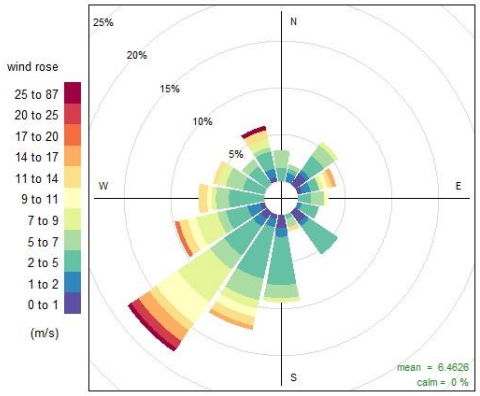
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0	0.9	0	0	0	0	0	0	0	0
12-33		0.5	0.5	0	0	0.9	0	0	0	0	0	0
34-56		0	0.5	0	0	0	0	0.5	0.5	0	0	0
57-78		0	0.5	0.9	0.9	0	0	0.5	0.5	0	0	0
79-101		0	0.5	0.5	0	0.5	0.5	0.5	0	0	0	0
102-123		0	0	0.5	0.5	0.9	0.5	0	0	0	0	0
124-146		0	0	0	0.5	0	0	0	0	0	0	0
147-168		0	0	0.9	0	0.5	0	0	0.5	0	0	0
168-191	0	1.8	0.5	0.9	0	0	0.5	0	0	0	0	0.5
192-213		0	0	0.5	0.5	0.5	0.5	0	0	0	0.5	0
214-236		0	0	3.2	1.8	3.2	4.1	1.8	0.5	0	0.5	1.4
237-258		0	0.5	1.4	3.7	10.6	8.3	2.3	1.4	0.5	0	3.7
259-281		0.5	0.5	3.7	0.5	5.5	0.5	1.8	0	0	0	1.8
282-303		0	0	2.3	3.2	1.4	0	0.5	0	0	0	0.5
304-326		0	0	0.9	0.9	0	0	0.5	0.5	0	0	0
327-348		0.5	0.5	1.8	0.5	0.9	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur September 850 hPa level

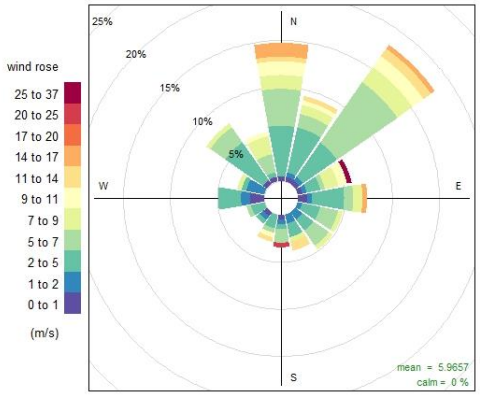
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.4	1.9	0	0	0	0	0	0	0
12-33		0	0.9	0.5	0.5	0	0	0	0	0	0	0
34-56		1.4	0.5	1.9	1.4	0.5	0	0	0	0	0	0
57-78		0.5	0.9	0.9	0	0.5	0.5	0.5	0.5	0	0	0
79-101		0	0	1.4	1.4	0	0.5	0	0	0	0	0
102-123		0	0.5	1.9	0	0	0	0	0	0	0	0
124-146		1.4	0.5	3.7	0	0	0	0	0	0	0	0
147-168	0	0	0	0.5	0.9	0	0	0.5	0	0	0	0
168-191		1.4	0.9	5.1	1.4	0.5	0	0	0	0	0	0
192-213		0.5	0.9	5.6	2.3	0.9	0.9	0.9	0.5	0	0	0
214-236		0.9	0.9	3.7	1.9	4.2	2.8	0.9	1.4	0	0.9	0.5
237-258		0.5	1.4	2.3	0.9	2.3	0.9	0.9	0	0.5	0	0
259-281		0	0	3.7	1.4	0.5	0.5	0.9	0	0	0	0
282-303		0	0	2.3	1.9	0.9	0	0.5	0	0	0	0
304-326		0	0	2.3	0.9	0	0	0	0	0	0	0
327-348		0.5	0.9	1.9	0.5	0.9	0	0.9	0	0	0	0.5



Frequency of counts by wind direction (%)

Jodhpur September 700 hPa level

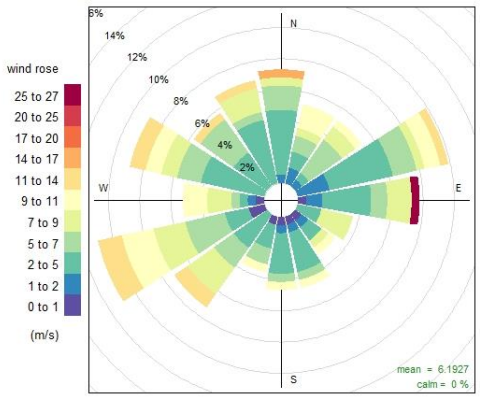
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.5	0	5.4	3.9	1.5	1.5	0.5	1.5	0	0	0
12-33		0.5	0.5	4.9	1.5	1	0.5	0.5	0	0	0	0
34-56		0.5	0.5	4.4	7.8	2	1.5	1	0.5	0	0	0
57-78		0.5	0.5	1.5	0.5	1.5	1	0	0	0	0	0.5
79-101		1	0.5	3.4	1	1	0	0	0.5	0	0	0
102-123		0	0.5	2	2	0.5	0	0	0	0	0	0
124-146		0	1	1.5	2	0.5	0	0	0	0	0	0
147-168	0	0	0.5	1.5	0	0.5	0	1	0	0	0	0
168-191		0.5	1	0.5	1.5	0	0	0	0	0	0.5	0
192-213		0	0	1.5	0.5	0	0.5	0.5	0	0	0	0
214-236		0.5	0.5	0.5	0	0	0	0	0	0	0	0
237-258		0	0	1.5	0.5	0	0	0	0	0	0	0
259-281		1.5	1	2.5	0	0	0	0	0	0	0	0
282-303		0	2	0.5	0	0.5	0	0	0	0	0	0
304-326		0.5	0	4.9	2	0.5	0	0	0	0	0	0
327-348		0.5	0	0.5	2	2	0.5	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur September 500 hPa level

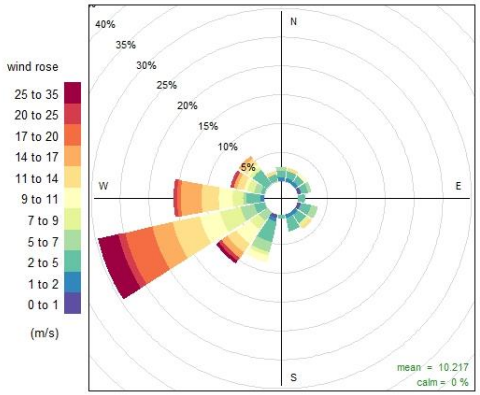
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.5	4.2	1.6	0.5	0	0	0.5	0	0	0
12-33		0	1	1	1	0.5	1.6	0	0	0	0	0
34-56		0	0.5	0.5	2.6	1	0.5	0	0	0	0	0
57-78		0	2.1	4.2	1.6	0.5	1	0.5	0	0	0	0
79-101		0.5	1	3.1	1	1.6	0	0	0	0	0	0.5
102-123		0	0	1.6	0	2.1	0	0	0	0	0	0
124-146		0.5	0.5	1	0	0.5	0.5	0	0	0	0	0
147-168	0	0.5	0.5	2.6	0.5	0	0.5	0	0	0	0	0
168-191		0.5	0.5	2.6	0.5	0	0.5	0	0	0	0	0
192-213		0.5	0	1.6	1	0	0.5	0	0	0	0	0
214-236		0	0	2.6	1.6	2.1	0	1	0	0	0	0
237-258		1	0	1.6	2.6	2.1	2.1	1.6	0	0	0	0
259-281		0.5	0.5	0.5	0.5	1.6	1.6	0	0	0	0	0
282-303		0	0	4.2	1.6	1	1	1	0	0	0	0
304-326		0	0	2.6	2.6	0	0	0.5	0	0	0	0
327-348		0	0	4.2	0.5	1.6	0	0.5	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur September 300 hPa level

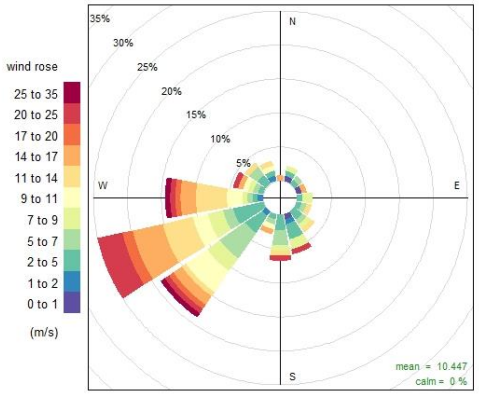
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.6	1.2	0.6	0	0	0	0	0	0	0
12-33		0	0.6	1.2	0	0	0	0.6	0	0	0	0
34-56		0	0.6	1.2	0	0	0.6	0	0	0	0	0
57-78		0.6	0	1.2	0.6	0	0	0	0	0	0	0
79-101		0	0	1.2	0	0	0	0	0	0	0	0
102-123		0.6	0	1.8	1.2	0	0	0	0	0	0	0
124-146		0	0.6	1.8	0	0.6	0	0.6	0	0	0	0
147-168		0	0.6	2.4	0	0	0	0	0	0	0	0
168-191	0	0	0	0.6	0	0	0	0	0	0	0	0
192-213		0.6	0.6	3.6	1.8	0.6	1.2	0	0	0	0	0
214-236		0	0	0	1.8	1.8	3	1.8	1.2	0	0.6	0.6
237-258		0	0	1.8	2.4	3.6	3.6	4.8	3.6	4.8	1.2	3.6
259-281		0	0.6	2.4	0.6	1.8	2.4	3	3.6	0.6	0.6	0
282-303		0	0	0.6	1.2	1.2	0.6	1.2	0.6	0	0.6	0
304-326		0	0	3	0	0.6	0.6	1.2	0.6	0	0	0
327-348		0	0	1.2	0	0	0	0.6	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur September 200 hPa level

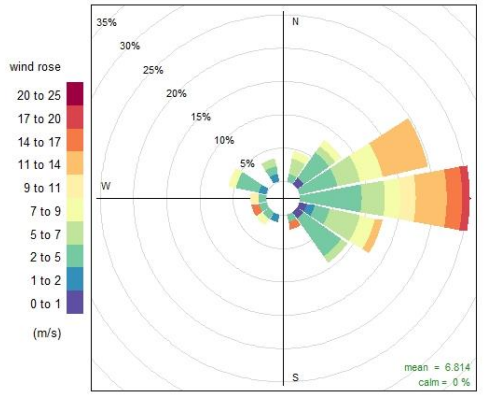
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0.8	0	0	0
12-33		0.8	0	0.8	0	0.8	0	0	0	0	0	0
34-56		0	0	0.8	0.8	0	0	0	0	0	0	0
57-78		0.8	0	0	0	0	0	0	0.8	0	0	0
79-101		0	0	0.8	0	1.5	0	0	0	0	0	0
102-123		0	0	0.8	0.8	0	0	0.8	0	0	0	0
124-146		0	0	1.5	0.8	0.8	0	0.8	0	0	0	0
147-168	0	0.8	0.8	2.3	0	0.8	0	0	0	0	0.8	0
168-191		0	0	2.3	2.3	1.5	0	0.8	0	0	0.8	0
192-213		0	0	0.8	0.8	0	0.8	0	0.8	0	0	0
214-236		0	0.8	3	4.5	2.3	3.8	0.8	1.5	0.8	0.8	0.8
237-258		0	0	4.5	1.5	2.3	2.3	4.5	4.5	1.5	3.8	0
259-281		0	0.8	0.8	0.8	0.8	2.3	4.5	2.3	0.8	0.8	0.8
282-303		0	0	0.8	0.8	0.8	0.8	0	0.8	0	0.8	0
304-326		0	0	1.5	1.5	0	0	0.8	0	0	0	0
327-348		0	0.8	0.8	0	0	0.8	0.8	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur September 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	1.2	2.3	1.2	0	0	0	0	0	0
34-56		1.2	0	4.7	1.2	1.2	0	0	0	0	0	0
57-78		0	0	5.8	3.5	3.5	0	7	0	0	0	0
79-101		0	0	9.3	3.5	2.3	2.3	4.7	2.3	1.2	0	0
102-123		1.2	1.2	2.3	4.7	2.3	0	1.2	0	0	0	0
124-146		1.2	0	7	1.2	0	0	0	0	0	0	0
147-168	0	0	0	1.2	0	0	0	0	1.2	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	1.2	0	0	0	0	0	0	0	0	0
214-236		0	0	1.2	0	1.2	0	0	0	0	0	0
237-258		0	0	1.2	0	0	0	0	1.2	0	0	0
259-281		0	0	1.2	0	0	1.2	0	0	0	0	0
282-303		0	1.2	3.5	0	1.2	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	1.2	1.2	1.2	0	0	0	0	0	0	0



