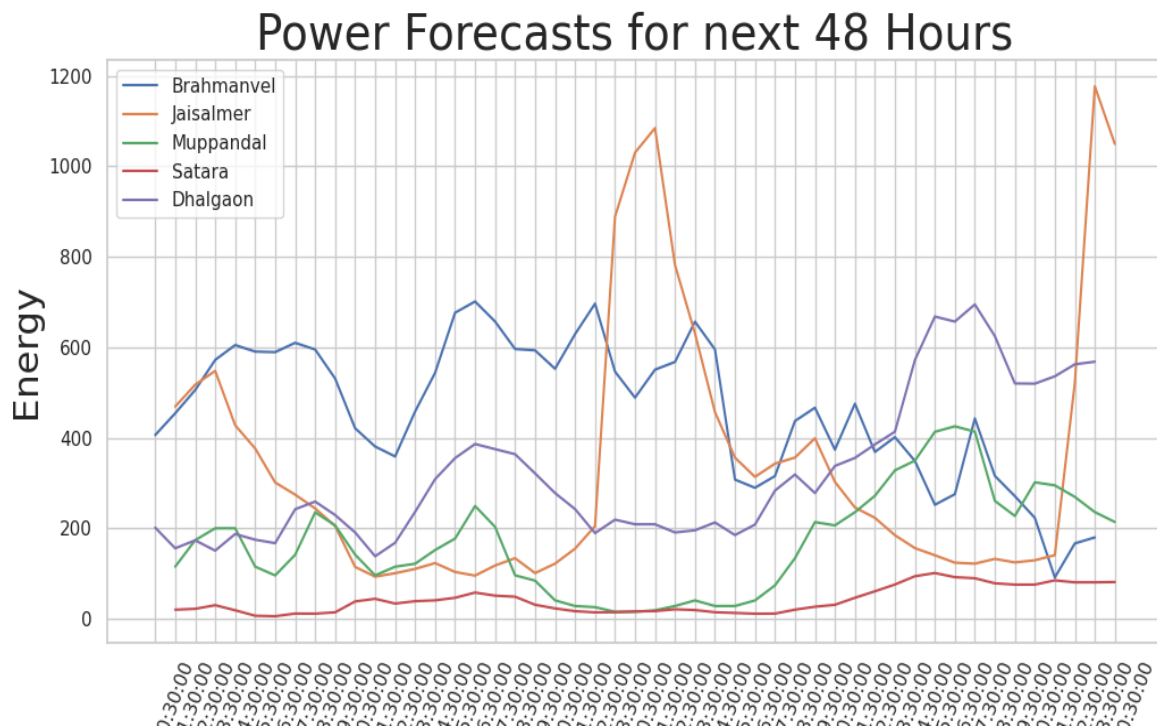


POWER FORECAST REPORT

Optimum Output:



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 2020-07-14 01:30:00 is 3041.24 KW and in 48 hours from 2020-07-14 01:30:00 is 8090.92 KW.

>>Total Power Generated by Dhalgaon farm in 24 hours from 2020-07-14 01:30:00 is 5717.93 KW and in 48 hours from 2020-07-14 01:30:00 is 15414.23 KW.

>>Total Power Generated by Satara farm in 24 hours from 2020-07-14 01:30:00 is 651.23 KW and in 48 hours from 2020-07-14 01:30:00 is 1947.73 KW.

