



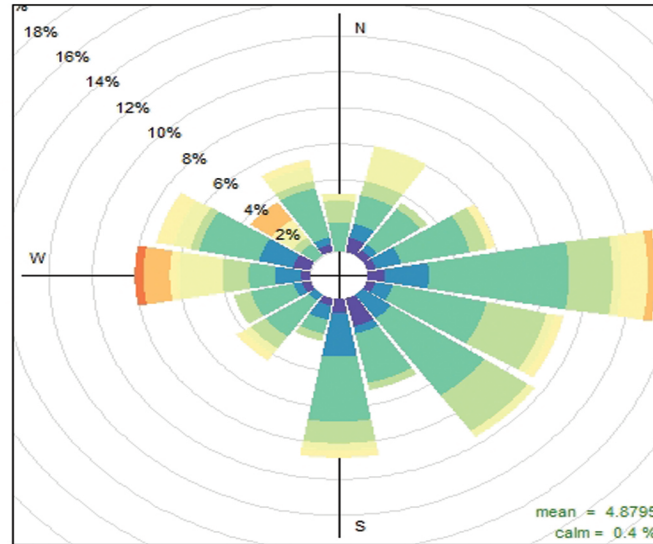
भारत सरकार / GOVERNMENT OF INDIA

पृथ्वी विज्ञान मंत्रालय/ MINISTRY OF EARTH SCIENCES

भारत मौसम विज्ञान भवन / INDIA METEOROLOGICAL DEPARTMENT

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

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



गोवा
GOA

सितम्बर २०२०
SEPTEMBER 2020



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

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PREFACE

India Meteorological Department (IMD), Ministry of Earth Sciences, brings out publications on varied meteorological topics. Normals of Radiosonde and Radiowind data has been published by the Climate Data Management and Services Group (CDMS), Office of Climate Research and Services (C R & S), IMD Pune since 1979. Four such publications have been published till date. The present publication 'Monthly Normals of Radiosonde and Radiowind (1981-2010) and Monthly Upper Air Windrose Diagrams (2000-2015)' is prepared using 0000 UTC (0530 IST) observation data from 35 Radiosonde and Radiowind (RS/RW) Upper Air stations for the period 1981-2010 and wind profile data of 34 RS/RW stations for the period 2000-2015 at eight different levels (1000, 925, 850, 700, 500, 300, 200, 100 hPa). The wind rose diagrams are prepared using R software after processing the RS/RW data by applying various quality checks. The present publication provides the climatology of different meteorological parameters at various levels over the **Goa** (Latitude $15^{\circ} 29'N$, Longitude $73^{\circ} 49'E$).

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 Nahush Kulkarni, Scientist- C, Climate Data and Monitoring Group (CDMG), O/o Climate Research & Services (CR&S), IMD Pune under the guidance of Shri. A.D. Tathe, Scientist E, Group Head Climate Data Management Group (CDMG). The valuable contributions were made by Shri. G.S. Dhekane, Met-B, Shri. S.H. Bhagwat, Shri. R.V. Ghoge, Smt. Gita Harikumar Smt. Vaishali Jadhav, Smt. Hasina Nisar, 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.

(Dr. D.S. Pai)
Head CRS IMD Pune

Table of content

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

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

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

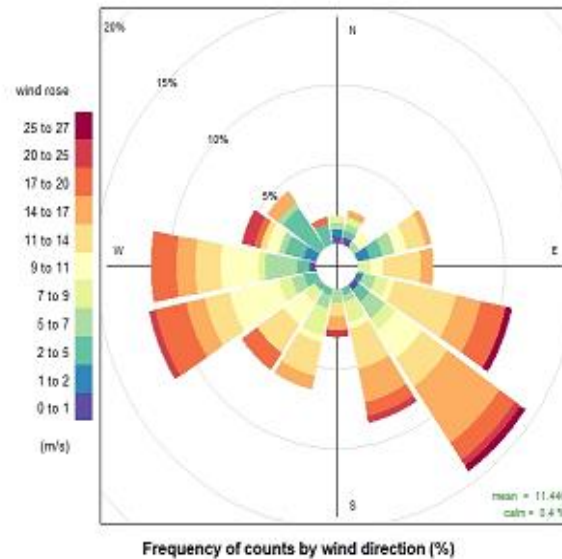
Description of various terms used in the table (Normals of Radiosonde data)

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

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

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

Interpretation of wind rose diagrams:



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

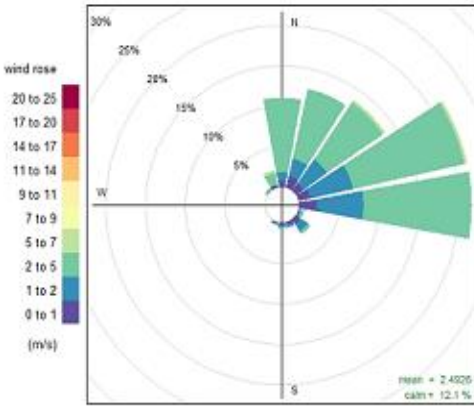
- The diagrams normally comprises of 8, 16 or 32 radiating spokes, which represent wind directions in terms of the cardinal wind directions (North East South West) and their intermediate directions.
- Presented in a circular format, the wind rose shows the frequency of winds blowing FROM particular directions.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

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

Goa

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	0.7	1.1	9.2	0	0	0	0	0	0	0	0
12-33		1.5	2.2	8.8	0	0	0	0	0	0	0	0
34-56		1.1	3.7	8.5	0.4	0	0	0	0	0	0	0
57-78		1.5	5.5	14.3	0.4	0	0	0	0	0	0	0
79-101		2.2	5.9	13.6	0	0	0	0	0	0	0	0
102-123		0	0.4	0.4	0	0	0	0	0	0	0	0
124-146		0.7	1.1	0.4	0	0	0	0	0	0	0	0
147-168		0	0.4	0	0	0	0	0	0	0	0	0
168-191		0.7	0.4	0	0	0	0	0	0	0	0	0
192-213		0	0.4	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	0.4	0	0	0	0	0	0	0	0
327-348		0.4	0	1.5	0.4	0	0	0	0	0	0	0

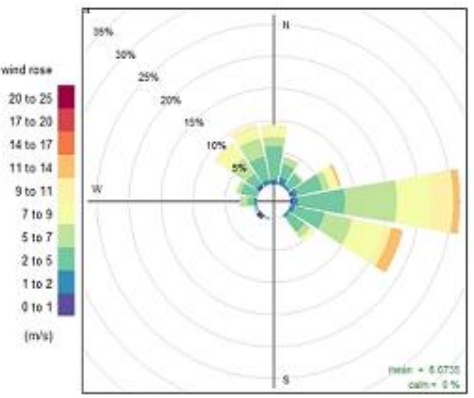


Frequency of counts by wind direction (%)

Goa

January 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0.4	5.1	1.5	1.5	0.4	0	0	0	0	0
12-33		0	1.1	2.2	1.1	0	0	0	0	0	0	0
34-56		0	0.4	2.2	0.4	0	0	0	0	0	0	0
57-78		0.4	0.7	4	1.1	1.1	0.4	0.4	0	0	0	0
79-101		0.4	0.7	7.4	8.1	5.5	3.3	1.1	0	0	0	0
102-123		0	0.7	4.8	4.4	5.1	1.1	1.8	0	0	0	0
124-146		0	0.4	2.9	1.1	0.7	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0	0	0	0	0	0	0	0	0	0
192-213		0	0	0.4	0	0	0	0	0	0	0	0
214-236		0.7	0	0	0	0	0	0	0	0	0	0
237-258		0	0	0.4	0.4	0	0	0	0	0	0	0
259-281		0	0.4	1.1	1.1	0	0	0	0	0	0	0
282-303		0	0	2.6	0.7	0	0	0	0	0	0	0
304-326		0.4	0.4	1.8	2.9	2.6	0.4	0	0	0	0	0
327-348		0	0.7	3.7	2.9	1.5	0.7	0	0	0	0	0

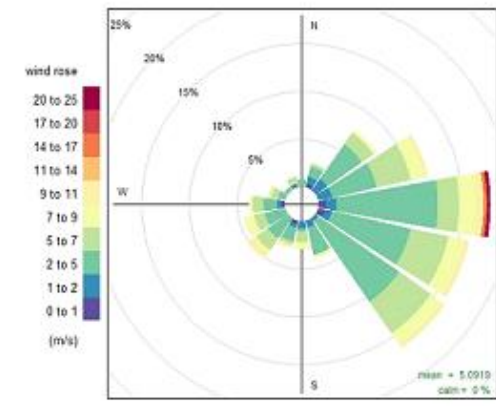


Frequency of counts by wind direction (%)

Goa

January 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.7	0	0	0	0	0	0	0	0	0
12-33	0.4	0.7	1.1	0.4	0	0	0	0	0	0	0	0
34-56	0	1.5	4.4	1.5	0.4	0	0	0	0	0	0	0
57-78	0	1.5	4.8	3.7	1.5	0.4	0	0	0	0	0	0
79-101	0.7	1.1	10.7	2.2	1.8	0.7	0	0.4	0	0	0.4	0
102-123	0.7	0.7	8.5	4	1.8	0.4	0	0	0	0	0	0
124-146	0	0.4	10.3	4	1.5	0.4	0	0	0	0	0	0
147-168	0	0.4	2.9	0	0.4	0	0	0	0	0	0	0
168-191	0	1.1	0.4	1.1	0.7	0	0	0	0	0	0	0
192-213	0.4	0.4	1.5	0.4	0	0.4	0	0	0	0	0	0
214-236	0	0	2.6	1.5	0.4	0.7	0	0	0	0	0	0
237-258	0	0	2.2	1.1	1.1	0	0	0	0	0	0	0
259-281	0.4	0.4	1.5	1.1	0.4	0	0	0	0	0	0	0
282-303	0	0	0.7	0.7	0	0.4	0	0	0	0	0	0
304-326	0	0	0.4	0	0	0	0	0	0	0	0	0
327-348	0	0.4	0	0.7	0	0	0	0	0	0	0	0

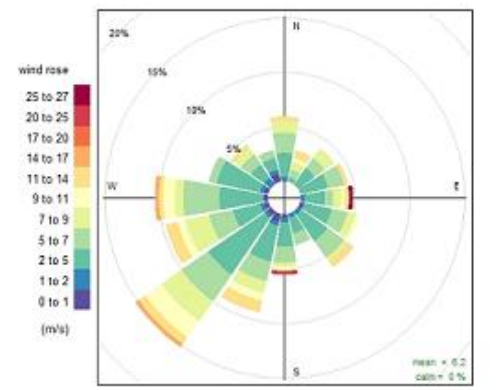


Frequency of counts by wind direction (%)

Goa

January 700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	2.2	1.9	1.1	0	0.4	0	0	0	0	0
12-33	0	0	0.4	0.7	0.7	0.4	0.7	0	0	0	0	0
34-56	0	0	1.9	1.1	1.1	0	0	0	0	0	0	0
57-78	0	0	2.6	1.5	0	0	0.4	0	0	0	0	0
79-101	0	0.4	1.9	0.7	0.7	0.4	0.4	0	0	0	0	0.4
102-123	0.4	0	2.6	1.5	0.7	0.4	0	0	0	0	0	0
124-146	0	0.4	3	1.9	0.4	0	0.7	0	0	0	0	0
147-168	0	0.4	1.5	1.1	0	0	0	0	0	0	0	0
168-191	0.4	0.4	2.2	1.5	0.4	0.4	0	0	0	0	0.4	0
192-213	0.7	0.4	3.3	1.9	1.1	0.7	1.1	0	0	0	0	0
214-236	0.4	0.4	6.3	3	2.2	1.9	0.7	0.4	0	0	0	0
237-258	0.4	0.4	2.6	2.2	2.2	0.7	1.1	0	0	0	0	0
259-281	0.4	0	4.1	3.3	0.7	1.1	0.4	0.4	0	0	0	0
282-303	0.4	0.4	4.1	0.7	0	0	0	0	0	0	0	0
304-326	0	0.7	1.5	1.1	0.7	0	0.4	0	0	0	0	0
327-348	0.7	0.4	1.1	0.7	0	0	0	0	0	0	0	0

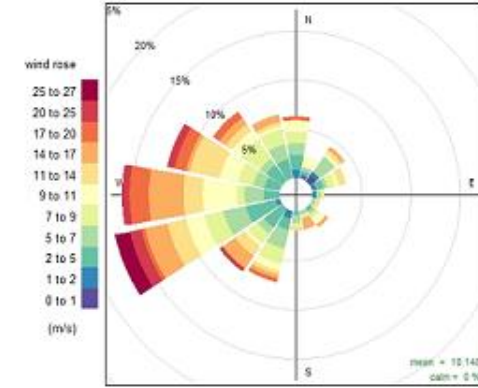


Frequency of counts by wind direction (%)

Goa

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	0.8	1.6	1.2	1.2	1.2	1.2	0	0	0.4	0	0
12-33	0	0.4	0.4	0.4	0	1.2	0	0	0	0	0	0
34-56	0.8	0.4	0	2	0	0.4	0.4	0.4	0	0	0	0
57-78	0	0.4	0.8	0.4	0.8	0.4	0.8	0	0	0	0	0
79-101	0	0.4	0	0.4	0.4	0	0	0	0	0	0	0
102-123	0	0	0	0.4	0	0	0.4	0	0	0	0	0
124-146	0	0	0.4	0.4	0.4	0.8	0	0.4	0	0	0	0
147-168	0	0	0	0.4	0	0	0	1.2	0	0	0	0
168-191	0	0	0.4	0.8	0.8	0	0.4	0	0	0	0	0
192-213	0	0.8	1.2	2	1.6	0.8	0.4	0.4	0.4	0	0	0
214-236	0	0	2.3	0.8	1.2	0.4	1.2	1.6	0	0.4	0	0
237-258	0	0.4	3.1	2.3	2	2	2	2.3	0.4	1.2	1.6	0
259-281	0	0	1.6	2	0.8	3.5	2	3.5	2	0.8	0	0
282-303	0	0	1.6	1.2	1.6	2	3.1	0.4	1.2	0.8	0	0
304-326	0	0	2	0.8	2.3	1.2	0.8	0.8	0.8	0	0	0
327-348	0	0	2	1.6	1.6	0.4	0.4	0.8	0	0	0	0

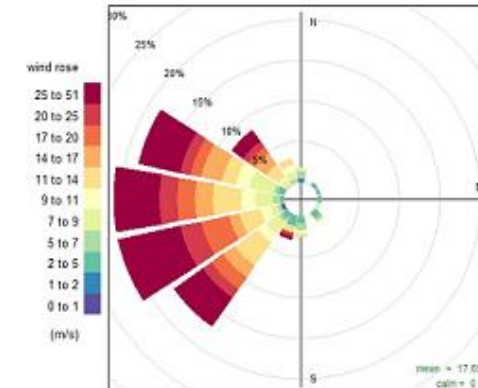


Frequency of counts by wind direction (%)

Goa

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	0.4	0	0.9	0.4	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0.4	0	0	0	0	0	0	0	0	0
57-78	0	0	0.4	0	0	0	0	0	0	0	0	0
79-101	0	0	0.4	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0.4	0	0	0	0	0	0	0
124-146	0	0	0.9	0.4	0	0.4	0	0	0	0	0	0
147-168	0	0	0	0	0	0.4	0	0	0	0	0	0
168-191	0	0	0.9	0.9	0	0.4	0.4	0	0	0	0	0
192-213	0	0	1.3	0	0	0	0.9	0	0	0.4	0.4	0
214-236	0	0	0.9	0.4	1.7	1.3	3.5	1.7	1.7	1.3	4.4	0
237-258	0.4	0	0	0.4	0.9	1.3	2.6	1.3	3.5	2.6	7.9	0
259-281	0	0	0.4	0.9	2.2	1.7	3.5	2.2	2.2	2.2	2.2	5.7
282-303	0	0	0.9	0.4	3.1	1.7	1.7	2.6	1.3	1.3	5.2	0
304-326	0	0	0	0	0.9	0.4	1.7	1.7	0.9	0.9	1.7	0
327-348	0	0	0	0.4	0.9	0.9	0.9	0	0	0	0	0

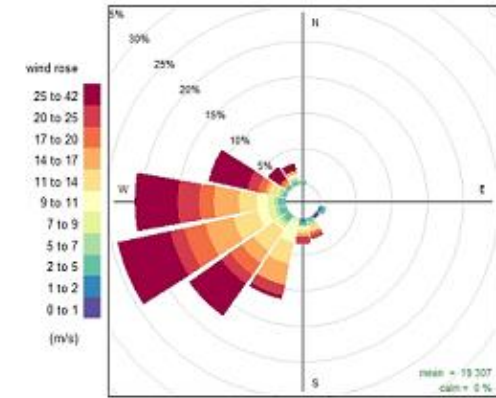


Frequency of counts by wind direction (%)

Goa

January 200 hPa level

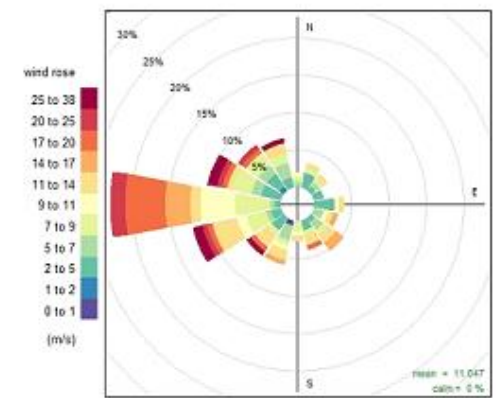
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.5	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0.5	0.5	0	0	0	0	0	0	0	0	0
124-146	0.5	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0.5	0.5	0	0	0	1	0	0.5	0	0
168-191	0	0.5	0.5	0	0	0	0.5	0.5	0.5	0	1.5	0
192-213	0	0	0	0	0	0.5	3	3	3	0	1.5	0.5
214-236	0	0	1	0.5	0.5	0.5	3.5	2	2	1.5	5.5	0
237-258	0	0	1	0.5	1	1.5	3.5	4	3	2	7.5	0
259-281	0	0	1	0.5	1	1.5	2.5	3.5	2	3	6	0
282-303	0	0	0.5	0.5	0.5	0	1	0.5	1	1.5	5.5	0
304-326	0	0	0.5	0	0	0	0	0.5	0.5	0	2	0
327-348	0	0	0.5	0.5	0	0.5	0	0.5	0	0	0	1



Goa

January 100 hPa level

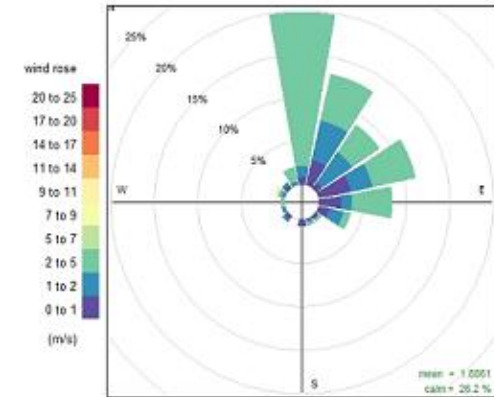
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0.7	0.7	0.7	0	0	0	0	0
12-33	0	0	0	2	0	0.7	0	0.7	0	0	0	0
34-56	0	0	0.7	0.7	0.7	0	0.7	0	0	0	0	0
57-78	0	0	1.3	0	0	0	0	0	0	0	0	0
79-101	0	0	2.7	0	0	0.7	0.7	0	0	0	0	0
102-123	0	0	0	1.3	0	0.7	0.7	0.7	0	0	0	0
124-146	0	0	0.7	1.3	0.7	0	1.3	1.3	0	0	0	0
147-168	0	0	1.3	0	0	0	1.3	0	0.7	0	0	0
168-191	0	0	0	0	0	2	0.7	0.7	0	0	0	0
192-213	0.7	0	0	2	0.7	0.7	1.3	0.7	0	0	0	0
214-236	0	0	2	0	0.7	0	2	0	0.7	0	0	0.7
237-258	0	0	1.3	0.7	2.7	1.3	3.4	0	0.7	0.7	1.3	0
259-281	0	0	0.7	0.7	4.7	4.7	1.3	3.4	5.4	2	0	0
282-303	0	0	2.7	1.3	2.7	0	0.7	0	0.7	0.7	1.3	0
304-326	0	0.7	2	1.3	2	0	0	0	0.7	0.7	0	0
327-348	0	0	1.3	2	1.3	0	1.3	0	0	0	0	0.7



Goa

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	26	0.8	1.3	17.7	0	0	0	0	0	0	0	0
12-33		3	4.6	5.5	0	0	0	0	0	0	0	0
34-56		0.8	4.2	3.8	0	0	0	0	0	0	0	0
57-78		3.8	2.5	5.1	0	0	0	0	0	0	0	0
79-101		2.5	1.3	4.6	0	0	0	0	0	0	0	0
102-123		1.3	1.7	0.8	0	0	0	0	0	0	0	0
124-146		0.4	0	0.4	0	0	0	0	0	0	0	0
147-168		0	0.4	0.4	0	0	0	0	0	0	0	0
168-191		0.8	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		0.4	0.4	0	0	0	0	0	0	0	0	0
237-258		0	0.4	0	0	0	0	0	0	0	0	0
259-281		0	0	0.4	0	0	0	0	0	0	0	0
282-303		0	0.4	0.4	0	0.4	0	0	0	0	0	0
304-326		0.4	0.4	0	0	0	0	0	0	0	0	0
327-348		0	0.4	1.7	0	0	0	0	0	0	0	0

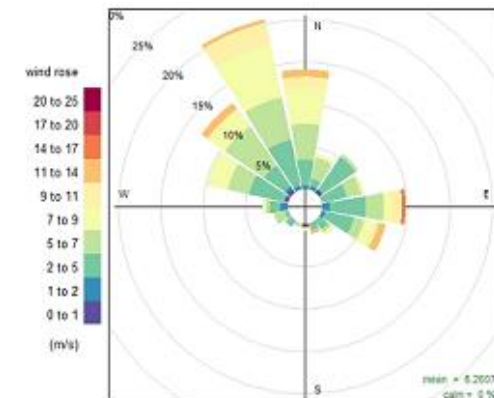


Frequency of counts by wind direction (%)

Goa

February 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.4	3	4.3	4.3	1.3	0.9	0	0	0	0
12-33		0	0.4	0.9	2.6	0.4	0	0	0	0	0	0
34-56		0.4	0	4.7	0.4	0	0	0	0	0	0	0
57-78		0	0	3	1.7	0.4	0	0	0	0	0	0
79-101		0	0.9	4.3	2.1	0.9	1.3	0	0.4	0	0	0
102-123		0	0.4	3.4	1.3	1.3	0.4	0.9	0	0	0	0
124-146		0	0	1.3	0.4	0.4	0	0	0	0	0	0
147-168		0	0	0.9	0	0	0	0.4	0	0	0	0
168-191		0.4	0	0	0	0.4	0	0	0	0	0	0
192-213		0	0	0	0.4	0	0	0	0	0	0	0
214-236		0	0	0.9	0	0	0	0	0	0	0	0
237-258		0	0	0.4	1.3	0	0	0	0	0	0	0
259-281		0	0.9	1.3	0.4	0.4	0	0	0	0	0	0
282-303		0.4	0	4.3	2.6	2.6	0	0	0	0	0	0
304-326		0.4	0.4	3	5.6	2.1	0.4	0.9	0	0	0	0
327-348		0	0.4	5.6	5.1	6.4	2.6	0.4	0	0	0	0

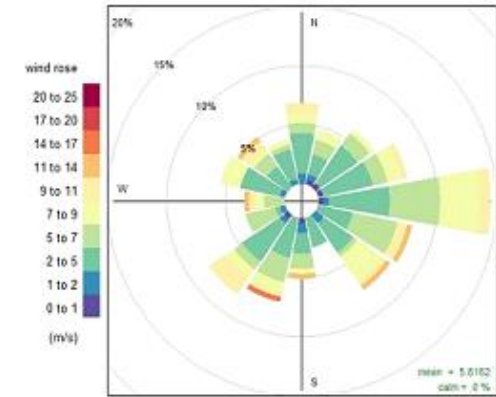


Frequency of counts by wind direction (%)

Goa

February 850 hPa level

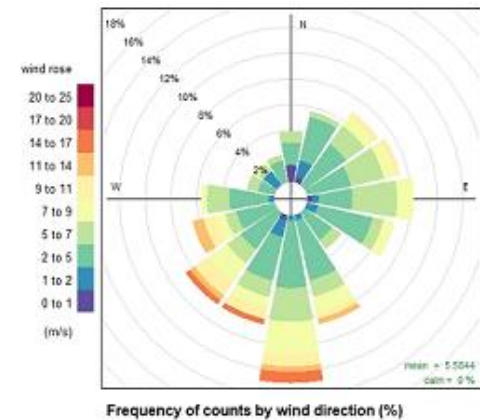
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.9	3.4	0.9	0.9	0.9	0	0	0	0	0	0
12-33	0.4	0.4	1.7	1.3	0.9	0	0	0	0	0	0	0
34-56	0.4	0	3.8	1.3	0.4	0	0	0	0	0	0	0
57-78	0.4	0	4.3	1.3	1.3	0.4	0	0	0	0	0	0
79-101	0.4	0.4	5.1	4.3	3.4	0.9	0	0	0	0	0	0
102-123	0	0	3	3.8	0	0.9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



Goa

February 700 hPa level

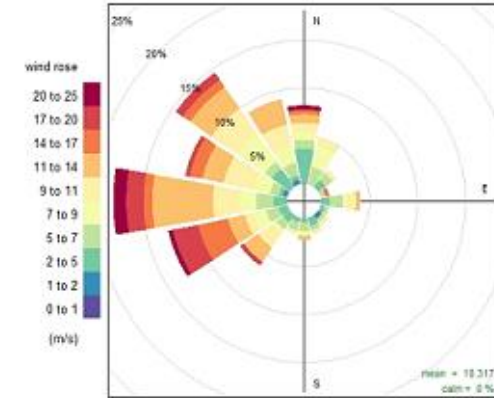
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	1.3	0	1.7	0.9	0	0	0	0	0	0	0	0
12-33	0.4	1.3	3.5	0.4	0	0	0	0	0	0	0	0
34-56	0	0	3.9	1.7	0.9	0.4	0	0	0	0	0	0
57-78	0	0	3.5	2.6	0.9	0.4	0	0	0	0	0	0
79-101	0.4	0.4	2.6	3.5	1.3	0	0	0	0	0	0	0
102-123	0	0.9	4.3	0.9	0.9	0	0	0	0	0	0	0
124-146	0	0	2.6	0.9	0	0	0	0	0	0	0	0
147-168	0	0.4	4.3	1.3	1.3	0.4	0.4	0	0	0	0	0
168-191	0	0.4	5.6	2.6	2.6	0.9	0.4	0.9	0	0	0	0
192-213	0.4	1.3	3.5	1.3	0.9	0.9	0	0.4	0	0	0	0
214-236	0	0	3.5	1.3	1.7	1.3	0.4	0.4	0	0	0	0
237-258	0	0	3	0.9	0.9	0.9	0.9	0	0	0	0	0
259-281	0	0.4	3	1.7	0.4	0	0	0	0	0	0	0
282-303	0	0	1.3	0.9	0	0	0	0	0	0	0	0
304-326	0	1.3	0	0.4	0.4	0	0	0	0	0	0	0
327-348	0	0	1.7	0.4	0	0	0	0	0	0	0	0



Goa

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	3.6	0.9	0.9	0.9	0.9	0.5	0	0.5	0
12-33		0	0	0	1.8	2.3	0.9	0	0	0	0	0
34-56		0	0	0.9	0.9	0	0.5	0	0	0	0	0
57-78		0	0	0	0.5	0	0	0	0.5	0	0	0
79-101		0	0	0.9	1.4	0.5	0.9	0.5	0	0	0	0
102-123		0	0	0.5	0.5	0	0	0	0	0	0	0
124-146		0	0.5	0	0.5	0	0.5	0	0	0	0	0
147-168		0	0	0.9	0.5	0	0.5	0	0	0	0	0
168-191		0	0	0.5	0.9	0.5	0	0.5	0	0	0	0
192-213		0	0	0.5	0.9	0.5	0	0	0	0	0	0
214-236		0	0	0.9	0.9	0.5	1.8	1.8	0	0.5	0	0
237-258		0	0	0.9	1.4	1.4	0.9	1.8	3.2	2.7	0.5	0
259-281		0	0	1.4	1.8	1.8	2.7	6.3	0.9	1.8	1.4	0
282-303		0	0.5	0.5	0.9	1.8	3.2	2.3	1.4	0.5	0	0
304-326		0	0	2.3	0.9	3.6	3.2	2.7	0.9	0.9	0	0
327-348		0	0.5	0.5	1.4	1.8	2.3	2.7	0	0	0	0