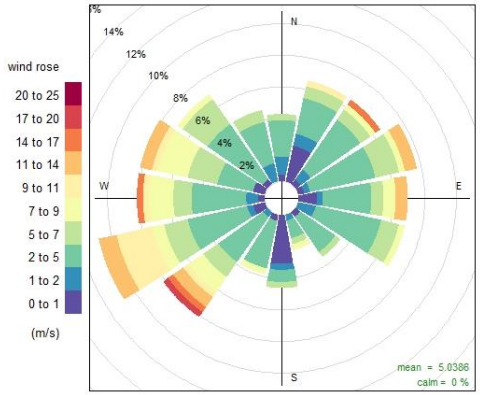
Frequency of counts by wind direction (%)

Jodhpur October 1000 hPa level

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

Jodhpur October 925 hPa level

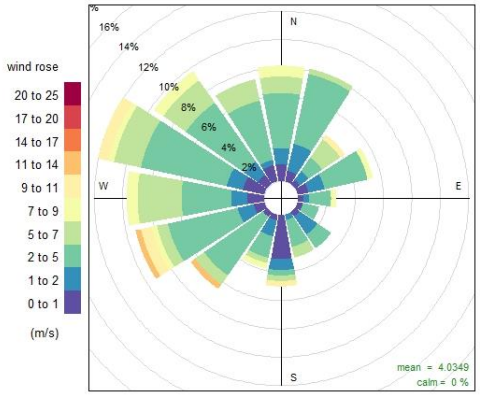
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	1.2	2.3	0.4	0	0	0	0	0	0	0
12-33		2.3	0.8	2.3	0.8	0	0.4	0	0	0	0	0
34-56		0.4	0.8	3.9	0.8	0.4	0	0	0.4	0	0	0
57-78		0.4	0.4	4.2	1.5	0.4	0	0.8	0	0	0	0
79-101		1.2	0.4	3.1	0.8	0.8	0	0.8	0	0	0	0
102-123		0	1.2	4.2	1.2	0.4	0	0	0	0	0	0
124-146		0.4	0	2.7	0.4	0	0	0	0	0	0	0
147-168		0	0.4	1.2	0.4	0.4	0	0	0	0	0	0
168-191	0	3.1	0.4	0.8	0.4	0	0	0	0	0	0	0
192-213		0.4	0	3.1	0	0.4	0	0	0	0	0	0
214-236		0	0.4	3.5	1.2	1.2	0.4	0.8	0.4	0.4	0	0
237-258		0.8	0.4	3.9	1.5	0.8	2.3	1.2	0	0	0	0
259-281		0.4	0.8	3.5	1.2	1.5	0.4	0	0.4	0	0	0
282-303		0.8	0	2.3	1.9	1.9	0.4	0.8	0	0	0	0
304-326		0.4	0	4.2	1.9	0.4	0	0	0	0	0	0
327-348		0	1.2	2.7	0.8	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur October 850 hPa level

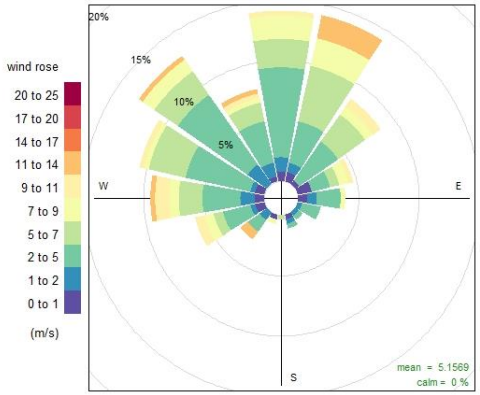
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		1.2	1.2	3.9	1.2	0.8	0	0	0	0	0	0
12-33		0.8	1.9	5	0.4	0	0	0	0	0	0	0
34-56		0.4	0.8	1.2	1.6	0	0.4	0	0	0	0	0
57-78		0.8	1.2	3.1	0	0.4	0	0	0	0	0	0
79-101		0.4	0.4	1.6	0	0.4	0	0	0	0	0	0
102-123		0.4	0	1.2	0	0	0	0	0	0	0	0
124-146		0.4	1.6	1.2	0	0	0	0	0	0	0	0
147-168	0	0	0.4	1.9	0.8	0	0	0	0	0	0	0
168-191		3.1	0.8	0.4	0.4	0	0.4	0	0	0	0	0
192-213		0.4	1.2	1.6	0.4	0.4	0	0	0	0	0	0
214-236		0.4	0	5	0.8	0	0	0.4	0	0	0	0
237-258		0.8	1.2	5	0.8	0.4	0.8	0.4	0	0	0	0
259-281		1.2	1.2	3.5	3.1	0.8	0	0	0	0	0	0
282-303		1.6	1.2	6.2	1.9	0.4	0.8	0	0	0	0	0
304-326		0.8	1.2	5	1.9	0.8	0	0	0	0	0	0
327-348		1.2	0.4	4.3	1.6	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur October 700 hPa level

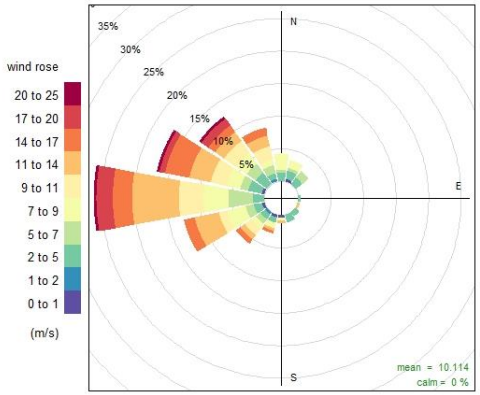
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.8	1.2	7.5	2.4	2	0.4	0	0	0	0	0
12-33		0.8	0.8	3.5	4.7	2.4	0	2	0	0	0	0
34-56		0.4	0	3.9	2.7	0.8	0.8	0	0	0	0	0
57-78		1.2	0	1.6	0.8	0.8	0.4	0	0	0	0	0
79-101		0.8	0.8	2	0	0.4	0	0	0	0	0	0
102-123		0	0.4	1.6	0	0	0	0	0	0	0	0
124-146		0	0.4	0.4	0	0	0	0	0	0	0	0
147-168	0	0.4	0.4	0.4	0	0	0	0	0	0	0	0
168-191		0	0	0	0.4	0	0	0	0	0	0	0
192-213		0.4	0	0	0	0.4	0	0	0	0	0	0
214-236		0	0.8	1.2	0	0	0	0.8	0	0	0	0
237-258		0.8	0.4	2.4	0.8	0.8	0.8	0	0	0	0	0
259-281		0.8	1.2	3.1	2	0.8	1.2	0.4	0	0	0	0
282-303		0.8	0.4	5.5	3.1	0.4	0.4	0	0	0	0	0
304-326		0	2	7.1	2.4	1.2	0	0.4	0	0	0	0
327-348		0.4	1.2	3.5	1.6	0.4	0.4	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur October 500 hPa level

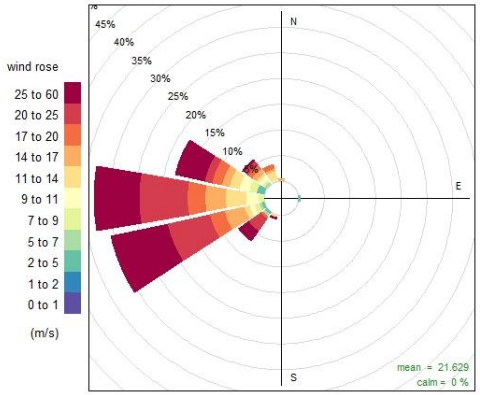
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	1.3	0.4	2.5	0	0	0	0	0	0
12-33		0.4	0	1.3	0.4	1.3	0	0	0	0	0	0
34-56		0	0	1.3	1.3	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.4	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0.4	0	0	0	0
124-146		0	0	0.8	0	0	0	0	0	0	0	0
147-168	0	0	0	1.3	0	0	0	0	0	0	0	0
168-191		0.4	0	0	0	0.4	0	0.4	0	0	0	0
192-213		0.4	0	0.8	0	0.8	0	0.4	0.4	0	0	0
214-236		0	0.4	0.8	0.8	0.8	1.3	0.8	0.8	0	0	0
237-258		0.4	0	1.3	1.3	3	1.3	3.8	1.7	0	0	0
259-281		0	0	1.7	3.8	3.8	3.8	7.2	3	2.5	0.4	0
282-303		0.4	0	2.1	1.3	2.1	2.5	3.4	3.8	0.8	0.4	0
304-326		0	0	2.1	1.7	2.1	2.1	1.7	1.3	1.3	0.4	0
327-348		0	0.4	0.8	1.3	0.8	2.1	1.7	1.3	0	0	0



Frequency of counts by wind direction (%)

Jodhpur October 300 hPa level

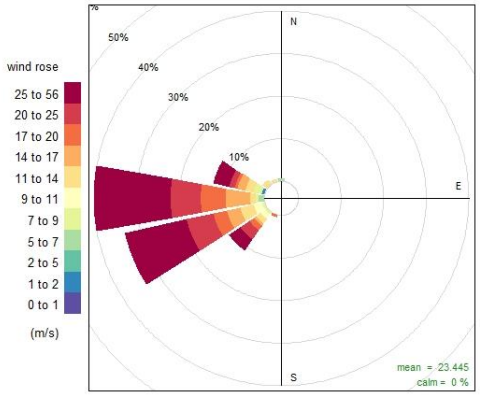
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0.5	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0.5	0	0	0	0.5
214-236		0	0	0.5	0.5	0	0	0	0	0.5	3	2.5
237-258		0	0	0.5	0.5	1	1	1	4	3	8.4	11.4
259-281		0	0	0	0	1	2.5	4	4	3.5	9.4	8.9
282-303		0	0	1.5	0	1.5	2	2	1.5	2	1.5	5.9
304-326		0	0	0	0.5	0.5	1	0.5	1	1	1	0.5
327-348		0	0	0	0	0.5	0	1.5	0.5	1	0	0



Frequency of counts by wind direction (%)