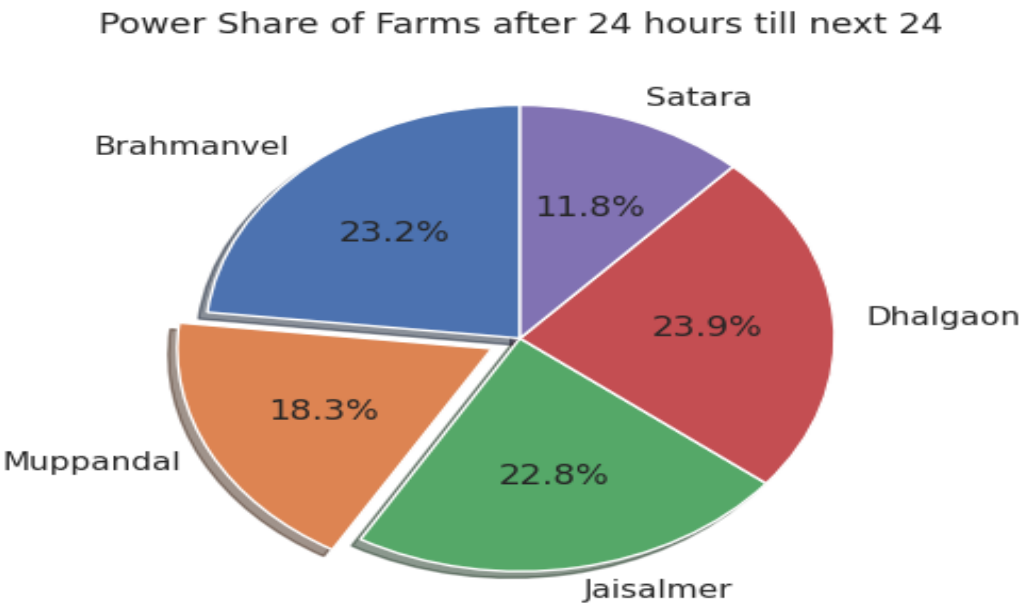
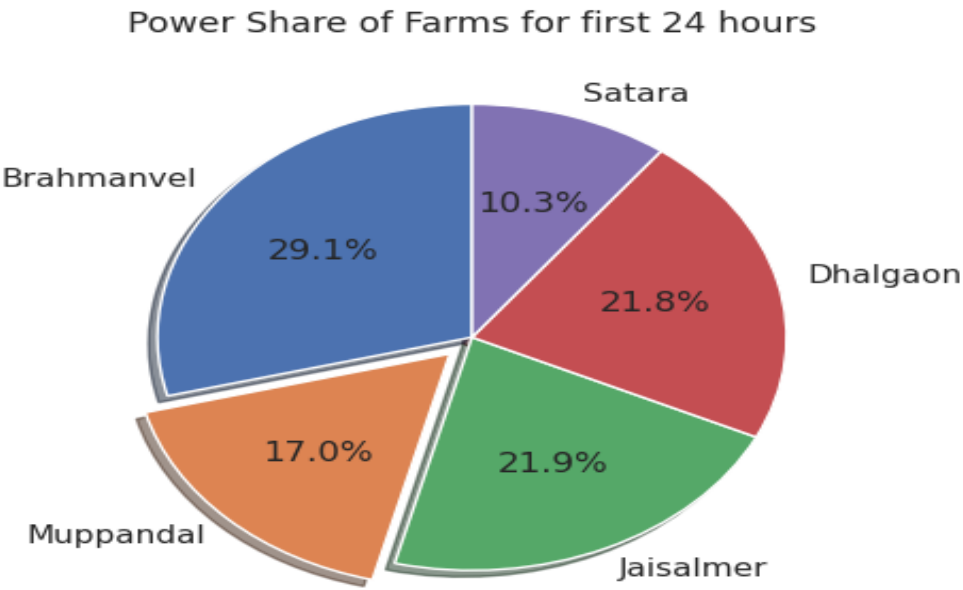
>>Total Power Generated by Brahmanvel farm in 24 hours from 2020-07-14 01:30:00 is 13353.61 KW and in 48 hours from 2020-07-14 01:30:00 is 22130.63 KW.

>>Total Power Generated by Jaisalmer farm in 24 hours from 2020-07-14 01:30:00 is 6854.31 KW
and in 48 hours from 2020-07-14 01:30:00 is 16348.58 KW.

Complete Output (1st 24 Hours):