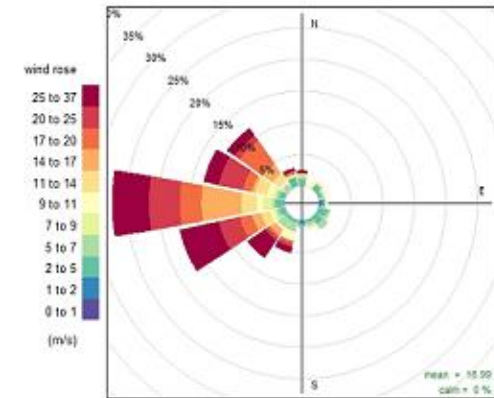


Frequency of counts by wind direction (%)

Goa

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	1	0.5	0	0	0.5	0	0	0	0.5
12-33		0	0	0	0	0	1	0	0	0	0	0
34-56		0	0	1	0	0	0	0.5	0	0	0	0
57-78		0	0	0.5	0.5	0	0.5	0	0	0	0	0
79-101		0	0.5	0.5	0	0	0.5	0	0	0	0	0
102-123		0	0	1.5	0.5	0	0	0	0	0	0	0
124-146		0	0	1.5	1	0	0	0	0	0	0	0
147-168		0	0	0.5	0.5	0.5	0	0	0	0	0	0
168-191		0	0.5	0.5	0	0	0	0	0	0	0	0
192-213		0	0	0.5	1.5	0	1.5	0	0	0.5	0.5	1
214-236		0	0	0.5	1.5	0	0.5	0	1	0.5	0.5	3.4
237-258		0	0	1	0.5	0.5	0.5	1.5	1.5	2	3.4	6.3
259-281		0	0	1.5	0.5	1.5	1	2.4	6.3	3.4	4.9	5.9
282-303		0	0	1	0.5	0.5	1	2	0.5	1.5	3.9	2.4
304-326		0	0	0	1	0	0.5	1.5	2	4.4	1	1.5
327-348	0	0	1.5	0	0.5	0	0	0	0.5	0	0.5	

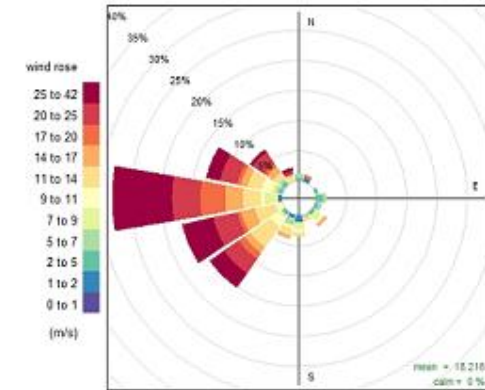


Frequency of counts by wind direction (%)

Goa

February 200 hPa level

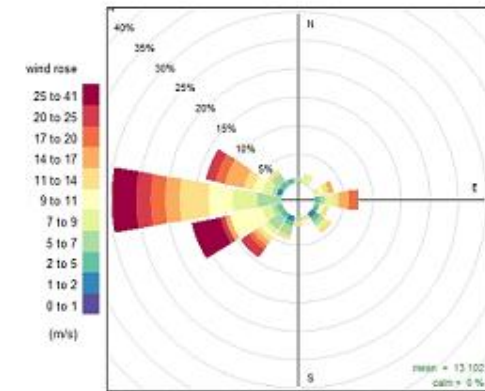
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.6	0.6	0	0	0	0	0	0	0	0
12-33	0	0.6	0	0	0	0	0	0	0	0.6	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0.6	0	0	0	0	0	0	0	0	0
79-101	0	0	1.2	0.6	0	0	0	0	0	0	0	0
102-123	0	0	0.6	0.6	0	0	0	0	0	0	0	0
124-146	0	0	0.6	0	1.2	0.6	0	0.6	0	0	0	0
147-168	0	0	0	0.6	0	0	0.6	0	0	0	0	0
168-191	0	1.2	0	0	1.2	0.6	0.6	0	0	0	0	0
192-213	0	0.6	0	1.2	0	0.6	1.2	0.6	0	0	0	0
214-236	0	0	0.6	0	0.6	1.8	4.1	1.2	1.2	2.9	2.9	0
237-258	0	0	0	0	0	1.2	3.5	2.3	0.6	4.1	5.3	0
259-281	0	0.6	0	0	2.3	0.6	2.9	2.9	4.1	4.7	9.9	0
282-303	0	0	0.6	0.6	0.6	1.8	2.3	1.2	0.6	2.9	2.3	0
304-326	0	0	0.6	0.6	0	0	1.2	1.2	0.6	2.3	0.6	0
327-348	0	0	0	0	0	0	1.2	0	0	0.6	0.6	0



Goa

February 100 hPa level

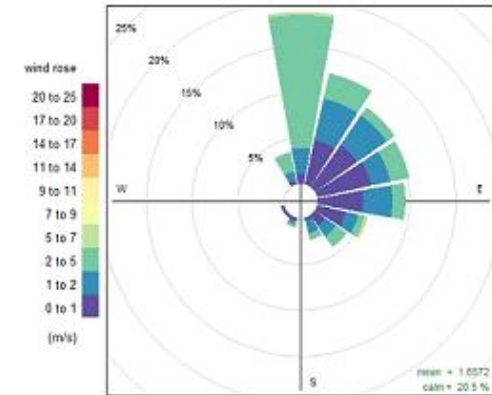
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.8	0	0	0	0	0	0	0	0
12-33	0	0	0	0	1.7	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0.8	0.8	0.8	0.8	0	0	0	0
79-101	0	0	0.8	0.8	1.7	0	0.8	1.7	1.7	0	0	0
102-123	0	0	0.8	0	0	0.8	0.8	0	0	0	0	0
124-146	0	0.8	0.8	0.8	0.8	0	0.8	0	0	0	0	0
147-168	0	0	0	0	0	0	0.8	0	0	0	0	0
168-191	0	0	0	0.8	0	0	0.8	0	0	0	0	0
192-213	0	0.8	0.8	1.7	0	0	0.8	0	0	0	0	0
214-236	0	0	0.8	2.5	0.8	0.8	0.8	0.8	0.8	1.7	0	0
237-258	0	0	0.8	0.8	1.7	5.9	0	0.8	0	0.8	5.1	0
259-281	0	0	0	4.2	4.2	4.2	5.1	2.5	2.5	2.5	4.2	0
282-303	0	0.8	0	0.8	1.7	1.7	1.7	3.4	1.7	1.7	0	0
304-326	0	0	0.8	1.7	0	0	0.8	0	0	0	0	0
327-348	0	0	0.8	0	0	0	0	0	0	0	0	0



Goa

March 1000 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	20	1.1	2.8	14.5	0.4	0	0	0	0	0	0	0
12-33		4.9	4.6	2.8	0	0	0	0	0	0	0	0
34-56		5.7	3.9	1.1	0	0	0	0	0	0	0	0
57-78		6	2.1	2.1	0	0	0	0	0	0	0	0
79-101		4.9	3.2	1.4	0	0	0	0	0	0	0	0
102-123		3.2	1.4	0.7	0.4	0	0	0	0	0	0	0
124-146		1.4	1.4	1.4	0	0	0	0	0	0	0	0
147-168		0.4	1.4	0.7	0	0	0	0	0	0	0	0
168-191		0	0	0.4	0	0	0	0	0	0	0	0
192-213		0.4	0.4	0.4	0	0	0	0	0	0	0	0
214-236		0.4	0	0	0	0	0	0	0	0	0	0
237-258		0.4	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		0.4	1.1	2.1	0	0	0	0	0	0	0	0

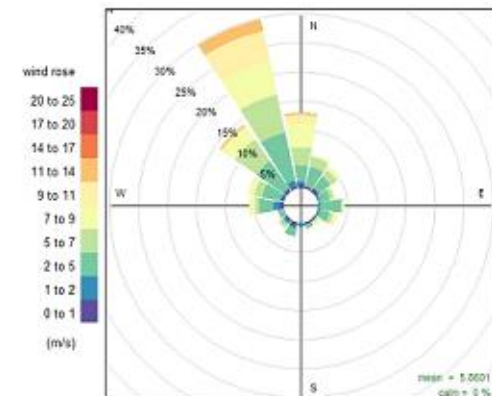


Frequency of counts by wind direction (%)

Goa

March 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	0.3	2.8	3.1	4.2	1.4	0.3	0	0	0	0
12-33		0.3	0	3.5	1.7	0.3	0	0	0	0	0	0
34-56		0.7	0	2.4	1.4	0.7	0	0	0	0	0	0
57-78		0	0.3	1.7	0.7	0.3	0	0	0	0	0	0
79-101		0	0.3	3.5	0.3	0.3	0	0	0	0	0	0
102-123		0	0.3	1.7	0.7	0.7	0	0	0	0	0	0
124-146		0.3	0	0	0.3	0.7	0	0	0	0	0	0
147-168		0.3	0	0.7	0	0	0.3	0	0	0	0	0
168-191		0	0.7	0	0	0	0	0	0	0	0	0
192-213		0.7	0.3	1.4	0	0	0	0	0	0	0	0
214-236		0.3	0.3	0.3	0.7	0	0	0	0	0	0	0
237-258		0	0	1	0	0	0	0	0	0	0	0
259-281		0.7	1	2.4	0.7	1	0	0	0	0	0	0
282-303		0.3	0.3	3.1	1.4	1	0	0	0	0	0	0
304-326		0.3	0.3	5.6	4.5	2.4	0.3	0.3	0	0	0	0
327-348		0.3	1	8.4	6.6	5.9	5.2	2.1	0	0	0	0

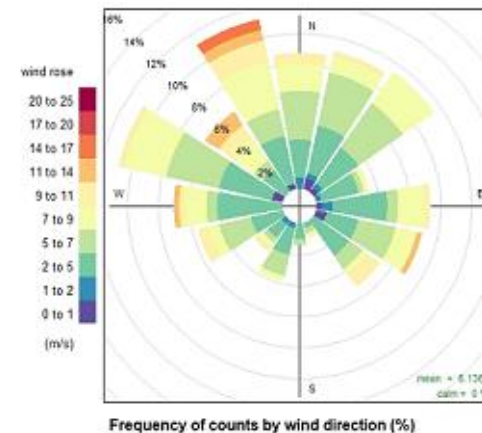


Frequency of counts by wind direction (%)

Goa

March 850 hPa level

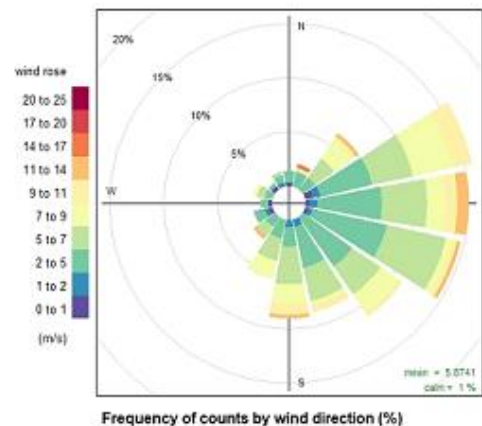
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	2.4	3.1	1.7	0.7	0	0	0	0	0	0
12-33	0.7	0.3	3.1	3.5	1	0.3	0	0	0	0	0	0
34-56	0.3	0.3	2.8	3.5	2.4	0	0	0	0	0	0	0
57-78	0	0.3	2.4	0.3	0.3	0	0	0	0	0	0	0
79-101	0.3	0.7	3.5	0.7	1.7	0.3	0	0	0	0	0	0
102-123	0.7	0	2.1	2.4	1.4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



Goa

March 700 hPa level

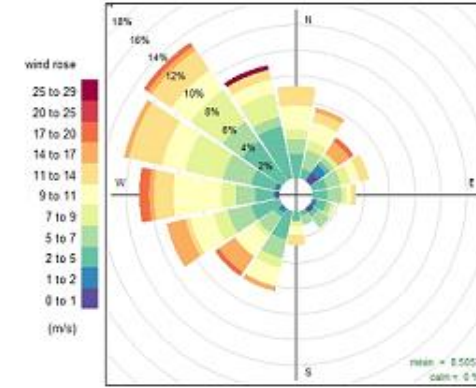
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0.3	0	1	0	0	0	0	0	0	0	0	0
12-33	0	0	1.4	0	0	0.3	0	0.3	0	0	0	0
34-56	0	0	1.4	2.1	2.1	0.3	0.3	0	0	0	0	0
57-78	0.7	0.7	4.9	3.8	3.8	1.7	0	0	0	0	0	0
79-101	0.3	0.7	5.9	4.2	1.7	1	1	0	0	0	0	0
102-123	0.3	0.3	7	5.6	0.7	0.3	0.3	0	0	0	0	0
124-146	0	0	5.6	3.1	2.1	0.3	0	0	0	0	0	0
147-168	0	0.7	3.8	2.4	0.3	0.7	0	0	0	0	0	0
168-191	0	0.7	1.7	4.2	1.7	1	0.3	0	0	0	0	0
192-213	0	0	1.7	2.1	1.7	0	0	0	0	0	0	0
214-236	0	0	1	1	0	0	0.3	0	0	0	0	0
237-258	0.3	0.3	1	0	0	0	0	0	0	0	0	0
259-281	0.3	0	0.7	0	0	0	0	0	0	0	0	0
282-303	0	0	0.7	0.7	0.3	0	0	0	0	0	0	0
304-326	0.3	0	0.3	0	0	0	0	0	0	0	0	0
327-348	0	0.3	0.7	0.3	0	0	0	0	0	0	0	0



Goa

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	1.9	1.1	0.8	1.9	1.5	0	0	0	0	0
12-33	0	0	0.8	1.5	0.8	1.5	0.8	0.4	0	0	0	0
34-56	0.8	0.8	0.4	0.4	0.4	0	0	0	1.1	0.4	0	0
57-78	0	0	1.1	1.1	0.8	0.8	0.8	0	0	0	0	0
79-101	0	0	1.1	1.1	0.4	0.4	0.4	0	0	0	0	0
102-123	0	0.4	0.8	0.4	0.4	0	0	0	0	0	0	0
124-146	0.4	0	0.4	1.1	0	0	0	0	0	0	0	0
147-168	0	0	0.4	0.8	0	0	0	0	0	0	0	0
168-191	0	0	0.8	0	0.4	0.8	0.8	0	0	0	0	0
192-213	0	0	2.3	1.5	0.8	1.5	0	0.4	0	0	0	0
214-236	0	0.4	0.4	1.5	0.4	1.9	0	1.5	0.4	0	0	0
237-258	0	0	2.3	1.9	1.1	1.9	0.4	1.5	0	0	0	0
259-281	0.4	0	1.5	1.5	1.1	3.8	1.5	0.4	0.8	0	0	0
282-303	0	0.4	1.9	2.3	3	1.9	2.6	0.4	0	0	0	0
304-326	0	0	3.8	1.9	3	1.9	1.9	0.4	0.4	0	0	0
327-348	0	0	4.2	0.8	1.9	1.1	0.8	0	0	0	0	0.4

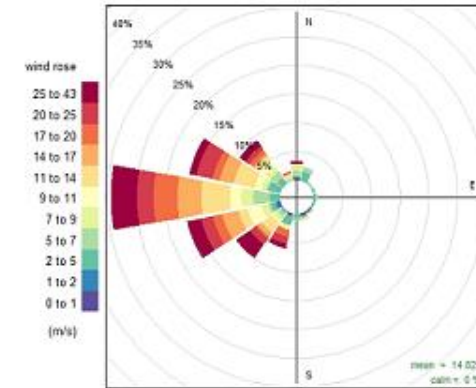


Frequency of counts by wind direction (%)

Goa

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	0.4	0	0.4	0.8	0.4	0	0.8	0	0	0	0	0.4
12-33	0	0	1.7	0.8	0	0	0	0	0	0	0	0
34-56	0	0	0	0.4	0	0	0	0	0	0	0	0
57-78	0	0	0.4	0	0	0	0	0	0	0	0	0
79-101	0	0	0.4	0.4	0	0	0	0	0	0	0	0
102-123	0	0	0.4	0	0	0	0	0	0	0	0	0
124-146	0	0.4	0	0	0	0	0.4	0	0	0	0	0
147-168	0.4	0	0.4	0	0	0	0.4	0	0	0	0	0
168-191	0	0	0.8	0.4	0	0	0	0	0	0	0	0
192-213	0.4	0	1.7	0	0.4	0.4	0	0	1.2	1.2	0.8	0
214-236	0	0	0.4	0.8	0.8	0.4	2.1	0.8	0.4	1.2	2.9	0
237-258	0.4	0.4	0.8	0.4	1.2	2.5	1.7	2.9	1.7	2.1	2.5	0
259-281	0	0	1.7	2.9	2.1	2.1	5	4.1	4.1	2.9	4.5	0
282-303	0	0	2.1	0.4	0.8	1.2	3.7	2.5	1.2	2.9	1.2	0
304-326	0	0	1.2	1.2	1.2	1.2	0.8	0.4	0.8	0.8	0.8	1.2
327-348	0	0	0	0.4	0.4	0	0.4	0	0.4	0	0	0

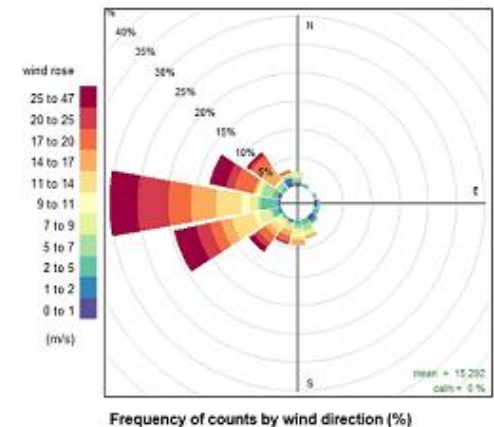


Frequency of counts by wind direction (%)

Goa

March 200 hPa level

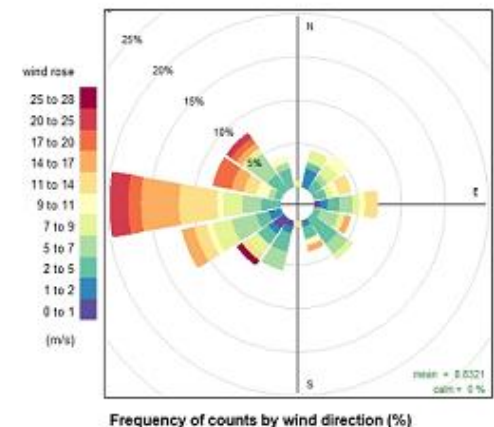
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.5	0	0.5	0.5	0.5	0	0.5	0	0	0	0
12-33		0	0	0.5	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0.5	0	0	0	0	0	0	0	0
79-101		0.5	0	0.5	0	0	0	0	0	0	0	0
102-123		0	0	1	0	0	0	0	0	0	0	0
124-146		0.5	0.5	0.5	0	0	0	0	0	0	0	0
147-168		0	0	1	1	1	0	0	0.5	0	0	0
168-191		0	0	1	0.5	1	0.5	0.5	1	0	0	0
192-213		0	0.5	0	0.5	0	0	1	1	1	0.5	0
214-236		0	0	0.5	0	0.5	1	1	1	1.5	1	1
237-258		0	0.5	1	0.5	2	1	4	2	2	2.5	4
259-281		0	0.5	3	0.5	1.5	1.5	4.5	4.5	4	5.4	5
282-303		0.5	0	1	2	0.5	0.5	0	0.5	3.5	1.5	3
304-326		0	0	0.5	1	0	0.5	0	3	2	0.5	0.5
327-348		0.5	1	0	0.5	0	0	0.5	0	0.5	0	0



Goa

March 100 hPa level

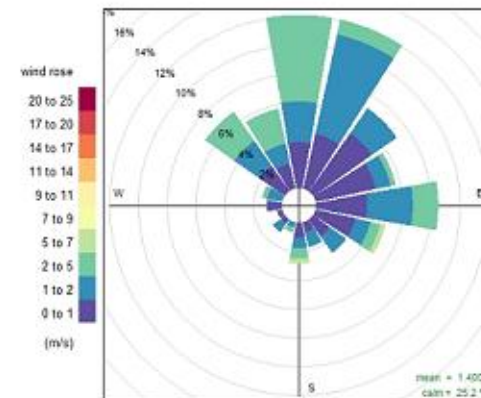
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0.7	0	0	0	0	0	0
12-33		0	2.2	0.7	0	1.5	0	0	0	0	0	0
34-56		0	0	1.5	0.7	1.5	1.5	0	0	0	0	0
57-78		0	0	1.5	0	0.7	0.7	1.5	0	0	0	0
79-101		0.7	0.7	1.5	1.5	0.7	0.7	1.5	0	0	0	0
102-123		0	0	0.7	2.2	0.7	0	0	0.7	0	0	0
124-146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



Goa

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	25	3.2	2.8	6	0	0	0	0	0	0	0	0
12-33		3.9	7.1	1.1	0	0	0	0	0	0	0	0
34-56		5	2.1	0	0	0	0	0	0	0	0	0
57-78		4.3	1.1	0.4	0	0	0	0	0	0	0	0
79-101		3.5	3.2	1.8	0	0	0	0	0	0	0	0
102-123		2.8	1.1	0.7	0.4	0	0	0	0	0	0	0
124-146		1.4	1.4	0	0	0	0	0	0	0	0	0
147-168		0.7	1.1	0	0	0	0	0	0	0	0	0
168-191		1.1	0.7	0.7	0.4	0	0	0	0	0	0	0
192-213		0	0.4	0.4	0	0	0	0	0	0	0	0
214-236		0.4	0.7	0	0	0	0	0	0	0	0	0
237-258		0.4	0	0	0	0	0	0	0	0	0	0
259-281		1.1	0	0	0	0	0	0	0	0	0	0
282-303		0	1.1	0.4	0	0	0	0	0	0	0	0
304-326		2.1	2.1	2.5	0	0	0	0	0	0	0	0
327-348		1.8	1.4	2.5	0	0	0	0	0	0	0	0

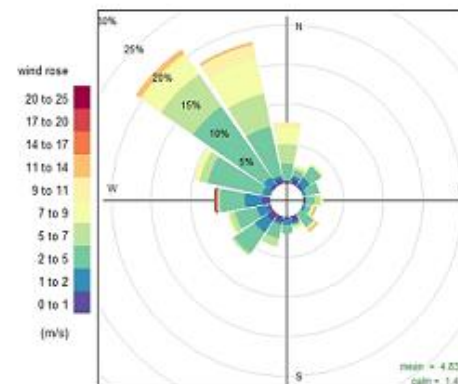


Frequency of counts by wind direction (%)

Goa

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	0.4	0	2.1	2.5	2.1	0.7	0	0	0	0	0
12-33		0.7	0.4	0.7	0.4	0.4	0	0	0	0	0	0
34-56		0.4	1.1	1.8	0	0.4	0	0	0	0	0	0
57-78		0	0.4	1.8	0	0	0	0	0	0	0	0
79-101		0.4	0	1.1	0.7	0.4	0	0	0	0	0	0
102-123		0	0.4	0.7	0	0.4	0	0.4	0	0	0	0
124-146		0	0	2.1	0	0.4	0	0.4	0	0	0	0
147-168		0.4	0.4	0	0.4	0.4	0	0	0	0	0	0
168-191		0.7	0.7	1.1	0	0	0	0	0	0	0	0
192-213		0.7	0.4	1.8	1.1	0	0	0	0	0	0	0
214-236		1.1	1.8	3.2	0.4	0	0	0	0	0	0	0
237-258		0.4	1.4	2.8	0.7	0.4	0	0	0	0	0	0
259-281		1.1	2.1	3.2	0.4	0	0	0	0	0.4	0	0
282-303		0	1.1	7	1.1	0.7	0	0	0	0	0	0
304-326		0.4	1.1	10.9	4.9	2.8	0.4	0.7	0	0	0	0
327-348	0.7	0.4	6.3	4.2	4.6	1.8	0.4	0	0	0	0	

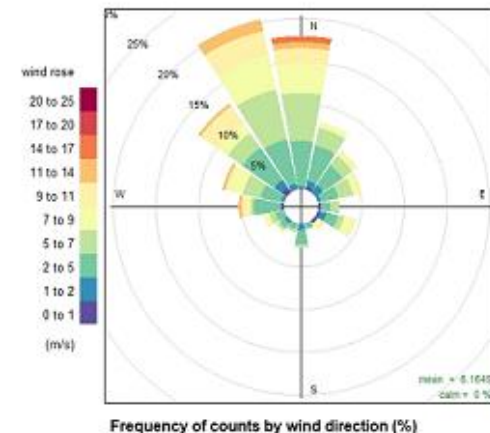


Frequency of counts by wind direction (%)

Goa

April 850 hPa level

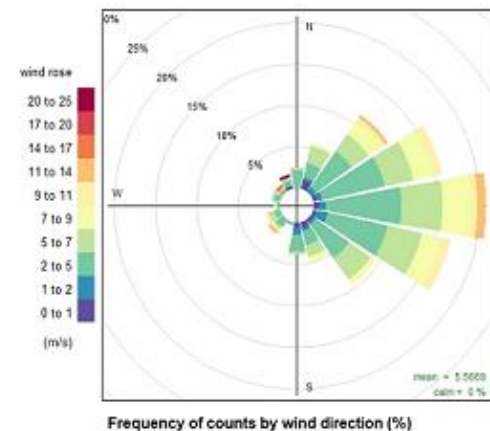
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	5.3	5.6	3.2	1.8	0.7	0.7	0	0	0	0
12-33	0.4	0.7	4.2	2.1	0.7	0	0	0	0	0	0	0
34-56	0	1.1	2.8	1.4	0.4	0.4	0	0	0	0	0	0
57-78	0	0.4	2.1	1.8	0.7	0.4	0	0	0	0	0	0
79-101	0.4	0	1.1	1.1	0	0	0	0	0	0	0	0
102-123	0.4	0.7	1.4	0.7	1.1	0.4	0	0	0	0	0	0
124-146	0.4	0	0	0	0.7	0.4	0	0	0	0	0	0
147-168	0	0	0.7	0	0	0	0	0	0	0	0	0
168-191	0	0.7	1.8	0.4	0	0	0	0	0	0	0	0
192-213	0	0	0.7	0.4	0	0	0	0	0	0	0	0
214-236	0	0.4	0.7	0.4	0.4	0	0	0	0	0	0	0
237-258	0	0	1.1	0.7	0.7	0	0	0	0	0	0	0
259-281	0.4	0	3.2	0.4	0.4	0.7	0.4	0	0	0	0	0
282-303	0	0.4	2.5	2.1	1.8	0.4	0.4	0	0	0	0	0
304-326	0.7	1.1	4.6	2.1	1.4	2.5	0.4	0	0	0	0	0
327-348	0	0.7	5.3	6	4.2	2.8	1.4	0	0	0	0	0



