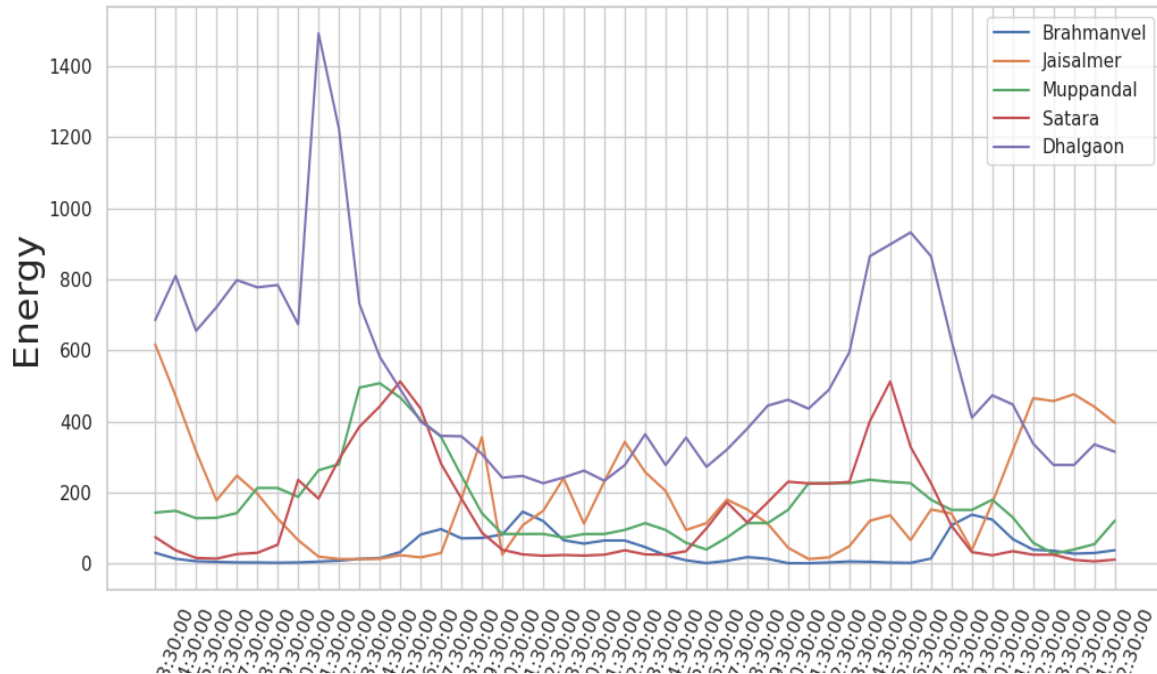


# POWER FORECAST REPORT

## Optimum Output:

### Power Forecasts for next 48 Hours



The following graph displays the Power generated by the 5 largest wind farms in India namely Brahmanvel, Satara, Muppandal, Jaisalmer & Dhalgaon.

>>Total Power Generated by Muppandal farm in 24 hours from 2020-07-16 03:30:00 is 5061.3 KW and in 48 hours from 2020-07-16 03:30:00 is 8296.84 KW.

>>Total Power Generated by Dhalgaon farm in 24 hours from 2020-07-16 03:30:00 is 13580.33 KW and in 48 hours from 2020-07-16 03:30:00 is 25042.83 KW.

>>Total Power Generated by Satara farm in 24 hours from 2020-07-16 03:30:00 is 3499.03 KW and in 48 hours from 2020-07-16 03:30:00 is 6810.95 KW.