Jodhpur October 200 hPa level

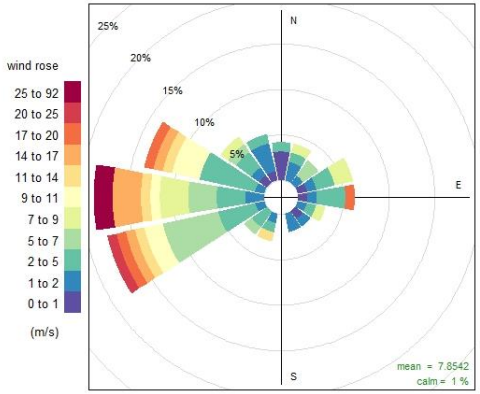
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0.6	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0.6	0	0
214-236		0	0	0	0	0.6	1.3	1.3	0.6	1.3	2.6	3.2
237-258		0	0	0	0	0.6	1.9	3.2	3.2	3.2	6.5	14.8
259-281		0	0	0	1.3	0.6	0	1.3	5.8	5.8	7.1	18.1
282-303		0	0.6	0	0	1.9	0	1.9	1.9	0.6	1.3	3.9
304-326		0	0	0	0	0	0	1.3	0	0	0	0
327-348		0	0	0	0	0	0	0.6	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur 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		3.1	0	1	0	0	0	0	0	0	0	0
12-33		0	2.1	1	0	1	0	0	0	0	0	0
34-56		0	1	0	2.1	0	0	0	0	0	0	0
57-78		1	1	2.1	0	2.1	0	0	0	0	0	0
79-101		1	1	3.1	0	0	0	0	0	1	0	0
102-123		0	1	1	0	1	0	0	0	0	0	0
124-146		1	1	0	0	0	0	0	0	0	0	0
147-168		0	2.1	0	0	0	0	0	0	0	0	0
168-191	1	0	0	0	0	0	0	0	0	0	0	0
192-213		0	1	1	0	0	0	1	0	0	0	0
214-236		0	0	2.1	1	0	0	0	0	0	0	0
237-258		0	1	4.2	6.2	0	2.1	1	1	1	1	0
259-281		0	2.1	3.1	3.1	3.1	1	1	3.1	0	0	2.1
282-303		0	1	6.2	0	0	3.1	1	1	1	0	0
304-326		1	1	2.1	1	1	0	0	0	0	0	0
327-348		1	3.1	1	0	0	0	0	0	0	0	0



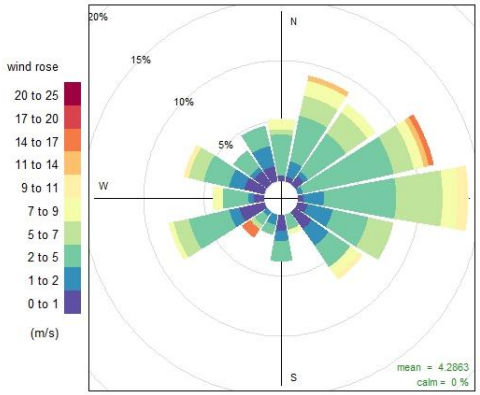
Frequency of counts by wind direction (%)

Jodhpur November 1000 hPa level

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

Jodhpur November 925 hPa level

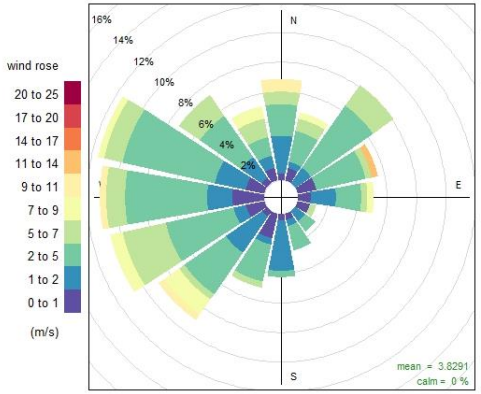
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0	3.4	0.4	0.9	0	0	0	0	0	0
12-33		0.4	1.3	3.8	1.7	1.3	0	0.4	0	0	0	0
34-56		0.9	0.4	3.8	2.1	0.9	0	0	0	0	0	0
57-78		0	0.4	7.7	1.7	0.9	0	0.4	0.4	0	0	0
79-101		0.4	1.7	6	3.8	1.3	0.9	0	0	0	0	0
102-123		0.9	2.1	3	2.1	0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



Frequency of counts by wind direction (%)

Jodhpur November 850 hPa level

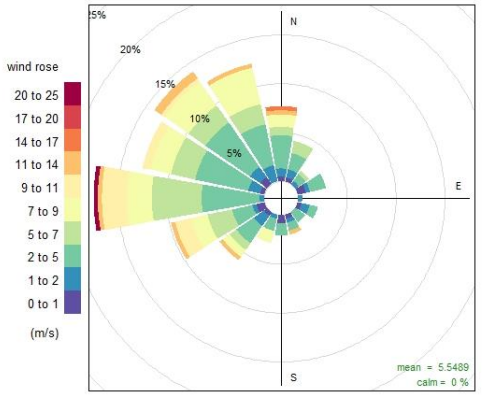
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	2.6	2.1	0.9	0	0.9	0	0	0	0	0
12-33		0.9	0.4	2.1	0.9	0.4	0	0	0	0	0	0
34-56		0	1.3	5.1	1.7	0	0	0	0	0	0	0
57-78		1.3	0	3.4	0.4	0	0	0.4	0	0	0	0
79-101		0.9	1.7	1.7	0.4	0.4	0	0	0	0	0	0
102-123		0.9	0	0	0.4	0	0	0	0	0	0	0
124-146		0	0.9	0.9	0	0	0	0	0	0	0	0
147-168	0	0.4	0.4	1.7	0	0	0	0	0	0	0	0
168-191		0.4	3.4	0.4	0	0	0	0	0	0	0	0
192-213		1.7	0.4	2.6	0.4	0	0	0	0	0	0	0
214-236		0.4	3	3.4	0.4	1.3	0.4	0	0	0	0	0
237-258		1.3	0.9	4.7	3	0.9	0	0	0	0	0	0
259-281		2.1	1.7	5.6	1.3	0	0.4	0	0	0	0	0
282-303		1.3	2.1	6.4	1.3	0.4	0	0	0	0	0	0
304-326		0.4	1.7	3.4	1.7	0	0	0	0	0	0	0
327-348		0.9	0.9	1.3	1.3	0.9	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur November 700 hPa level

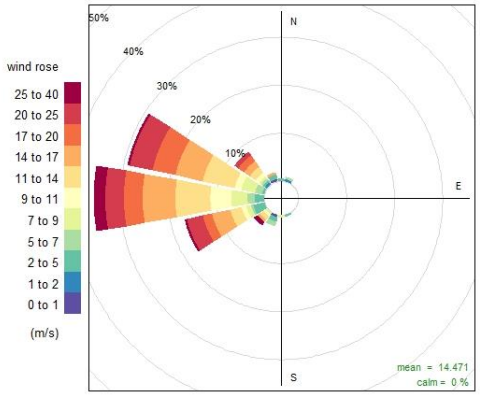
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.9	3.4	0.9	1.3	0	0.4	0.4	0	0	0
12-33		0.4	0.9	1.7	1.3	0	0	0	0	0	0	0
34-56		0	0.4	0.9	0.4	0	0	0	0	0	0	0
57-78		0.9	0.4	1.7	0	0	0	0	0	0	0	0
79-101		0	0.4	0	0	0	0	0	0	0	0	0
102-123		0.4	0.9	0.9	0	0	0	0	0	0	0	0
124-146		0	0	1.3	0	0	0	0	0	0	0	0
147-168	0	0.4	0.4	0.9	0	0	0	0.4	0	0	0	0
168-191		0.9	0	1.3	0	0	0	0	0	0	0	0
192-213		0	0.4	1.3	0	1.3	0	0	0	0	0	0
214-236		0.4	1.3	2.1	0.9	0.9	0	0.4	0	0	0	0
237-258		0.9	0.4	2.1	2.6	1.7	1.7	0.4	0	0	0	0
259-281		0	0.4	6	5.1	2.6	2.6	0.4	0	0	0.4	0
282-303		0.4	1.3	5.5	2.6	2.1	0.9	0	0	0	0	0
304-326		0.9	1.3	5.5	2.1	3	0.4	0.9	0	0	0	0
327-348		0	1.7	4.3	2.1	3.8	0	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur November 500 hPa level

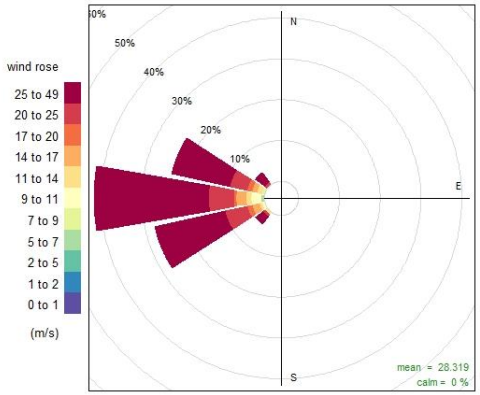
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.5	0	0	0	0	0	0	0	0
12-33		0	0.5	0	0.5	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0.5	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0.5	0	0	0	0	0	0
192-213		0.5	0	1	1	0	0	0	0	0	0	0
214-236		0	0	0	0	0.5	0.5	1	0.5	0	0	1
237-258		0	0	2.4	0.5	1	1	2.4	3.9	1.9	3.4	0.5
259-281		0	0	1.9	1.5	3.4	4.4	7.3	6.8	3.9	3.9	2.4
282-303		0	0	0.5	1.5	2.9	1.5	6.8	5.8	4.9	4.9	0.5
304-326		0	0.5	0.5	0.5	0.5	1	1.5	1.5	1.5	1	0
327-348		0.5	0	1	0	0	0	0	0.5	0	0	0



Frequency of counts by wind direction (%)

Jodhpur November 300 hPa level

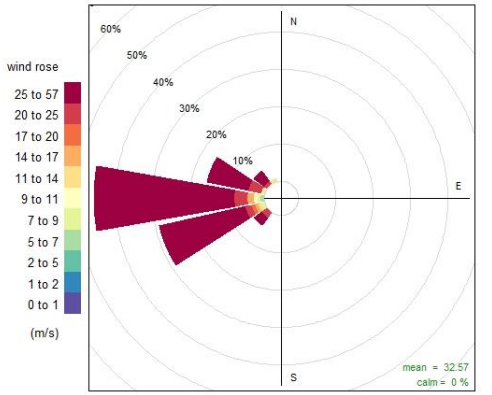
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	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	0.6	0	0	0.6	2.5
237-258		0	0	0	0	0	0.6	0.6	1.8	1.2	5.5	17.8
259-281		0	0	0	0.6	0	2.5	1.2	2.5	0.6	6.1	28.2
282-303		0	0	0	0	0.6	0	1.2	1.2	1.2	4.3	14.7
304-326		0	0	0	0	0	0	0	0	0	0.6	3.1
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur November 200 hPa level