Goa

April 700 hPa level

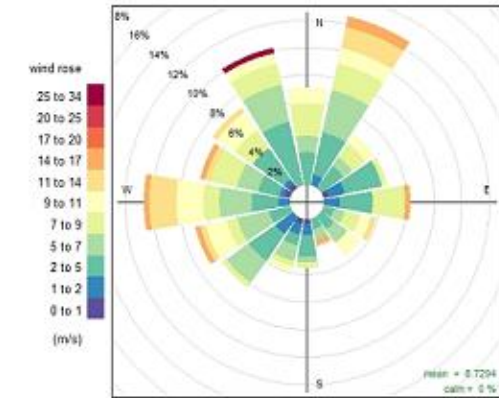
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	2.1	0.4	0	0	0	0	0	0	0	0
12-33	1.1	0.4	1.8	2.1	0.4	0	0	0	0	0	0	0
34-56	0	0.7	5.3	2.5	1.8	0.7	0.4	0	0	0	0	0
57-78	0.4	0.7	7.7	3.5	2.5	1.1	0	0	0	0	0	0
79-101	0.7	0.7	9.2	4.9	3.5	0.7	1.1	0	0	0	0	0
102-123	0.4	1.4	7.4	4.2	2.5	1.1	0	0	0	0	0	0
124-146	0.4	0.4	4.9	3.2	0.7	0	0	0	0	0	0	0
147-168	0.7	0.4	1.8	1.4	0.4	0	0	0	0	0	0	0
168-191	0.7	0.7	2.1	0.4	0.4	0	0	0	0	0	0	0
192-213	0	0	0.4	0	0	0	0	0	0	0	0	0
214-236	0	0	1.1	0.4	0	0.4	0.4	0	0	0	0	0
237-258	0	0	0.7	0.7	0	0.4	0	0	0	0	0	0
259-281	0	0	0.4	0	0.4	0	0	0	0	0	0	0
282-303	0	0	0.7	0.4	0	0	0	0	0	0	0	0
304-326	0	0	0.4	0	0	0	0.4	0.4	0	0	0	0
327-348	0.4	0	0.7	0.4	0	0	0	0	0	0	0.4	0



Goa

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	0.7	1.4	0	0	0.3	0	0	0	0	0	0
12-33	0.3	0	3.1	0.3	0.3	0.3	0	0	0	0	0	0
34-56	0.3	0.3	5.6	2.8	1.4	0	0	0	0	0	0	0
57-78	0.7	1.4	5.6	3.1	2.8	2.4	2.1	0	0	0	0	0
79-101	0	0.7	3.1	3.5	4.5	3.1	1.4	0.3	0.3	0	0	0
102-123	0.7	0.3	5.6	2.1	3.1	0.3	0.7	0.3	0	0	0	0
124-146	0.3	0.7	1.4	2.1	0.7	0.3	0	0	0	0	0	0
147-168	0.3	0.7	2.4	0.3	0.3	0.3	0	0	0	0	0	0
168-191	0	0	2.8	0.7	0	0	0	0	0	0	0	0
192-213	0.3	0	1.4	0.3	0	0.3	0	0.3	0	0	0	0
214-236	0.7	1	1	0.3	0.3	0	0.3	0	0	0	0	0
237-258	0	0	0.7	1	0.7	0	0.7	0	0	0	0	0
259-281	0	0.3	1.7	0	0	0	0.3	0	0	0	0	0
282-303	0	0.3	1	0.7	0	0	0	0	0	0	0	0
304-326	0.3	0.7	0.7	0.3	0.3	0	0	0	0	0	0	0
327-348	0.7	0.3	1.7	0.3	0.3	0	0	0	0	0	0	0

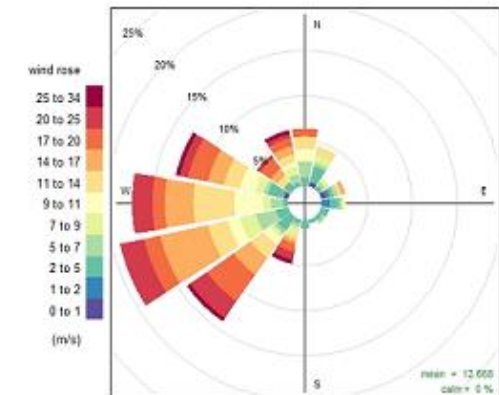


Frequency of counts by wind direction (%)

Goa

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	0.9	1.8	0	1.4	1.4	0	0.9	0	0	0
12-33	0.5	0	1.8	0.5	0.9	0	0.9	0	0	0	0	0
34-56	0	0	0.5	0.5	0.5	0	0	0	0	0	0	0
57-78	0.5	0.5	0.5	0.5	0	0	0.5	0.5	0	0	0	0
79-101	0	0.9	0.9	0.5	0	0.5	0	0	0	0	0	0
102-123	0	0	0.9	0	0	0	0	0	0	0	0	0
124-146	0	0	0.5	0.5	0	0	0	0	0	0	0	0
147-168	0	0	0.5	0	0	0	0	0	0	0	0	0
168-191	0	0	0.9	0	0	0	0	0	0	0	0	0
192-213	0	0	0.5	0.5	0.9	0	0.5	0.5	0.9	0.9	0.5	0.5
214-236	0	0	1.8	0.5	0.5	0.9	1.8	2.3	3.6	2.3	0.5	0.5
237-258	0	0	1.4	2.3	1.8	1.4	2.3	5.5	1.8	2.7	0	0
259-281	0	0	0.5	1.4	0.9	3.2	4.5	3.2	1.4	2.3	0	0
282-303	0.5	0	1.8	0.5	0.9	1.8	1.8	1.8	2.3	0.9	0.5	0.5
304-326	0	0	0.9	0	0	0	0.9	0.9	1.4	0.5	0	0
327-348	0	0	0.5	0.9	0.9	0.5	0.9	0.9	0.9	0.5	0.5	0.5

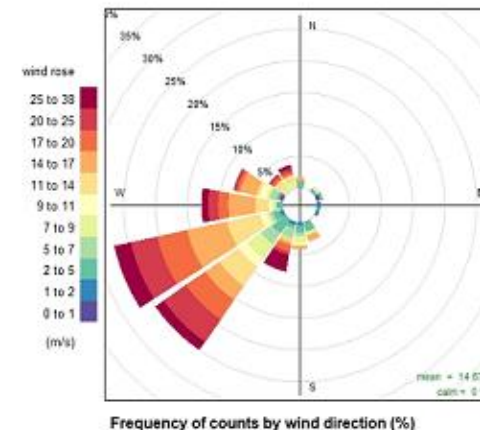


Frequency of counts by wind direction (%)

Goa

April 200 hPa level

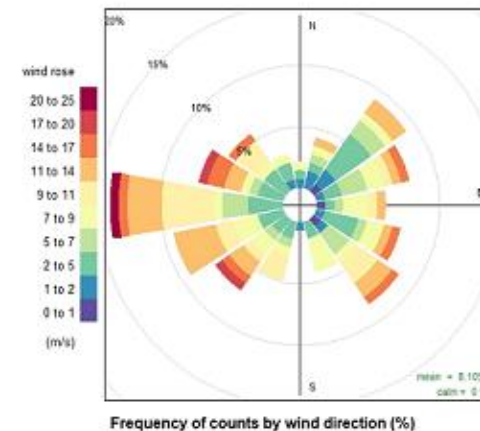
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.1	0	0	0	0	0	0.5	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0.5	0	0.5	0	0	0	0	0	0	0
57-78	0.5	0	0.5	0	0	0	0	0	0	0	0	0
79-101	0	0.5	0	0	0	0	0	0	0	0	0	0
102-123	0	0.5	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	1.6	0	0.5	0	0	0.5	0	0	0	0
168-191	0	0.5	1.1	0.5	1.1	0.5	0	1.1	0	0	0	0
192-213	0	0.5	0.5	1.6	0	0	0.5	0.5	1.1	0.5	2.7	0
214-236	0	0	2.7	2.1	2.7	1.6	3.7	2.7	3.7	4.3	1.6	0
237-258	0	0.5	1.1	0.5	0.5	1.1	5.3	6.4	4.8	4.3	2.7	0
259-281	0	0	1.1	0	0.5	0.5	2.1	4.3	1.6	1.6	1.1	0
282-303	0.5	0	0.5	1.1	0.5	1.1	0.5	2.7	0.5	0.5	0	0
304-326	0	0	0	0	0.5	0	1.6	0	0.5	0.5	0	0
327-348	0	0	0	0	1.1	0	1.1	0	0.5	0.5	0.5	0



Goa

April 100 hPa level

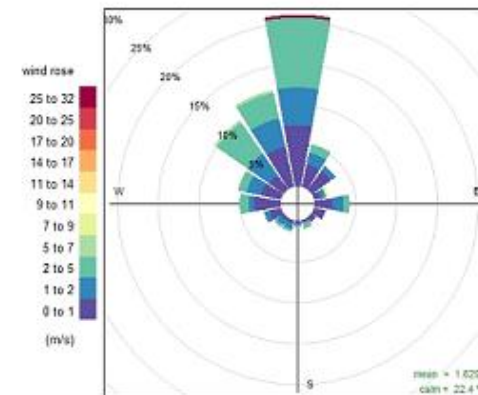
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.7	0.7	0	0.7	0	0	0	0	0	0	0
12-33	0	1.4	0.7	0.7	0.7	0	0.7	0	0	0	0	0
34-56	0.7	1.4	3.5	1.4	0.7	0	1.4	0	0	0	0	0
57-78	0	0.7	1.4	2.1	1.4	0.7	0.7	0.7	0	0	0	0
79-101	0.7	0	0.7	0.7	2.1	0.7	0.7	0	0	0	0	0
102-123	0	0.7	2.8	0.7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



Goa

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	22	7.5	4.6	8.5	0	0	0	0	0	0	0	0.4
12-33		2.8	1.4	1.1	0	0	0	0	0	0	0	0
34-56		2.8	0.7	0	0	0	0	0	0	0	0	0
57-78		0.7	0.7	0	0	0.4	0	0	0	0	0	0
79-101		2.1	1.4	0.7	0	0	0	0	0	0	0	0
102-123		1.4	0	0	0	0	0	0	0	0	0	0
124-146		0.7	0	0	0	0	0	0	0	0	0	0
147-168		0.4	0	0.7	0	0	0	0	0	0	0	0
168-191		0.4	0.4	0	0	0	0	0	0	0	0	0
192-213		0.4	0.7	0.4	0	0	0	0	0	0	0	0
214-236		0.4	0.7	0.4	0	0	0	0	0	0	0	0
237-258		1.4	0.7	0	0	0	0	0	0	0	0	0
259-281		3.2	0.7	1.1	0	0	0	0	0	0	0	0
282-303		2.5	1.8	1.1	0	0	0	0	0	0	0	0
304-326		2.1	3.2	4.6	0.4	0	0	0	0	0	0	0
327-348		5	3.6	3.2	0.4	0	0	0	0	0	0	0

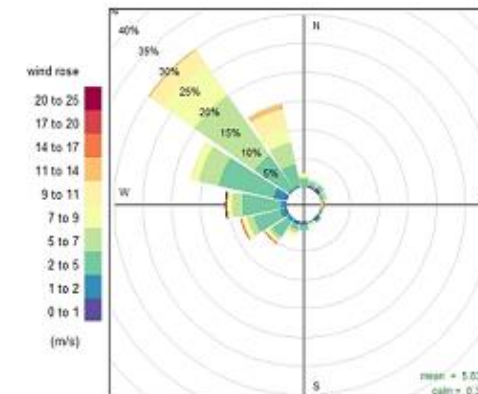


Frequency of counts by wind direction (%)

Goa

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	1.5	0.3	0.6	0	0	0	0	0	0
12-33		0.3	0	0.6	0.6	0	0	0	0	0	0	0
34-56		0.6	0	0.6	0.3	0	0	0	0	0	0	0
57-78		0	0	0.6	0.6	0	0	0	0	0	0	0
79-101		0	0	0	0.3	0	0	0	0.3	0	0	0
102-123		0	0.3	0	0.3	0	0	0	0	0	0	0
124-146		0.3	0.3	0.3	0	0	0	0	0	0	0	0
147-168		0	0	0.3	0.3	0	0.3	0	0	0	0	0
168-191		0.3	0.3	0.9	0	0	0	0	0	0	0	0
192-213		0.3	0.3	0.9	0.6	0.6	0	0	0	0	0	0
214-236		0	0.6	3.3	0.6	0.3	0.3	0	0.3	0	0	0
237-258		0.3	0.9	4.7	1.2	0.6	0.3	0	0.3	0	0	0
259-281		0	0.9	6.8	1.8	0.9	0	0	0	0	0.3	0
282-303		0.3	2.1	9.8	3.6	1.2	0.3	0	0	0	0	0
304-326		0	0.3	7.1	12.7	6.5	3	0.3	0	0	0	0
327-348		0	0.3	3.8	3.8	2.7	3.3	0.9	0	0	0	0

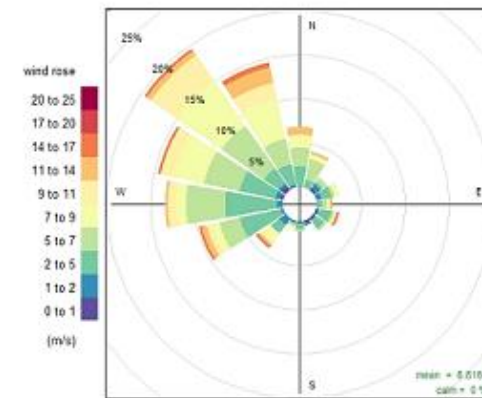


Frequency of counts by wind direction (%)

Goa

May 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	2.4	2.1	1.2	0.3	0.9	0	0	0	0	0
12-33	0	0	0.9	2.4	0.6	0	0.3	0	0	0	0	0
34-56	0.3	0.6	0.3	0.6	0	0	0	0	0	0	0	0
57-78	0	0.6	1.2	0.3	0.6	0	0	0	0	0	0	0
79-101	0	0	0.6	0.6	0.3	0	0.3	0	0	0	0	0
102-123	0.3	0	1.5	0.3	0.3	0	0	0.3	0	0	0	0
124-146	0.3	0	1.2	0.3	0	0	0	0	0	0	0	0
147-168	0.3	0.3	0	0	0	0	0	0	0	0	0	0
168-191	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
192-213	0	0.3	0	0.3	0	0.3	0	0	0	0	0	0
214-236	0	0.9	1.2	0	1.2	0.3	0.3	0.3	0	0	0	0
237-258	0	0.3	4.7	2.4	0.9	0.6	0.6	0.3	0	0	0	0
259-281	0	0.6	5.9	4.4	1.2	0.9	0.3	0	0	0	0	0
282-303	0.3	0.6	4.1	4.1	3.6	1.5	0	0.3	0	0	0	0
304-326	0.6	0.3	2.1	5.9	6.2	3.6	0.6	0.3	0	0	0	0
327-348	0	0.3	2.4	3	4.7	1.8	1.8	0.6	0	0	0	0

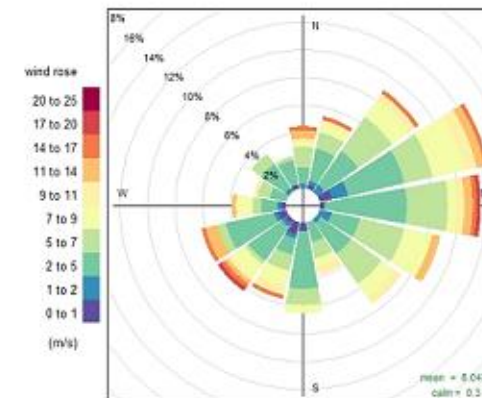


Frequency of counts by wind direction (%)

Goa

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	0.3	1.2	1.5	0.3	0.3	0.6	0.3	0	0	0	0
12-33	0.3	0.3	2.4	1.2	0.6	0.3	0	0.3	0	0	0	0
34-56	0	0.6	3	3	1.5	0.6	0	0.3	0	0	0	0
57-78	0.9	1.2	4.2	2.1	2.4	0.9	0.6	0.3	0	0	0	0
79-101	0.3	0	6	3	0.6	0.6	0.6	0.3	0.3	0	0	0
102-123	0	0.9	2.1	3.3	2.1	0	0.6	0	0	0	0	0
124-146	0	0.3	2.7	2.7	1.2	0.6	0	0	0	0	0	0
147-168	0	0	1.5	1.2	0.6	0.6	0	0	0	0	0	0
168-191	0.6	0	4.2	1.2	0.6	0	0	0	0	0	0	0
192-213	0.9	0.3	1.2	1.2	1.2	0.6	0	0.3	0	0	0	0
214-236	0.3	0.3	3	0.3	1.2	0.3	0.3	0.3	0.3	0	0	0
237-258	0.6	0.3	3.6	0.6	0	0	0.9	0.3	0	0	0	0
259-281	0.3	0.3	1.2	0.6	1.2	0	0.3	0	0	0	0	0
282-303	0	0	1.2	0.9	0	0.3	0	0	0	0	0	0
304-326	0	0.3	2.1	0.9	0	0	0	0	0	0	0	0
327-348	0.3	0	1.8	0.3	0	0	0	0	0	0	0	0

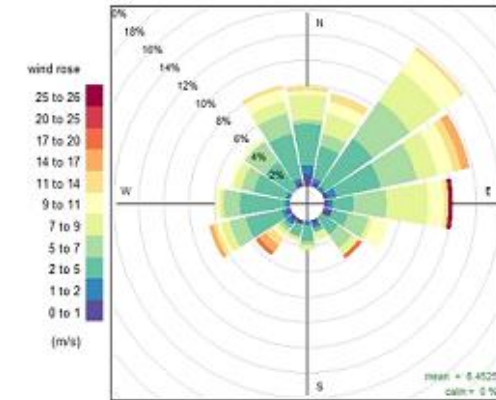


Frequency of counts by wind direction (%)

Goa

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	1	0.7	3.3	0.3	2	0.3	0.3	0	0	0	0
12-33	0	0.3	0.3	2.6	1	1.6	1	0.7	0	0	0	0
34-56	0	0	0.3	4.6	3.6	3	2	0.3	0	0	0	0
57-78	0	0.3	0.7	3.6	3	1.6	1.3	0.7	0.7	0	0	0
79-101	0	0.3	0.3	1.6	2.6	3.3	1.3	0.3	0	0	0	0.3
102-123	0	0.7	0	1.3	1.6	0.3	1.3	0	0	0	0	0
124-146	0	0	0	1.6	1.3	0.7	0	0	0	0.3	0	0
147-168	0	0.3	0.3	0.3	0	0.7	0	0	0	0	0	0
168-191	0	0	0.3	1.3	0.3	0.3	0	0	0	0	0	0
192-213	0	0.3	0	1	0	0	0	0.3	0	0	0	0
214-236	0	0.3	0.3	0.3	0.3	0.3	0.3	0.7	0.7	0.3	0	0
237-258	0	0.3	0.3	3	1.3	0.7	0.3	0.3	0.3	0	0	0
259-281	0	0	0.3	3.6	1.3	0.3	0.3	0	0	0	0	0
282-303	0	0	0.3	2.6	1	0.7	0.3	0	0	0	0	0
304-326	0	0	0	2.6	2	0	0.3	0	0	0	0	0
327-348	0	0.3	0.3	3.6	1.6	1	1	0.3	0	0	0	0

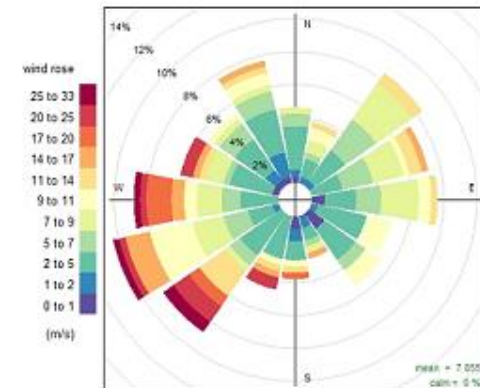


Frequency of counts by wind direction (%)

Goa

May 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0.4	2.7	0.8	0.4	0	0	0	0	0	0
12-33	0	0	0.4	1.1	0.4	0.8	0.8	0.4	0	0	0	0
34-56	0	0	0.4	2.3	2.3	2.7	0	0.8	0	0	0	0
57-78	0	0	0	1.9	1.9	1.9	0.4	0.8	0.4	0	0	0
79-101	0	0.8	0	1.9	1.5	2.3	0.8	0.4	0	0	0	0
102-123	0	0	0.4	3.1	0	0	1.5	0	0	0	0	0
124-146	0	1.1	0	2.3	0.8	0	1.1	0	0	0	0	0
147-168	0	0	0.8	0.8	0.4	0.4	0	0	0.4	0	0	0
168-191	0	0.8	0.8	1.1	0	0	0.4	0.4	0	0.4	0	0
192-213	0	0	0	2.7	0	0	0.4	0.4	0.4	0	0.8	0
214-236	0	0	0	3.1	0.8	0.4	0	1.9	0	0.8	1.1	0.8
237-258	0	0	0.4	1.5	1.5	1.9	2.7	0	1.5	0	0.4	0.4
259-281	0	0	0	2.3	1.1	1.5	0.8	0	0.8	1.5	0.4	0.4
282-303	0	0.4	0	2.7	0.4	1.1	0	0.4	0.4	0	0.8	0
304-326	0	0.4	0.8	2.3	1.1	0.4	0.4	0	0	0	0	0
327-348	0	0.4	1.5	2.7	1.1	0.4	0.8	0.4	0.4	0	0	0

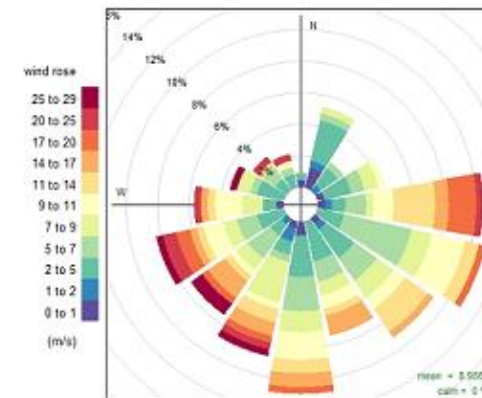


Frequency of counts by wind direction (%)

Goa

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	0.4	0	0.4	0	0	0	0	0	0	0	0
12-33	0	1.3	0.4	2.6	0.4	0.4	0	0	0	0	0	0
34-56	0	0	0.4	1.3	0.4	0	0	0	0	0	0	0
57-78	0	0.4	0	1.7	0.9	0.9	0.4	0	0	0	0	0
79-101	0	0.4	0.4	0.9	1.3	0.4	1.3	2.6	0.9	1.7	0.4	0
102-123	0	0	0	1.7	4.4	1.3	2.2	0.9	0	0.4	0	0
124-146	0	0.4	0.4	2.2	1.7	1.3	0.9	1.7	0.4	0	0	0
147-168	0	0	0	2.2	0.9	0.9	0.9	0.4	1.3	0	0	0
168-191	0	0.9	0	3.1	2.6	1.3	1.7	0.9	0.9	0.4	0	0
192-213	0	0.4	0.9	0.9	0.4	2.6	0.4	0.9	0.9	0.4	0.4	0.4
214-236	0	0	0.4	0.9	1.7	0.9	0.4	0.4	1.3	0.4	0	0.9
237-258	0	0	0	1.7	1.3	0.9	1.3	0.4	0.4	0.9	0.9	0.4
259-281	0	0.4	0	0.9	0	1.3	1.7	0.4	0.4	0	0.4	0
282-303	0	0	0	1.7	0.4	0.9	0	0	0	0	0	0.4
304-326	0	0	0	0.9	0.9	0	0	0.4	0	0	0.4	0
327-348	0	0	0	0.9	0.4	0	0.4	0	0	0	0.4	0

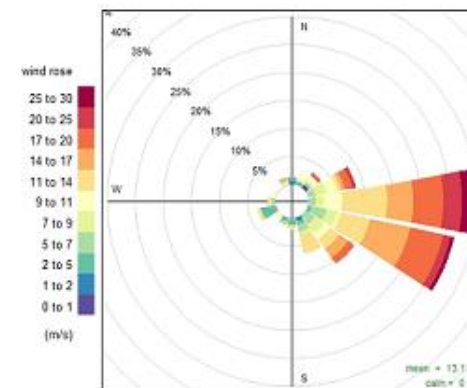


Frequency of counts by wind direction (%)

Goa

May 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.7	0.7	0	0	0	0	0	0	0	0
12-33	0	0	0	0.7	0	0	1.3	0	0	0	0	0
34-56	0	0.7	0	0	0.7	0	1.3	0	0	0.7	0	0
57-78	0	0	0	0	1.3	2	2	0.7	0.7	1.3	0.7	0
79-101	0	0	0	0	1.3	1.3	3.3	8	4.7	5.3	3.3	2.7
102-123	0	0	0	0.7	2.7	2	0.7	5.3	7.3	6	1.3	0.7
124-146	0	0	0	0	2	2	1.3	2	2	1.3	0	0
147-168	0	0	0.7	0.7	1.3	0.7	0	3.3	0	0	0	0
168-191	0	0	0	1.3	0	0	0	0.7	0	0	0	0
192-213	0	0	0	0.7	0.7	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0.7	0	0	0	0	0
237-258	0	0	0	2.7	0	0	0	0.7	0	0	0	0
259-281	0	0	0	0	0.7	0	0	0.7	0	0	0	0
282-303	0	0	0	0	0	0	0.7	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0.7	0	0	0.7	0	0	0

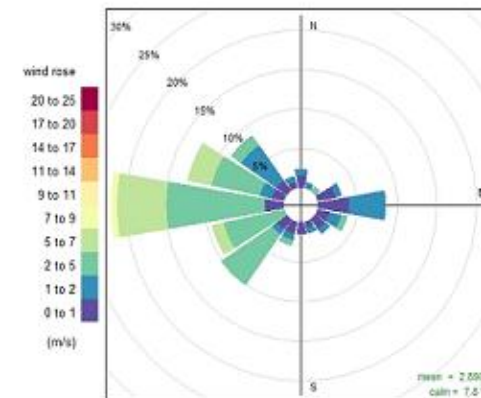


Frequency of counts by wind direction (%)

Goa

June 1000 hPa level

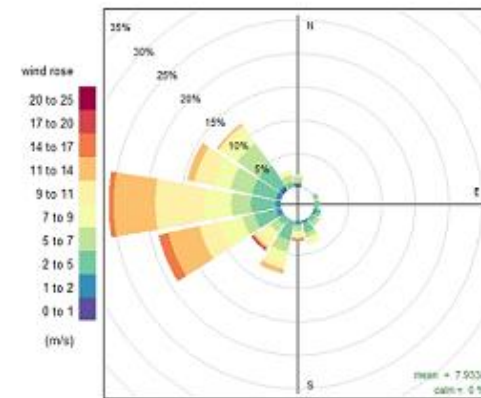
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	8	1.6	0.8	0	0	0	0	0	0	0	0	0
12-33		0	0.8	0	0	0	0	0	0	0	0	0
34-56		0	0	0.8	0	0	0	0	0	0	0	0
57-78		2.3	0.8	0	0	0	0	0	0	0	0	0
79-101		3.9	4.7	0	0	0	0	0	0	0	0	0
102-123		1.6	1.6	0.8	0	0	0	0	0	0	0	0
124-146		1.6	0.8	0	0	0	0	0	0	0	0	0
147-168		0	0.8	0	0	0	0	0	0	0	0	0
168-191		2.3	0	0	0	0	0	0	0	0	0	0
192-213		1.6	0.8	0.8	0	0	0	0	0	0	0	0
214-236		1.6	0.8	7.8	0	0	0	0	0	0	0	0
237-258		0	0	7.8	1.6	0	0	0	0	0	0	0
259-281		2.3	0	12.5	6.2	0.8	0	0	0	0	0	0
282-303		1.6	1.6	6.2	3.1	0	0	0	0	0	0	0
304-326		1.6	5.5	1.6	0	0	0	0	0	0	0	0
327-348		0.8	0.8	0	0	0	0	0	0	0	0	0



Goa

June 925 hPa level

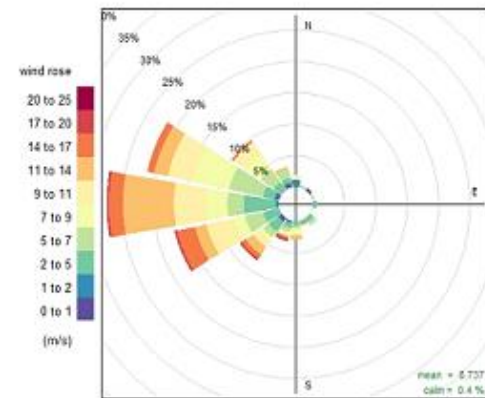
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0	0.4	0.7	0.4	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0	0.4	0.4	0	0	0	0	0	0	0
79-101		0	0	0.7	0	0	0	0	0	0	0	0
102-123		0	0.4	0.7	0	0	0	0	0	0	0	0
124-146		0	0	0.7	0.7	0	0	0	0	0	0	0
147-168		0	0.4	1.1	0.7	1.1	0	0	0	0	0	0
168-191		0	0.4	0.7	0.7	0.4	0.7	0	0.4	0	0	0
192-213		0	0	2.9	1.8	1.8	0.7	0.7	0	0	0	0
214-236		0	0	1.1	1.5	1.5	1.1	0.4	0	0.4	0	0
237-258		0	0.7	3.3	1.8	3.7	2.9	4.8	1.5	0	0	0
259-281		0	0.7	3.7	2.9	4	7.4	6.2	0.7	0	0	0
282-303		0	0.7	3.7	3.3	2.6	2.9	1.1	0	0	0	0
304-326		0.4	0.4	3.7	4	2.6	0.7	0.4	0	0	0	0
327-348		0	0	0.7	1.1	0.7	0	0	0	0	0	0



