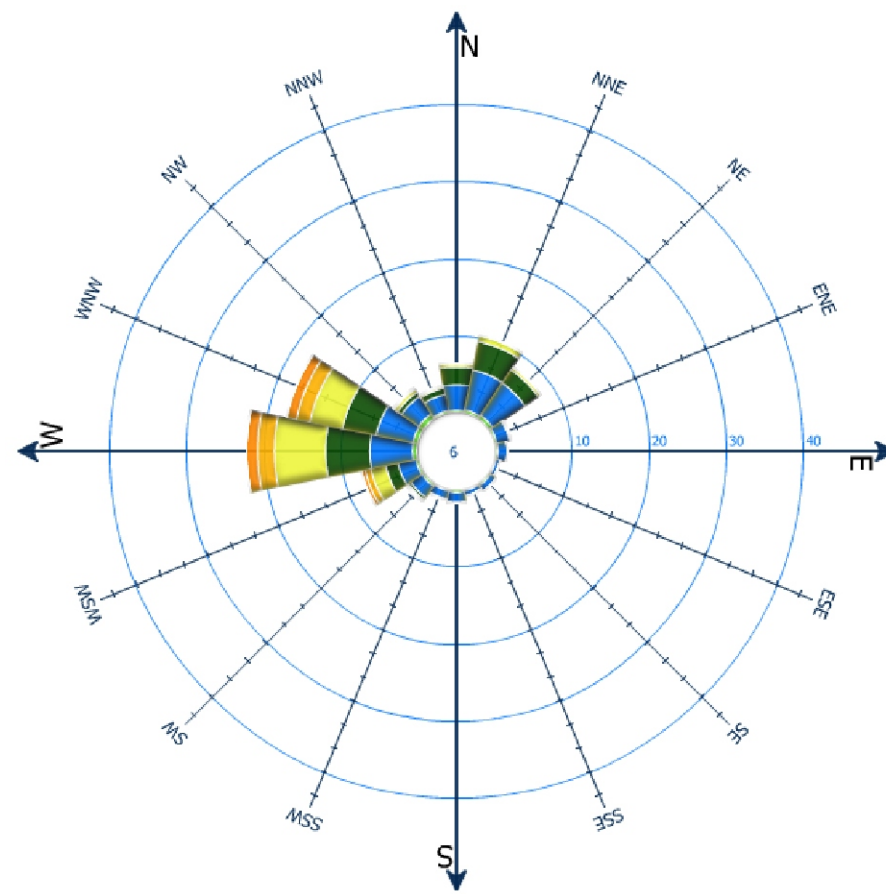
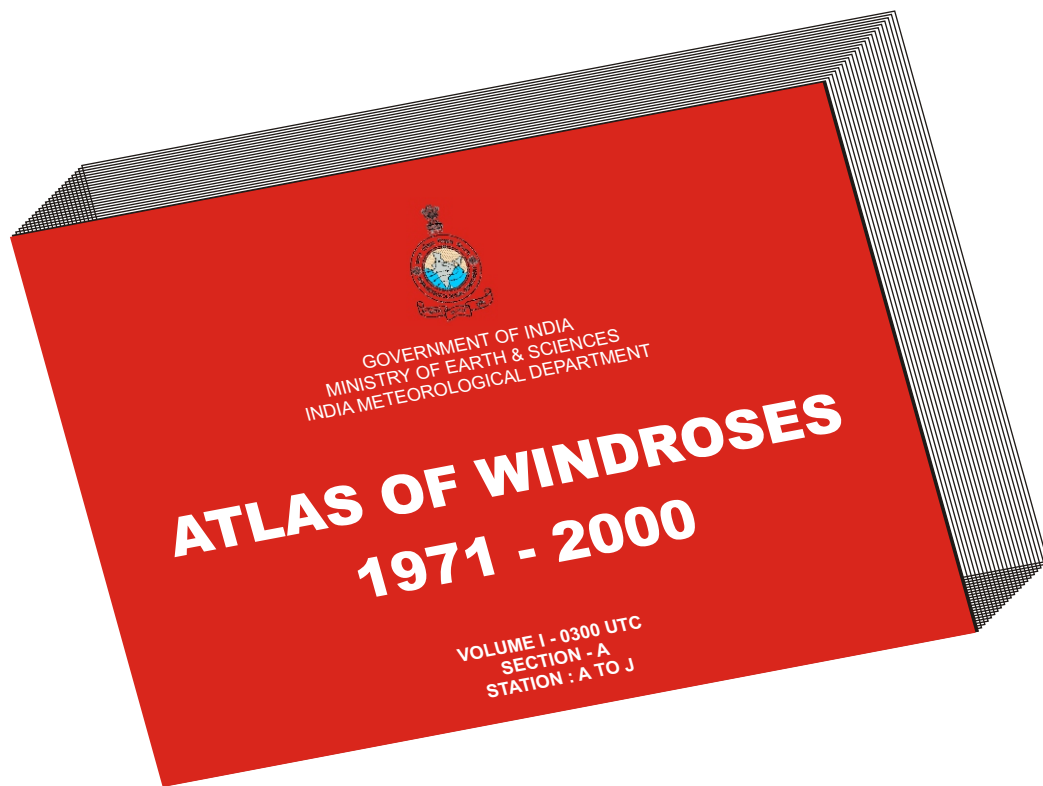


ATLAS OF WIND ROSES 1971-2000

VOLUME - I

(0300 UTC)



....WINDROSE....