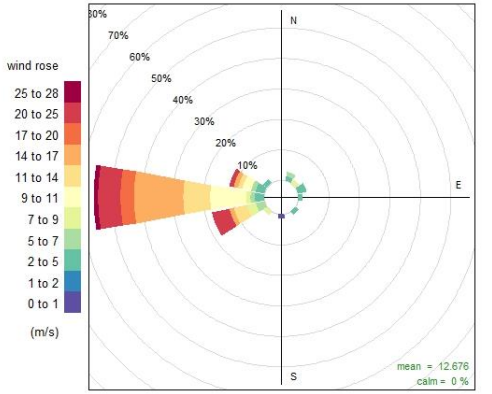
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	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	1.8	2.6
237-258		0	0	0	0	0.9	0	0.9	0.9	0.9	1.8	23.7
259-281		0	0	0	0.9	0.9	0.9	0	1.8	0	3.5	37.7
282-303		0	0	0	0	0.9	0	0	0	0	3.5	11.4
304-326		0	0	0	0	0	0	0	0	0	0.9	3.5
327-348		0	0	0	0	0	0	0.9	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur November 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	1.5	1.5	0	0	0	0	0	0	0
34-56		0	0	0	0	1.5	0	0	0	0	0	0
57-78		0	0	2.9	0	0	0	0	0	0	0	0
79-101		0	0	1.5	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	1.5	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	1.5	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	1.5	0	0	0	0	0	0
237-258		0	0	0	2.9	2.9	0	4.4	1.5	0	5.9	0
259-281		0	0	2.9	1.5	1.5	11.8	8.8	16.2	4.4	7.4	1.5
282-303		0	0	2.9	1.5	0	2.9	1.5	1.5	0	1.5	0
304-326		0	0	1.5	0	0	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0



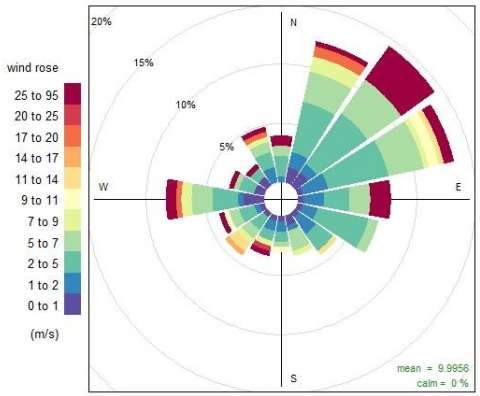
Frequency of counts by wind direction (%)

Jodhpur December 1000 hPa level

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

Jodhpur December 925 hPa level

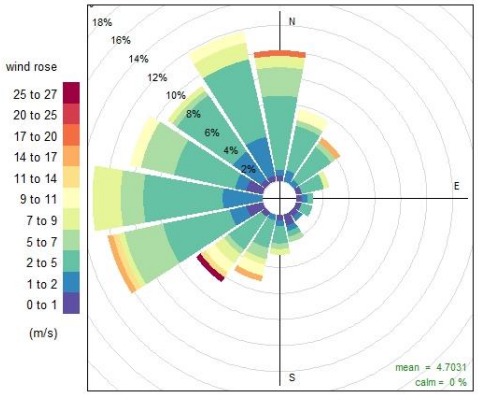
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0.4	1.7	0.9	0	0	0	0	0	0	0.9
12-33		1.3	1.3	4.4	2.6	1.3	0	0	0	0.9	0	0.4
34-56		1.3	0.9	5.2	3.5	0	0	0	0	0	0	3.5
57-78		0.4	2.2	5.2	3.1	0.4	0.9	0.4	0	0	0	0.9
79-101		0.4	1.7	2.2	1.7	0	0	0	0	0	0	1.7
102-123		0.4	1.3	4.4	0.9	0	0	0	0	0	0	0
124-146		0.4	1.7	1.7	0	0	0	0.4	0	0	0	0
147-168		0.9	0.4	0	1.7	0.4	0	0	0	0	0	0
168-191	0	0.4	0.9	0.9	0.4	0	0.4	0	0	0	0	0
192-213		0.4	0.9	0.9	0	0.4	0	0	0	0	0.4	0.4
214-236		0.4	0	1.3	0.9	0.4	0	0.9	0.4	0	0	0
237-258		0.4	0.4	1.3	0.9	0	0.4	0	0	0	0	0.4
259-281		1.7	0.4	2.2	1.7	0.9	0	0	0	0.4	0	0.9
282-303		0.9	0	1.3	0.4	0	0	0	0	0	0	0.4
304-326		0.9	0	0.9	0	0	0	0	0	0	0	0.4
327-348		0	1.3	1.3	0.9	0.4	0	0	0	0.4	0	0.4



Frequency of counts by wind direction (%)

Jodhpur December 850 hPa level

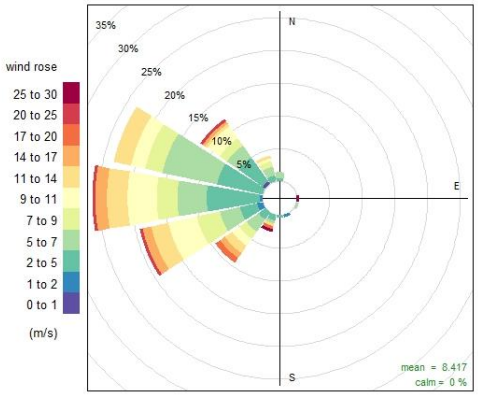
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0.4	0.4	5.7	2.2	0.9	0	0	0	0.4	0	0
12-33		0	0.9	3.5	0.4	0	0.9	0	0	0	0	0
34-56		0	0.4	3.1	0.4	0	0	0	0.4	0	0	0
57-78		0.4	0	1.7	0	0.4	0	0	0	0	0	0
79-101		0.4	0.4	0.4	0	0	0	0	0	0	0	0
102-123		0.4	0	0.9	0	0	0	0	0	0	0	0
124-146		0.4	0.4	0	0	0	0	0	0	0	0	0
147-168	0	0.9	0.4	0.4	0.4	0	0	0	0	0	0	0
168-191		0.4	0.4	1.3	0.4	0.4	0	0	0	0	0	0
192-213		0	0.4	2.2	0.9	0.4	0.9	0	0.4	0	0	0
214-236		0.4	0	3.1	0.4	0.9	0.9	0.4	0	0	0	0.4
237-258		1.3	1.3	5.2	3.1	0.4	0	0.4	0.4	0	0	0
259-281		0	3.1	6.1	1.7	2.2	0	0	0	0	0	0
282-303		1.3	0.9	4.8	2.6	0	0.9	0	0	0	0	0
304-326		0.4	2.6	5.2	0.4	0.4	0	0	0	0	0	0
327-348		0.4	3.1	6.1	0	1.3	0.9	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur December 700 hPa level

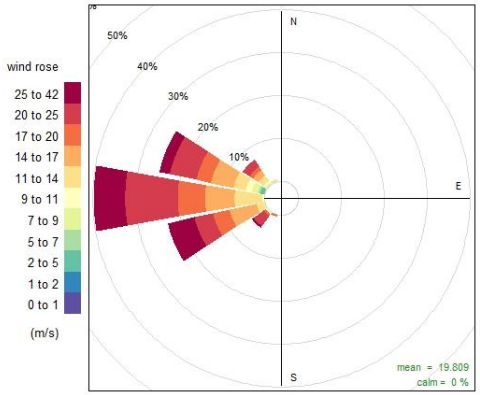
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0.4	0.9	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0.4
102-123		0	0	0	0.4	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0.4	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	0.9	0.4	0	0	0.4	0	0.4	0	0.4
214-236		0	0	1.3	2.2	1.3	1.3	1.3	0.9	0.9	0	0
237-258		0	0.9	2.7	3.1	3.6	4.5	2.7	1.3	0	0.4	0
259-281		0	0.4	8.1	4.5	3.1	4.5	3.1	1.8	0	0.4	0
282-303		0	0	7.2	8.5	2.7	2.2	2.7	0	0	0	0
304-326		0.4	0	4.5	2.2	1.3	2.2	0.4	0.4	0	0.4	0
327-348		0	0	0.9	1.3	0.9	0.4	0.4	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur December 500 hPa level

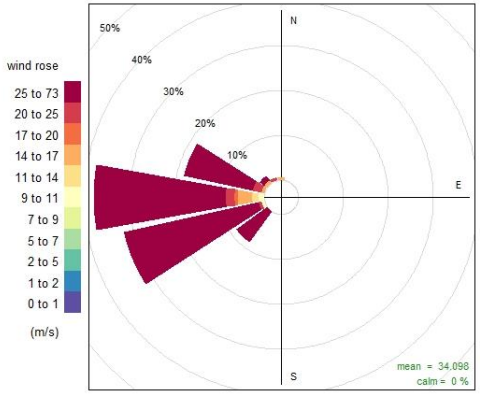
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0.5	0	0
214-236		0	0	0	0	0	0.5	0	0	0.5	2.9	0.5
237-258		0	0	0	0	0.5	0	1.5	6.4	3.9	4.4	6.4
259-281		0	0	0	0	0	0.5	6.4	6.9	6.4	12.3	7.4
282-303		0	0	1	0.5	1.5	1.5	2.9	5.4	3.4	6.4	2.5
304-326		0	0	0	0	0.5	0.5	1.5	1.5	1	2	0
327-348		0	0	0	0	0	0	0.5	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur December 300 hPa level

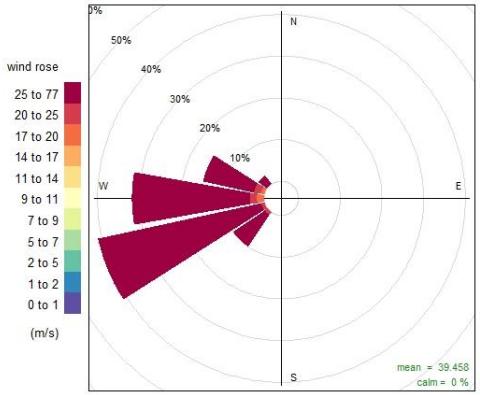
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0.7	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	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
237-258		0	0	0	0	0	0.7	0	0	0	0.7	30.7
259-281		0	0	0	0	0	1.3	1.3	3.3	0.7	2	29.4
282-303		0	0	0	0	0	0	0	0.7	0	2	15.7
304-326		0	0	0	0	0	0	0	0.7	0	0	1.3
327-348		0	0	0	0	0	0	0	0	0	0.7	0



Frequency of counts by wind direction (%)

Jodhpur December 200 hPa level

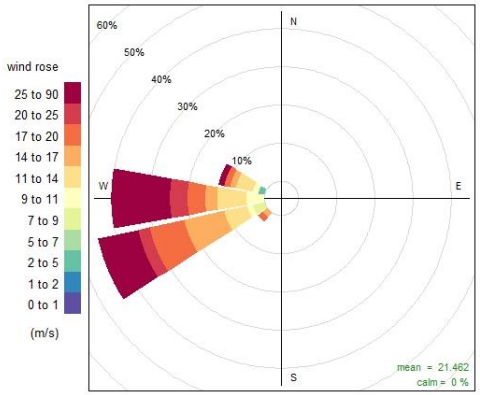
Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	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	9.2
237-258		0	0	0	0	0	0	0	0	0	0.8	40
259-281		0	0	0	0	0	0	0	0	1.7	1.7	28.3
282-303		0	0	0	0	0	0	0	0	0.8	1.7	12.5
304-326		0	0	0	0	0	0	0	0	0	0	2.5
327-348		0	0	0	0	0	0	0	0	0	0	0



Frequency of counts by wind direction (%)

Jodhpur December 100 hPa level

Speed / Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11		0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	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	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0	0	0	1.5	1.5	0	0
237-258		0	0	0	0	3.1	1.5	6.2	10.8	9.2	3.1	10.8
259-281		0	0	0	0	0	4.6	7.7	3.1	4.6	4.6	15.4
282-303		0	0	1.5	0	0	1.5	4.6	1.5	1.5	0	1.5
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



Frequency of counts by wind direction (%)