Goa

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	1.1	0	0	0.4	0.4	0	0	0	0	0	0
12-33	0	0	0	0.4	0	0	0	0	0	0	0	0
34-56	0.4	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0.4	0	0	0	0	0	0	0	0
79-101	0	0	0.7	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0.7	0.7	0	0	0	0	0	0	0	0
147-168	0	0	0.7	0	0.4	0	0	0	0	0	0	0
168-191	0	0	0.7	0.4	1.1	0	0.7	0	0	0	0	0
192-213	0	0.4	0.7	0.7	0.4	0.4	0	0.4	0.4	0	0	0
214-236	0.4	0.4	1.9	1.1	0.7	1.1	1.5	0.7	0.4	0	0	0
237-258	0	0	2.6	3	1.9	4.4	1.9	3	0.4	0	0	0
259-281	0	0.4	5.2	2.6	3.3	5.2	8.1	2.2	0.4	0	0	0
282-303	0.4	0.4	1.9	5.6	5.9	4.1	2.2	1.1	0	0	0	0
304-326	0	0	1.5	2.6	3	2.2	0	0.4	0	0	0	0
327-348	0.4	0.4	0.7	1.5	0	0	0.4	0	0	0	0	0

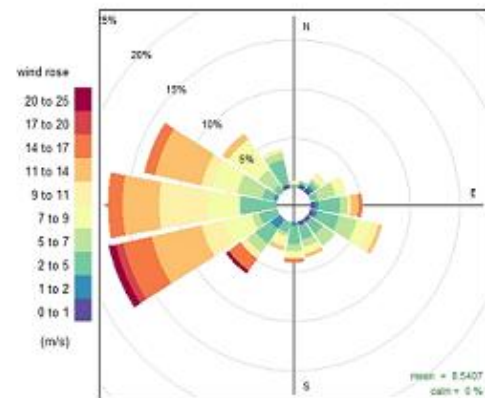


Frequency of counts by wind direction (%)

Goa

June 700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.4	0	0.4	0	0	0	0	0	0	0
12-33	0.4	0	0.4	0	0	0	0	0	0	0	0	0
34-56	0.4	0.4	0.4	0.4	0.4	0.4	0	0	0	0	0	0
57-78	0	0	0.7	1.9	1.1	0	0	0	0	0	0	0
79-101	0.4	0.4	2.2	0.7	0	0.4	0.7	0.4	0	0	0	0
102-123	0.4	0.4	2.2	1.9	1.5	0.7	0.4	0	0	0	0	0
124-146	0.4	0	1.5	1.5	0	0	0	0	0	0	0	0
147-168	0.4	0	1.5	0.7	0.7	0	0.4	0	0	0	0	0
168-191	0	0.4	1.9	0.7	0.7	0	0	0.4	0	0	0	0
192-213	0	0	1.1	0.4	0.7	0.4	0.4	0	0	0	0	0
214-236	0	1.1	1.9	1.1	0	0.7	0	1.5	0	0.4	0	0
237-258	0	0	1.9	0.7	3	2.2	5.2	3	0.7	0.7	0	0
259-281	0	0	3.7	0	3.3	4.8	3.7	1.5	0	0	0	0
282-303	0	0.4	1.1	2.6	2.6	1.1	4.8	1.1	0	0	0	0
304-326	0	0	0.7	1.9	3.7	0	0.7	0	0	0	0	0
327-348	0.4	0	2.6	0.7	0	0.4	0	0	0	0	0	0

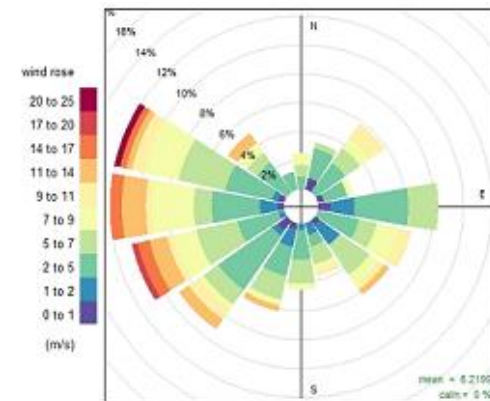


Frequency of counts by wind direction (%)

Goa

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	0.7	0.3	2.7	0.3	0	0	0	0	0	0	0
12-33	0	0.3	0.7	2.4	0.3	0	0	0	0	0	0	0
34-56	0	0.3	1.4	2.1	0	0	0	0	0	0	0	0
57-78	0	0.3	0.7	1.4	0.7	0	0.3	0	0	0	0	0
79-101	0	0	0.3	1.7	0.7	0	0	0	0	0	0	0
102-123	0	0.7	0.7	2.4	0	0.3	0	0	0	0	0	0
124-146	0	0	1	2.4	0.7	0	0.3	0	0	0	0	0
147-168	0	0.3	1	0.7	0.7	0	0	0	0	0	0	0
168-191	0	1	1.4	1	0	0	0	0	0	0	0	0
192-213	0	0.3	1	0.7	0.3	0.3	0	0	0	0	0	0
214-236	0	1	1	3.4	0.3	0.7	0	0	0	0	0	0
237-258	0	0.3	0	3.1	2.4	0.7	0.7	0.7	0	0	0	0
259-281	0	0.7	0.3	5.8	2.7	2.7	0.7	2.1	1.7	0.7	0	0
282-303	0	0	0.7	2.7	4.8	2.4	1.7	1.4	0.3	0.3	0	0
304-326	0	1	1.7	4.5	2.4	1.4	0.7	0	0.3	0	0	0
327-348	0	0.3	0.3	1.7	2.4	1	0.7	0	0	0	0	0

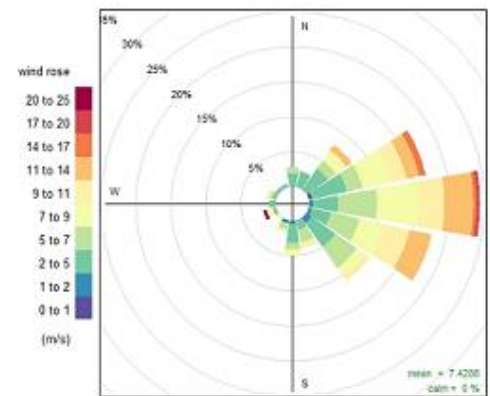


Frequency of counts by wind direction (%)

Goa

June 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	1.8	0.9	0	0	0	0	0	0	0
12-33	0	0	0	2.3	0	0	0	0	0	0	0	0
34-56	0	0	0	3.7	1.4	1.4	0.5	0.9	0	0	0	0
57-78	0	0.5	0	5.1	2.3	4.1	2.3	1.8	0.9	0	0	0
79-101	0	0	0.5	3.7	5.5	6	3.7	4.1	0.5	0.5	0	0
102-123	0	0	0.5	2.8	4.1	3.7	3.7	3.2	0	0	0	0
124-146	0	0	0.9	4.1	3.7	1.4	0.9	0	0	0	0	0
147-168	0	0	0	0.9	1.8	0	0.9	0	0	0	0	0
168-191	0	0	0.5	3.2	0.9	0.9	0	0	0	0	0	0
192-213	0	0	0.5	0	0.9	0.5	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0.5	0	0	0	0	0
237-258	0	0	0	0.5	0	0.9	0	0	0	0	0.5	0
259-281	0	0	0	0.9	0	0	0	0	0	0	0	0
282-303	0	0	0	0.5	0.5	0.5	0	0	0	0	0	0
304-326	0	0	0	0.5	0	0	0	0	0	0	0	0
327-348	0	0	0	0.5	0	0	0	0	0	0	0	0

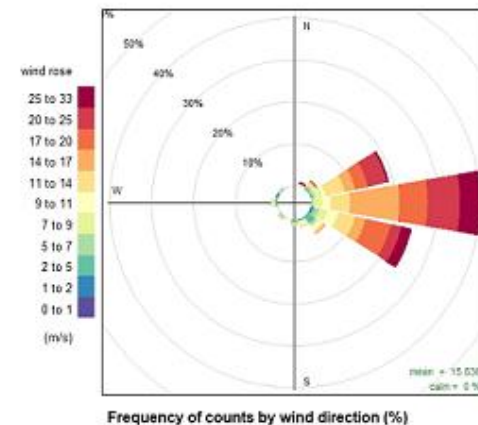


Frequency of counts by wind direction (%)

Goa

June 200 hPa level

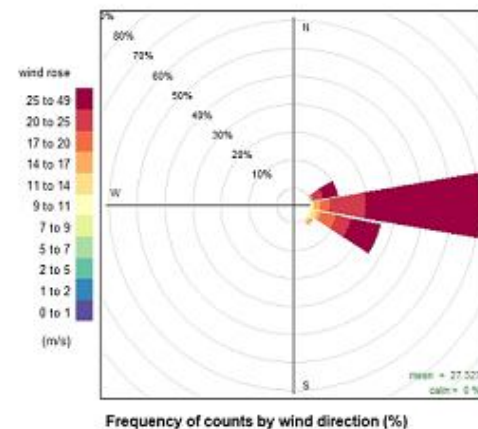
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0.5	0	0	0	0	0.5
34-56	0	0	0.5	0.5	0.5	0	0.5	0	0.5	0	0	0
57-78	0	0	0.5	0.5	1.5	1	4.6	2.6	3.1	4.6	0.5	0.5
79-101	0	0	0	0.5	2.1	2.1	4.6	11.8	6.7	7.7	5.1	5.1
102-123	0	0.5	0.5	1	2.1	2.6	4.1	2.6	6.2	2.6	2.6	2.6
124-146	0	0	2.1	0.5	0.5	1	0.5	0.5	0	0	0	0
147-168	0	0	0.5	0	0	1	0.5	0	0	0	0	0
168-191	0	0	0.5	0.5	0	0	0.5	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0.5	0	0	0.5	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0.5	0	0.5	0	0.5	0	0	0	0	0
282-303	0	0.5	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0.5	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

June 100 hPa level

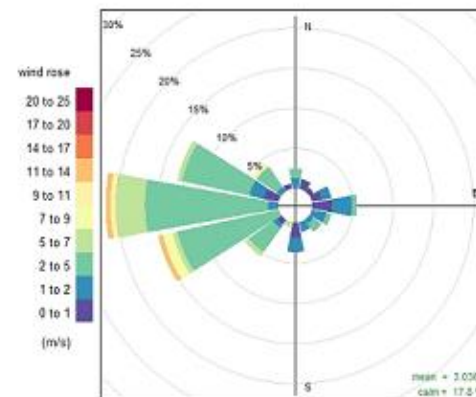
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0.7	0	0	0	0	0.7	3.4	5.4
79-101	0	0	0	0	0	0	0.7	0.7	2	3.4	12.9	41.5
102-123	0	0	0	0	0	0	0.7	2	1.4	5.4	5.4	10.9
124-146	0	0	0	0	0	0	0.7	0.7	1.4	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

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	18	0	1.2	1.2	0	0	0	0	0	0	0	0
12-33		1.2	0	0	0	0	0	0	0	0	0	0
34-56		0.6	0	0	0	0	0	0	0	0	0	0
57-78		1.2	1.2	0	0	0	0	0	0	0	0	0
79-101		2.5	2.5	0.6	0	0	0	0	0	0	0	0
102-123		0	1.8	0.6	0	0	0	0	0	0	0	0
124-146		0	0.6	1.2	0	0	0	0	0	0	0	0
147-168		0	1.2	0	0	0	0	0	0	0	0	0
168-191		1.8	1.8	0	0	0	0	0	0	0	0	0
192-213		0	0	0	0.6	0	0	0	0	0	0	0
214-236		0.6	0.6	3.7	0.6	0	0	0	0	0	0	0
237-258		0	0	12.9	0.6	1.2	0	0.6	0	0	0	0
259-281		0	1.2	15.3	3.7	0	0.6	0.6	0	0	0	0
282-303		1.8	1.8	8.6	0.6	0	0	0	0	0	0	0
304-326		0	0.6	3.1	0	0	0.6	0	0	0	0	0
327-348		0.6	0	0	0	0	0	0	0	0	0	0

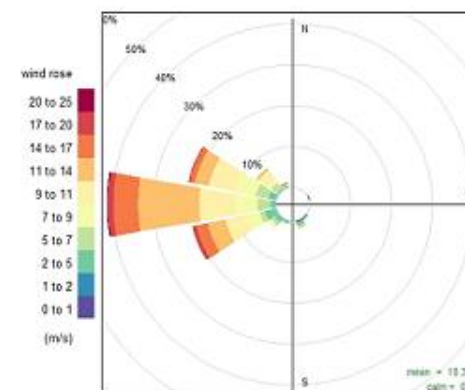


Frequency of counts by wind direction (%)

Goa

July 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33		0	0	0	0	0	0	0	0	0	0	0
34-56		0	0	0	0	0	0	0	0	0	0	0
57-78		0	0.3	0	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0	0	0	0	0	0	0	0	0
124-146		0	0.3	0.3	0	0	0	0	0	0	0	0
147-168		0.3	0	1	0.3	0.3	0	0	0	0	0	0
168-191		0	0	0.3	0.6	0	0	0	0	0	0	0
192-213		0	0	0.6	0.3	0	0	0	0	0	0	0
214-236		0	0	1.3	1	0.6	0.3	0	0	0	0	0
237-258		0	0	2.9	1.3	3.5	5.1	4.4	2.9	1	0	0
259-281		0	0	1.3	3.2	5.4	8.9	14.9	6	1.3	0.3	0
282-303		0	0	1.9	3.2	5.4	6.3	3.5	1.3	0.3	0	0
304-326		0	0	0.3	1.9	1.3	2.5	0.6	0	0	0	0
327-348		0	0	0.3	0.6	0	0	0	0.3	0	0	0

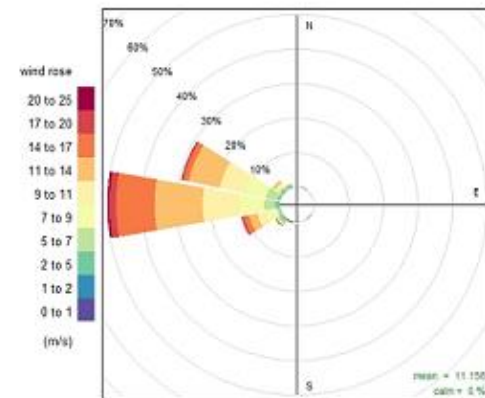


Frequency of counts by wind direction (%)

Goa

July 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0.3	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0.3	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	0.3	0	0	0.3	0	0	0	0	0	0	0
192-213	0.3	0	0	0.3	0.3	0	0	0	0	0	0	0
214-236	0	0	1	1	0.3	0	0	0	0.3	0	0	0
237-258	0	0	0.3	0.6	3.2	2.5	2.5	1.6	0.6	0	0	0
259-281	0	0	1.3	3.2	7.3	10.5	14	11.1	1.9	0.6	0	0
282-303	0	0	0.6	3.5	6.3	7.3	9.2	1.6	0.6	0	0	0
304-326	0	0	0.6	0.6	0.6	0.6	1	0	0	0	0	0
327-348	0	0	0.6	0.3	0	0	0.3	0	0	0	0	0

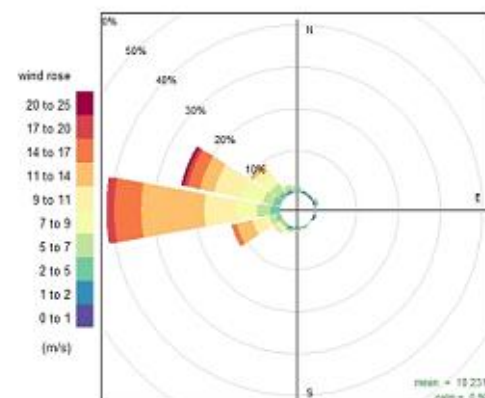


Frequency of counts by wind direction (%)

Goa

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	1.3	0	0	0	0.3	0	0	0	0	0
12-33	0	0.6	0	0	0	0	0	0	0	0	0	0
34-56	0.3	0	0.3	0	0	0	0	0	0	0	0	0
57-78	0.3	0	0.6	0.3	0	0	0	0	0	0	0	0
79-101	0	0	0.3	0	0	0	0	0	0	0	0	0
102-123	0.3	0.3	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0.3	0	0	0	0	0	0	0	0
147-168	0	0	0.6	0	0	0	0	0	0	0	0	0
168-191	0	0.3	0.3	0	0	0	0.3	0	0	0	0	0
192-213	0	0.3	0.6	0.3	0.3	0	0	0	0	0	0	0
214-236	0	0	0.3	0.6	0.3	1	0.3	0	0	0	0	0
237-258	0	0	1	1.6	1	3.2	3.8	1.3	0	0	0	0
259-281	0	0	2.2	3.2	4.8	7.7	15.1	6.4	1.9	0	0	0
282-303	0	0	1.6	2.6	5.4	6.4	3.5	2.9	1	0.6	0	0
304-326	0	0	1.3	2.2	2.9	1.9	0.6	0.3	0	0	0	0
327-348	0.3	0	0.6	1	0	0.3	0	0	0	0	0	0

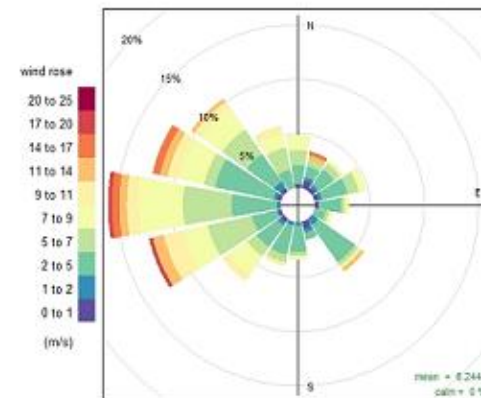


Frequency of counts by wind direction (%)

Goa

July 500 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.3	0	1.7	1.4	1.4	0	0	0	0	0	0
12-33	0	0.7	0.3	1	0.7	0	0	0.3	0.3	0	0	0
34-56	0	0.3	0.3	1.7	0.7	0.3	0	0	0	0	0	0
57-78	0	0.3	0.3	2.4	1	0.7	0	0	0	0	0	0
79-101	0	0.3	0	2.1	0.3	0.3	0	0	0	0	0	0
102-123	0	0	0	1	0.3	0.3	0	0	0	0	0	0
124-146	0	0	0.7	4.1	0.3	0	0.3	0.3	0	0	0	0
147-168	0	0.7	0.3	0.7	0	0	0	0	0	0	0	0
168-191	0	0	0.3	2.4	0.3	0.3	0	0	0	0	0	0
192-213	0	0	0.3	2.8	0.7	0	0.3	0	0	0	0	0
214-236	0	0.3	0.3	2.4	1	2.1	0.7	0	0	0	0	0
237-258	0	0.3	0	2.4	4.1	2.4	1.7	1	0	0.3	0	0
259-281	0	0	0.3	4.1	4.5	4.1	1	0.7	0.7	0.3	0	0
282-303	0	0.3	0.3	5.5	1	2.4	1	0.7	0.7	0	0	0
304-326	0	0.3	0.7	3.1	2.8	2.4	0.7	0.3	0	0	0	0
327-348	0	0	0	1.7	2.1	1.4	0.7	0	0	0	0	0

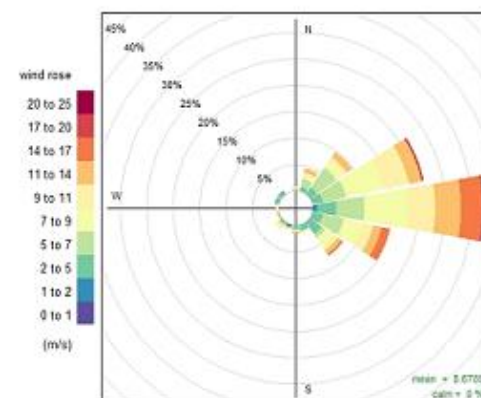


Frequency of counts by wind direction (%)

Goa

July 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0.4	0.4	0	0	0	0	0	0
12-33	0	0	0	0.8	1.6	0.4	0.8	0.8	0	0	0	0
34-56	0	0	0	1.6	4.5	1.6	0.8	1.2	0	0	0	0
57-78	0	0	0	2	4.5	7.3	4.9	2.4	0	0.4	0	0
79-101	0	0.8	0.8	3.7	5.3	8.1	5.3	4.9	4.1	0.4	0	0
102-123	0	0	0	2	4.1	3.7	2	1.6	1.6	0	0	0
124-146	0	0	0	2.8	0.8	2	0.8	0.8	0.4	0	0	0
147-168	0	0	0	1.2	0	0.4	0	0	0	0	0	0
168-191	0	0	0	0.8	0	0.4	0	0.4	0	0	0	0
192-213	0	0	0.4	0	0	0	0	0.4	0	0	0	0
214-236	0	0	0	0.4	0.4	0.4	0.4	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0.4	0	0	0	0
259-281	0	0	0	0	0	0	0.4	0	0	0	0	0
282-303	0	0	0	0.8	0	0	0	0	0	0	0	0
304-326	0	0	0	0.8	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0

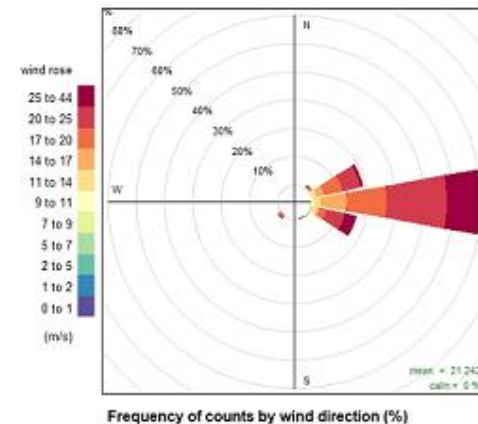


Frequency of counts by wind direction (%)

Goa

July 200 hPa level

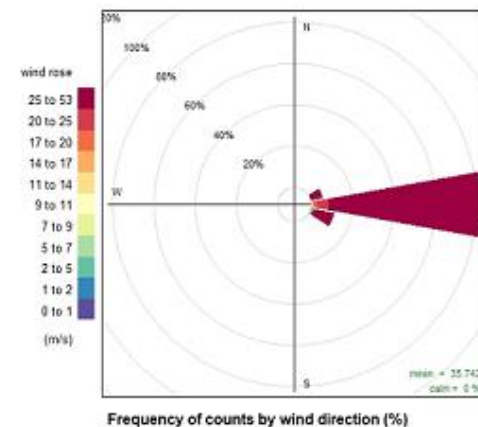
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0.5	0	0.5	0.5	0
57-78	0	0	0	0	0	0	0.5	1.4	2.8	6.6	6.6	0.9
79-101	0	0	0	0	0	0	0.9	2.4	9	14.2	21.3	12.3
102-123	0	0	0	0	0.5	0.5	0	1.4	0.9	2.4	6.6	4.3
124-146	0	0	0	0	0	0.5	0	0	0.5	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0.5	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0.9	0.5	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

July 100 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	5.8
79-101	0	0	0	0	0	0	0	0.6	0	1.9	5.8	74.2
102-123	0	0	0	0.6	0.6	0	0	0	0	0	0	10.3
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0

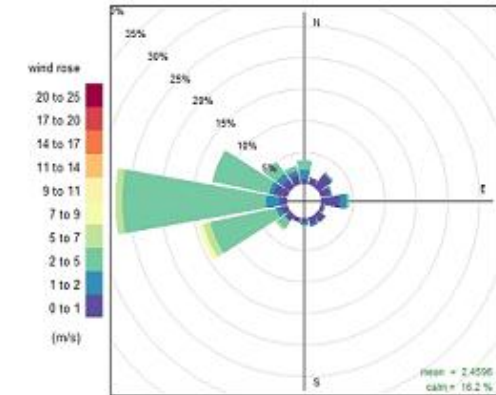


Goa

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	16	0.7	1.5	1.5	0	0	0	0	0	0	0	0
12-33		1.1	0	0	0	0	0	0	0	0	0	0
34-56		2.6	0	0.4	0	0	0	0	0	0	0	0
57-78		1.5	0.4	0	0	0	0	0	0	0	0	0
79-101		2.9	1.1	0.4	0	0	0	0	0	0	0	0
102-123		0.4	0.4	0	0	0	0	0	0	0	0	0
124-146		1.5	0	0	0	0	0	0	0	0	0	0
147-168		1.1	0.4	0	0	0	0	0	0	0	0	0
168-191		0.7	0.4	0	0	0	0	0	0	0	0	0
192-213		0.7	0	0	0	0	0	0	0	0	0	0
214-236		1.1	0	1.5	0.4	0	0	0	0	0	0	0
237-258		1.1	0.7	10.7	1.1	0.7	0	0	0	0	0	0
259-281		1.1	2.2	22.8	1.1	0	0	0	0	0	0	0
282-303		2.2	0.7	9.2	0	0	0	0	0	0	0	0
304-326		1.5	1.1	2.2	0	0	0	0	0	0	0	0
327-348		1.5	0.7	0.7	0	0	0	0	0	0	0	0

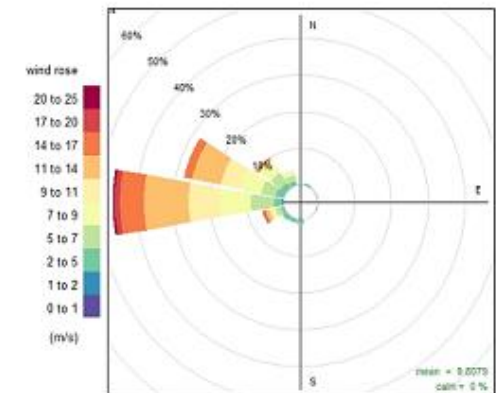


Goa

August

925 hPa level

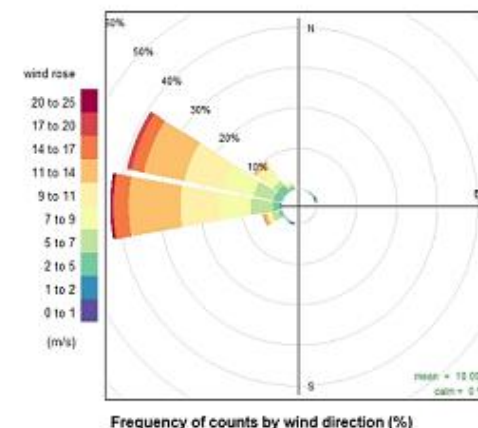
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.3	0	0	0	0	0	0	0	0
12-33		0	0	0.6	0	0	0	0	0	0	0	0
34-56		0	0	0	0.3	0	0	0	0	0	0	0
57-78		0	0	0.3	0	0	0	0	0	0	0	0
79-101		0	0	0	0	0	0	0	0	0	0	0
102-123		0	0	0.3	0	0	0	0	0	0	0	0
124-146		0	0	0	0	0	0	0	0	0	0	0
147-168		0	0	0	0	0	0	0	0	0	0	0
168-191		0	0.3	0.8	0.3	0	0	0	0	0	0	0
192-213		0	0	1.1	0	0	0	0	0	0	0	0
214-236		0	0	1.4	0	0	0	0	0	0	0	0
237-258		0	0	0.8	1.4	0.8	0.8	1.1	0.6	0.3	0	0
259-281		0.3	0	2.3	6.2	8.8	8.2	12.1	6.5	1.4	0.6	0
282-303		0	0	2.3	4	5.9	5.4	7.9	2.3	0	0	0
304-326		0	0	1.7	3.4	3.4	0.6	0.6	0.6	0	0	0
327-348		0	0	1.1	1.7	0.8	0.6	0	0	0	0	0



