

Screenshots & Outputs:

Rainfall Prediction — Will it rain t... x +

127.0.0.1:5000

Monsoon Mitra – Rainfall Prediction

Enter today's weather to predict rain tomorrow

Model loaded

Today's weather

Min temp (°C) e.g. 12	Max temp (°C) e.g. 24
Rainfall (mm) e.g. 0	Wind gust speed (km/h) e.g. 40
Wind speed 9am (km/h) e.g. 14	Wind speed 3pm (km/h) e.g. 19
Humidity 9am (%) e.g. 69	Humidity 3pm (%) e.g. 52
Pressure 9am (hPa) e.g. 1017.6	Pressure 3pm (hPa) e.g. 1015.2
Temp 9am (°C)	Temp 3pm (°C)

Rainfall Prediction — Will it rain t... x +


127.0.0.1:5000

Today's weather

Min temp (°C) 13.4	Max temp (°C) 22.9
Rainfall (mm) 0.6	Wind gust speed (km/h) 44
Wind speed 9am (km/h) 20	Wind speed 3pm (km/h) 24
Humidity 9am (%) 71	Humidity 3pm (%) 22
Pressure 9am (hPa) 1007.7	Pressure 3pm (hPa) 1007.1
Temp 9am (°C) 16.9	Temp 3pm (°C) 21.8
Rain today? No	

Predict rain tomorrow

127.0.0.1:5000



4.4%
Rain tomorrow: No
Probability of rain: 4.4%

Rainfall intensity
Light
Normal activities with caution

Agriculture suggestions

- Proceed with irrigation
- Apply fertilizers
- Schedule harvesting
- Prepare land for sowing

Search tabs

Rain Prediction — Will it rain to: X

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Today's weather

Min temp (°C)

15.9

Max temp (°C)

21.7

Rainfall (mm)

31

Wind gust speed (km/h)

15

Wind speed 9am (km/h)

13

Wind speed 3pm (km/h)

89

Humidity 9am (%)

91

Humidity 3pm (%)

98

Pressure 9am (hPa)

1010.5

Pressure 3pm (hPa)

1015.2

Temp 9am (°C)

15.9

Temp 3pm (°C)

17


Rain today?

Yes

Predict rain tomorrow

Rainfall Prediction — Will it rain to: X

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89.6%

Rain tomorrow: Yes


Probability of rain: 89.6%


Rainfall intensity


Heavy


Protect crops & livestock

Agriculture suggestions

 Delay irrigation

 Avoid pesticide spraying

 Cover harvested crops

 Improve drainage system