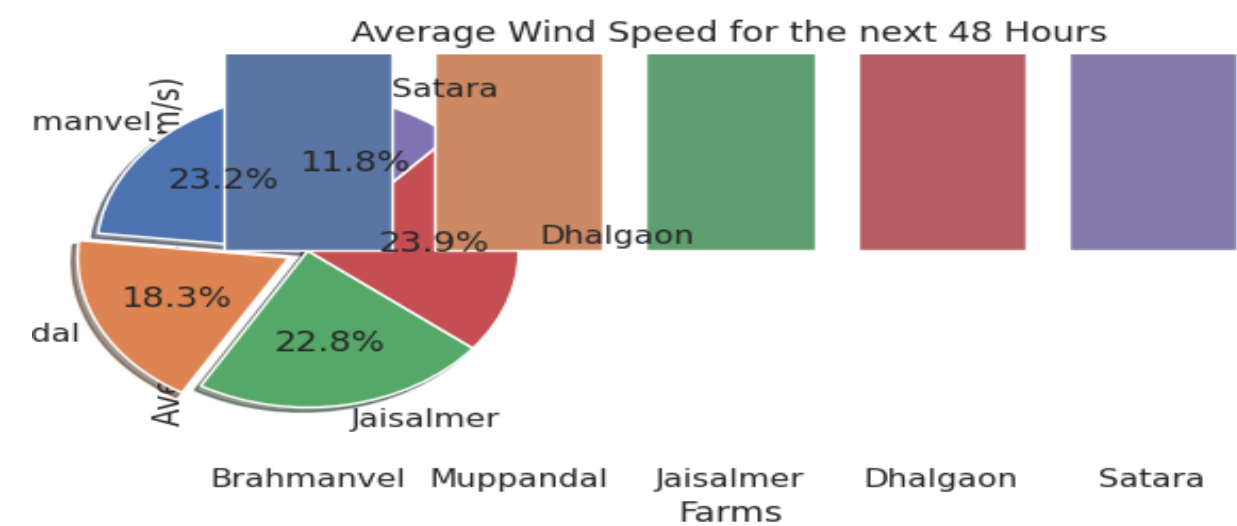
INDEX	MUPPANDAL	JAISALMER	BRAHMANVEL	DHALGAON	SATARA
01:30:00	115.02	469.0	454.23	155.66	19.89
02:30:00	173.62	517.39	505.61	173.25	21.79
03:30:00	199.9	547.86	572.19	150.47	29.79
04:30:00	199.93	427.64	605.05	187.26	18.58
05:30:00	115.02	376.26	590.55	174.6	6.45
06:30:00	95.67	301.18	589.39	167.03	5.41
07:30:00	141.33	274.22	609.98	242.04	11.3
08:30:00	235.16	243.75	595.24	258.96	11.12
09:30:00	206.23	204.82	530.97	229.16	14.12
10:30:00	141.62	114.43	421.0	190.65	38.14
11:30:00	95.77	92.96	380.65	137.99	43.96
12:30:00	114.89	100.55	358.74	167.89	33.45
13:30:00	121.51	110.03	458.13	236.19	38.68
14:30:00	151.83	122.91	543.78	308.57	40.57
15:30:00	177.22	103.26	676.55	355.1	46.22
16:30:00	249.14	95.27	701.34	386.22	57.73
17:30:00	202.98	117.58	657.09	374.91	50.89
18:30:00	95.97	133.75	596.35	363.72	48.61
19:30:00	84.1	100.78	593.32	321.25	30.81
20:30:00	40.51	121.71	552.6	277.79	22.69
21:30:00	28.01	154.84	629.13	242.3	16.6
22:30:00	25.49	204.57	696.64	189.19	13.98

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:



The above mentioned graph displays the Speed Distribution over the different farm locations.

BEST TIME FOR POWER EXTRACTION:

Muppandal

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

Dhalgaon

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

Satara

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

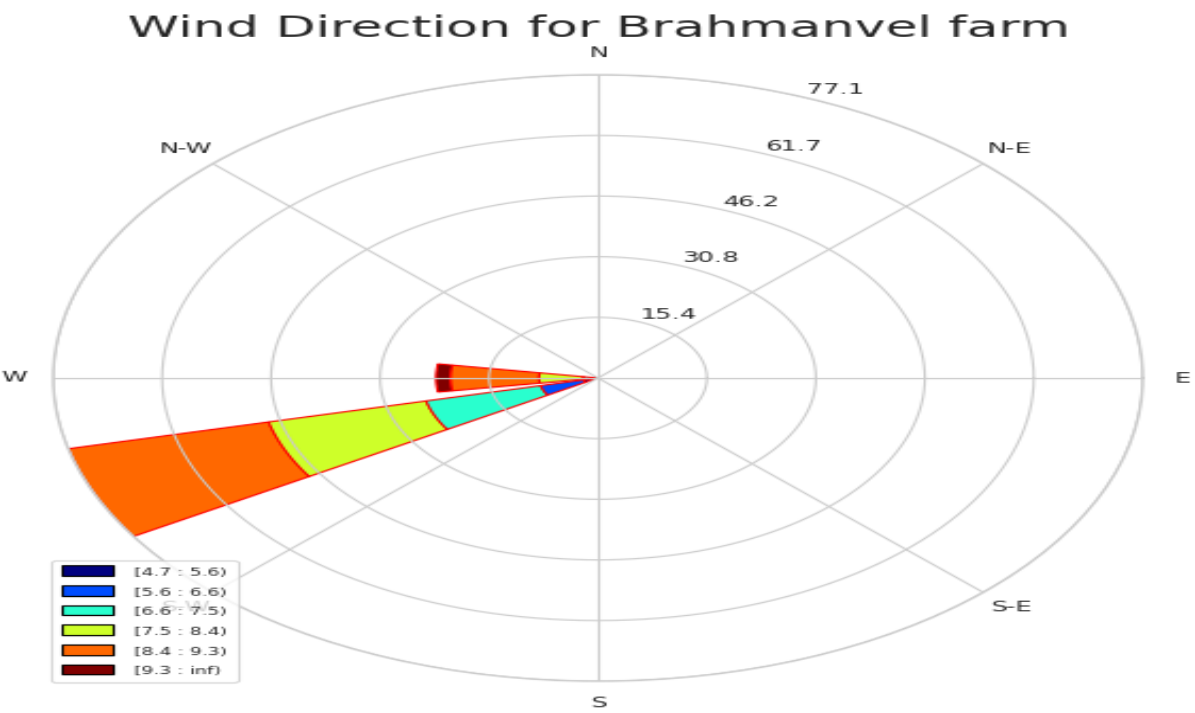