Jodhpur **42339** **Station height** **240** **January**

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	990	999	952	11.6	19.6	2	3.3	40	1.7	-1.1	-1.3	2
1000	136	208	46									
950	554	632	325	15.2	28.4	6.6	2.2	56	2.9	-2.4	-1.6	5.1
925	788	861	682	15.2	28.2	4.8	2.1	54	2.6	-2.1	-1.5	6.9
900	1024	1091	929	13.5	26.8	4.8	-0.9	6	0.9	-0.1	-0.9	4.8
850	1502	1576	1402	10.4	23.8	-22.6	-3.8	290	2	1.9	-0.7	5.4
800	2004	2089	1897	7.7	20.4	-1.9	-6.9	278	3.7	3.7	-0.5	6.4
750	2536	2635	2416	5.2	18	-5.1	-9.7	273	5.8	5.8	-0.3	8
700	3092	3216	2967	2.4	13	-8.3	-12.8	268	7.8	7.8	0.3	10.1
650	3689	3831	3556	-0.8	12.3	-14.3	-15.4	269	10.5	10.5	0.1	12.6
600	4322	4483	4177	-4.6	12.4	-18.7	-18.9	267	13.5	13.5	0.6	15.9
550	5012	5203	4833	-8.8	12.3	-20.7	-22	270	16.5	16.5	0.1	18.8
500	5733	5934	5550	-13.7	11.7	-26.8	-26.5	268	18.8	18.8	0.5	21.6
450	6531	6812	6324	-19.2	11.4	-31.7	-31.3	271	22	22	-0.4	24.4
400	7392	7792	7150	-25.3	11.3	-45.3	-37	270	25.2	25.2	0.2	28.3
350	8355	8886	8090	-31.8	10.5	-45.1	-43.4	270	27.4	27.4	0.2	30.4
300	9423	10142	9050	-39	10.5	-57.3	-51.7	268	28.4	28.4	0.8	32.1
250	10654	11619	10291	-46.7	8.3	-65.9	-60.1	267	33.1	33	2	37.3
200	12104	12526	11700	-55.1	-41.5	-77.5	-67	266	33.3	33.2	2.3	37.2
175	12948	13412	12526	-59.6	-46.1	-82.1	-66.4	268	33.1	33.1	1.2	35.9
150	13903	14415	13474	-63.9	-50.9	-79.5	-72.2	266	30.7	30.6	2.3	33.9
125	15003	15572	14538	-68.5	-56.1	-85.3		268	28.4	28.4	1	30.9
100	16326	16948	15793	-72.3	-60.1	-89.1		264	21.7	21.6	2.4	24.5
80	17634	18280	17131	-72.5	-59.7	-87.9		269	16.8	16.8	0.2	18.1
70	18429	19100	17950	-70.3	-52.1	-86.9		266	11.9	11.9	0.9	13.7
60	19306	19989	18792	-67.3	-47.1	-80.7		271	9.8	9.8	-0.2	11.8
50	20461	21210	19869	-63	-51.5	-75.9		273	6.4	6.4	-0.3	9.4
40	21844	22654	21227	-59.5	-47.3	-72.5		283	4.3	4.2	-1	7.8
30	23671	24539	23007	-55.3	-42.7	-71.3		281	2	2	-0.4	7.2
25	24836	25722	24350	-54	-43.1	-66.1		298	2.7	2.4	-1.3	6.4
20	26377	27239	25863	-50.7	-39.9	-64.9		260	2.9	2.9	0.5	6.7
15	28295	29185	27672	-50.6	-41.9	-63.1		285	3	2.9	-0.8	7.1
10	30835	31236	30448	-48.8	-41.7	-58.9		273	8.9	8.9	-0.5	9.6
7	33224	33642	32660	-46.4	-41.1	-55.5		284	10.6	10.3	-2.6	10.7

FREEZING LEVEL

P	Height	H_max	H_min
668	3500	5350	1700

FIRST TROPOPAUSE

P	Height	Temp
209	11925	-58.9

SECOND TROPOPAUSE

P	Height	Temp
101	16358	-74

Jodhpur **42339** **Station height** **240** **February**

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	988.1	996	979	13.9	22	2.6	4	35	1.2	-0.7	-1	1.9
1000	118	185	13									
950	540	618	425	17.3	27	6.2	2.3	45	1.6	-1.1	-1.1	5.5
925	778	847	660	17.5	27.2	5.6	1.6	338	0.5	0.2	-0.5	5.4
900	1012	1108	928	15.5	27.4	2.4	-0.8	299	1.3	1.1	-0.6	5.3
850	1493	1579	1396	12.2	22.4	0.2	-3.4	277	3.2	3.2	-0.4	5.9
800	1997	2091	1892	8.9	19.9	-2.5	-6	272	4.7	4.7	-0.2	7
750	2529	2635	2400	5.5	17	-5.1	-8.8	274	6.4	6.4	-0.5	8.6
700	3089	3206	2957	2.4	13.8	-6.9	-11.9	272	8.3	8.3	-0.3	10.4
650	3681	3815	3505	-1.1	10	-10.7	-15	271	10.9	10.9	-0.2	12.9
600	4318	4464	4146	-4.9	5	-14.9	-18.5	269	13.6	13.6	0.3	15.8
550	5006	5197	4820	-9.3	-0.3	-18.9	-21.7	271	16.1	16.1	-0.2	18.2
500	5727	5913	5511	-14.1	-4.7	-25.5	-26.6	270	18.7	18.7	0	21.1
450	6524	6750	6285	-19.5	-7.1	-30.3	-30.8	272	21.6	21.6	-0.6	24
400	7384	7621	7111	-25.5	-11.3	-36.9	-37	270	23.6	23.6	-0.2	26.8
350	8343	8615	8030	-32	-17.9	-44.5	-43.5	272	25.3	25.3	-1.1	28.2
300	9411	9741	9049	-39.2	-24.3	-52.7	-51.3	270	25.9	25.9	0	29.5
250	10637	11035	10211	-46.7	-33.1	-60.7	-60.4	268	29.2	29.2	1.2	33.4
200	12091	12457	11698	-54.2	-41.1	-73.3	-67.3	266	29.5	29.4	2	33.4
175	12940	13339	12059	-58.2	-44.5	-76.1	-67.9	268	28.6	28.6	1.2	31.8
150	13898	14436	13459	-62.9	-49.3	-85.3		267	27.3	27.3	1.3	30.5
125	15006	15605	14447	-68	-51.1	-88.7		268	24.1	24.1	0.9	26.2
100	16331	17019	15658	-72.3	-57.1	-88.9		267	20	20	1.2	21.7
80	17641	18271	17062	-72.6	-57.7	-88.9		270	15.2	15.2	0	16.5
70	18438	19050	17819	-70.9	-54.8	-88.5		268	12.1	12.1	0.4	13.4
60	19342	19932	18657	-67.8	-53.3	-86.1		268	9.2	9.2	0.3	10.2
50	20445	21023	19802	-63.1	-48.2	-76.5		269	6.8	6.8	0.1	8.1
40	21832	22435	21141	-59.3	-45.9	-72.3		277	4.2	4.2	-0.5	7.3
30	23654	24368	22901	-55.4	-41.9	-67.3		269	4	4	0.1	7.1
25	24811	25530	24350	-53.9	-38.9	-65.9		271	4.7	4.7	-0.1	6.8
20	26349	26998	25842	-50.5	-36.5	-59.1		272	4.6	4.6	-0.2	6
15	28325	28961	27884	-46.3	-34.1	-56.7		265	4.8	4.8	0.4	5
10	30957	31558	30555	-44.4	-35.3	-49.1		271	5.9	5.9	-0.1	5.9
7	33390	33500	33281	-43.1	-41.1	-45.1		0	0	0	0	0

FREEZING LEVEL

P	Height	H_max	H_min
671	3461	6590	1750

FIRST TROPOPAUSE

P	Height	Temp
226	11400	-56.5

SECOND ROPOPAUSE

P	Height	Temp
101	16381	-74.1

Jodhpur 42339 Station height 240 March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	985	997	905	19.4	33.4	9	6.7	18	0.6	-0.2	-0.6	1.7
1000	90	166	0									
950	522	600	320	22.2	34.4	6.2	4.6	344	0.7	0.2	-0.7	5.8
925	762	836	681	22.5	34.2	11.3	4.2	307	1	0.8	-0.6	6
900	1000	1066	916	20.5	32.8	7.4	1.6	284	2.5	2.4	-0.6	6.1
850	1490	1584	1402	16.9	30.4	4.4	-1.3	276	4.1	4.1	-0.4	6.5
800	2002	2095	1906	13	26	0.6	-3.8	271	5.2	5.2	-0.1	7.3
750	2538	2659	2413	8.9	21	-4.1	-6.7	268	6.3	6.3	0.2	8.5
700	3106	3234	2965	4.9	15.4	-6.5	-9.8	269	7.6	7.6	0.1	9.8
650	3702	3866	3519	0.9	14	-9.7	-13	268	9.4	9.4	0.3	11.5
600	4344	4529	4181	-3.1	12.4	-13.3	-16.5	269	11.6	11.6	0.3	13.5
550	5035	5540	4815	-7.6	5.2	-17.9	-20.4	269	13.7	13.7	0.2	15.6
500	5761	6011	5559	-12.7	0.2	-24.3	-24.5	269	16.1	16.1	0.3	18
450	6560	6844	6289	-18.3	-4.3	-30.3	-29.4	269	18	18	0.2	20.2
400	7426	7882	7151	-24.5	-9.3	-36.1	-35.5	270	20.2	20.2	0	22.6
350	8387	8841	8065	-31.4	-12.1	-43.5	-42	271	21.4	21.4	-0.2	23.9
300	9459	9921	9092	-39.1	-18.1	-52.3	-49.4	271	22.9	22.9	-0.2	25.7
250	10687	11183	10288	-47.1	-21.5	-59.3	-58.5	269	26.4	26.4	0.5	29.4
200	12139	12743	11732	-54.7	-27.3	-68.9	-65.4	268	26.3	26.3	0.8	29.2
175	12987	13690	12572	-58.3	-33.1	-72.9	-55.5	268	25.9	25.9	1	28.7
150	13944	14547	13529	-62.8	-50.5	-75.3	-60.1	268	23.9	23.9	0.8	26.2
125	15052	15680	14641	-67.8	-48.9	-82.3		267	20.7	20.7	1.2	22.7
100	16379	17050	15946	-72.2	-57.7	-87.9		266	17.7	17.7	1.1	19.4
80	17684	18426	17222	-72.8	-57.1	-85.3		267	13.2	13.2	0.6	14.3
70	18473	19251	17992	-70.6	-52.1	-86.1		265	9.7	9.7	0.8	11.7
60	19281	19850	18897	-67.7	-47.7	-86.1		274	6.6	6.6	-0.5	8.9
50	20481	21346	19956	-62.7	-44.3	-78.3		285	4.2	4.1	-1.1	7
40	21856	22696	21262	-58.1	-41.1	-70.7		292	3.1	2.9	-1.2	6.4
30	23690	24625	23022	-53.5	-38.1	-66.5		299	2.1	1.8	-1	6.2
25	24865	25820	24134	-51.2	-34.9	-63.3		287	3.1	3	-0.9	5.8
20	26380	27415	25515	-47.6	-31.1	-61.3		275	5.3	5.3	-0.5	6.8
15	28312	28968	27301	-45.2	-35.1	-60.7		278	8.4	8.3	-1.2	10.4
10	31798	39825	30583	-46.5	-35.5	-60.5		274	19.4	19.3	-1.5	21.7
7	33209	33285	33150	-45.2	-44.1	-46.9		268	11.9	11.9	0.4	13.3