The wind rose is a method of graphically representing the occurrence of winds at a location, showing their strength, direction and frequency. It is a very useful representation as a large quantity of data has been summarised in a simple graphical plot.

The wind roses in this publication are based on wind data recorded at **0300 UTC (0830 IST)** by 180 surface meteorological observatories under the network of India Meteorological Department. This publication is divided into two sections, Section A and Section-B. Section-A contains wind roses for stations whose name starts from alphabet A to J. Wind roses of station names starting from K to Z are in Section-B.

The wind rose diagrams are useful in the following fields:

- o Environmental Impact Assessment
- o Oceanography
- o Wind Energy
- o Agriculture Engineering
- o Ambient Air Monitoring
- o Air Quality Measurements
- o Industrial Emissions Measurements
- o Indoor Air Quality testing
- o Air Dispersion Modelling
- o Noise Impact Modelling
- o Soil Impact Modelling

LIST OF STATIONS

A

Adiramapatinam
 Agartala (A)
 Agathi
 Agra
 Ahmedabad (A)
 Akola
 Alibag
 Allahabad (A)
 Alleppey
 Ambala
 Ambikapur
 Amini Divi
 Amravati
 Amritsar (Rajasansi) (A)
 Anantapur
 Aurangabad (Chikalthana) (A)

B

Bahraich
 Balasore
 Banihal
 Bankura
 Bappla
 Bareilly
 Barmer
 Batote
 Belgaum (Sambre) (A)
 Bengaluru [Bangalore]
 Bengaluru [Bangalore] (A)
 Bhaderwah
 Bhagalpur
 Bhavnagar (A)
 Bhopal (Bairagarh) (A)
 Bhubaneswar (A)
 Bhuj (Rudramata) (A)
 Bhuntar (A)
 Bikaner

C

Cannanore (Kannur)
 Canning
 Car Nicobar

Chandbali
 Chennai (Minambakkam) (A)
 Chennai (Nungambakkam)
 Cherrapunji
 Chitradurga
 Churu
 Cochin (Kochi) (NAS)
 Coimbatore (Peelamedu) (A)
 Cooch Behar (A)
 Cuddalore

D

Dahanu
 Daltonganj
 Deesa
 Dehra Dun
 Diamond Harbour
 Dibrugarh (Mohanbari) (A)
 Digha
 Dwarka

G

Gadag
 Gangtok
 Gannavaram (A)
 Gaya (A)
 Gopalpur
 Gorakhpur
 Gulbarga
 Guna
 Guwahati (Bhorjar) (A)
 Gwalior

H

Haldia
 Harnai
 Hissar
 Honavar
 Hyderabad (Begumpet) (A)

I

Imphal (Tulihal) (A)
 Indore

J

Jabalpur
 Jagdalpur
 Jaipur (Sanganer) (A)
 Jaisalmer
 Jalgaon
 Jalpaiguri
 Jammu
 Jamshedpur
 Jhansi
 Jharsuguda
 Jodhpur
 Jorhat

K

Kailashahar (A)
 Kakinada
 Kalingapatnam
 Karnal
 Karwar
 Katra
 Keonjhar
 Khajuraho (A)
 Kodaikanal
 Kolhapur
 Kolkata (Alipore)
 Kolkata (Dum Dum) (A)
 Kota (PB-Micromet)
 Kozhikode (Calicut)
 Kukernag
 Kupwara
 Kurnool

L

Lucknow (Amausi) (A)
 Ludhiana

M

Madurai (A)
 Mahabaleshwar
 Malda
 Mangalore (Bajpe) (A)
 Masulipatnam
 Minicoy

Miraj
 Mormugao
 Mukteswar (Kumaun)
 Mumbai (Colaba)
 Mumbai (Santacruz) (A)
 Mussoorie
 Mysore

N

Nagapattinam
 Nagpur (Sonogaon) (A)
 Naliya
 Narsapur
 Nellore
 New Delhi (Palam) (A)
 New Delhi (Safdarjung) (A)
 Nizamabad
 North Lakhimpur (A)

O

Okha
 Ongole
 Ozar (Nashik) (A)

P

Pahalgam
 Pamban
 Panjim
 Pantnagar (A)
 Paradip Port (CWR)
 Parbhani
 Pasighat (A)
 Patiala
 Patna (A)
 Pendra Road
 Porbandar (A)
 Port Blair
 Puducherry (Pondicherry)
 Pune
 Puri

Q

Quazigund

R

Raipur

Raipur (Mana) (A)
 Rajkot (A)
 Ramgundam
 Ranchi (A)
 Ratnagiri

S

Sagar
 Sagar Island
 Salem
 Sambalpur
 Satara
 Satna
 Shanti Niketan
 Shillong (C.S.O.)
 Shimla
 Silchar
 Solapur
 Sriganaganagar (Ganganagar)
 Srinagar
 Sundernagar
 Surat

T

Tehri
 Tezpur
 Thiruvananthapuram
 Thiruvananthapuram (A)
 Tiruchirapalli (A)
 Tondi

U

Udaipur
 Udaipur (Dabok) (A)

V

Vadodara (A)
 Varanasi
 Varanasi (Babatpur) (A)
 Vellore
 Veraval
 Vishakhapatnam (Waltair)

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