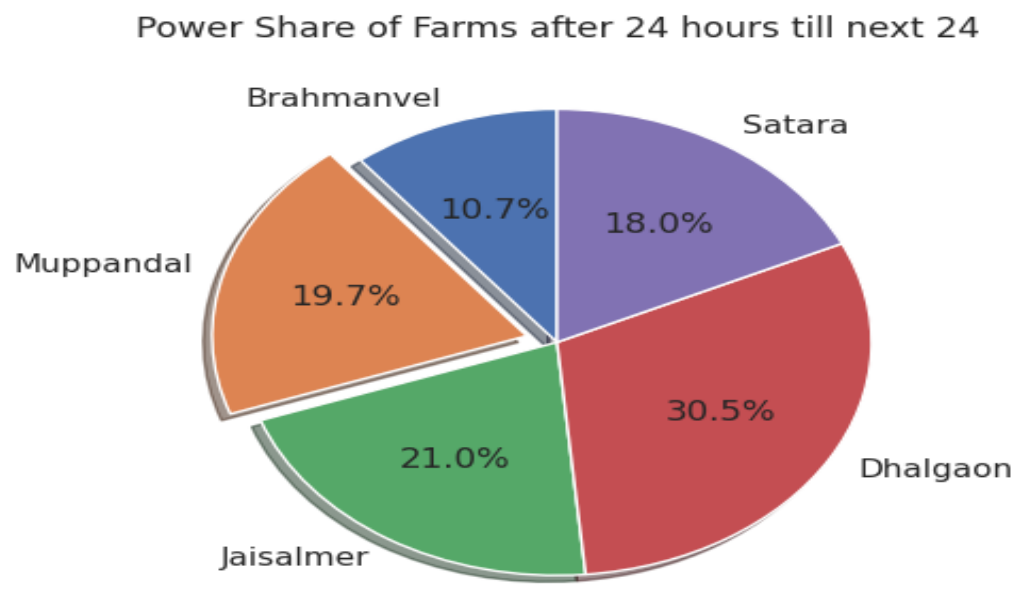
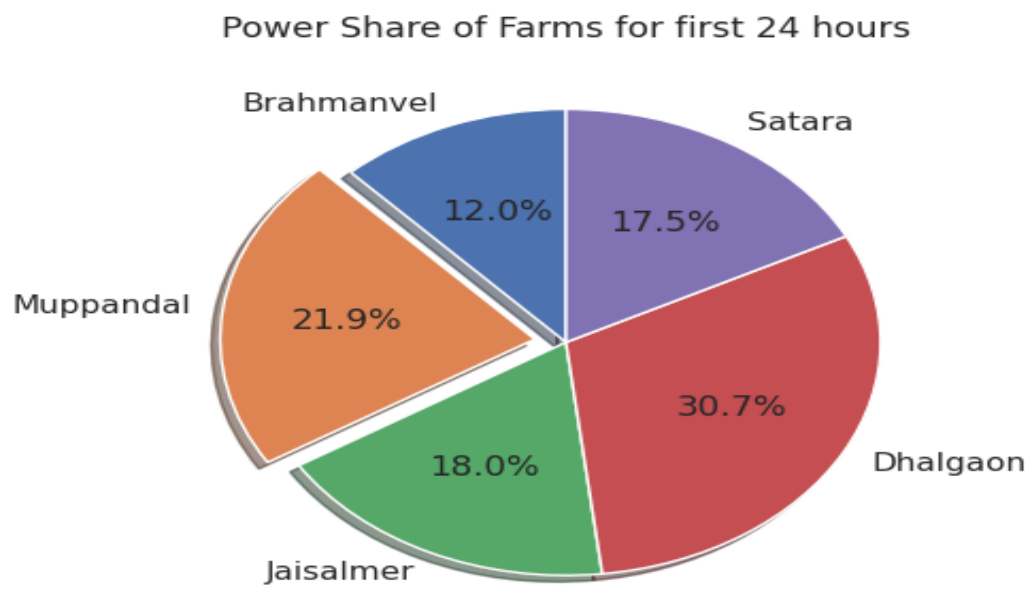
>>Total Power Generated by Brahmanvel farm in 24 hours from 2020-07-16 03:30:00 is 1077.79 KW and in 48 hours from 2020-07-16 03:30:00 is 1856.68 KW.