FREEZING LEVEL

P	Height	H_max	H_min
641	3828	6070	2000

FIRST TROPOPAUSE

P	Height	Temp
225	11516	-56.3

SECOND TROPOPAUSE

P	Height	Temp
97	16645	-74.5

Jodhpur 42339 Station height 240 April

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	981.7	991	971	24.6	32	15	10.2	270	0.5	0.5	0	1.7
1000	58	124	-9									
950	498	570	377	26.6	36	16.8	8.4	265	2.2	2.2	0.2	6.6
925	742	803	679	27	36.8	16.4	7.8	257	2.8	2.7	0.6	7.4
900	983	1067	904	25.3	36	13	4.6	265	3.6	3.6	0.3	7
850	1480	1584	1396	21.9	33.6	3.2	1.5	265	4.4	4.4	0.4	6.7
800	2001	2089	1884	17.7	32.4	-0.3	-1.2	263	4.7	4.7	0.6	6.8
750	2546	2676	2396	13.2	26.8	-3.1	-4.3	264	5.1	5.1	0.5	7.3
700	3121	3229	2937	8.3	22.4	-6.5	-7.7	267	5.3	5.3	0.3	7.8
650	3725	3864	3512	3.7	16	-11.1	-11.1	272	6	6	-0.2	8.6
600	4372	4525	4124	-0.9	10.2	-15.1	-15.4	272	7.1	7.1	-0.2	9.7
550	5069	5253	4777	-5.5	5.2	-18.9	-20.3	272	8.8	8.8	-0.3	11.1
500	5801	5995	5478	-10.6	2.8	-23.9	-25.3	270	10.6	10.6	0	13
450	6608	6849	6238	-16.3	-2.9	-32.3	-30.2	272	12.8	12.8	-0.4	14.9
400	7478	7731	7071	-22.9	-6.9	-37.5	-35.7	272	14.7	14.7	-0.4	17.4
350	8449	8753	7988	-30	-13.1	-43.7	-41	274	16.3	16.3	-1.1	18.5
300	9524	9841	9009	-38	-21.9	-53.8	-49.1	273	17.2	17.2	-0.8	20.5
250	10757	11131	10179	-46.2	-29.1	-62.1	-58.5	270	19.4	19.4	-0.1	23.3
200	12212	12637	11569	-53.8	-39.7	-67.5	-65.4	269	20	20	0.5	23.6
175	13065	13508	12382	-57.5	-37.1	-73.9	-66	269	19.9	19.9	0.2	22.5
150	14026	14485	13515	-61.8	-47.1	-78.5	-72.8	266	17.6	17.6	1.2	20.1
125	15138	15634	14614	-67	-38.9	-79.9	-79.6	267	16.2	16.2	0.8	17.8
100	16468	17038	15880	-71.2	-33.5	-83.5	-78.8	265	11.6	11.6	1	13
80	17785	18428	17141	-71.7	-59.1	-86.1	-81.4	266	7.9	7.9	0.5	9.5
70	18579	19225	17915	-69.4	-51.1	-85.3	-75.2	264	4.5	4.5	0.5	7.5
60	19350	19973	18819	-66.1	-48.7	-78.9	-74.1	276	3	3	-0.3	6.3
50	20603	21292	19921	-61.1	-44.9	-74.5	-65.9	278	1.4	1.4	-0.2	6.5
40	21990	22759	21306	-56.3	-38.3	-75.9	-65.3	309	1.4	1.1	-0.9	5.5
30	23846	24694	23159	-50.8	-32.5	-73.5	-60.9	322	1.1	0.7	-0.9	5.1
25	25026	25970	24354	-48.1	-28.5	-67.9		297	1.8	1.6	-0.8	5.3
20	26522	27148	25828	-45.9	-31.9	-64.3		268	2.7	2.7	0.1	7
15	28426	29123	27692	-44.1	-32.3	-59.7		270	4.2	4.2	0	7
10	31113	31973	30256	-43.1	-31.1	-55.7		260	8.3	8.2	1.4	10.4
7	33489	34509	32742	-40.5	-28.5	-43.9		264	16.3	16.2	1.7	17.2

FREEZING LEVEL

P	Height	H_max	H_min
611	4245	6300	2600

FIRST TROPOPAUSE

P	Height	Temp
209	12103	-57.1

SECOND TROPOPAUSE

P	Height	Temp
98	16718	-73.3

Jodhpur 42339 Station height 240 May

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	978.3	986	970	28.5	35	19.8	16	237	2	1.7	1.1	2.7
1000	25	94	-55									
950	470	937	350	28.8	39.4	17.4	14.5	245	5.9	5.3	2.5	7.9
925	714	776	634	28.8	37.6	16	13.9	248	6.9	6.4	2.6	9.2
900	958	1020	879	27.7	37.8	15.2	10.1	251	7	6.6	2.3	8.9
850	1461	1538	1383	25.2	37.2	13.2	5.8	254	6.3	6.1	1.7	8.1
800	1989	2089	1914	21.4	36.4	6.8	2.3	265	4.9	4.9	0.4	6.9
750	2539	2673	2420	17	30.2	1.6	-0.8	275	4.2	4.2	-0.4	6.4
700	3124	3277	3004	12	27.2	0.8	-4.2	285	3.9	3.8	-1	6.7
650	3734	3914	3600	6.7	21.4	-8.9	-7.6	296	4.1	3.7	-1.8	7.1
600	4388	4589	4235	1.7	15.6	-10.9	-12	300	4.4	3.8	-2.2	7.7
550	5091	5310	4895	-3.1	9.4	-16.9	-17.1	294	5.4	4.9	-2.2	8.3
500	5831	6076	5602	-8	3.6	-24.1	-23	288	6.3	6	-1.9	9.1
450	6646	6898	6359	-13.3	1	-30.5	-27.9	285	8.3	8	-2.2	10.7
400	7527	7836	7233	-19.3	-4.1	-31.9	-33.5	283	10	9.7	-2.3	12.8
350	8511	8873	8195	-26.1	-11.7	-38.5	-39.4	281	11.6	11.4	-2.3	14.2
300	9586	9916	9237	-33.7	-18.7	-45.1	-47.3	277	12	11.9	-1.5	14.7
250	10862	11359	10580	-42.1	-26.3	-56.1	-56	271	14.1	14.1	-0.3	16.9
200	12342	12911	11974	-51.6	-34.5	-65.5	-65.3	269	14.1	14.1	0.3	16.7
175	13199	13809	12794	-56.9	-41.5	-73.9	-66.1	269	13.8	13.8	0.3	15.8
150	14162	14820	13724	-62.5	-48.1	-76.7	-71	265	12	11.9	1.1	13.8
125	15272	15973	14795	-68.1	-51.9	-82.1	-75.2	264	10.2	10.2	1	12
100	16579	17123	16063	-73.3	-59.5	-87.7	-80	262	6.4	6.3	0.9	8.7
80	17876	18526	17316	-72.9	-54	-88.7	-82.7	247	2.1	1.9	0.8	5.7
70	18676	19284	18086	-69.2	-48.7	-83.5	-83.7	68	0.5	-0.5	-0.2	5.4
60	19343	19996	18986	-64.5	-44.5	-84.1	-81.2	81	2.5	-2.5	-0.4	5.2
50	20721	21370	20075	-58.5	-39.3	-76.9	-78.1	83	4.1	-4.1	-0.5	5.9
40	22124	22850	21440	-53.3	-38.1	-71.7	-72.8	79	4.2	-4.1	-0.8	5.5
30	23991	24738	23442	-48.3	-33.5	-61.5	-72.8	89	4.5	-4.5	-0.1	6.2
25	25159	25950	24639	-46.3	-32.3	-56.7	-66.9	85	4.3	-4.3	-0.4	5.6
20	26651	27504	26069	-44.2	-25.7	-55.8		104	2.9	-2.8	0.7	5.3
15	28550	29517	27956	-42.2	-30.9	-50.7		98	1.5	-1.5	0.2	4.3
10	31317	31976	30834	-40.2	-27.5	-64.9		237	3.5	2.9	1.9	6.2
7	33584	33951	33345	-41.4	-35.1	-46.9		272	10.4	10.4	-0.3	12.3

FREEZING LEVEL

P	Height	H_max	H_min
584	4639	6150	2680

FIRST TROPOPAUSE

P	Height	Temp
193	12621	-58.3

SECOND TROPOPAUSE

P	Height	Temp
97	16787	-75.1

Jodhpur **42339** **Station height** **240** **June**

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	974.6	984	965	29.6	38	20.4	21.5	230	3	2.3	1.9	3.4
1000	-11	76	-90									
950	436	526	327	28.7	37.8	19.2	20.6	239	7.1	6.1	3.6	8.1
925	680	761	584	27.7	40	16.4	19.9	242	7.7	6.8	3.6	9.1
900	925	1000	825	26.5	39	14.2	17.5	240	8.3	7.2	4.1	9.6
850	1427	1503	1314	24.4	36.8	11	13.4	242	6.4	5.6	3	8.3
800	1953	2041	1145	21.8	31.4	7.6	7.9	248	3.7	3.4	1.4	6.6
750	2511	2611	2383	18.2	26.8	4.2	3.8	278	1.4	1.4	-0.2	5.5
700	3095	3210	2947	13.7	21.8	0.2	-0.4	343	1.4	0.4	-1.3	5.8
650	3712	3844	3569	9	19	-3.1	-4.8	5	2.5	-0.2	-2.5	6.3
600	4369	4516	4211	3.8	13	-8.5	-9.2	10	3.6	-0.6	-3.5	6.8
550	5080	5231	4910	-1	10	-13.3	-12.6	3	3.7	-0.2	-3.7	6.9
500	5822	5998	5601	-5.3	6	-16.9	-17.2	347	2.7	0.6	-2.6	6.6
450	6653	6823	6480	-9	1.8	-21.1	-21	316	3	2.1	-2.2	7
400	7548	7851	7315	-13.6	-5.7	-28.1	-26.8	297	3.8	3.4	-1.7	8.2
350	8558	8851	8325	-19.7	-10.7	-36.3	-32.5	294	4.3	3.9	-1.7	8.2
300	9679	9976	9413	-27.4	-16.7	-45.1	-40.7	283	4.4	4.3	-1	8.4
250	10967	11258	10605	-36.9	-23.1	-54.3	-50.6	271	4.8	4.8	-0.1	8.6
200	12472	12799	12007	-48.4	-36.1	-63.1	-62.4	258	4.7	4.6	1	8.4
175	13341	13687	12822	-55.1	-40.3	-72.5	-58.5	256	4.1	4	1	8.2
150	14307	14695	13742	-62.4	-45.5	-74.5	-65.5	252	2.9	2.8	0.9	7.8
125	15416	15864	14803	-69.8	-57.7	-84.1		211	0.6	0.3	0.5	7.1
100	16716	17207	16076	-75.8	-63.9	-89.5		86	3	-3	-0.2	6.8
80	18008	18598	17331	-74.5	-56.7	-89.5		90	6.7	-6.7	0	8.3
70	18801	19455	18090	-70.1	-52.7	-85.1		85	8.7	-8.7	-0.7	9.8
60	18792	19996	18996	-65	-45.3	-79.9		89	10.3	-10.3	-0.2	10.8
50	20836	21462	20102	-58.7	-39.7	-71.3		86	10.2	-10.2	-0.7	11.3
40	22248	22866	21499	-53.3	-37.3	-65.5		88	11.3	-11.3	-0.4	11.7
30	24103	24762	23329	-48.5	-30.9	-60		87	11.9	-11.9	-0.6	13
25	25272	26000	24486	-46.5	-32.5	-57.1		91	12.8	-12.8	0.2	13.2
20	26761	27481	25918	-44.1	-30.3	-57.9		94	12.1	-12.1	0.8	13
15	28682	29541	27784	-41.7	-24.3	-51.5		93	12.6	-12.6	0.6	13
10	31433	32326	30456	-39.6	-29.3	-48.1		94	12.5	-12.5	0.9	12.9
7	33950	34854	33150	-37.7	-27.5	-45.5		91	12.1	-12.1	0.2	14.4