Goa

August 850 hPa level

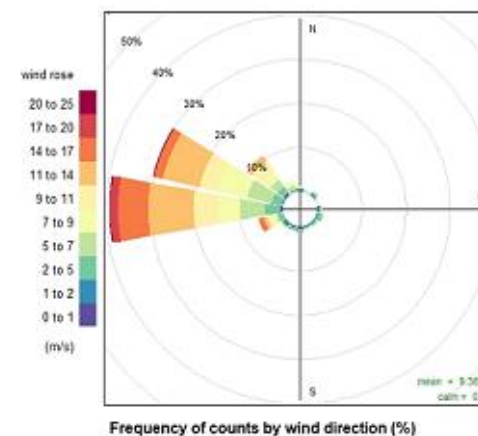
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0.3	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0.3	0	0	0	0	0	0	0	0	0
57-78	0.3	0	0.3	0.3	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0.3	0	0	0	0	0	0	0	0	0
192-213	0	0.6	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0.3	0	0	0	0	0	0	0	0	0
237-258	0	0	0.8	1.7	0.8	0.3	0.8	0.3	0	0	0	0
259-281	0	0.3	1.7	5.7	7.9	9.3	12.7	3.7	0.3	0.6	0	0
282-303	0	0	2	5.1	7.9	9.6	10.2	3.1	1.1	0	0	0
304-326	0	0	2	1.4	2.8	2.3	0.8	0	0	0	0	0
327-348	0	0	0.6	0.6	0.6	0.3	0	0	0	0	0	0



Goa

August 700 hPa level

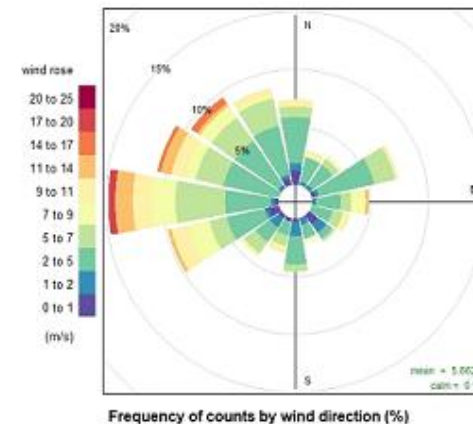
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.6	0.3	0	0	0.3	0	0	0	0	0	0
12-33	0	0	0	0.3	0	0	0	0	0	0	0	0
34-56	0	0.3	0.6	0.3	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0.3	0	0.6	0.3	0	0	0	0	0	0	0	0
102-123	0	0.3	1.1	0	0.3	0	0	0	0	0	0	0
124-146	0	0.3	0.6	0	0.3	0	0	0	0	0	0	0
147-168	0	0.3	0.3	0.3	0	0	0	0	0	0	0	0
168-191	0.6	0	0.9	0	0	0	0	0	0	0	0	0
192-213	0.3	0	0.9	0	0	0	0	0	0	0	0	0
214-236	0	0.9	0.3	0	0.6	0	0	0	0	0	0	0
237-258	0	0	1.1	0.6	1.1	0.9	0.9	1.1	0	0	0	0
259-281	0.3	0.3	3.4	5.7	5.1	5.4	10.2	6.8	1.7	0.3	0	0
282-303	0	0.3	2.3	5.7	7.1	4	8.5	2	0	0.3	0	0
304-326	0.3	0.3	1.7	2	2	3.1	1.4	0	0	0	0	0
327-348	0	0	0.6	0.9	1.1	0	0	0	0	0	0	0



Goa

August 500 hPa level

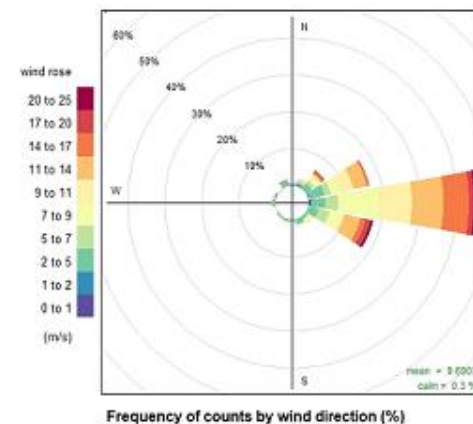
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	1.2	0.6	4	0.9	0	0.6	0	0	0	0	0
12-33		0	0.3	2.1	0	0.3	0.3	0	0	0	0	0
34-56		0	0.3	2.1	0.6	0.3	0	0	0	0	0	0
57-78		0.3	0.3	4.9	1.8	0	0.3	0	0	0	0	0
79-101		0	0.3	2.1	0.9	1.2	0	0.3	0	0	0	0
102-123		0	0	1.8	0.9	0.3	0.3	0	0	0	0	0
124-146		0.9	0.9	0.6	0.3	0	0	0	0	0	0	0
147-168		0	0.6	1.2	0	0.3	0	0	0	0	0	0
168-191		0.3	1.2	2.5	0.6	0	0	0	0	0	0	0
192-213		0.3	0	1.2	0.9	0.3	0.3	0	0	0	0	0
214-236		0.3	0.9	1.5	1.2	0.3	0	0	0	0	0	0
237-258		0.9	0.3	3.4	1.5	1.8	1.5	0.3	0	0	0	0
259-281		0.3	0.3	4	4.3	2.1	1.5	1.5	1.5	0	0.6	0
282-303		0	0	4.9	2.5	0.9	1.2	0.9	0.3	0	0	0
304-326		0	0.3	4.6	2.5	1.2	0	0.3	0.6	0	0	0
327-348		0.6	0.3	4.3	2.5	0.3	0.6	0	0	0	0	0



Goa

August 300 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.3	0.3	0	0	0	0	0	0	0	0
12-33		0	0.3	0.7	0.3	0.3	0	0.3	0	0	0	0
34-56		0	0	1.7	1	1	1	0.3	0.7	0.3	0	0
57-78		0	0.3	4.1	1.7	2.4	3.8	3.8	0.7	0	0	0
79-101		0.3	0.3	3.8	3.4	11	8.9	8.6	6.9	1.4	1	0
102-123		0	0	2.7	3.1	3.1	1	4.5	1.4	1.4	0.7	0
124-146		0	0	0.7	0.3	0.7	0.7	0	0	0	0	0
147-168		0	0	1.4	0.3	0	0	0	0	0	0	0
168-191		0	0.3	0.7	0	0	0	0	0	0	0	0
192-213		0	0	0.7	0	0.7	0	0	0	0	0	0
214-236		0	0	0.3	0.3	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0.7	0	0	0	0.3	0	0	0	0
282-303		0	0.3	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	1.4	0	0	0	0	0.3	0	0	0	

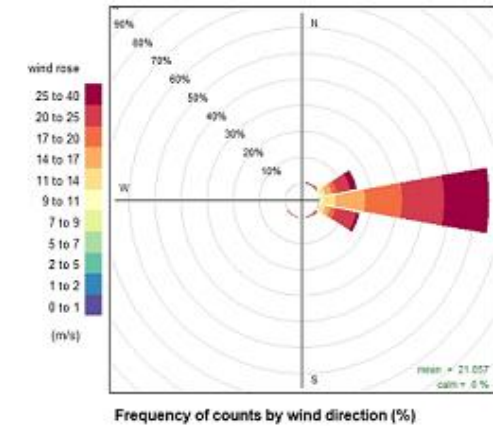


Goa

August

200 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0.4
34-56	0	0	0	0	0	0	0	0	0	0.8	0	0
57-78	0	0	0	0	0	0.4	0.8	1.6	2.4	2	5.3	2.4
79-101	0	0	0.4	0	0	1.2	4.9	11.3	14.2	16.2	17.4	
102-123	0	0	0	0.4	0	0.4	2	2	2	8.1	1.2	
124-146	0	0	0	0	0	0	0	0	0.4	0.4	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	0.4	0	
192-213	0	0	0	0	0	0	0	0	0.4	0	0	
214-236	0	0	0	0	0	0	0	0	0.4	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	

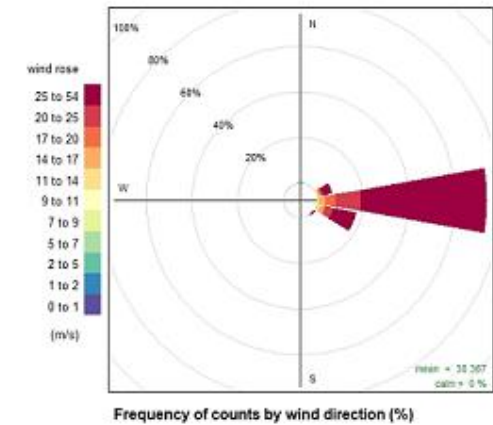


Goa

August

100 hPa level

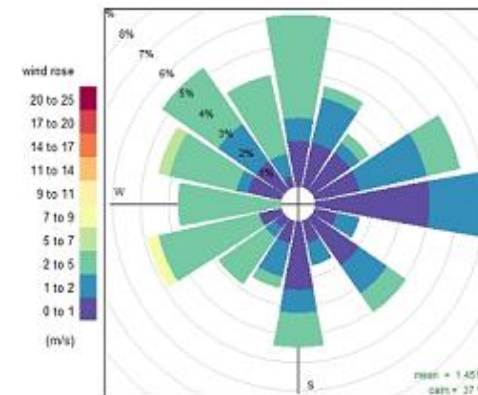
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.7	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0	0	0	0	0	0.7	0	0	0.7	0.7	0.7	4.1
79-101	0	0	0	0	0	0	0	0.7	2.7	4.8	10.9	55.1
102-123	0	0	0	0	0	0	0	1.4	2	0.7	3.4	10.2
124-146	0	0	0	0	0	0	0	0	0	0	0	0.7
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

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	37	1.6	0.8	3.7	0	0	0	0	0	0	0	0
12-33		1.6	1.6	0.4	0	0	0	0	0	0	0	0
34-56		1.6	0.4	0.4	0	0	0	0	0	0	0	0
57-78		1.6	2.4	1.2	0	0	0	0	0	0	0	0
79-101		4.1	2	0	0	0	0	0	0	0	0	0
102-123		0.8	0.8	0	0	0	0	0	0	0	0	0
124-146		2	1.2	0.8	0	0	0	0	0	0	0	0
147-168		0.8	0.8	0	0	0	0	0	0	0	0	0
168-191		2.4	0.8	1.2	0	0	0	0	0	0	0	0
192-213		0.8	1.2	0.4	0	0	0	0	0	0	0	0
214-236		0.4	0.4	2	0	0	0	0	0	0	0	0
237-258		0.8	0	3.7	0	0.4	0	0	0	0	0	0
259-281		0	0	3.7	0	0	0	0	0	0	0	0
282-303		1.2	0.4	2.4	0.4	0	0	0	0	0	0	0
304-326		1.2	1.6	2.4	0	0	0	0	0	0	0	0
327-348		0.4	0.8	2.8	0	0	0	0	0	0	0	0

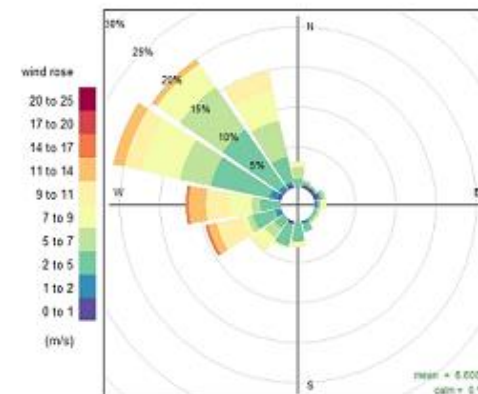


Frequency of counts by wind direction (%)

Goa

September 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	1.1	1.4	0.4	0.4	0	0	0	0	0
12-33		0.4	0	0.4	0.4	0	0	0	0	0	0	0
34-56		0.4	0	0.4	0	0	0	0	0	0	0	0
57-78		0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
79-101		0	0.4	0.4	0	0.4	0.4	0	0	0	0	0
102-123		0	0	0.4	0.4	0	0	0	0	0	0	0
124-146		0	0	0.4	0.4	0	0	0	0	0	0	0
147-168		0	0.4	1.1	0	0	0	0	0	0	0	0
168-191		0	0	2.5	0	0.4	0.4	0	0	0	0	0
192-213		0.4	0	2.8	0	0.4	0	0	0	0	0	0
214-236		0	0	1.4	1.4	1.8	0.4	0	0	0	0	0
237-258		0	0.7	2.8	0.7	0.7	3.2	1.1	0.4	0	0	0
259-281		0	0	2.5	1.1	2.8	2.8	2.1	0.4	0	0	0
282-303		0.4	1.1	7.5	3.9	5	2.1	1.4	0	0	0	0
304-326		0	0.7	8.5	6.4	3.6	0	0.7	0	0	0	0
327-348	0.4	0.4	3.2	4.6	3.9	2.5	0	0	0	0	0	

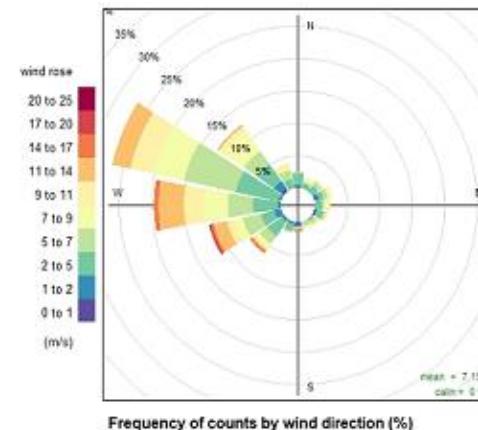


Frequency of counts by wind direction (%)

Goa

September 850 hPa level

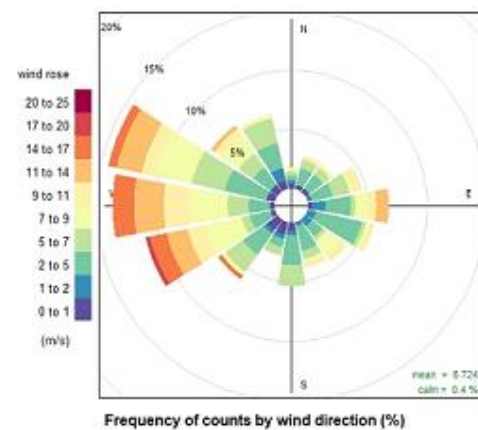
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	1.8	0.4	0	0	0	0	0	0	0	0
12-33	0	0	0.7	0.4	0.7	0	0	0	0	0	0	0
34-56	0	0	1.1	0.7	0	0.4	0	0	0	0	0	0
57-78	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0
79-101	0	0	1.1	0.4	0.4	0.7	0	0	0	0	0	0
102-123	0.4	0	1.1	0.4	0	0.4	0	0	0	0	0	0
124-146	0	0	0.4	0.7	0.4	0	0	0	0	0	0	0
147-168	0	0	0	0.7	0	0.4	0	0	0	0	0	0
168-191	0.4	0.4	0	0.4	0	0	0	0	0.4	0	0	0
192-213	0	0.4	1.1	0.4	0	0	0	0	0	0	0	0
214-236	0	0.4	2.8	1.4	0.7	0.4	0.4	0.4	0	0	0	0
237-258	0	1.1	2.1	2.8	1.4	1.1	2.1	0.4	0.4	0	0	0
259-281	0	0.4	3.9	3.9	3.9	2.8	3.9	0.7	0	0	0	0
282-303	0	0.4	6.8	8.2	5	3.6	2.8	0	0	0	0	0
304-326	0.4	1.4	3.2	2.5	3.9	0.7	0.4	0	0	0	0	0
327-348	0	0	1.4	1.4	0.4	0.7	0	0	0	0	0	0



Goa

September 700 hPa level

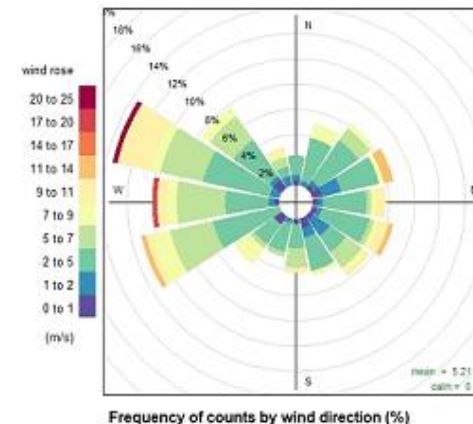
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0.4	0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
12-33	0.4	0	1.4	0.7	0	0.4	0	0	0	0	0	0
34-56	0.4	0	1.4	0.7	0.4	0	0	0	0	0	0	0
57-78	0	0.4	1.8	1.4	0.4	0.7	0	0	0	0	0	0
79-101	0.4	1.1	2.2	0.4	1.1	0.7	1.1	0	0	0	0	0
102-123	0	0.7	3.9	0.4	0.4	0.4	0	0	0	0	0	0
124-146	0	0.7	1.1	0.4	1.4	0.7	0	0	0	0	0	0
147-168	0	0.4	1.4	0.7	0.4	0.4	0	0	0	0	0	0
168-191	0.7	0.4	3.2	1.8	0	0	0	0	0	0	0	0
192-213	1.1	0.4	0.7	0.7	0	0	0	0	0	0	0	0
214-236	1.1	0.4	2.2	1.8	0.4	0	0	0	0.4	0	0	0
237-258	0.4	0	1.8	0.7	3.2	1.4	1.8	1.4	0.4	0	0	0
259-281	0.4	0	1.8	1.8	3.2	2.2	2.5	1.8	0	0	0	0
282-303	0.7	0	3.6	2.9	3.2	1.1	2.2	0.7	0	0	0	0
304-326	0.7	0	1.8	1.4	1.8	0.7	0.4	0	0	0	0	0
327-348	0.7	1.1	2.2	2.2	0.4	0	0	0	0	0	0	0



Goa

September 500 hPa level

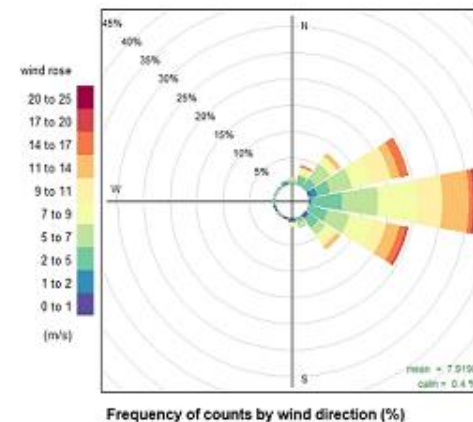
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0.4	1.5	0	0	0	0	0	0	0	0
12-33	0	0	0.4	3.5	0	1.2	0	0	0	0	0	0
34-56	0	0.4	0.4	3.8	1.2	0.4	0	0	0	0	0	0
57-78	0	0.8	1.5	3.1	0	0.4	0	0.8	0	0	0	0
79-101	0	0.4	0.4	3.5	0.4	0.4	0.8	0	0	0	0	0
102-123	0	0.4	0.4	3.8	0.4	0.4	0.8	0.4	0	0	0	0
124-146	0	0.4	1.5	1.5	1.5	0.4	0.4	0	0	0	0	0
147-168	0	0.8	0.8	2.7	0	0.4	0	0	0	0	0	0
168-191	0	0.4	0	1.9	1.5	0	0.4	0	0	0	0	0
192-213	0	0	0.4	2.3	0.4	0	0	0	0	0	0	0
214-236	0	0.8	0	1.9	0.4	1.5	0	0	0	0	0	0
237-258	0	0	0	5.4	3.5	1.5	0.4	0.4	0	0	0	0
259-281	0	0.4	0.4	3.5	3.8	0.8	0.8	0	0	0.4	0	0
282-303	0	0	0.8	5.4	3.5	0.8	2.7	0	0	0	0.4	0
304-326	0	0.8	0.4	3.5	2.3	0.8	0	0	0	0	0	0
327-348	0	0	0.8	0.8	0.8	0.4	0.4	0	0	0	0	0



Goa

September 300 hPa level

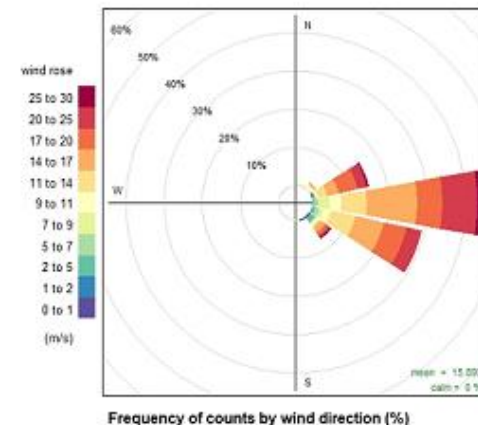
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.4	0.4	0	0	0.4	0	0	0	0
12-33	0	0	0	1.7	0.4	0.4	0.8	0	0.4	0	0	0
34-56	0	0	0	2.1	3.4	1.3	0.4	0.8	0	0	0	0
57-78	0	0.4	1.3	2.5	4.2	3.8	3.8	1.7	1.7	0	0	0
79-101	0	0	0.4	5.9	6.8	7.6	4.6	5.1	0.8	0.8	0	0
102-123	0	0	0	3.8	4.2	4.6	2.5	2.5	1.3	0.4	0	0
124-146	0	0.4	0.4	2.1	1.7	1.7	0.8	0.8	0	0	0	0
147-168	0	0	0	0.8	1.3	0	0	0	0	0	0	0
168-191	0	0.4	0.4	0	0	0.8	0	0	0	0	0	0
192-213	0	0.4	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0.4	0	0	0.4	0	0	0	0	0
237-258	0	0.4	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0.4	0	0	0	0	0	0	0	0
282-303	0	0	0	0.4	0	0	0	0	0	0	0	0
304-326	0	0	0	0.4	0	0	0	0	0	0	0	0
327-348	0	0	0.4	0.4	0	0	0	0	0	0	0	0



Goa

September 200 hPa level

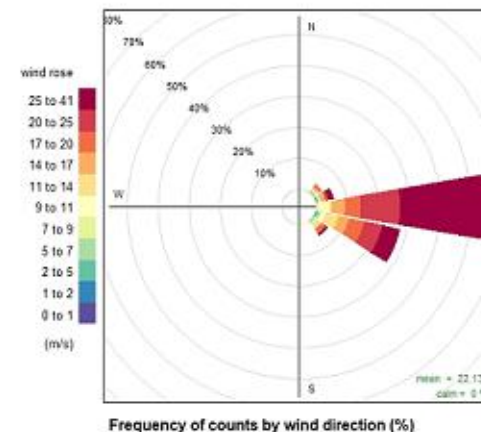
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0.5	0	0	0	0	0	0
34-56	0	0	0	0	0	0	1	0.5	0.5	0	0	0
57-78	0	0.5	0	0.5	0	0	0.5	2.5	3	5.1	2.5	0.5
79-101	0	0	0.5	1	1	3	3	6.6	13.2	6.6	9.1	1.5
102-123	0	0	1	1	1	1	2	6.6	7.6	6.1	4.1	0
124-146	0.5	0	1.5	0	0	1	0.5	1.5	1	0.5	0.5	0
147-168	0	0.5	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0.5	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

September 100 hPa level

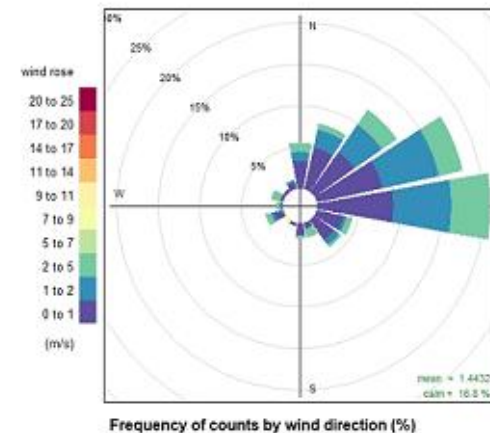
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0.8	0.8	0	0	0.8	0.8	0	0
57-78	0	0	0.8	0	0.8	0	0	1.7	0	0.8	1.7	0
79-101	0	0	0	0	0	0.8	3.4	0.8	4.2	5.1	12.7	28.8
102-123	0	0	0.8	0.8	0	1.7	4.2	3.4	5.1	5.9	5.9	0
124-146	0	0	0	0.8	0.8	0	1.7	0	1.7	0	0.8	0
147-168	0	0	0	0	0	0	0.8	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

October 1000 hPa level

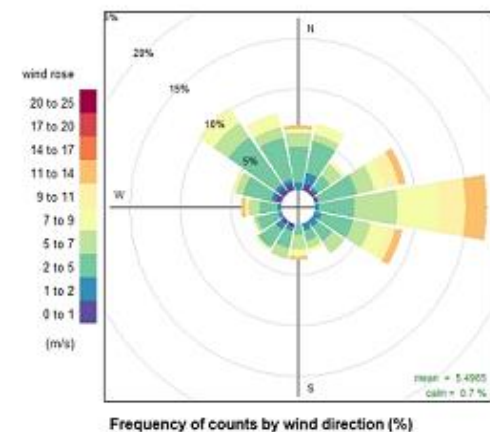
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	37	1.6	0.8	3.7	0	0	0	0	0	0	0	0
12-33		1.6	1.6	0.4	0	0	0	0	0	0	0	0
34-56		1.6	0.4	0.4	0	0	0	0	0	0	0	0
57-78		1.6	2.4	1.2	0	0	0	0	0	0	0	0
79-101		4.1	2	0	0	0	0	0	0	0	0	0
102-123		0.8	0.8	0	0	0	0	0	0	0	0	0
124-146		2	1.2	0.8	0	0	0	0	0	0	0	0
147-168		0.8	0.8	0	0	0	0	0	0	0	0	0
168-191		2.4	0.8	1.2	0	0	0	0	0	0	0	0
192-213		0.8	1.2	0.4	0	0	0	0	0	0	0	0
214-236		0.4	0.4	2	0	0	0	0	0	0	0	0
237-258		0.8	0	3.7	0	0.4	0	0	0	0	0	0
259-281		0	0	3.7	0	0	0	0	0	0	0	0
282-303		1.2	0.4	2.4	0.4	0	0	0	0	0	0	0
304-326		1.2	1.6	2.4	0	0	0	0	0	0	0	0
327-348		0.4	0.8	2.8	0	0	0	0	0	0	0	0



Goa

October 925 hPa level

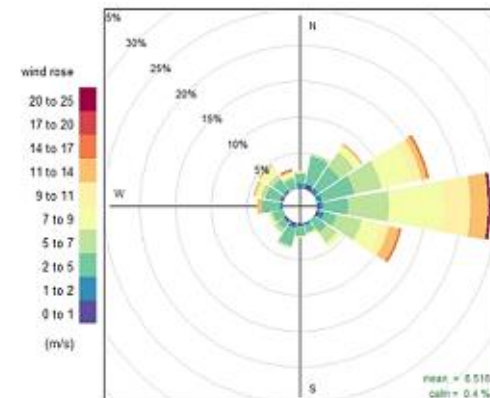
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	1.1	1.4	0.4	0.4	0	0	0	0	0
12-33		0.4	0	0.4	0.4	0	0	0	0	0	0	0
34-56		0.4	0	0.4	0	0	0	0	0	0	0	0
57-78		0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
79-101		0	0.4	0.4	0	0.4	0.4	0	0	0	0	0
102-123		0	0	0.4	0.4	0	0	0	0	0	0	0
124-146		0	0	0.4	0.4	0	0	0	0	0	0	0
147-168		0	0.4	1.1	0	0	0	0	0	0	0	0
168-191		0	0	2.5	0	0.4	0.4	0	0	0	0	0
192-213		0.4	0	2.8	0	0.4	0	0	0	0	0	0
214-236		0	0	1.4	1.4	1.8	0.4	0	0	0	0	0
237-258		0	0.7	2.8	0.7	0.7	3.2	1.1	0.4	0	0	0
259-281		0	0	2.5	1.1	2.8	2.8	2.1	0.4	0	0	0
282-303		0.4	1.1	7.5	3.9	5	2.1	1.4	0	0	0	0
304-326		0	0.7	8.5	6.4	3.6	0	0.7	0	0	0	0
327-348		0.4	0.4	3.2	4.6	3.9	2.5	0	0	0	0	0