>>Total Power Generated by Jaisalmer farm in 24 hours from 2020-07-16 03:30:00 is 4107.02 KW  
and in 48 hours from 2020-07-16 03:30:00 is 8736.59 KW.

### Complete Output (1st 24 Hours):

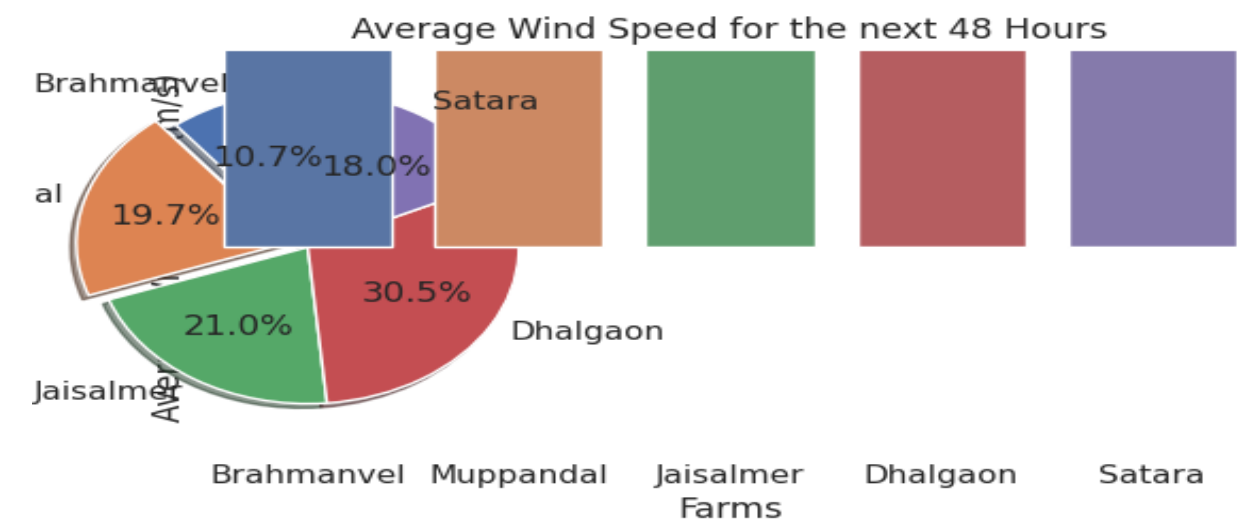
INDEX	MUPPANDAL	JAISALMER	BRAHMANVEL	DHALGAON	SATARA
03:30:00	144.12	616.84	30.91	685.43	75.04
04:30:00	149.05	472.21	14.3	809.78	38.05
05:30:00	128.32	316.32	7.15	654.99	16.4
06:30:00	129.26	178.12	5.46	721.36	14.38
07:30:00	142.64	247.86	3.9	797.72	27.45
08:30:00	213.22	197.2	3.71	777.34	30.93
09:30:00	213.17	126.88	3.0	783.9	53.76
10:30:00	188.27	66.67	3.85	673.58	236.11
11:30:00	263.14	20.16	6.09	1491.47	183.28
12:30:00	279.96	13.55	8.75	1222.67	293.58
13:30:00	495.35	13.55	13.74	730.58	385.28
14:30:00	507.6	14.21	16.13	581.84	442.8
15:30:00	467.41	24.47	33.13	490.91	512.59
16:30:00	404.86	18.06	82.45	400.03	436.6
17:30:00	356.84	30.39	97.49	359.76	281.33
18:30:00	247.25	183.12	71.58	358.52	183.28
19:30:00	142.16	355.98	72.77	308.88	87.83
20:30:00	84.0	25.62	82.2	242.2	39.46
21:30:00	83.8	108.66	146.62	246.98	26.5
22:30:00	84.1	148.91	120.36	226.64	22.81
23:30:00	73.76	240.73	66.31	242.59	24.76
00:30:00	83.72	112.87	56.85	262.01	23.19

Power Share:



The above mentioned graph displays the Power over of various farms. The 'Brahmanvel' farm has the largest share on both the days.