FREEZING LEVEL

P	Height	H_max	H_min
559	4963	6820	3040

FIRST TROPOPAUSE

P	Height	Temp
200	12448	-50

SECOND TROPOPAUSE

P	Height	Temp
98	16922	-77.7

Jodhpur **42339** **Station height** **240** **July**

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	974.1	980	967	27.9	33.2	20	23.2	228	2.5	1.9	1.7	2.8
1000	-15	38	-82									
950	430	939	330	26.7	35.4	18.2	22.4	236	6.5	5.4	3.7	7.7
925	670	729	576	25.8	37.6	17	21.4	239	7.7	6.6	3.9	9.3
900	914	970	840	24.3	34.2	15.4	20.4	238	8	6.8	4.2	9.5
850	1413	1503	1332	22	34.2	13.6	17.5	235	5.9	4.8	3.4	8.1
800	1937	2023	1861	19.9	31.2	9.3	13.8	230	2.3	1.8	1.5	6
750	2494	2591	2400	17.2	26.2	7.4	9	68	0.5	-0.5	-0.2	5.1
700	3075	3184	2986	13.8	22.8	4	4.5	47	1.9	-1.4	-1.3	5.2
650	3694	3820	3580	10	19.3	0.8	0.1	42	3.1	-2.1	-2.3	5.5
600	4354	4477	4247	5.7	18	-1.1	-4.2	41	3.5	-2.3	-2.6	5.7
550	5070	5250	4953	1.3	15.9	-6.9	-7.6	43	3.3	-2.2	-2.4	5.4
500	5821	5990	5695	-2.8	8.2	-12.1	-12.1	54	2.4	-1.9	-1.4	4.9
450	6656	6880	6502	-6.7	3.4	-17.1	-16	71	1.8	-1.7	-0.6	5
400	7561	7792	7410	-11.7	-2.3	-21.3	-21.5	77	1.8	-1.8	-0.4	5.1
350	8576	8840	8387	-17.9	-8.3	-29.1	-27.8	79	2	-2	-0.4	5.3
300	9708	9992	9499	-25.8	-15.7	-36.3	-35.9	88	2.3	-2.3	-0.1	5.2
250	11002	11320	10742	-35.8	-20.5	-47.7	-45.7	98	3	-3	0.4	5.7
200	12515	12911	12120	-48.1	-34.5	-62.3	-59.7	98	3.7	-3.7	0.5	6.4
175	13381	13831	13012	-55.3	-41.5	-70.5	-62	96	4.7	-4.7	0.5	7.4
150	14346	14857	13928	-63	-48.9	-79.1	-63.1	90	6	-6	0	8.6
125	15449	15939	14977	-70.7	-56.4	-88.5	-77.7	85	8.2	-8.2	-0.7	10.3
100	16746	17317	16224	-75.9	-63.5	-88.7		79	10.9	-10.7	-2	12.4
80	18035	18544	17504	-74.1	-56.7	-86.5		82	13	-12.9	-1.8	13.5
70	18842	19335	18297	-69.9	-53.1	-85.5		83	13.3	-13.2	-1.7	14.4
60	18660	19995	19197	-64.9	-48.7	-80.3		86	13.7	-13.7	-0.9	14.1
50	20881	21500	20323	-59	-40.5	-78.1		82	13.6	-13.5	-2	14.6
40	22286	22948	21714	-54.3	-37.5	-73.1		85	15.3	-15.2	-1.4	15.6
30	24155	24861	23546	-49.4	-35.1	-65.5		87	17.2	-17.2	-1	18
25	25337	26110	24697	-47.3	-33.7	-62.9		88	18	-18	-0.7	18.4
20	26823	27622	26094	-45.1	-27.7	-61.5		89	18.5	-18.5	-0.3	19
15	28736	29645	27951	-43.4	-28.5	-58.3		89	21	-21	-0.4	21.3
10	31409	32249	30585	-42.8	-31.3	-56.7		87	21.9	-21.9	-1.2	22.3
7	33719	34730	32980	-42.4	-32.5	-55.7		93	16.8	-16.8	0.9	17.1

FREEZING LEVEL

P	Height	H_max	H_min
534	5310	6990	3450

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
101	16730	-77.6

Jodhpur 42339 Station height 240 August

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	976	983	920	26.7	32.2	23.4	23.2	229	2	1.5	1.3	2.2
1000	5	64	-74									
950	446	511	340	25.6	32.8	16.4	22.1	241	6	5.2	2.9	7.3
925	686	745	605	24.6	38.4	16.2	20.8	245	6.5	5.9	2.8	8.3
900	929	992	805	23.5	33.8	15.4	20.1	244	6.8	6.1	3	8.6
850	1425	1499	1300	21.2	33	9	17.2	240	4	3.5	2	6.8
800	1948	2037	1820	19	31.4	8	13.4	231	0.6	0.5	0.4	5.4
750	2503	2645	2379	16.4	26.8	7.2	9.1	52	1.6	-1.3	-1	5
700	3083	3199	2953	13.1	24.6	-0.5	4.7	44	2.8	-1.9	-2	5.2
650	3700	3850	3559	9.5	21.8	0.4	0	41	3.3	-2.2	-2.5	5.3
600	4360	4538	4204	5.4	15	-3.3	-4.5	42	3.6	-2.4	-2.7	5.5
550	5077	5268	4923	1.4	13.3	-7.9	-8.2	50	3.1	-2.4	-2	5.2
500	5826	6045	5654	-2.6	7	-11.1	-11.8	63	2.5	-2.2	-1.1	5
450	6661	6892	6480	-6.9	2.7	-17.7	-16.6	76	2.1	-2	-0.5	5
400	7566	7829	7367	-12	-2.5	-22.7	-22.1	80	2.3	-2.3	-0.4	5.4
350	8578	8863	8355	-18.4	-7.1	-29.9	-28.8	83	2.3	-2.3	-0.3	5.5
300	9710	9975	9444	-26.4	-14	-38.1	-36.9	90	2.3	-2.3	0	5.2
250	11002	11362	10648	-36.4	-21.9	-50.7	-47.4	96	2.8	-2.8	0.3	5.9
200	12509	12857	12073	-48.7	-33.5	-60.1	-60.6	101	4.2	-4.1	0.8	7
175	13372	13750	12894	-56	-39.7	-67.5	-64.7	100	5.2	-5.1	0.9	7.9
150	14332	14746	13809	-63.9	-49.9	-75.2	-68.1	94	6.3	-6.3	0.4	9
125	15429	15877	14864	-71.5	-55.1	-87.3		86	8.1	-8.1	-0.5	10.2
100	16723	17320	16162	-76	-63.3	-89.9		80	10.2	-10	-1.8	11.5
80	18021	18679	17515	-73.1	-53.9	-89.1		83	12.1	-12	-1.4	12.7
70	18828	19530	18288	-68.8	-51.1	-82.7		84	12.5	-12.4	-1.2	13.2
60	18809	19997	19161	-63.9	-46.7	-77.1		88	12.8	-12.8	-0.5	13.2
50	20877	21572	20237	-58.8	-43.5	-74.1		87	13.5	-13.5	-0.8	14.1
40	22293	23029	21589	-54.6	-40.9	-66.7		86	15.1	-15.1	-1.1	15.4
30	24146	24941	23364	-50.4	-38.1	-62.1		89	17.9	-17.9	-0.2	18.3
25	25330	26180	24510	-48.1	-35.5	-60.5		91	19.1	-19.1	0.2	19.3
20	26816	27707	25926	-45.9	-33.5	-58.7		91	21	-21	0.2	21.4
15	28770	29525	27942	-43.3	-30.1	-56.3		91	23.4	-23.4	0.4	23.7
10	31547	32343	30735	-41.2	-31.1	-52.9		93	20.3	-20.3	1.1	20.6
7	33972	34630	33091	-40.6	-37.5	-45.5		97	17.7	-17.6	2.3	18

FREEZING LEVEL

P	Height	H_max	H_min
535	5314	6960	3020

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
103	16597	-78

Jodhpur 42339 Station height 240 September

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	979.8	989	781	25.8	31.2	19.4	20.6	238	1.3	1.1	0.7	1.8
1000	43	766	-62									
950	478	593	310	25.8	37	18.6	19	248	4.8	4.5	1.8	6.9
925	718	783	620	25.3	33.6	17.8	17.6	248	7.5	7	2.8	10.1
900	965	1033	860	24.1	32.8	16	15.7	245	5	4.5	2.1	7.1
850	1462	1535	1350	21.4	31.8	12	12.1	240	2.8	2.4	1.4	5.8
800	1984	2069	1871	18.5	28.4	8	7.7	207	0.2	0.1	0.2	4.8
750	2533	2666	2430	14.9	27.2	4.6	2.8	62	1.5	-1.3	-0.7	4.9
700	3112	3216	2974	10.9	23.2	1.2	-1.7	50	2.6	-2	-1.7	5.5
650	3723	3900	3578	6.7	17.6	-1.5	-6.3	44	3.2	-2.2	-2.3	5.8
600	4376	4520	4257	2.6	16.8	-6.1	-9.6	42	2.8	-1.9	-2.1	5.8
550	5086	5320	3064	-1	11.8	-12.3	-12.8	38	1.6	-1	-1.3	5.5
500	5830	6012	5708	-4.5	5.4	-17.3	-16.5	307	0.5	0.4	-0.3	5.5
450	6660	6900	6500	-8.8	3.4	-21.9	-20.8	257	1.7	1.7	0.4	5.9
400	7558	7851	7386	-14.1	-1.1	-25.1	-25.9	261	3.1	3.1	0.5	6.7
350	8562	8860	8353	-20.7	-8.9	-31.1	-33.6	257	4.6	4.5	1	7.4
300	9666	9999	9431	-28.8	-18.7	-39.3	-42	251	5.5	5.2	1.8	8
250	10961	11328	10666	-38.7	-27.9	-49.7	-52.7	249	6.1	5.7	2.2	8.8
200	12455	12900	12127	-50.6	-38.5	-66.7	-68.7	237	5.6	4.7	3.1	8.6
175	13313	13800	12954	-57.5	-43.3	-70.1	-63.8	231	4.9	3.8	3.1	8.2
150	14270	14825	13917	-64.9	-49.7	-78.7		226	3.6	2.6	2.5	7.4
125	15363	15989	14928	-72.2	-55.1	-88.3		189	1.2	0.2	1.2	6.6
100	16662	17274	16275	-75.9	-60.5	-88.5		88	2.6	-2.6	-0.1	6.4
80	17966	18639	17595	-72.2	-53.7	-85.5		83	5.8	-5.8	-0.7	7.3
70	18770	19495	18370	-67.6	-51.4	-81.9		82	7.2	-7.1	-1	8.3
60	18983	19994	19290	-63.1	-42.4	-76.9		82	8.2	-8.1	-1.1	9
50	20826	21668	20394	-58.2	-39	-73.1		80	9	-8.9	-1.5	10
40	22247	23171	21742	-54	-35.5	-71.3		83	10.4	-10.3	-1.2	11.2
30	24104	25155	23567	-50	-35.9	-68.7		86	12.8	-12.8	-1	13.7
25	25286	26350	24707	-47.9	-32.1	-62.6		91	13	-13	0.3	14.2
20	26739	27973	25230	-46	-30.1	-65.7		90	13.2	-13.2	0	15.3
15	28478	29424	20003	-45	-30.5	-64.2		88	14.5	-14.5	-0.5	16.7
10	31364	32888	30452	-43.5	-29.5	-66		85	13	-12.9	-1.2	17.7
7	33822	35432	32768	-40.6	-26.7	-56.7		118	13.4	-11.9	6.2	14