Goa

October 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	1.8	0.4	0	0	0	0	0	0	0	0
12-33	0	0	0.7	0.4	0.7	0	0	0	0	0	0	0
34-56	0	0	1.1	0.7	0	0.4	0	0	0	0	0	0
57-78	0	0.7	0.7	0.7	0.7	0	0	0	0	0	0	0
79-101	0	0	1.1	0.4	0.4	0.7	0	0	0	0	0	0
102-123	0.4	0	1.1	0.4	0	0.4	0	0	0	0	0	0
124-146	0	0	0.4	0.7	0.4	0	0	0	0	0	0	0
147-168	0	0	0	0.7	0	0.4	0	0	0	0	0	0
168-191	0.4	0.4	0	0.4	0	0	0	0	0.4	0	0	0
192-213	0	0.4	1.1	0.4	0	0	0	0	0	0	0	0
214-236	0	0.4	2.8	1.4	0.7	0.4	0.4	0.4	0	0	0	0
237-258	0	1.1	2.1	2.8	1.4	1.1	2.1	0.4	0.4	0	0	0
259-281	0	0.4	3.9	3.9	3.9	2.8	3.9	0.7	0	0	0	0
282-303	0	0.4	6.8	8.2	5	3.6	2.8	0	0	0	0	0
304-326	0.4	1.4	3.2	2.5	3.9	0.7	0.4	0	0	0	0	0
327-348	0	0	1.4	1.4	0.4	0.7	0	0	0	0	0	0

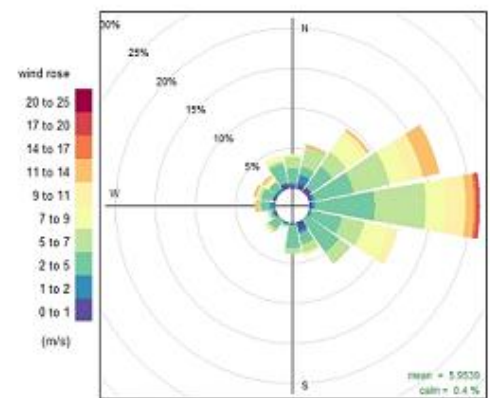


Frequency of counts by wind direction (%)

Goa

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	0.4	0.4	0.4	0.4	0.4	0	0	0	0	0	0	0
12-33	0.4	0	1.4	0.7	0	0.4	0	0	0	0	0	0
34-56	0.4	0	1.4	0.7	0.4	0	0	0	0	0	0	0
57-78	0	0.4	1.8	1.4	0.4	0.7	0	0	0	0	0	0
79-101	0.4	1.1	2.2	0.4	1.1	0.7	1.1	0	0	0	0	0
102-123	0	0.7	3.9	0.4	0.4	0.4	0	0	0	0	0	0
124-146	0	0.7	1.1	0.4	1.4	0.7	0	0	0	0	0	0
147-168	0	0.4	1.4	0.7	0.4	0.4	0	0	0	0	0	0
168-191	0.7	0.4	3.2	1.8	0	0	0	0	0	0	0	0
192-213	1.1	0.4	0.7	0.7	0	0	0	0	0	0	0	0
214-236	1.1	0.4	2.2	1.8	0.4	0	0	0.4	0	0	0	0
237-258	0.4	0	1.8	0.7	3.2	1.4	1.8	1.4	0.4	0	0	0
259-281	0.4	0	1.8	1.8	3.2	2.2	2.5	1.8	0	0	0	0
282-303	0.7	0	3.6	2.9	3.2	1.1	2.2	0.7	0	0	0	0
304-326	0.7	0	1.8	1.4	1.8	0.7	0.4	0	0	0	0	0
327-348	0.7	1.1	2.2	2.2	0.4	0	0	0	0	0	0	0

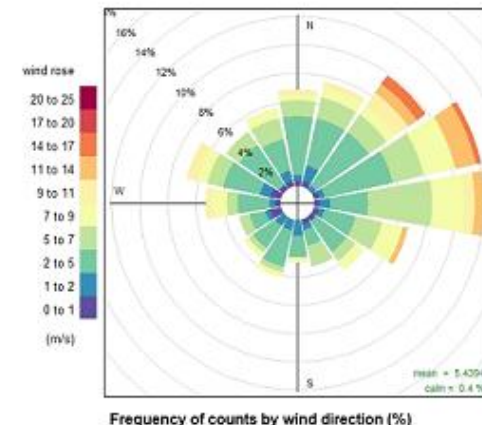


Frequency of counts by wind direction (%)

Goa

October 500 hPa level

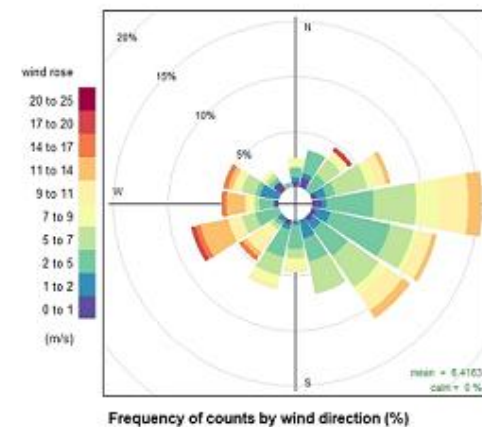
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.4	0.4	1.5	0	0	0	0	0	0	0	0
12-33	0	0	0.4	3.5	0	1.2	0	0	0	0	0	0
34-56	0	0.4	0.4	3.8	1.2	0.4	0	0	0	0	0	0
57-78	0	0.8	1.5	3.1	0	0.4	0	0.8	0	0	0	0
79-101	0	0.4	0.4	3.5	0.4	0.4	0.8	0	0	0	0	0
102-123	0	0.4	0.4	3.8	0.4	0.4	0.8	0.4	0	0	0	0
124-146	0	0.4	1.5	1.5	1.5	0.4	0.4	0	0	0	0	0
147-168	0	0.8	0.8	2.7	0	0.4	0	0	0	0	0	0
168-191	0	0.4	0	1.9	1.5	0	0.4	0	0	0	0	0
192-213	0	0	0.4	2.3	0.4	0	0	0	0	0	0	0
214-236	0	0.8	0	1.9	0.4	1.5	0	0	0	0	0	0
237-258	0	0	0	5.4	3.5	1.5	0.4	0.4	0	0	0	0
259-281	0	0.4	0.4	3.5	3.8	0.8	0.8	0	0	0.4	0	0
282-303	0	0	0.8	5.4	3.5	0.8	2.7	0	0	0	0.4	0
304-326	0	0.8	0.4	3.5	2.3	0.8	0	0	0	0	0	0
327-348	0	0	0.8	0.8	0.8	0.4	0.4	0	0	0	0	0



Goa

October 300 hPa level

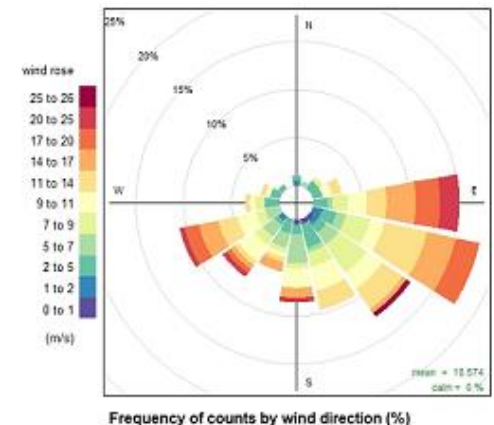
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.4	0.4	0	0	0.4	0	0	0	0
12-33	0	0	0	1.7	0.4	0.4	0.8	0	0.4	0	0	0
34-56	0	0	0	2.1	3.4	1.3	0.4	0.8	0	0	0	0
57-78	0	0.4	1.3	2.5	4.2	3.8	3.8	1.7	1.7	0	0	0
79-101	0	0	0.4	5.9	6.8	7.6	4.6	5.1	0.8	0.8	0	0
102-123	0	0	0	3.8	4.2	4.6	2.5	2.5	1.3	0.4	0	0
124-146	0	0.4	0.4	2.1	1.7	1.7	0.8	0.8	0	0	0	0
147-168	0	0	0	0.8	1.3	0	0	0	0	0	0	0
168-191	0	0.4	0.4	0	0	0	0.8	0	0	0	0	0
192-213	0	0.4	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0.4	0	0	0.4	0	0	0	0	0
237-258	0	0.4	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0.4	0	0	0	0	0	0	0	0
282-303	0	0	0	0.4	0	0	0	0	0	0	0	0
304-326	0	0	0	0.4	0	0	0	0	0	0	0	0
327-348	0	0	0.4	0.4	0	0	0	0	0	0	0	0



Goa

October 200 hPa level

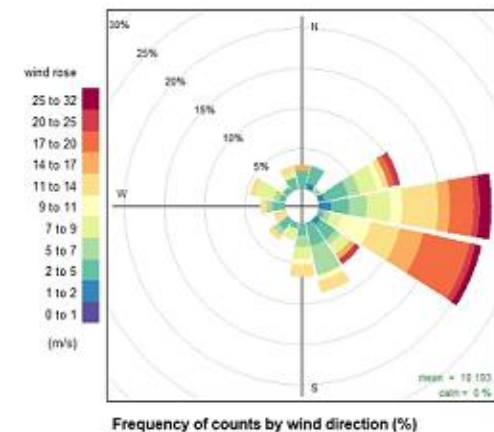
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0.5	0	0	0	0	0	0
34-56	0	0	0	0	0	0	1	0.5	0.5	0	0	0
57-78	0	0.5	0	0.5	0	0.5	2.5	3	5.1	2.5	0.5	0
79-101	0	0	0.5	1	3	3	6.6	13.2	6.6	9.1	1.5	0
102-123	0	0	1	1	1	2	6.6	7.6	6.1	4.1	0	0
124-146	0.5	0	1.5	0	0	1	0.5	1.5	1	0.5	0.5	0
147-168	0	0.5	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	0	0	0	0.5	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

October 100 hPa level

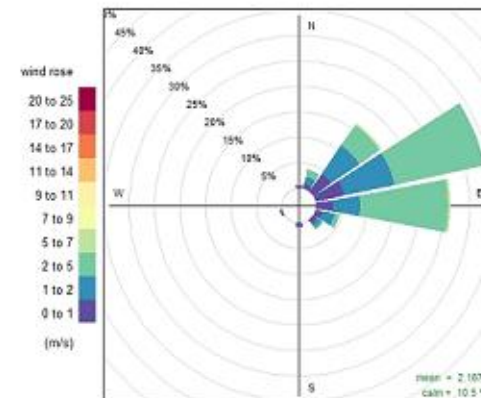
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0.8	0.8	0	0	0.8	0.8	0	0	0
57-78	0	0	0.8	0	0.8	0	0	1.7	0	0.8	1.7	0
79-101	0	0	0	0	0.8	3.4	0.8	4.2	5.1	12.7	28.8	0
102-123	0	0	0.8	0.8	0	1.7	4.2	3.4	5.1	5.9	5.9	0
124-146	0	0	0	0.8	0.8	0	1.7	0	1.7	0	0.8	0
147-168	0	0	0	0	0	0	0.8	0	0	0	0	0
168-191	0	0	0	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0	0	0	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0	0	0	0	0	0	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

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	17	3.3	1.1	1.1	0	0	0	0	0	0	0	0
12-33		5.1	2.2	0.7	0	0	0	0	0	0	0	0
34-56		5.9	4	2.2	0	0	0	0	0	0	0	0
57-78		8.1	7	2.9	0	0	0	0	0	0	0	0
79-101		9.2	7	4.8	0	0	0	0	0	0	0	0
102-123		3.3	0.4	0.7	0	0	0	0	0	0	0	0
124-146		2.9	0.7	0.4	0	0	0	0	0	0	0	0
147-168		0.4	0	1.1	0	0	0	0	0	0	0	0
168-191		1.8	0	0.4	0	0	0	0	0	0	0	0
192-213		0.4	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0	0	0.4	0	0	0	0	0	0
237-258		1.1	0.4	0.7	0	0	0	0	0	0	0	0
259-281		0	0.4	0.4	0	0	0	0	0	0	0	0
282-303		0.4	0	1.1	0	0	0	0	0	0	0	0
304-326		0.4	0	0	0	0	0	0	0	0	0	0
327-348		0.7	0.4	0	0	0	0	0	0	0	0	0

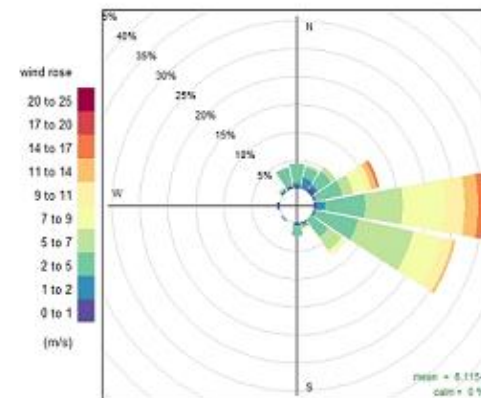


Frequency of counts by wind direction (%)

Goa

November 925 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.5	0.5	3.4	0	0	0	0	0	0	0	0
12-33		0	1.9	1.9	0.5	0	0	0	0	0	0	0
34-56		1	0.5	2.9	1	0	0	0	0	0	0	0
57-78		0	0.5	4.8	1.9	2.4	1	1	0.5	0	0	0
79-101		0.5	1.4	7.2	6.7	7.7	3.4	2.4	1.4	0	0	0
102-123		0	0.5	7.7	10.1	5.3	1.9	0.5	0	0	0	0
124-146		0	0	3.8	2.9	1	0	0	0	0	0	0
147-168		0	0	0.5	0	0.5	0	0	0	0	0	0
168-191		0.5	0.5	1.9	0	0	0	0	0	0	0	0
192-213		0	0	0	0	0	0	0	0	0	0	0
214-236		0	0	0.5	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0.5	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	0.5	0	0.5	0	0	0	0	0	0	0
327-348	0.5	0	3.4	0	0	0	0	0	0	0	0	

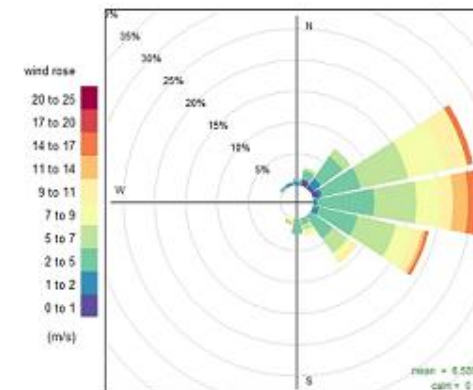


Frequency of counts by wind direction (%)

Goa

November 850 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.5	0.5	0	0	0	0	0	0	0	0	0
12-33	1	0	1.4	0.5	0	0	0	0	0	0	0	0
34-56	0.5	1.4	4.3	1.4	0	0	0	0	0	0	0	0
57-78	1	0.5	6.3	7.7	6.3	3.4	0	1	0	0	0	0
79-101	0	0.5	9.2	6.8	3.9	1.9	2.4	1.9	0	0.5	0	0
102-123	0	1	6.3	6.3	2.9	1.4	0.5	0.5	0	0	0	0
124-146	0	0	4.3	2.9	1	1	0	0	0	0	0	0
147-168	0	0	1	1	1	0	0	0	0	0	0	0
168-191	0	0	2.4	0	0	0	0	0	0	0	0	0
192-213	0	0	0	0	0.5	0	0.5	0	0	0	0	0
214-236	0	0	0	0	0	0	0	0	0	0	0	0
237-258	0	0	0	0	0	0	0	0	0	0	0	0
259-281	0	0	0	0	0	0	0	0	0	0	0	0
282-303	0	0	0	0	0	0	0	0	0	0	0	0
304-326	0	0	0.5	0	0	0	0	0	0	0	0	0
327-348	0	0.5	0	0	0	0	0	0	0	0	0	0

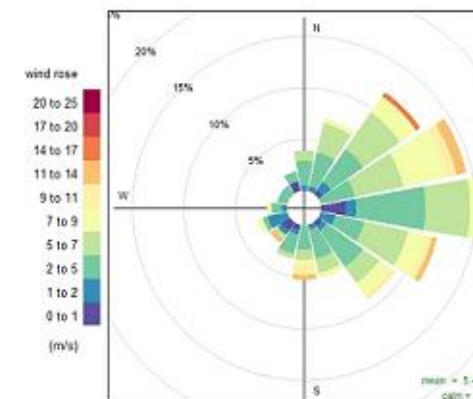


Frequency of counts by wind direction (%)

Goa

November 700 hPa level

Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0.5	2.4	1	0	0	0	0	0	0	0	0
12-33	0	0.5	3.4	2.9	0.5	0	0	0	0	0	0	0
34-56	0.5	1	3.8	4.3	1.9	0	0	0.5	0	0	0	0
57-78	0	0	3.4	4.8	4.3	1	1	0	0	0	0	0
79-101	2.4	1	6.7	4.3	1.4	0.5	0.5	0	0	0	0	0
102-123	0	1.4	2.9	4.3	1.9	0.5	0.5	0	0	0	0	0
124-146	0.5	0.5	4.3	1.9	1.4	0.5	0	0	0	0	0	0
147-168	0	0.5	2.9	1.4	0.5	0	0	0	0	0	0	0
168-191	0	0	2.4	1	0.5	1	0.5	0	0	0	0	0
192-213	0.5	0.5	1.9	0.5	0	0	0	0	0	0	0	0
214-236	1	0.5	0	0.5	0	0	0.5	0	0	0	0	0
237-258	0	1.9	0.5	0	0.5	0	0	0	0	0	0	0
259-281	0	0.5	1	0	0.5	0	0	0	0	0	0	0
282-303	0	0	1	0	0	0	0	0	0	0	0	0
304-326	0	0	1	0	0	0	0	0	0	0	0	0
327-348	1	0	1	0	0	0	0	0	0	0	0	0

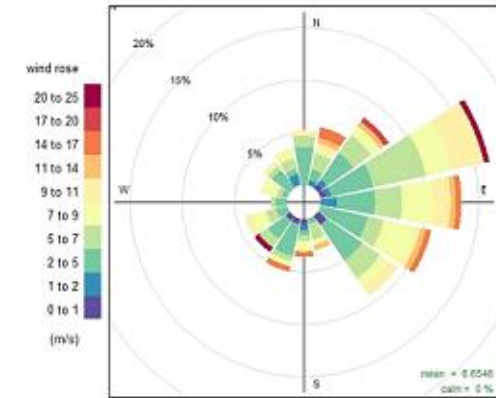


Frequency of counts by wind direction (%)

Goa

November 500 hPa level

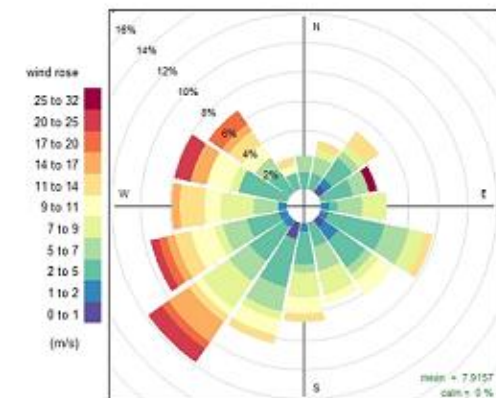
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	3.6	1	0	0.5	0	0	0	0	0	0
12-33	0	0.5	1	1.5	0.5	0.5	0.5	0.5	1	0	0	0
34-56	0.5	0.5	3.1	2.1	1	0	0.5	0	0	0.5	0	0
57-78	0.5	0.5	4.1	5.2	2.6	3.1	0	0	0	0	0.5	0
79-101	0	1.5	3.6	2.6	3.1	1.5	0.5	0.5	0.5	0	0	0
102-123	0	0	4.6	1.5	3.1	0.5	0.5	0.5	0.5	0	0	0
124-146	1	0	4.1	2.1	1	1	0	0	0	0	0	0
147-168	0	0	0.5	1.5	0.5	0	0.5	0	0	0	0	0
168-191	0.5	0.5	0.5	0.5	1	0	0	0	0.5	0	0	0
192-213	0.5	0	3.1	0.5	0.5	0	0	0	0.5	0	0	0
214-236	0.5	0	2.1	1	0	0	0	0	0	0	0.5	0
237-258	0	0	1	1	1.5	0.5	0	0	0	0	0	0
259-281	0	0	1	0.5	0	0	0	0	0	0	0	0
282-303	0	0	0.5	0.5	1.5	0	0	0	0	0	0	0
304-326	0	0	2.1	0.5	0	0.5	0	0	0	0	0	0
327-348	0	1	0.5	1	1	0	0	0	0	0	0	0



Goa

November 300 hPa level

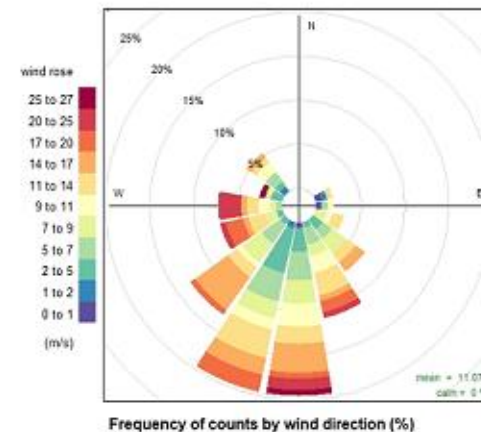
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.1	1.1	0	0	0	0	0	0	0	0
12-33	0	0	1.1	1.1	0.6	0	0.6	0	0	0	0	0
34-56	0.6	0.6	1.7	0.6	0.6	0	1.1	0	0	0	0	0
57-78	0	0	2.2	1.1	0	0	0	0	0	0	0	0.6
79-101	0	0.6	0.6	1.7	1.7	0	0	0	0	0	0	0
102-123	0	0.6	3.9	1.7	1.1	0	0.6	0	0	0	0	0
124-146	0.6	1.1	2.2	0.6	0.6	1.1	0	0	0	0	0	0
147-168	0	0	1.1	1.7	1.7	0.6	0	0	0	0	0	0
168-191	0	0.6	2.8	0.6	1.7	1.1	0.6	0	0	0	0	0
192-213	1.1	0	3.4	1.7	0.6	1.1	0.6	0	0	0	0	0
214-236	0	0.6	2.8	1.7	2.2	0.6	0.6	1.7	0.6	1.1	0	0
237-258	0	0.6	2.2	1.7	0.6	1.7	1.1	0.6	0.6	0.6	0.6	0
259-281	0	0.6	0	1.7	2.2	1.1	1.7	0.6	0	0	0	0
282-303	0	0	3.4	0	0.6	1.7	0	1.1	0	1.1	0	0
304-326	0	0	1.7	1.1	0	1.1	1.1	0.6	1.1	0	0	0
327-348	0	0	1.1	0	0	0.6	0.6	0	0	0	0	0



Goa

November 200 hPa level

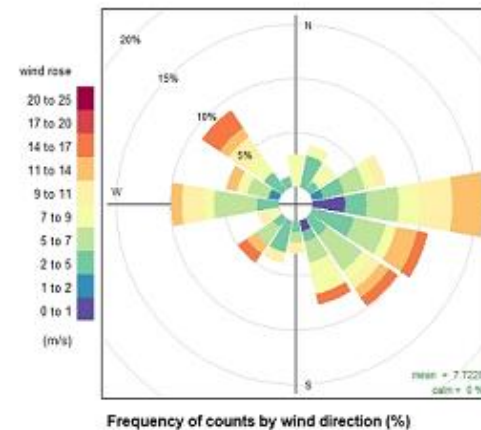
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0	0	0	0	0	0	0
57-78	0.7	0.7	0	0	0	0	0	0.7	0	0	0	0
79-101	0.7	0	0	0.7	0	0.7	0	0	0	0	0	0
102-123	0	0	0	0	1.3	0.7	1.3	0	0	0	0	0
124-146	0	0	1.3	1.3	2	0	1.3	1.3	0	0	0	0
147-168	0	0	0.7	2	1.3	2	2.6	0.7	1.3	0.7	0	0
168-191	0.7	0	2.6	3.3	2.6	2.6	2	3.3	0.7	1.3	0.7	0
192-213	0	0.7	5.2	3.3	2	1.3	3.3	2	2	0	0	0
214-236	0	0	0.7	2.6	2.6	0.7	1.3	4.6	0.7	0	0	0
237-258	0	0	0.7	0	1.3	0	2	0.7	2	0.7	0	0
259-281	0	0	0	0.7	0.7	1.3	1.3	0.7	0	2.6	0	0
282-303	0	0	1.3	0	0.7	0	0	0	0	0	0	0.7
304-326	0	0.7	0.7	1.3	0	1.3	0.7	0.7	0	0	0	0
327-348	0	0	0	0	0	0	0	0	0	0	0	0



Goa

November 100 hPa level

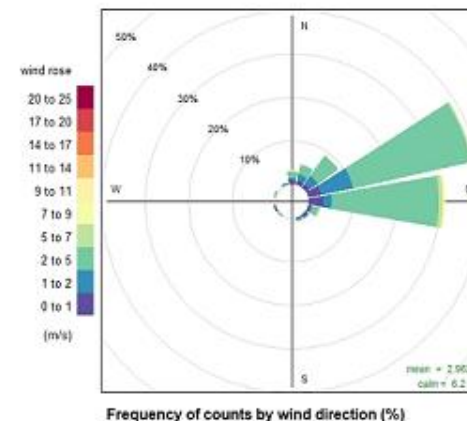
Speed Direction	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0	3	0	0	0	0	0	0	0
12-33	0	0	3	0	1	0	0	0	0	0	0	0
34-56	0	0	1	0	2	0	0	0	0	0	0	0
57-78	0	1	2	2	1	1	0	0	0	0	0	0
79-101	3	0	2	3	2	3	3	0	0	0	0	0
102-123	0	0	4	3	1	0	2	1	0	0	0	0
124-146	0	0	2	4	1	1	1	1	0	0	0	0
147-168	1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



Goa

December 1000 hPa level

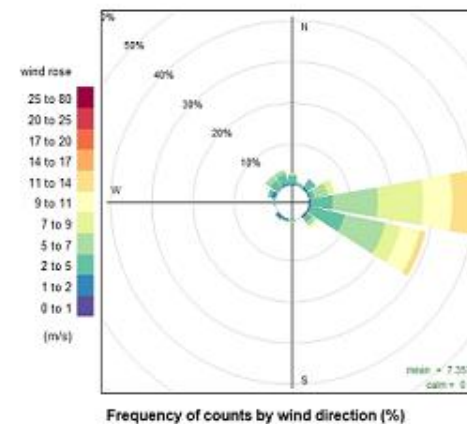
Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	6	0.9	0.5	1.4	0	0	0.5	0	0	0	0	0
12-33		0.9	1.4	2.4	0	0	0	0	0	0	0	0
34-56		0.9	2.4	5.7	0	0	0	0	0	0	0	0
57-78		2.8	7.6	28	0.5	0	0	0	0	0	0	0
79-101		3.3	1.9	24.6	0.9	0.5	0	0	0	0	0	0
102-123		0.5	0.5	1.4	0.5	0	0	0	0	0	0	0
124-146		0.5	0.5	0	0	0	0	0	0	0	0	0
147-168		0	0.5	0.5	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	0.5	0	0	0	0	0	0	0	0
237-258		0.5	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	0.5	0	0	0	0	0	0	0	0
304-326		0	0	0	0	0	0	0	0	0	0	0
327-348		0	0.5	0	0	0	0	0	0	0	0	0



Goa

December 925 hPa level

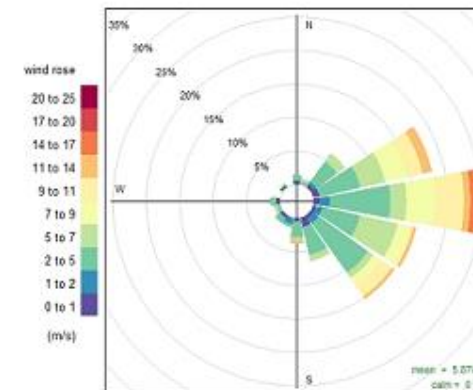
Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0.5	1.9	0	0.5	0	0	0	0	0	0
12-33		0	0	0.5	0.5	0	0	0	0	0	0	0
34-56		0.5	0	2.4	0	0	0	0	0	0	0	0
57-78		0	0.5	1	3.3	1.4	0.5	0	0	0	0	0
79-101		0.5	0	5.2	11	11	7.1	4.8	1	0	0	0.5
102-123		0	0.5	8.6	10	3.8	4.8	1.4	0	0	0	0
124-146		0.5	0	1.4	1	0.5	0.5	0	0	0	0	0
147-168		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	0.5	0	0.5	0	0	0	0	0	0	0
214-236		0	1	0	0	0	0	0	0	0	0	0
237-258		0	0	0	0	0	0	0	0	0	0	0
259-281		0	0	0.5	0	0	0	0	0	0	0	0
282-303		0	1	1	0	0	0	0	0	0	0	0
304-326		0	0	2.4	1.4	0	0	0	0	0	0	0
327-348		0	0.5	2.4	1	0	0	0	0	0	0	0