Wind Speed:



These locations are the most likely to experience high wind speeds in the next 48 hours.

BEST TIME FOR POWER EXTRACTION:

Muppandal

>>The Best time to extract Energy from Muppandal farm on 2020-07-16 is 14:30:00 to 15:30:00  
>>The Best time to extract Energy from Muppandal farm on 2020-07-17 is 14:30:00 to 15:30:00

Dhalgaon

>>The Best time to extract Energy from Dhalgaon farm on 2020-07-16 is 11:30:00 to 12:30:00  
>>The Best time to extract Energy from Dhalgaon farm on 2020-07-17 is 16:30:00 to 17:30:00

Satara

>>The Best time to extract Energy from Satara farm on 2020-07-16 is 15:30:00 to 16:30:00  
>>The Best time to extract Energy from Satara farm on 2020-07-17 is 15:30:00 to 16:30:00

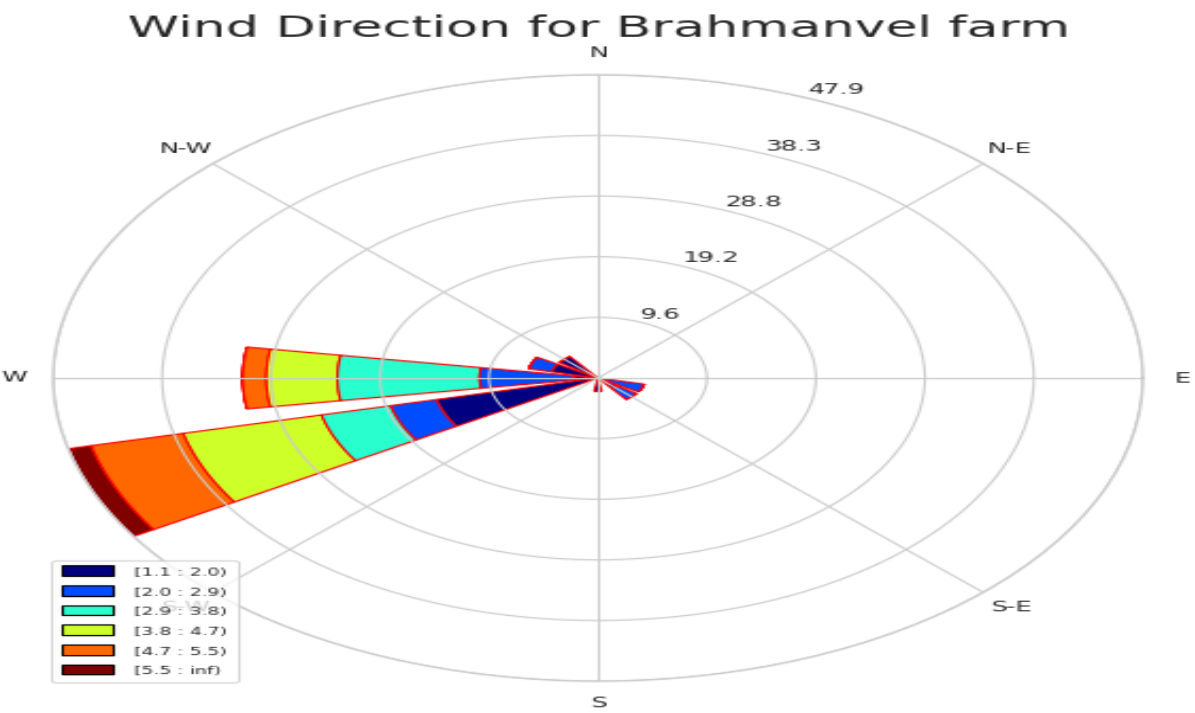
Brahmanvel

>>The Best time to extract Energy from Brahmanvel farm on 2020-07-16 is 21:30:00 to 22:30:00  
>>The Best time to extract Energy from Brahmanvel farm on 2020-07-17 is 19:30:00 to 20:30:00