FREEZING LEVEL

P	Height	H max	H min
565	4887	6820	3350

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
104	16472	-77.6

Jodhpur 42339 Station height 240 October

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	984.7	992	905	21.9	29.6	13	11.9	27	0.2	-0.1	-0.2	1.1
1000	87	151	27									
950	521	593	410	25.3	36.4	15.4	9.1	262	0.7	0.7	0.1	5
925	762	825	660	25.7	37	16.2	8.3	252	0.6	0.6	0.2	5.1
900	1006	1068	932	23.9	34.8	12.6	5.4	270	1.2	1.2	0	4.9
850	1501	1565	1424	20.1	32	10	2.4	286	1.5	1.4	-0.4	4.3
800	2019	2091	1929	15.8	26	6.4	-0.2	304	1.4	1.2	-0.8	4.3
750	2558	2648	2450	11.3	20	0.6	-3.4	324	1.7	1	-1.4	4.6
700	3132	3226	3028	7.1	16.6	-5.9	-7.4	340	2.3	0.8	-2.2	5.5
650	3735	3843	3605	3.3	12.8	-10.1	-11.5	339	2.8	1	-2.6	5.9
600	4381	4504	4222	-0.2	10.6	-13.7	-16.1	315	3.5	2.5	-2.5	6.7
550	5082	5213	4917	-3.8	6	-19.4	-20.9	292	4.8	4.5	-1.8	7.9
500	5819	5975	5622	-8.2	1	-23.7	-26.1	282	7.3	7.1	-1.5	10.1
450	6632	6799	6380	-13.4	-2.1	-31.1	-31.2	279	9.8	9.7	-1.5	12.6
400	7514	7719	7203	-19.4	-5.3	-37.9	-36.9	274	12.8	12.8	-0.8	15.5
350	8496	8739	8109	-26.2	-14.3	-44.9	-43.3	271	15.4	15.4	-0.2	17.9
300	9592	9879	9129	-33.9	-20.9	-49.3	-50.7	266	17.7	17.7	1.3	20
250	10844	11175	10306	-43	-30.1	-56.7	-61.8	262	20.2	20	2.8	22.2
200	12317	12725	11703	-53.6	-40.7	-64.1	-70.3	259	20	19.6	3.8	21.8
175	13160	13613	12529	-59.7	-46.7	-71.1	-61.7	259	18.2	17.8	3.6	19.9
150	14108	14629	13471	-66	-53.9	-78.1		259	16.3	16	3.2	17.8
125	15192	15617	14773	-71.8	-56.1	-86.5		260	13.3	13.1	2.2	14.6
100	16489	16992	16033	-74.2	-60.1	-91.1		264	8.1	8	0.9	9.7
80	17795	18360	17252	-70.7	-55.3	-88.3		270	3.4	3.4	0	6.5
70	18599	19195	18004	-67	-52.9	-82.1		285	1.1	1.1	-0.3	6
60	19451	19964	18896	-63	-46.1	-75.9		58	1.3	-1.1	-0.7	5.8
50	20652	21282	19975	-59	-44.3	-74.7		67	2.5	-2.3	-1	6
40	22064	22706	21361	-55.2	-37.7	-72.3		74	3.6	-3.5	-1	6.3
30	23910	24518	23150	-51.3	-32.5	-69.1		83	3.9	-3.9	-0.5	6.4
25	25086	25770	24290	-49.7	-38.1	-68.1		93	4.5	-4.5	0.2	6.6
20	26543	27278	25697	-47.4	-36.1	-65.7		89	4	-4	-0.1	7.1
15	28429	29283	27475	-44.7	-32.5	-57.5		105	2.7	-2.6	0.7	5.8
10	31134	32081	30519	-43	-32.3	-52.3		174	1	-0.1	1	6.9
7	33376	33995	32880	-40.3	-30.7	-49.5		194	1.6	0.4	1.6	3.6

FREEZING LEVEL

P	Height	H max	H min
605	4343	6210	2560

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
108	16126	-76.1

Jodhpur 42339 Station height 240 November

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	988.5	996	900	16.5	25	6.4	6.3	41	1.1	-0.7	-0.8	1.3
1000	123	179	45									
950	550	617	440	21.2	33	10.2	3.7	72	2.2	-2.1	-0.7	4.6
925	789	846	680	21.6	30.8	10.4	2.6	77	1.7	-1.7	-0.4	4.4
900	1027	1086	915	19.5	29	7	0.8	54	0.9	-0.7	-0.5	4.1
850	1515	1648	1405	15.7	25	4.8	-1.9	319	0.9	0.6	-0.7	4
800	2025	2087	1917	12.1	20.6	1.4	-4.5	310	1.6	1.2	-1	4.4
750	2562	2670	2470	8.6	17.8	-1.7	-7.8	313	2.2	1.6	-1.5	5.2
700	3128	3209	3014	5.5	18	-4.7	-11.8	302	3.1	2.6	-1.6	6
650	3730	3840	3560	2.3	13.8	-7.3	-15.2	289	4.3	4.1	-1.4	7
600	4371	4504	4228	-1.3	10	-11.1	-19	279	6.5	6.4	-1	9
550	5068	5222	4913	-5.5	5.2	-15.5	-23.7	276	8.9	8.8	-1	11.4
500	5800	5974	5632	-10.5	-1.1	-19.9	-27.8	275	11.4	11.4	-0.9	14
450	6605	6799	6415	-16.1	-6.6	-25.5	-32.3	273	14.1	14.1	-0.8	17
400	7480	7694	7270	-22.5	-9.7	-32.5	-38	271	17.6	17.6	-0.4	20.7
350	8448	8671	8212	-29.6	-18.7	-40.1	-44.3	271	20.8	20.8	-0.3	24.1
300	9529	9794	9253	-37.4	-26.9	-48.7	-51.9	270	23.9	23.9	0.2	27.3
250	10764	11060	10439	-46.1	-35.3	-57.9	-61.8	266	27.1	27	1.9	30.7
200	12218	12768	11827	-55.5	-44.1	-70.3	-70.5	264	27.8	27.6	2.9	31.3
175	13057	13589	12618	-60.6	-49.7	-73.5	-58.7	263	27	26.8	3.3	30
150	14002	14519	13516	-65.7	-53.7	-79.5	-57.9	263	24.7	24.5	2.9	27.3
125	15092	15602	14555	-70.4	-57.7	-84.5		265	21.7	21.6	2	23.8
100	16395	16892	15800	-73.6	-60.6	-89.9		267	15.8	15.8	0.8	17.7
80	17693	18233	17063	-73.1	-53.9	-89.9		275	11	11	-0.9	12.5
70	18483	19029	17837	-70.4	-49.3	-89.3		278	7.5	7.4	-1.1	9.9
60	19385	19965	18726	-66.9	-44.5	-83.9		281	4.9	4.8	-0.9	8.3
50	20493	21107	19776	-62.7	-49.8	-76.5		288	3.2	3	-1	7.3
40	21879	22339	21092	-58.3	-48.3	-71.3		289	2.4	2.3	-0.8	6.7
30	23712	24181	22855	-53.8	-41.4	-65.1		293	2.1	1.9	-0.8	6.8
25	24879	25415	24007	-51.5	-39.1	-62.9		283	2.3	2.2	-0.5	6.8
20	26311	26790	25454	-48.9	-39.3	-59.9		275	5.4	5.4	-0.5	9.4
15	28199	28746	27445	-46.4	-36.3	-56.5		264	4.4	4.4	0.5	7.9
10	30892	31279	30109	-44.2	-35.1	-48.7		285	2.3	2.2	-0.6	6.8
7	33246	33393	33065	-44.6	-42.1	-47.3		287	9	8.6	-2.6	9

FREEZING LEVEL

P	Height	H_max	H_min
622	4117	5950	2300

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
103	16320	-75.4

Jodhpur **42339** **Station height** **240** **December**

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	990.6	997	981	12.8	19.4	2.4	3.4	40	1.6	-1	-1.2	1.7
1000	141	196	61									
950	563	625	415	17	27	4.6	2.1	61	2.9	-2.5	-1.4	4.8
925	797	851	705	17.3	27	6	1.1	46	2.9	-2.1	-2	6.9
900	1033	1097	958	15.4	24	2	-0.7	37	1	-0.6	-0.8	4.1
850	1514	1579	1424	12.6	23.8	-1.7	-3.8	300	1.4	1.2	-0.7	4.3
800	2020	2096	1922	10	22	-5.9	-6.9	287	2.4	2.3	-0.7	5
750	2554	2680	2410	7.2	19.2	-6.7	-9.7	279	3.8	3.8	-0.6	6.2
700	3117	3221	2972	4.2	15	-8.5	-13	274	5.6	5.6	-0.4	7.9
650	3716	3835	3540	0.8	11.6	-12.1	-15.9	271	7.8	7.8	-0.2	10
600	4354	4491	4152	-2.9	6.6	-16.3	-19.6	270	10.4	10.4	0	12.8
550	5044	5202	4800	-7.3	2.4	-20.9	-23.4	270	13.1	13.1	-0.1	15.6
500	5773	5970	5505	-12.4	0.2	-27.9	-28	270	15.6	15.6	0	18.3
450	6572	6793	6280	-18.1	-4.3	-32.9	-32.5	270	18.5	18.5	0.1	21.3
400	7438	7700	7116	-24.5	-6.1	-38.7	-38.2	269	21.8	21.8	0.2	24.9
350	8400	8708	8026	-31.5	-14.1	-46.5	-44.2	268	24.1	24.1	0.8	27.6
300	9470	9867	9062	-39.3	-21.3	-52.7	-51.6	267	26.2	26.2	1.3	29.7
250	10695	11179	10257	-47.9	-30.7	-61.1	-59.9	266	31	30.9	2.2	34.9
200	12139	12704	11676	-56.8	-40.1	-72.5	-70.2	265	32.1	32	2.6	35.9
175	12979	13581	12504	-61	-47.3	-75.5	-61.2	266	31.1	31	2.3	34.6
150	13929	14560	13422	-64.8	-51.7	-81.5	-61.5	267	29	29	1.7	32.3
125	15027	15688	14590	-69.1	-56.3	-82.1		268	25.6	25.6	0.7	28.1
100	16339	17043	15824	-72.4	-60.1	-87.9		268	21.4	21.4	0.9	23.8
80	17645	18362	17183	-72.2	-58.9	-87.5		273	17	17	-0.8	18.5
70	18440	19147	18000	-70.1	-53.3	-86.1		269	12.8	12.8	0.2	14.8
60	19352	19829	18934	-67	-51.3	-85.1		271	9.9	9.9	-0.2	12.3
50	20454	21038	19971	-63.6	-49.9	-80.5		273	7.1	7.1	-0.4	10.2
40	21823	22378	21259	-60.4	-42.5	-75.9		276	4.6	4.6	-0.5	9.2
30	23600	24164	22966	-57.3	-36.1	-72.5		283	3.1	3	-0.7	9
25	24733	25317	24083	-54.7	-42.2	-71.5		270	3.9	3.9	0	9.3
20	26148	26632	25480	-52.5	-39.3	-70.1		276	4.9	4.9	-0.5	11.5
15	27999	28368	27297	-49.6	-31.9	-58.7		274	7.7	7.7	-0.5	14
10	31626	39903	30333	-49.4	-41	-56.3		267	17.1	17.1	0.8	22.6
7	32860	32989	32722	-51.4	-45.5	-55.9		274	11.4	11.4	-0.8	11.8

FREEZING LEVEL

P	Height	H_max	H_min
643	3835	5950	1840

FIRST TROPOPAUSE

P	Height	Temp
188	12640	-62.3

SECOND TROPOPAUSE

P	Height	Temp
103	16305	-74.2