Goa

December 850 hPa level

Direction Speed	calm	0-1	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	1	0	0	0	0	0	0	0	0
12-33		0	0	0.5	0.5	0	0	0	0	0	0	0
34-56		0.5	0.5	3.8	1.4	0	0	0	0	0	0	0
57-78		1	0	6.2	3.8	3.3	2.4	1.4	0	0	0	0
79-101		1	1.4	9.1	2.4	4.3	4.3	1	1.4	0.5	0	0
102-123		0.5	1	5.7	5.7	1.9	0.5	0.5	0	0	0	0
124-146		0.5	1	9.1	1	1.4	1.9	0.5	0	0	0	0
147-168		1.4	0	4.3	1	0	0	0	0	0	0	0
168-191		0.5	0	2.4	0.5	0	0	0.5	0	0	0	0
192-213		0	1	0.5	0	0	0	0	0	0	0	0
214-236		0.5	0	1	0	0	0	0	0	0	0	0
237-258		0	0	0.5	0.5	0	0	0	0	0	0	0
259-281		0.5	0	1	0	0	0	0	0	0	0	0
282-303		0	0	0	0	0	0	0	0	0	0	0
304-326		0	0.5	0	0	0.5	0	0	0	0	0	0
327-348		0	0	0	0	0	0	0	0	0	0	0

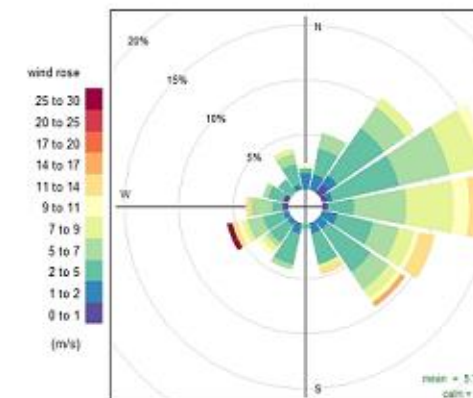


Frequency of counts by wind direction (%)

Goa

December 700 hPa level

Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	1.4	0.5	0	0	0.5	0	0	0	0	0
12-33		0	1.4	2.4	1.4	0	0	0	0	0	0	0
34-56		1	1	5.3	2.4	1	0	0	0	0	0	0
57-78		0.5	0.5	6.2	4.8	2.9	1	0	0	0	0	0
79-101		0.5	0	2.4	4.8	4.3	1.4	1.4	0.5	0	0	0
102-123		0	1.4	3.3	2.4	1.4	0.5	1.4	0	0	0	0
124-146		0	1	4.8	1.9	1	0.5	0	0.5	0	0	0
147-168		0	1	2.9	0	0.5	0	0.5	0	0	0	0
168-191		0	0	0.5	0	0	0	0	0	0	0	0
192-213		0	1	2.9	0.5	0	0	0	0	0	0	0
214-236		0	0.5	1.9	0.5	0.5	0.5	0	0	0	0	0
237-258		0	0.5	1.9	1.4	0.5	0.5	0.5	0	0	0	0.5
259-281		0.5	0	1	1.9	0	0	0.5	0	0	0	0
282-303		0.5	0	1.4	0.5	0	0	0	0	0	0	0
304-326		0	0	1.4	0	0	0	0	0	0	0	0
327-348	0	0.5	1.9	1	0.5	0	0	0	0	0	0	

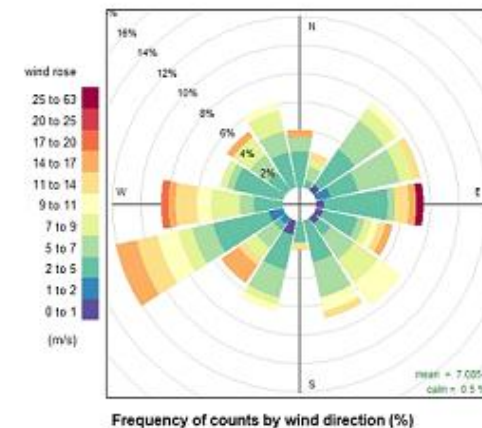


Frequency of counts by wind direction (%)

Goa

December 500 hPa level

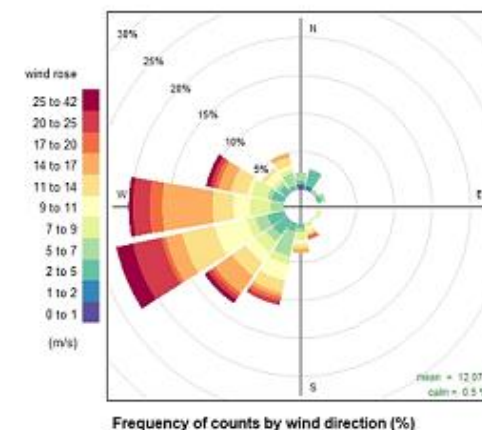
Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	2.5	1	0	0	0	0	0.5	0	0	0
12-33	0	0	0.5	1	0.5	0	0.5	0	0	0	0	0
34-56	0.5	0	3	2.5	1	0.5	0	0	0	0	0	0
57-78	0	1	2	3	1	0	0.5	0	0	0	0	0
79-101	0.5	0	4.5	0.5	0	0	1	0.5	0	0	0	0.5
102-123	0.5	0	2.5	0.5	0.5	0.5	0.5	0.5	0.5	0	0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



Goa

December 300 hPa level

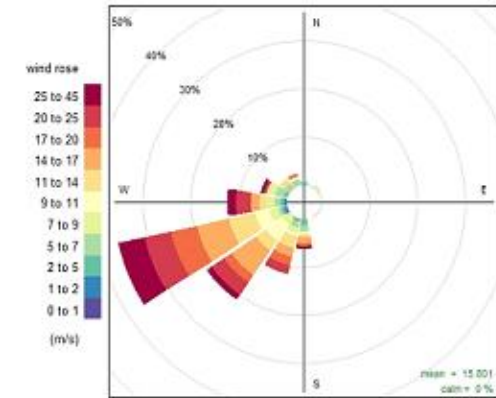
Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0.5	0	0.5	1.1	0	0	0	0	0	0	0	0
12-33	0	0.5	2.2	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0.5	0	0	0	0	0	0	0	0
57-78	0	0	0.5	0.5	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0.5	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0.5	0.5	0.5	0	0.5	0	0	0
168-191	0	0	0.5	0.5	1.1	0.5	0.5	0.5	0.5	0	0	0
192-213	0	0	1.1	3.3	1.1	2.2	1.6	0.5	0.5	0.5	0	0
214-236	0	0	2.2	1.1	1.6	1.6	2.2	2.7	0.5	0.5	0.5	0
237-258	0	0	2.2	1.6	1.1	4.4	4.4	2.2	0.5	3.8	2.2	0
259-281	0	0	0	1.6	2.7	2.2	2.7	6.6	1.6	2.2	0.5	0
282-303	0	0	1.6	0.5	2.2	0.5	2.2	1.6	0.5	0.5	0.5	0
304-326	0	0	1.1	0.5	0.5	1.1	0.5	0	0	0	0	0
327-348	0	0	0.5	1.6	0.5	0.5	1.1	0.5	0	0	0	0



Goa

December 200 hPa level

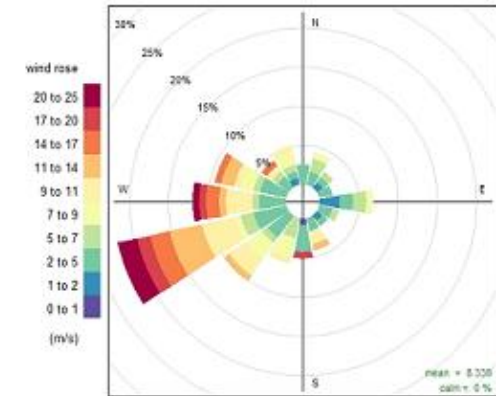
Direction Speed	calm	0-1	1-2	2-5	5-7	7-9	9-11	11-14	14-17	17-20	20-25	25 +
349-11	0	0	0	0.6	0	0	0	0	0	0	0	0
12-33	0	0	0	0	0	0	0	0	0	0	0	0
34-56	0	0	0	0	0	0.6	0	0	0	0	0	0
57-78	0	0	0	0	0	0	0	0	0	0	0	0
79-101	0	0	0	0	0	0	0	0	0	0	0	0
102-123	0	0	0	0	0	0	0	0	0	0	0	0
124-146	0	0	0	0	0	0	0	0	0	0	0	0
147-168	0	0	0	0	0	0	0	0	0	0	0	0
168-191	0	0	0	1.2	1.2	0	1.2	0.6	1.2	0.6	0	0.6
192-213	0	0	0.6	1.2	1.2	0.6	2.5	1.9	1.9	1.9	1.9	0
214-236	0	0	0	0	0	1.9	4.3	2.5	6.2	1.9	3.1	1.2
237-258	0	0.6	0.6	0.6	1.9	3.1	5.6	6.8	5.6	5.6	5.6	5.6
259-281	0	0.6	0.6	1.2	1.9	0	1.2	1.9	0	3.1	1.9	1.9
282-303	0	0	0.6	1.9	1.9	0	0	0	0	0	0.6	0.6
304-326	0	0	0	1.2	0	0	1.2	0	0	0	0	0
327-348	0	0	0	1.2	0	0.6	0	0	0	0.6	0	0



Goa

December 100 hPa level

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



Goa

43192

Station height 60

January

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1004.6	1010	1000	21.2	25	15.4	18.4	52	2.4	-1.9	-1.5	3.2
1000	100	146	61	21.7	29	15.4	17.7	50	2.5	-1.9	-1.6	3.3
950	545	627	470	22.9	29.2	13	10.7	53	3.1	-2.5	-1.9	5.6
925	777	858	733	21.7	28.2	13.8	9.6	58	2.8	-2.4	-1.5	5.8
900	1015	1094	971	20.4	32	11.8	7.2	73	2.7	-2.6	-0.8	5.8
850	1505	1595	1435	17.1	28	8.4	4.6	102	2.4	-2.3	0.5	5.2
800	2018	2113	1949	13.5	23.2	6.2	1.2	124	2.2	-1.8	1.2	5
750	2558	2650	2484	10.7	21	1	-4	143	1.5	-0.9	1.2	5.2
700	3129	3229	3052	8.3	19.4	-2.1	-9.7	254	0.7	0.7	0.2	5.6
650	3738	3848	3653	5.4	12.8	-7.5	-13.7	282	1.9	1.9	-0.4	6.5
600	4388	4887	4294	1.8	9.2	-9.7	-16.5	282	2.9	2.8	-0.6	7.4
550	5083	5218	4978	-2.3	6	-12.8	-19.5	280	4	3.9	-0.7	8.2
500	5833	5986	5705	-6.9	4.4	-17.3	-22.9	275	5.2	5.2	-0.5	9.3
450	6646	6814	6491	-12.1	0.8	-21.1	-28.3	273	6.6	6.6	-0.3	10.8
400	7538	7714	7356	-18	-2.1	-28.3	-32.6	271	8.6	8.6	-0.1	12.7
350	8522	8721	8315	-25	-8.7	-36.5	-39.1	267	11.2	11.2	0.5	14.7
300	9628	9901	9383	-33.1	-13.2	-43.9	-46.1	260	13.1	12.9	2.2	16.4
250	10884	11242	10598	-43.2	-21.4	-53.5	-54.3	254	14.1	13.5	3.9	17.4
200	12348	12866	12020	-55	-22.6	-67.1	-63.5	251	13.3	12.5	4.4	17
175	13187	13592	12834	-61.8	-47.3	-72.8		252	12.5	11.9	3.9	16.4
150	14125	14569	13743	-68.6	-54.1	-80.1		249	10.4	9.7	3.8	14.2
125	15199	15684	14800	-74.8	-60.5	-90.9		251	7.5	7.1	2.5	11.6
100	16470	17017	16072	-79.4	-58	-87.7		254	4.4	4.2	1.2	8.6
80	17734	18312	17382	-78	-53.9	-88.3		243	1.8	1.6	0.8	5.7
70	18498	19071	18129	-75	-51.6	-86.1		233	1.5	1.2	0.9	5.2
60	19403	19963	19015	-70.3	-49	-81.9		255	1.1	1.1	0.3	4.4
50	20496	21153	20096	-65.2	-48.1	-79.1		225	0.4	0.3	0.3	4.6
40	21868	22520	21466	-60.6	-47.5	-76.7		90	0.9	-0.9	0	4.2
30	23670	24231	23212	-57.3	-47.5	-77.3		51	1.4	-1.1	-0.9	5.5
25	24827	25406	24381	-55.9	-44.3	-68.1		34	2.3	-1.3	-1.9	6.4
20	26238	26866	25769	-54.4	-45.5	-62.9		26	4.1	-1.8	-3.7	6.8
15	28125	28726	27573	-49.8	-43.1	-59.9		359	8.1	0.2	-8.1	9.5
10	30708	30877	30153	-48.9	-45.1	-55.5		346	10.2	2.4	-9.9	11.5
7	33097	33215	32945	-45.9	-41	-50.2		305	3.3	2.7	-1.9	6.8

FREEZING LEVEL

P	Height	H_max	H_min
578	4693	6090	2320

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
100	16467	-81

Goa

43192

Station height 60

February

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1003.8	1008	999	21.8	25.8	18	19	16	2.5	-0.7	-2.4	3.2
1000	94	130	60	22.1	29.6	16.7	18.4	16	2.5	-0.7	-2.4	3.2
950	538	579	485	23.2	32.2	14	10.4	9	3.7	-0.6	-3.7	5.8
925	771	813	731	22.6	30.6	13.4	7.9	16	2.6	-0.7	-2.5	5.8
900	1009	1052	940	21.7	30.6	11	5.3	5	2.4	-0.2	-2.4	6.1
850	1501	1552	1411	18.8	29.8	8	3.1	82	0.7	-0.7	-0.1	5.6
800	2017	2082	1911	15	26	5.4	1	126	1.9	-1.5	1.1	5.4
750	2558	2656	2451	10.9	22.4	3	-2.1	135	2	-1.4	1.4	5.4
700	3129	3233	3023	7.6	19	-5.5	-7.4	166	0.8	-0.2	0.8	5.5
650	3735	3861	3113	4.8	15.8	-8.9	-13.2	284	1.6	1.6	-0.4	6
600	4385	4534	4255	1.6	12.2	-8.9	-17.1	291	3.4	3.2	-1.2	7.3
550	5079	5258	4934	-2.5	9.4	-14.9	-22.2	288	4.4	4.2	-1.4	8.4
500	5829	6044	5668	-7.1	5.3	-24.9	-26.4	286	5.4	5.2	-1.5	9.4
450	6642	6889	6459	-12.3	12.2	-22.5	-29.4	282	7	6.8	-1.5	11.3
400	7534	7812	7335	-18.2	-2.2	-29.5	-35.1	277	8.7	8.6	-1.1	13.1
350	8518	8847	8304	-25.2	-5.9	-37.1	-39.7	275	10.9	10.9	-1	15.1
300	9606	10001	9404	-33.5	-20.7	-45.7	-46.5	269	12.9	12.9	0.2	16.8
250	10877	11333	10633	-43.4	-29.1	-54.9	-56.1	263	13.5	13.4	1.7	17.3
200	12340	12873	12040	-55.1	-41.1	-71.1	-64.7	258	13.2	12.9	2.7	17.1
175	13181	13756	12851	-61.6	-47.7	-76.3		257	12.2	11.9	2.7	16.2
150	14118	14748	13753	-68.5	-55.5	-82.1		253	10.1	9.6	3	14.1
125	15195	15885	14772	-74.6	-28.1	-89.1		253	7.4	7.1	2.2	11.6
100	16472	17116	16040	-79.4	-68.3	-89.3		256	4.2	4.1	1	8.5
80	17738	18429	17248	-78.7	-60.7	-90.5		252	2	1.9	0.6	6.7
70	18499	19206	18042	-75.9	-58.1	-87.9		245	1.4	1.3	0.6	5.6
60	19365	20130	18890	-71.5	-58.1	-83.9		249	1.4	1.3	0.5	5
50	20493	21037	19918	-66.6	-50.3	-78.9		241	1	0.9	0.5	3.9
40	21861	22474	21228	-61.9	-50.1	-70.7		45	0.1	-0.1	-0.1	3.3
30	23659	24344	22982	-58	-46.7	-67.1		73	1.7	-1.6	-0.5	4.7
25	24801	25299	24110	-56.8	-50.5	-64.7		34	1.1	-0.6	-0.9	5
20	26229	26563	25774	-54.8	-49.3	-61.7		23	2.3	-0.9	-2.1	7.3
15	28042	28367	27560	-51.9	-44.3	-60.3		6	7.4	-0.8	-7.4	12.6
10	30762	30833	30681	-47.1	-41.7	-52.9		358	11.8	0.5	-11.8	12.3
7	33117	33245	33000	-45	-41.8	-52.1		338	5.6	2.1	-5.2	6.6

FREEZING LEVEL

P	Height	H_max	H_min
582	4655	6530	2910

FIRST TROPOPAUSE

P	Height	Temp

SECOND ROPOPAUSE

P	Height	Temp
99	16572	-81.2

Goa

43192

Station height 60

March

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1002.6	1008	998	24.1	29.6	18.8	21.7	16	2.5	-0.7	-2.4	2.5
1000	83	125	40	24.1	29.2	19	21.4	16	2.5	-0.7	-2.4	2.5
950	529	576	460	23.9	33.2	14.4	15.5	9	3.7	-0.6	-3.7	5
925	762	812	717	23.8	34.8	12.4	12.1	16	2.6	-0.7	-2.5	5.3
900	1001	1060	903	23.6	34.4	14	6.8	5	2.4	-0.2	-2.4	6.1
850	1498	1555	1441	21.3	32.2	11	3.6	82	0.7	-0.7	-0.1	5.9
800	2018	2091	1909	17.6	28.4	9.6	2.6	126	1.9	-1.5	1.1	5.4
750	2564	2660	2453	13.1	24	4	0.8	135	2	-1.4	1.4	5.6
700	3139	3258	3030	8.4	18.2	-3.1	-2.1	166	0.8	-0.2	0.8	5.7
650	3747	3886	3631	4.3	16.8	-2.9	-7.4	284	1.6	1.6	-0.4	5.4
600	4394	4544	4271	1.1	10.6	-6.9	-14.1	291	3.4	3.2	-1.2	5.7
550	5089	5250	4950	-2.5	8	-10.7	-19.6	288	4.4	4.2	-1.4	6.8
500	5839	6009	5676	-6.8	3	-18.8	-24.1	286	5.4	5.2	-1.5	8
450	6652	6831	6478	-12.1	-2.7	-21.2	-29.1	282	7	6.8	-1.5	9.4
400	7544	7752	7351	-18.2	-9.7	-28.1	-33.9	277	8.7	8.6	-1.1	11.2
350	8528	8722	8316	-25	-13.3	-33.9	-39.5	275	10.9	10.9	-1	13.5
300	9631	9892	9402	-33.2	-23.5	-42.7	-46	269	12.9	12.9	0.2	15.7
250	10886	11170	10657	-43.1	-29.7	-53.5	-54.8	263	13.5	13.4	1.7	16.8
200	12352	12687	12076	-54.7	-35	-67.3	-65.1	258	13.2	12.9	2.7	16.1
175	13193	13583	12911	-61.3	-40.5	-73.5	-58.7	257	12.2	11.9	2.7	15.1
150	14134	14624	13790	-67.9	-43.7	-82.5		253	10.1	9.6	3	13.3
125	15208	15840	14809	-74.4	-48.5	-86.3		253	7.4	7.1	2.2	11
100	16490	16958	16077	-78.9	-55.9	-88.1		256	4.2	4.1	1	7.5
80	17754	18320	17297	-78.2	-59.7	-88.1		252	2	1.9	0.6	5.4
70	18520	19099	18042	-75.1	-56.9	-84.9		245	1.4	1.3	0.6	4.7
60	19395	20028	18940	-70.5	-51.1	-84.1		249	1.4	1.3	0.5	4.4
50	20514	21183	20038	-65.4	-47.9	-87.3		241	1	0.9	0.5	4.6
40	21889	22524	21397	-60.7	-49.1	-82.1		45	0.1	-0.1	-0.1	4.2
30	23699	24346	23223	-56.6	-45.9	-68.9		73	1.7	-1.6	-0.5	5.5
25	24855	25515	24388	-54.7	-42.5	-62.9		34	1.1	-0.6	-0.9	6.9
20	26292	26957	25936	-52.5	-45.5	-60.1		23	2.3	-0.9	-2.1	6.8
15	28111	28332	27790	-48.2	-41.7	-58.1		6	7.4	-0.8	-7.4	8.5
10	30847	31061	30552	-43.7	-39.2	-57.1		358	11.8	0.5	-11.8	12.8
7	33205	33342	32807	-40.7	-34.7	-56.1		338	5.6	2.1	-5.2	17

FREEZING LEVEL

P	Height	H_max	H_min
587	4591	6360	3200

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
99	16574	-81.1

Goa

43192

Station height 60

April

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1001.4	1006	997	26	29.6	22.2	21.6	349	1.6	0.3	-1.6	2.4
1000	75	200	36	26	30.3	21.2	22.9	353	1.6	0.2	-1.6	2.4
950	520	648	455	24.1	31.8	18.2	19.7	342	2.5	0.8	-2.4	4.4
925	755	881	713	23.5	33.2	17.8	16.6	342	2.2	0.7	-2.1	4.7
900	993	1120	928	23.4	36.2	13.7	11.1	342	3.3	1	-3.1	5.6
850	1490	1615	1408	22.6	32	11.2	5.6	344	3.2	0.9	-3.1	6.1
800	2014	2138	1904	19.5	29	4.9	3.9	360	1.9	0	-1.9	5.3
750	2563	2674	2452	15.1	24	6	2.7	80	1.7	-1.7	-0.3	4.9
700	3142	3244	3026	10.2	21.7	1.3	0.7	98	2.8	-2.8	0.4	5.3
650	3752	3860	3634	5.3	20.7	-4.1	-3.1	94	3	-3	0.2	5.5
600	4402	4523	4278	1.1	12.7	-5.9	-9	85	2.3	-2.3	-0.2	5.3
550	5097	5235	4969	-2.4	5.6	-11.6	-15.5	41	0.9	-0.6	-0.7	5.4
500	5847	6000	5715	-6.3	2	-16.2	-21	321	1.3	0.8	-1	6.3
450	6663	6833	6539	-11.2	-1.9	-19.4	-26.6	292	2.4	2.2	-0.9	7.5
400	7559	7780	7422	-17.2	-7.9	-25.3	-32	280	3.9	3.8	-0.7	9
350	8548	8789	8386	-24.1	-13.7	-33.9	-38.5	274	6.2	6.2	-0.4	10.9
300	9656	9889	9451	-32.1	-21.5	-44.7	-45	266	8.6	8.6	0.6	12.8
250	10919	11201	10662	-41.8	-32.7	-55.1	-53.4	260	10.4	10.2	1.8	14
200	12396	12739	12128	-53.4	-40.9	-67.7	-63.3	253	11.2	10.7	3.3	14.3
175	13244	13621	12921	-59.9	-45.1	-73.5	-65.1	251	10.3	9.7	3.4	13.3
150	14192	14605	13857	-66.6	-52.9	-79.1		250	8.4	7.9	2.9	11.2
125	15274	15731	14900	-73.3	-57.4	-88.3		254	5.1	4.9	1.4	8.4
100	16559	17060	16127	-78.5	-62.9	-89.9		257	1.3	1.3	0.3	6.9
80	17825	18391	17341	-77.8	-56.1	-87.9		85	1.2	-1.2	-0.1	5.5
70	18592	19199	18082	-74.6	-52.7	-86.1		82	0.7	-0.7	-0.1	4.8
60	19370	20143	18959	-69.5	-51.1	-82.6		101	0.5	-0.5	0.1	4.2
50	20592	21301	20022	-63.7	-46.5	-74.5		315	0.1	0.1	-0.1	4
40	21979	22758	21369	-59.1	-43.1	-70.1		66	1	-0.9	-0.4	4
30	23779	24535	23246	-54.5	-40.3	-64.3		51	2.2	-1.7	-1.4	4.7
25	24954	25766	24378	-52	-40.3	-60.5		49	3.5	-2.6	-2.3	5.5
20	26397	26872	25744	-49.5	-39.5	-59.1		41	4.3	-2.8	-3.2	6.1
15	28293	28739	27799	-46.6	-41.7	-56.7		12	5.6	-1.2	-5.5	6.7
10	31054	31283	30936	-41	-36.2	-52.9		3	11	-0.5	-11	11.7
7	33430	33509	33310	-35.7	-31.2	-39.6		2	16	-0.6	-16	16.2

FREEZING LEVEL

P	Height	H_max	H_min
582	4656	6400	3214

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
99	16666	-80.4

Goa

43192

Station height 60

May

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1000.1	1004	993	27.2	31.2	22.8	24.2	322	1.8	1.1	-1.4	2.9
1000	71	96	0	27.1	30.8	22.7	24.1	333	1.3	0.6	-1.2	2.4
950	512	598	412	24.6	32.4	17.2	21.6	316	2.8	1.9	-2	5.1
925	746	784	669	23.2	31	13.8	20.3	301	2.3	2	-1.2	5.5
900	984	1027	919	22.1	31.2	9.6	17.1	307	3.1	2.5	-1.9	6
850	1479	1556	1411	21.1	30.4	7.2	10.3	314	3.2	2.3	-2.2	6.5
800	2002	2069	1921	19	28.8	6.8	5.8	326	2.2	1.2	-1.8	6.2
750	2551	2636	2460	15.4	24.6	0.6	3.8	27	1.1	-0.5	-1	5.6
700	3132	3231	3025	11.1	19	2.8	1.3	76	2.1	-2	-0.5	5.9
650	3744	3855	3638	6.4	17.8	-5.1	-2	82	2.8	-2.8	-0.4	6.1
600	4396	4660	4277	2	11	-8.5	-6.3	81	3.1	-3.1	-0.5	6.1
550	5093	5353	4962	-1.8	6.8	-10.9	-12.2	70	2.7	-2.5	-0.9	5.9
500	5846	6102	5699	-5.5	2	-14.9	-17.6	54	2.4	-1.9	-1.4	6.2
450	6666	6920	6492	-10.1	-1.9	-18.9	-22.4	43	2.3	-1.6	-1.7	6.9
400	7565	7743	7370	-15.6	-6.1	-23.1	-28.2	28	1.5	-0.7	-1.3	7.2
350	8560	8762	8341	-22.3	-12.3	-32.1	-34.5	315	0.8	0.6	-0.6	7.2
300	9677	9913	9438	-30.4	-20.3	-40.1	-41.3	263	1.7	1.7	0.2	7.5
250	10948	11221	10689	-40.2	-28.5	-50.5	-50.7	234	2.7	2.2	1.6	8
200	12430	12751	12117	-52.2	-37.1	-62.7	-60.8	211	3.1	1.6	2.7	8.9
175	13282	13631	12927	-59.2	-47.9	-77.9	-63.9	192	3	0.6	2.9	9.2
150	14231	14612	13825	-66.5	-54.3	-79.1	-68.8	158	3.1	-1.2	2.9	9.3
125	15311	15727	14841	-73.9	-58.5	-87.1		117	4.4	-3.9	2	9.7
100	16594	17063	16145	-79.4	-57.9	-89.7		98	7.1	-7	1	9.8
80	17861	18369	17364	-77.8	-55.1	-89.1		91	6.6	-6.6	0.1	8.5
70	18630	19141	18115	-74	-51.1	-95		87	5	-5	-0.3	6.7
60	19404	20055	19002	-68	-48.9	-79.9		92	3.5	-3.5	0.1	5.4
50	20653	21219	20208	-62.7	-44.9	-77.3		71	4	-3.8	-1.3	5.5
40	22025	22679	21563	-58.6	-42.4	-79.3		68	5.3	-4.9	-2	6.7
30	23816	24509	23348	-54.4	-41.9	-82.9		73	6.1	-5.8	-1.8	8.2
25	24961	25736	24446	-52.3	-40.3	-82.7		65	6.5	-5.9	-2.8	9
20	26399	27030	25829	-50.2	-41.1	-83.3		41	6.2	-4.1	-4.7	8.8
15	28283	28579	27841	-47.8	-42.3	-58.3		27	8.5	-3.8	-7.6	11.8
10	30963	31198	30472	-42.3	-36	-53.1		357	10.5	0.6	-10.5	13.6
7	33428	33568	33144	-37.5	-28.8	-50.1		357	11.9	0.6	-11.9	13