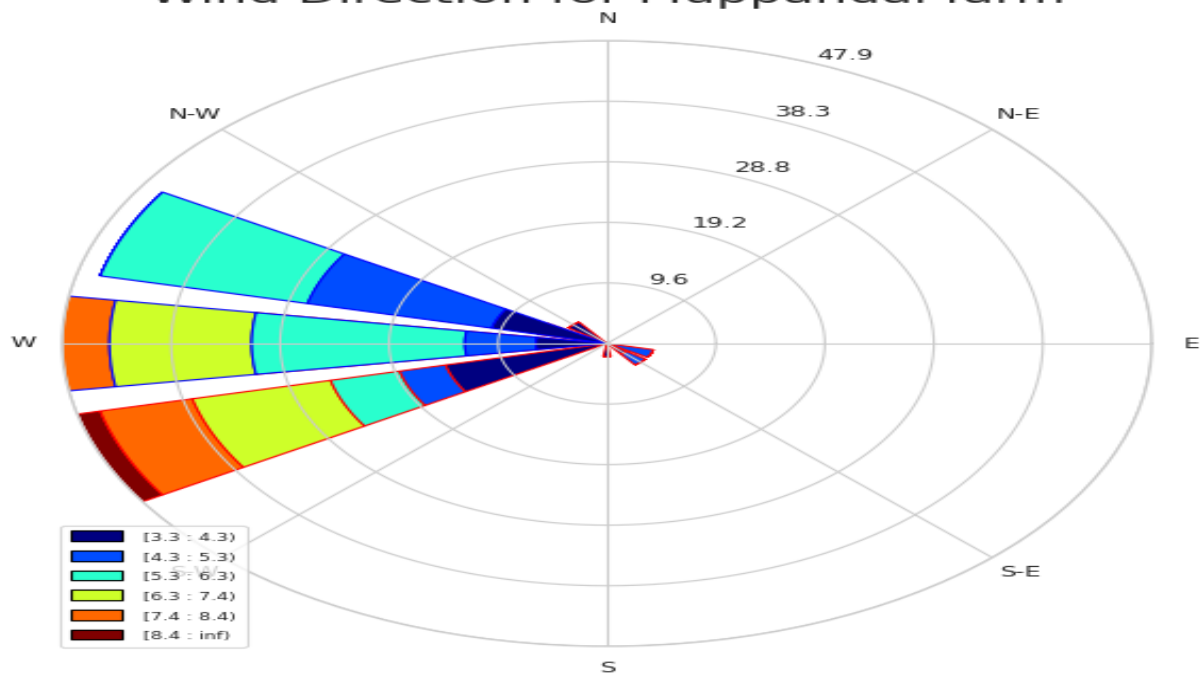
Satara

>>The Best time to extract Energy from Satara farm on 2020-07-16 is 15:30:00 to 16:30:00  
>>The Best time to extract Energy from Satara farm on 2020-07-17 is 15:30:00 to 16:30:00