Brahmanvel

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

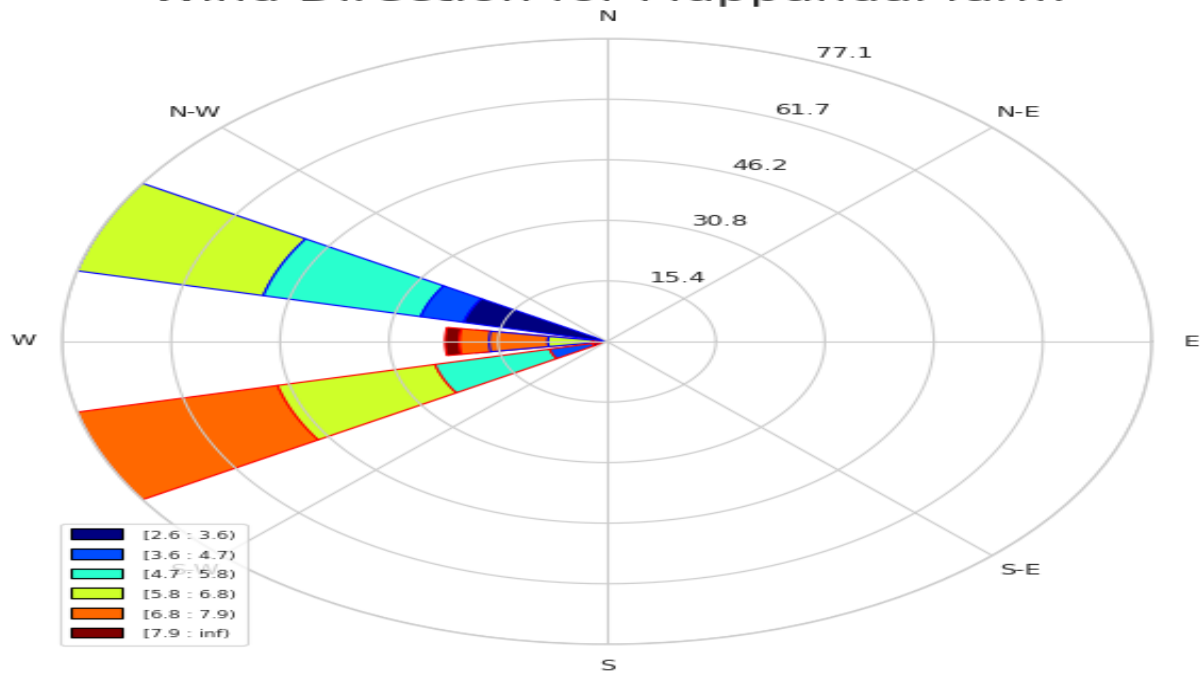
Satara

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

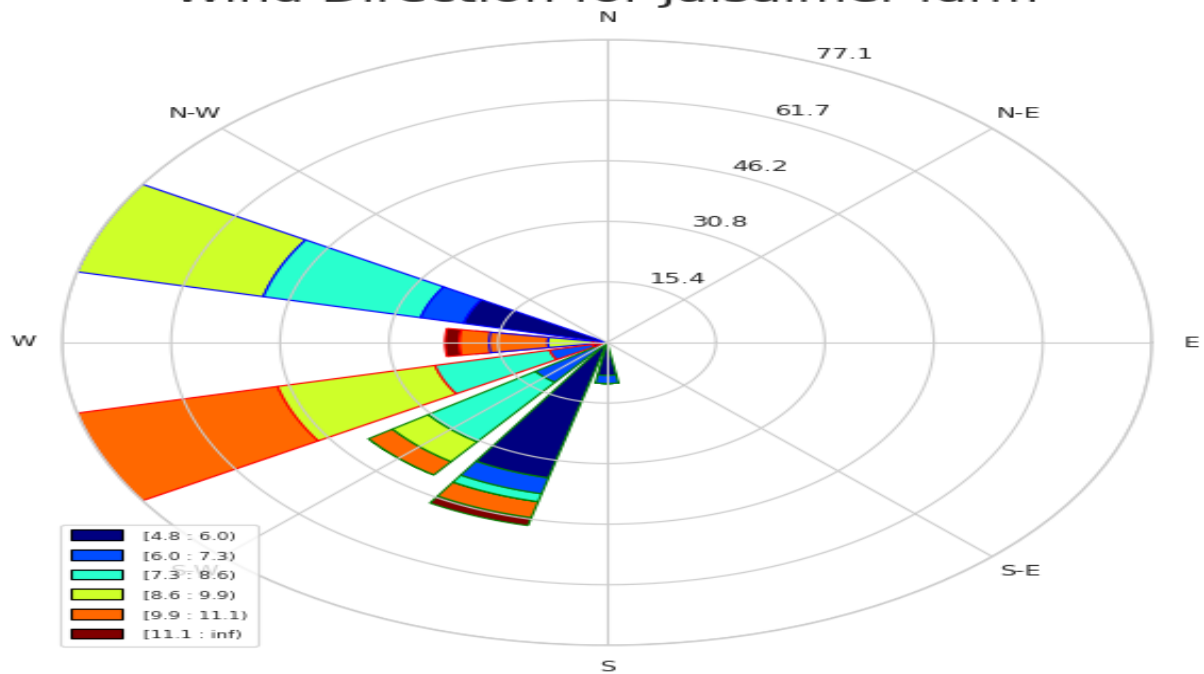
BEST TIME FOR POWER EXTRACTION:



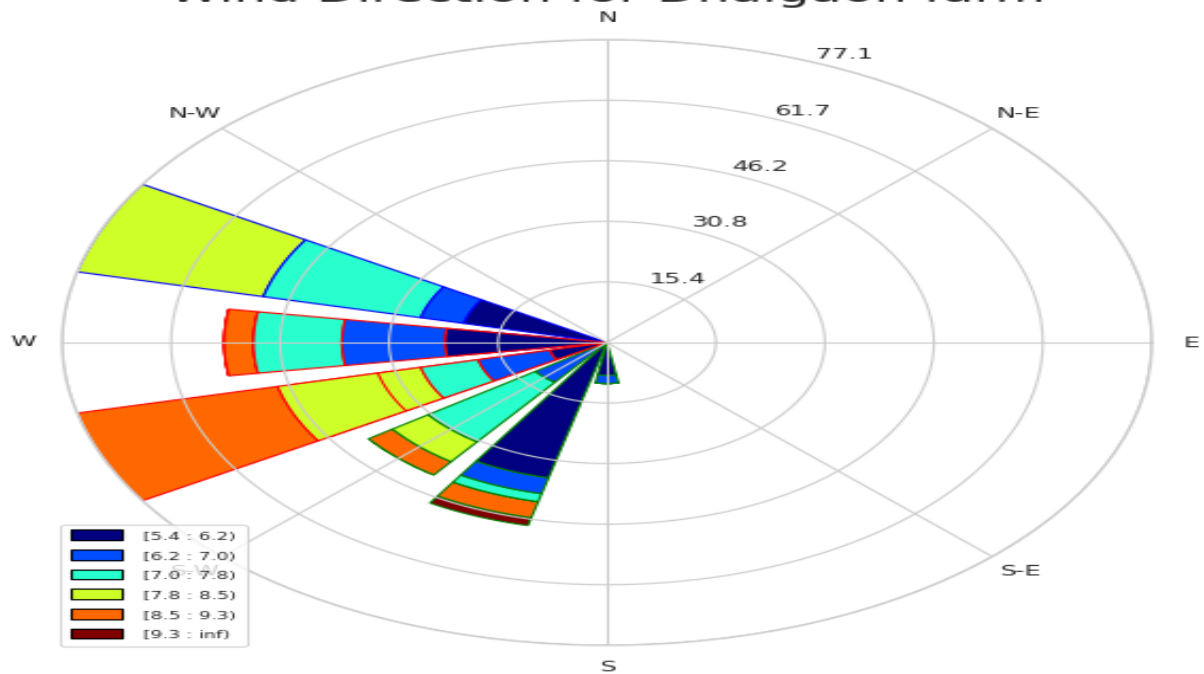
Wind Direction for Muppandal farm



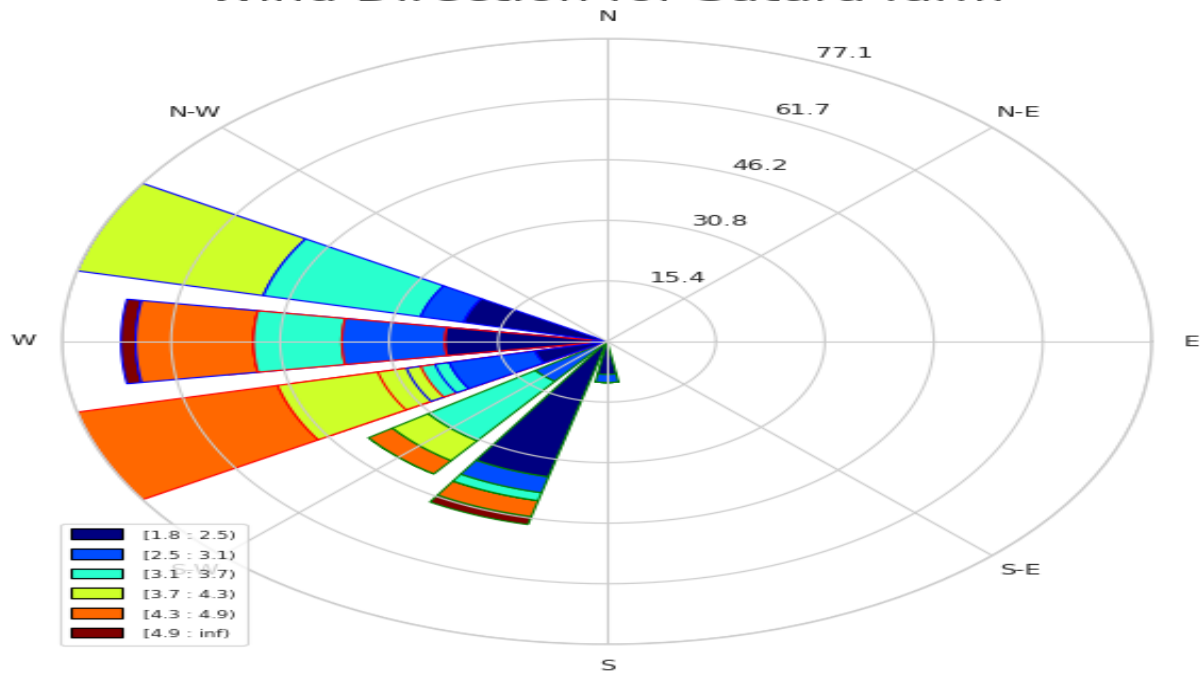
Wind Direction for Jaisalmer farm



Wind Direction for Dhalgaon farm



Wind Direction for Satara farm



Temperature Forecasts for next 48 Hours