FREEZING LEVEL

P	Height	H_max	H_min
574	4770	6410	2500

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
98	16755	-81.4

Goa

43192

Station height 60

June

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	998.4	1004	988	26.2	29.8	21.6	24.4	261	3	3	0.5	4.5
1000	65	100	0	26.2	29.8	22.2	24.6	267	2.2	2.2	0.1	3.2
950	496	553	360	24.2	34.2	15.6	22	268	4.6	4.6	0.2	6.3
925	730	788	642	22.8	32.8	13.6	20.9	264	4.9	4.9	0.5	6.8
900	969	1028	882	21.3	32	12	18.9	269	5.9	5.9	0.1	7.6
850	1462	1523	1378	18.6	28.4	10	15.6	270	6.1	6.1	0	8
800	1980	2053	1899	16	25.4	6.4	12.1	268	5.4	5.4	0.2	7.5
750	2525	2622	2442	13.3	24.2	3.8	7.8	269	4.5	4.5	0.1	7.3
700	3103	3223	3012	10.3	19.8	2.2	3.1	268	3.6	3.6	0.1	7.2
650	3715	3857	3592	6.8	15.6	-0.3	-0.4	270	2.7	2.7	0	7.1
600	4369	4532	4192	3.1	12.6	-5	-3.9	267	2	2	0.1	6.7
550	5070	5253	4845	-0.5	10.4	-7.9	-7.4	258	1.4	1.4	0.3	5.9
500	5826	6031	5559	-4.3	7	-11.7	-11.6	259	1	1	0.2	5.3
450	6650	6870	6349	-8.9	3.8	-17.4	-16.4	270	0.2	0.2	0	4.8
400	7555	7786	7233	-14.3	-2.5	-24.2	-22	76	0.8	-0.8	-0.2	4.7
350	8556	8816	8234	-20.9	-7.7	-30.4	-28.7	83	2.5	-2.5	-0.3	5.1
300	9680	9997	9383	-29.1	-16.1	-38.7	-36.8	84	4	-4	-0.4	6.1
250	10958	11266	10680	-39.2	-24.5	-51.5	-46.3	83	6.3	-6.2	-0.8	8.4
200	12450	12755	12132	-51.8	-40.9	-67.3	-57.1	87	10.2	-10.2	-0.5	12.7
175	13302	13643	12945	-59.1	-47.5	-77.5	-63.8	88	11.7	-11.7	-0.4	14.4
150	14248	14642	13850	-67	-55.1	-83.7	-67.5	88	14.6	-14.6	-0.4	17.8
125	15326	15773	14888	-74.9	-62.3	-90.8		89	17.2	-17.2	-0.3	20.3
100	16602	17132	16171	-79.9	-61	-90.9		87	17.5	-17.5	-0.8	20.6
80	17868	18450	17410	-76.9	-59.8	-86.5		83	12.6	-12.5	-1.5	15.1
70	18647	19258	18179	-72.5	-56.9	-85.1		84	10.3	-10.2	-1.1	12.3
60	19412	20068	19049	-68	-53.1	-85.3		78	8.3	-8.1	-1.7	9.8
50	20666	21244	20094	-63.3	-47.9	-78.5		78	8.7	-8.5	-1.8	10.1
40	22054	22715	21412	-59.2	-44.9	-68.5		70	8	-7.5	-2.7	10.1
30	23853	24632	23508	-54.9	-43.5	-65.3		57	9.8	-8.2	-5.4	13.4
25	24991	25626	24664	-52.8	-44.5	-62.1		53	11.6	-9.3	-7	17.2
20	26441	27127	26190	-49.9	-42.3	-56.9		50	11.6	-8.9	-7.5	17.8
15	28282	28436	28033	-47.7	-42.5	-57.5		30	15.4	-7.6	-13.4	21.4
10	30979	31055	30838	-42.4	-35.7	-47.7		7	21.1	-2.6	-20.9	21.3
7	33424	34031	33149	-38	-28.7	-46.7		358	18.6	0.7	-18.6	19.5

FREEZING LEVEL

P	Height	H_max	H_min
558	4968	6480	3580

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
102	16554	-81.8

Goa

43192

Station height 60

July

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	999	1004	993	25.6	36.2	22.6	23.9	268	4.7	4.7	0.2	5.3
1000	66	94	27	25.7	28	22	24	267	3.6	3.6	0.2	4.3
950	500	575	440	23.6	30.2	14.4	21.6	264	7.2	7.2	0.7	8.5
925	731	769	689	22	27.4	13.6	20.2	261	7.9	7.8	1.2	9.9
900	971	1019	913	20.6	27.2	13	18.5	267	8.6	8.6	0.5	10.2
850	1463	1516	1379	17.7	25	10.2	15.3	267	8.7	8.7	0.4	10.3
800	1979	2046	1873	14.9	23.4	6.6	12.4	266	8.1	8.1	0.5	9.7
750	2522	2600	2400	12.2	21	1.4	8.4	267	7.6	7.6	0.4	9.4
700	3098	3188	2962	9.6	20.2	1.6	3.6	268	7.1	7.1	0.2	9.1
650	3710	3812	3581	6.5	14.2	-6.1	-0.9	270	5.9	5.9	0	8.3
600	4363	4625	4220	3	10.4	-4.7	-4.1	272	4.7	4.7	-0.2	7.5
550	5064	5318	4906	-0.5	7.8	-8.3	-7.1	276	3.6	3.6	-0.4	6.6
500	5821	6061	5647	-4.4	3.8	-14.7	-11.7	275	2.4	2.4	-0.2	5.6
450	6644	6873	6446	-9	-0.7	-17.9	-16.5	291	0.9	0.8	-0.3	5.1
400	7549	7736	7329	-14.5	-5.3	-23.2	-22.2	67	1.3	-1.2	-0.5	5
350	8548	8765	8305	-21.3	-11.1	-30.7	-28.6	78	3.5	-3.4	-0.7	5.9
300	9671	9924	9414	-29.5	-17.7	-40.9	-37	84	6.5	-6.5	-0.7	8.1
250	10945	11259	10673	-39.8	-26.1	-51.3	-46.7	84	10.7	-10.6	-1.2	12.4
200	12429	12770	12122	-52.6	-40.5	-65.5	-58.1	84	17.2	-17.1	-1.7	19.5
175	13279	13646	12923	-59.9	-46.5	-75.7	-65.2	82	20.6	-20.4	-2.7	23.3
150	14225	14632	13794	-67.7	-52.9	-80.3	-74.8	80	24	-23.7	-4	27.3
125	15298	15761	14887	-75.7	-60.7	-87.7		80	25.4	-25	-4.4	29.2
100	16570	17126	16104	-79.2	-60.5	-91.3		80	23.1	-22.8	-3.9	27.5
80	17853	18511	17498	-74.3	-57.1	-87.7		78	17.2	-16.8	-3.5	20.4
70	18631	19302	18251	-70.8	-57.5	-84.5		78	14.5	-14.2	-3.1	17.4
60	19418	20262	19188	-67.2	-51.9	-81.3		75	12.1	-11.7	-3.1	14.5
50	20662	21382	20262	-63.8	-47.7	-73.3		70	10.9	-10.2	-3.7	13.4
40	22046	22424	21642	-60.1	-48.1	-71.1		63	10.9	-9.7	-4.9	14.3
30	23859	24282	23479	-57.1	-47.7	-67.1		47	11.8	-8.6	-8.1	16.6
25	25013	25481	24614	-55	-47.3	-65.3		35	14.2	-8.2	-11.6	20.3
20	26432	26678	26015	-52.7	-47.7	-63.5		21	16.1	-5.9	-15	20.8
15	28327	28550	27791	-49.1	-42.8	-61.3		11	17	-3.2	-16.7	21.2
10	30967	31152	30809	-43.2	-38.5	-49.2		3	24.6	-1.2	-24.6	27.6
7	33418	33585	33166	-38.8	-34.9	-41.9		5	28.6	-2.7	-28.5	28.9

FREEZING LEVEL

P	Height	H_max	H_min
558	4964	6750	3233

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
106	16240	-81.7

Goa

43192

Station height 60

August

PRESSURE	HEIGHT	Hmax	Hmin	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1000	1010	993	25.2	28.4	22.6	23.8	275	4.3	4.3	-0.4	4.6
1000	69	103	14	25.1	29.6	22	23.9	274	2.6	2.6	-0.2	3.3
950	508	596	435	23.1	29.4	16.8	21.1	272	6.5	6.5	-0.2	8.3
925	740	784	675	21.5	27	14.8	19.9	267	6.8	6.8	0.4	9.6
900	978	1022	918	20.1	27	12.4	18.1	273	7.6	7.6	-0.4	9.6
850	1469	1516	1412	17.3	24.4	9.8	15.2	273	7.5	7.5	-0.4	9.5
800	1985	2043	1927	14.7	22	6	12.2	272	7.1	7.1	-0.3	9.2
750	2527	2600	2402	12.1	19.2	3.2	8.4	271	6.9	6.9	-0.1	9
700	3103	3189	3015	9.4	16.8	-1.8	3.6	272	6.3	6.3	-0.2	8.5
650	3715	3814	3602	6.3	13.2	-3.9	-0.9	275	5.4	5.4	-0.5	7.7
600	4368	4479	4265	2.9	10.4	-7.5	-4.7	277	4.2	4.2	-0.5	6.6
550	5068	5190	4951	-0.7	7	-8.1	-8.3	277	3.1	3.1	-0.4	5.6
500	5824	5981	5693	-4.6	3	-12.1	-12.8	284	2.1	2	-0.5	5
450	6646	6817	6508	-9.1	6.8	-16.9	-17.3	315	1.1	0.8	-0.8	4.6
400	7551	7742	7392	-14.7	-5.9	-22.3	-22.7	39	1.4	-0.9	-1.1	4.6
350	8549	8771	8362	-21.5	-12.9	-29.7	-29.4	69	3.3	-3.1	-1.2	5.7
300	9670	9938	9448	-29.7	-19.9	-37.9	-37.2	77	6.1	-5.9	-1.4	8.1
250	10945	11269	10680	-39.9	-27.9	-49.1	-47	81	10	-9.9	-1.6	12.3
200	12429	12821	12107	-52.4	-40.5	-63.1	-58.5	83	16	-15.9	-2	18.7
175	13282	13713	12912	-59.6	-47.5	-72.7	-66.1	85	19.5	-19.4	-1.8	22.2
150	14227	14591	13802	-67.6	-55.7	-83.1	-67.3	83	22.6	-22.4	-2.6	25.5
125	15304	15765	14816	-75.4	-59.9	-87.3		84	23.1	-23	-2.5	26.2
100	16580	17088	16031	-78	-62.7	-87.9		84	19.3	-19.2	-1.9	22.5
80	17879	18450	17232	-72.3	-58.1	-89.7		80	12.7	-12.5	-2.2	15.2
70	18675	19286	17961	-69.1	-55.5	-84.1		77	12.3	-12	-2.7	14.8
60	19458	20261	18824	-66.4	-53.5	-79.3		71	11	-10.4	-3.5	13.2
50	20695	21446	19820	-62.9	-49.5	-80.3		69	10.3	-9.6	-3.6	12.3
40	22113	22909	21719	-59.4	-45.1	-67.9		60	7.4	-6.4	-3.7	10.3
30	23925	24631	23502	-56.3	-42.5	-65.5		40	8	-5.2	-6.1	11.2
25	25110	25850	24822	-53.8	-44.5	-60.5		25	8.8	-3.7	-8	11.9
20	26520	26778	26276	-52.3	-48.3	-58.7		9	14.4	-2.2	-14.2	16.9
15	28412	28685	28300	-48.6	-44.7	-54.9		9	17.9	-2.8	-17.7	20
10	31045	31433	30972	-44.6	-38.5	-49.4		1	21.7	-0.3	-21.7	22
7	33305	33543	33000	-40.8	-37.4	-47.9		355	24.4	2	-24.3	24.6

FREEZING LEVEL

P	Height	H_max	H_min
560	4942	6580	2865

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
108	16155	-80.2

Goa

43192

Station height 60

September

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1001.1	1005	995	24.8	35.4	22.6	23.6	301	1.2	1	-0.6	2.1
1000	74	105	12	24.7	29.2	22	23.5	311	1.1	0.8	-0.7	1.9
950	516	596	458	23	30.8	15.6	20.9	301	3.3	2.8	-1.7	5.5
925	747	795	689	21.6	29.4	15.4	19.3	293	3.8	3.5	-1.5	6.4
900	986	1078	859	20.2	29.2	13	17.6	294	4.3	3.9	-1.7	6.6
850	1477	1567	1409	17.6	28	8.4	14.3	287	4.2	4	-1.2	6.8
800	1993	2092	1918	15	24	7	10.7	279	3.3	3.3	-0.5	6.5
750	2536	2620	2447	12.2	22	3.8	6.6	275	2.4	2.4	-0.2	6.2
700	3112	3210	3010	9.2	18.6	1.4	2	276	2	2	-0.2	5.8
650	3722	3838	3609	5.9	16.6	-1.3	-1.6	270	1.9	1.9	0	5.6
600	4374	4507	4251	2.7	14.4	-4.9	-5.3	270	1.6	1.6	0	5.1
550	5073	5260	4944	-0.8	9.4	-7.9	-9.4	279	1.2	1.2	-0.2	4.7
500	5829	6006	5693	-4.9	4.2	-11.7	-13.8	310	0.8	0.6	-0.5	4.5
450	6650	6880	6507	-9.7	-1.3	-17.3	-18.8	36	0.9	-0.5	-0.7	4.4
400	7552	7781	7398	-15.4	-7.1	-24.9	-24.2	69	1.9	-1.8	-0.7	4.7
350	8547	8820	8376	-22.3	-11.9	-31.3	-30.5	80	3.6	-3.5	-0.6	5.4
300	9665	9953	9466	-30.5	-19.5	-41.1	-38.2	84	5.9	-5.9	-0.6	7.4
250	10934	11236	10697	-40.9	-30.1	-52.5	-47.9	89	9	-9	-0.1	10.6
200	12414	12795	12139	-53.7	-42.5	-65.1	-59.6	92	13.3	-13.3	0.4	15.2
175	13258	13670	12949	-61.1	-46.5	-75.3	-66.8	93	16.3	-16.3	0.9	18.4
150	14200	14640	13838	-68.9	-57	-81.5		92	19.2	-19.2	0.8	21.4
125	15272	15770	14857	-76.1	-64.5	-86.6		94	20.6	-20.5	1.5	22.3
100	16543	17116	16174	-78.3	-51.9	-92.5		94	17.5	-17.5	1.3	19
80	17825	18468	17475	-73.2	-59.5	-85.1		89	11.5	-11.5	-0.2	12.4
70	18618	19297	18249	-69.4	-56.9	-79.5		85	9.7	-9.7	-0.8	10.7
60	19459	20135	19165	-66.2	-54.7	-78.7		84	8.7	-8.7	-0.9	9.6
50	20652	21176	20252	-63	-52.9	-72.9		81	9.1	-9	-1.5	9.9
40	22046	22607	21617	-59.5	-46.5	-75.3		83	8.7	-8.6	-1.1	9.3
30	23852	24324	23382	-56	-47.1	-68.7		84	8.4	-8.4	-0.9	9.6
25	25025	25361	24500	-54.6	-39.9	-67.1		78	8.4	-8.2	-1.7	10.1
20	26416	26835	25905	-53.6	-42.5	-64.9		67	11.2	-10.3	-4.4	15.5
15	28236	28480	27924	-52.4	-48.4	-61.9		51	14.7	-11.4	-9.3	21.6
10	30799	31000	30430	-51	-44.1	-62.1		358	9.3	0.3	-9.3	9.3
7	32595	32595	32595	-61.9	-61.9	-61.9						

FREEZING LEVEL

P	Height	H max	H min
562	4923	6630	3420

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
108	16104	-80.8

Goa

43192

Station height 60

October

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1001.9	1007	996	24.6	27.4	20.6	22.7	45	1	-0.7	-0.7	2.1
1000	80	119	45	24.6	28.2	20.6	23.1	38	1.1	-0.7	-0.9	2.1
950	524	573	450	24.1	32.8	16.2	19.1	38	1.6	-1	-1.3	4.8
925	757	809	703	22.8	29.2	15	18.3	48	1.5	-1.1	-1	5.3
900	997	1098	905	21.5	29.2	11.6	15.5	49	2	-1.5	-1.3	5.7
850	1489	1548	1379	18.6	28.8	10.6	12	60	2.4	-2.1	-1.2	6
800	2007	2077	1897	15.3	22	7.8	8.8	69	2.8	-2.6	-1	6
750	2549	2631	2429	11.7	18.5	4.4	5.5	69	2.8	-2.6	-1	5.8
700	3124	3217	3003	8.5	18.3	-4.5	2	67	2.5	-2.3	-1	5.6
650	3732	3852	3625	5.5	14.6	-5.9	-2.3	69	1.9	-1.8	-0.7	5.2
600	4384	4505	4262	2.4	10.4	-5.1	-6.1	65	1.4	-1.3	-0.6	4.9
550	5082	5215	4971	-1.1	7.6	-7.3	-11	62	1.5	-1.3	-0.7	4.9
500	5837	5980	5714	-5.2	1.8	-12.7	-15.1	59	1.7	-1.5	-0.9	5.1
450	6656	6811	6528	-10.1	9.4	-20.1	-20.3	58	1.9	-1.6	-1	5.1
400	7556	7729	7348	-16	-7.7	-23.5	-26.3	68	1.8	-1.7	-0.7	5.2
350	8548	8740	8307	-23.1	-14.9	-32.5	-33.2	81	1.2	-1.2	-0.2	5.4
300	9661	9877	9469	-31.6	-22.7	-45.5	-41.5	124	1.1	-0.9	0.6	6
250	10924	11177	10693	-41.9	-33.1	-52.1	-52.1	143	2.1	-1.3	1.7	7.2
200	12399	12689	12129	-54.3	-44.7	-66.3	-62.6	141	4.1	-2.6	3.2	9.4
175	13243	13551	12934	-61.5	-49.5	-74.1	-66.5	137	5.2	-3.6	3.8	10.6
150	14184	14528	13827	-68.9	-55.9	-82.3		129	5.7	-4.4	3.6	11
125	15259	15649	14841	-75.7	-56.9	-88.1		118	6.1	-5.4	2.9	10.4
100	16533	16981	16080	-79.1	-63	-89.1		100	6.2	-6.1	1.1	9
80	17821	18281	17376	-74.2	-61.1	-86.5		90	5.3	-5.3	0	7.3
70	18606	19100	18169	-70.7	-58.9	-83.9		86	4.7	-4.7	-0.3	6.6
60	19464	20017	19058	-66.7	-54.1	-79.5		85	5.6	-5.6	-0.5	7.1
50	20643	21183	20138	-63	-51.1	-74.9		81	7	-6.9	-1.1	8
40	22029	22599	21502	-59.4	-43.5	-68.3		83	7.2	-7.1	-0.9	8.1
30	23844	24372	23370	-55.5	-43.9	-64.3		78	7.1	-6.9	-1.5	9
25	24999	25555	24511	-54	-41.1	-63.3		63	6.4	-5.7	-2.9	9.1
20	26429	27066	25869	-50.8	-42.1	-61.6		24	5.9	-2.4	-5.4	8.4
15	28293	29041	27633	-48.8	-37.7	-56.9		357	12.7	0.6	-12.7	12.9
10	31017	31843	30614	-44.6	-35.9	-51.5		356	13.3	0.9	-13.3	13.9
7	33393	33651	33300	-40.2	-35.3	-47.5		15	6.7	-1.8	-6.5	8.8

FREEZING LEVEL

P	Height	H max	H min
568	4847	6360	3230

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
106	16245	-81

Goa

43192

Station height 60

November

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1003.3	1007	997	23.2	26.8	18	20.7	70	2.7	-2.5	-0.9	3.4
1000	89	125	46	23.5	31.8	17.4	20.4	64	2.5	-2.3	-1.1	3.2
950	535	604	432	24.2	34.4	15.4	14.1	73	4.1	-3.9	-1.2	5.7
925	766	803	663	22.8	29.8	15.8	13.9	72	4.2	-4	-1.3	6.1
900	1007	1060	901	21.3	30.4	14.2	10.9	78	4.5	-4.4	-0.9	6.5
850	1499	1543	1392	17.8	25.2	11.2	8.2	79	4.2	-4.1	-0.8	6
800	2014	2071	1906	14.1	22	7	5.4	80	3.5	-3.4	-0.6	5.3
750	2554	2625	2452	11.1	19.2	4.2	1.5	79	2.6	-2.6	-0.5	5.1
700	3127	3209	3027	8.6	16.8	1.2	-2.6	74	2.2	-2.1	-0.6	5.2
650	3737	3829	3638	5.9	15.8	-2.9	-5.7	61	2.1	-1.8	-1	5.4
600	4387	4497	4260	2.6	10	-4.5	-8.9	55	2.1	-1.7	-1.2	5.7
550	5086	5213	4989	-1.2	8.6	-9.5	-13.9	47	2.3	-1.7	-1.6	6.2
500	5840	5978	5739	-5.7	1.8	-13.1	-18.1	41	2.3	-1.5	-1.7	6.6
450	6657	6811	6504	-10.8	-3.3	-18.9	-23.4	32	1.9	-1	-1.6	6.9
400	7554	7716	7421	-16.8	-7.9	-25.1	-29	329	1.2	0.6	-1	7.1
350	8543	8714	8395	-23.9	-14.5	-31.7	-35.9	282	1.9	1.9	-0.4	7.6
300	9651	9867	9479	-32.3	-21.9	-40.3	-43.1	252	3.8	3.6	1.2	8.2
250	10911	11181	10720	-42.6	-31.9	-57.3	-53	236	6.4	5.3	3.6	10
200	12379	12907	12107	-54.9	-43.5	-72.8	-63.4	222	7.8	5.2	5.8	11.4
175	13221	13787	12924	-61.9	-49.9	-77.9		219	7.9	5	6.1	11.6
150	14158	14772	13838	-69.1	-45.9	-78.9		222	6.3	4.2	4.7	10.1
125	15226	15899	14859	-76.1	-61.9	-86.1		219	4	2.5	3.1	8.6
100	16496	17070	16074	-80.1	-65.5	-90.7		159	0.9	-0.3	0.8	6.8
80	17768	18376	17285	-76.8	-62.4	-87.1		90	1.5	-1.5	0	5.8
70	18546	19158	18025	-72.9	-57.3	-83.1		93	1.8	-1.8	0.1	5
60	19419	20085	18910	-68.7	-54.7	-84.3		90	2.1	-2.1	0	4.5
50	20570	21107	19988	-64	-52.7	-77.3		88	3.3	-3.3	-0.1	4.9
40	21956	22474	21471	-59.1	-47.5	-67.7		82	4.1	-4.1	-0.6	5.7
30	23763	24311	23296	-55.4	-41.5	-64.3		63	4	-3.6	-1.8	6.7
25	24929	25517	24477	-53.8	-45.7	-59.5		38	4.1	-2.5	-3.2	6.5
20	26335	26785	25902	-51.1	-42.5	-55.7		14	7.2	-1.7	-7	9.1
15	28171	28307	27980	-47.9	-44.6	-51.1		2	13.5	-0.4	-13.5	14
10	30903	31020	30699	-44.8	-41.7	-47.2		355	8.8	0.7	-8.8	9.8
7	33422	33930	32913	-39.7	-39.5	-39.9		231	2.6	2	1.6	2.5

FREEZING LEVEL

P	Height	H_max	H_min
567	4850	6190	3212

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
104	16301	-81.6

Goa

43192

Station height 60

December

PRESSURE	HEIGHT	H max	H min	TEMP	TMAX	TMIN	DEWPT	DIR	VELO	U	V	VM
SURFACE	1004.9	1009	999	21.8	26.2	16.4	18.3	77	3.5	-3.4	-0.8	4.1
1000	101	134	53	22.3	29.2	16.8	17.6	73	3.4	-3.3	-1	4.2
950	547	580	480	23.4	31	14.6	11	83	5.2	-5.2	-0.6	6.7
925	780	819	722	22	28.8	13.6	10.1	84	5.1	-5.1	-0.5	7
900	1018	1095	967	20.5	27.8	13	8.3	90	5.1	-5.1	0	6.8
850	1508	1554	1450	17.1	25.8	9.4	5.5	97	3.8	-3.8	0.5	5.7
800	2022	2079	1960	14.1	23.8	6.2	1.5	104	2.9	-2.8	0.7	5
750	2563	2634	2493	11.8	20.6	1.6	-2.9	101	2.1	-2.1	0.4	4.9
700	3137	3220	3055	9.4	19	0.8	-6.5	86	1.5	-1.5	-0.1	5.2
650	3747	3847	3655	6.2	14.6	-4.9	-9.8	63	1.1	-1	-0.5	5.4
600	4398	4560	4295	2.5	13	-5.5	-12.7	31	0.6	-0.3	-0.5	5.8
550	5095	5253	4983	-1.8	8	-9.3	-17.1	333	0.4	0.2	-0.4	6.4
500	5847	6009	5724	-6.5	4.6	-17.3	-20.1	275	1.2	1.2	-0.1	6.8
450	6661	6851	6533	-11.8	-2.5	-20.9	-24.9	270	2.8	2.8	0	7.5
400	7553	7773	7401	-17.9	-8.7	-28.5	-30.1	268	4.9	4.9	0.2	9.1
350	8538	8797	8362	-25	-15.3	-37.1	-36.5	264	7.1	7.1	0.8	10.9
300	9641	9937	9436	-33.4	-24.5	-44.5	-43.1	256	9.9	9.6	2.4	13.3
250	10893	11228	10636	-43.7	-31.5	-55.1	-51.9	248	12.3	11.4	4.7	15.7
200	12354	12742	12029	-55.9	-44.3	-67.7	-62.6	244	13.8	12.4	6	16.8
175	13189	13615	12837	-62.7	-49.8	-75.5	-72.4	243	13.6	12.2	6.1	16.5
150	14123	14481	13755	-69.2	-56.3	-81.1		246	12.2	11.2	4.9	14.8
125	15190	15597	14815	-75.2	-61.1	-88.1		253	7.7	7.4	2.2	11
100	16464	16936	16073	-79.5	-65.5	-87.9		246	3.2	2.9	1.3	7.6
80	17728	18247	17351	-77.6	-63.1	-88.9		79	0.5	-0.5	-0.1	6.4
70	18501	19033	18115	-74	-57.5	-85.9		98	1.4	-1.4	0.2	5.2
60	19411	19940	18986	-69.5	-53.5	-81.5		82	1.4	-1.4	-0.2	4.8
50	20512	21066	20042	-65.2	-48.5	-77.9		84	2	-2	-0.2	4.6
40	21889	22413	21374	-60.7	-44.5	-71.7		83	2.6	-2.6	-0.3	4.6
30	23678	24213	23129	-56.6	-45.1	-65.7		67	3.3	-3	-1.3	6.3
25	24831	25395	24269	-55	-45.9	-62.7		28	3.4	-1.6	-3	5.5
20	26243	26712	25898	-53.6	-48.1	-59.1		18	6.4	-2	-6.1	8.7
15	28073	28352	27757	-49.9	-46.1	-54.9		4	8.7	-0.6	-8.7	9
10	30733	31034	30379	-48	-43.6	-54.1		319	6.1	4	-4.6	8.2
7	33003	33259	32679	-45.8	-40.8	-51.5		223	1.9	1.3	1.4	3.7

FREEZING LEVEL

P	Height	H_max	H_min
571	4813	6650	3360

FIRST TROPOPAUSE

P	Height	Temp

SECOND TROPOPAUSE

P	Height	Temp
101	16432	-81.5