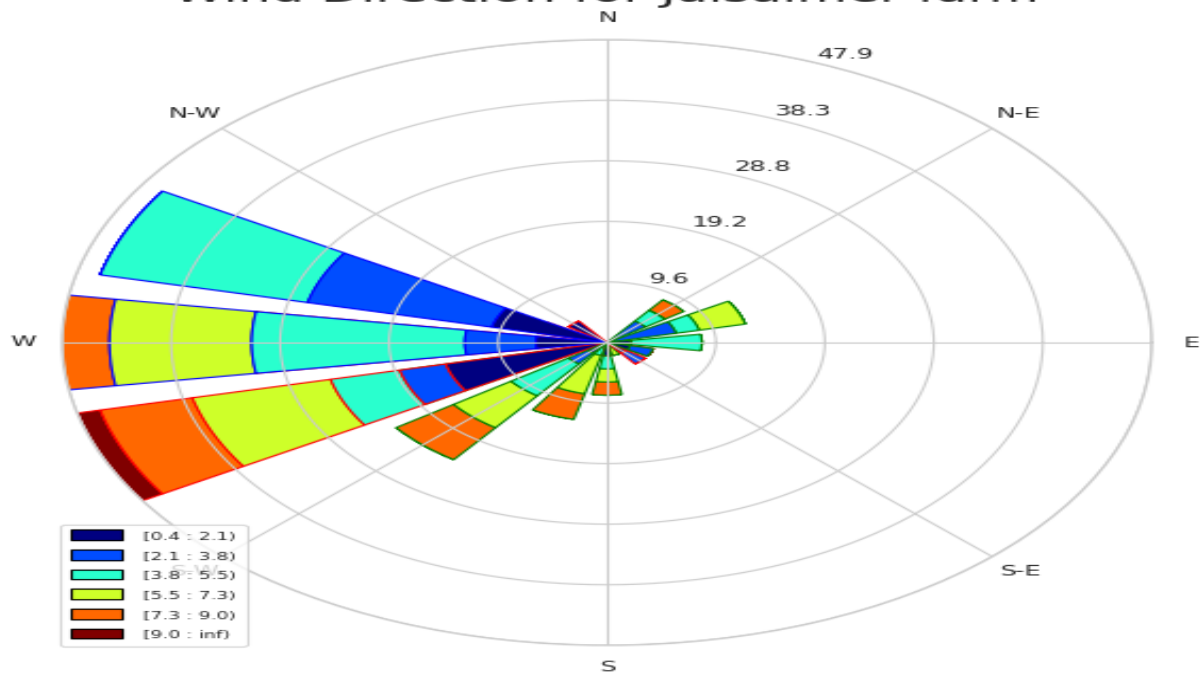
BEST TIME FOR POWER EXTRACTION:



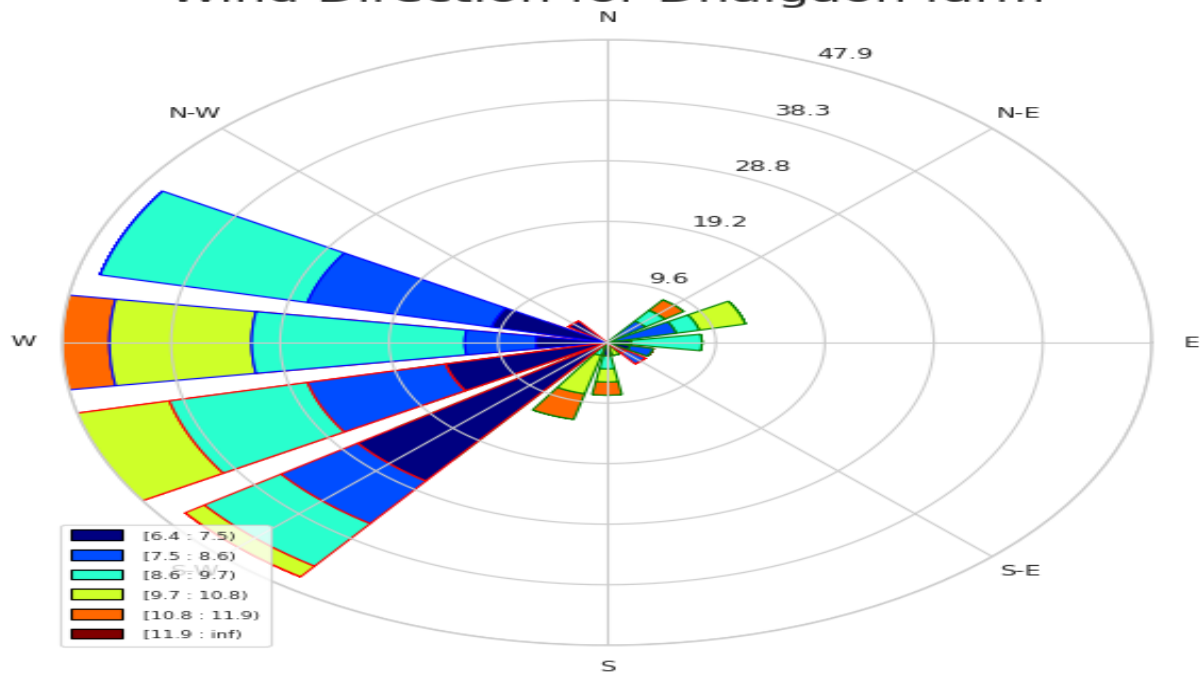
### Wind Direction for Muppandal farm



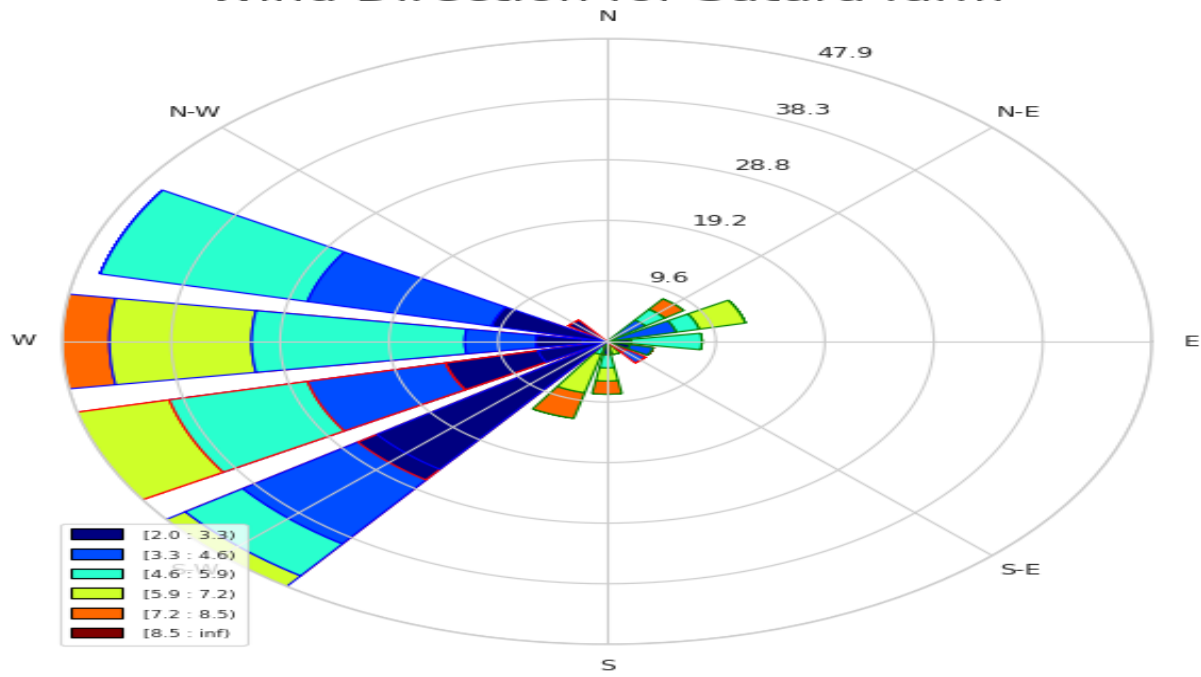
### Wind Direction for Jaisalmer farm



### Wind Direction for Dhalgaon farm



## Wind Direction for Satara farm



## Temperature Forecasts for next 48 Hours

