List of API's of India Meteorological Department

1. City Weather forecast for 7days forecast
   URL: https://city.imd.gov.in/api/cityweather.php?id=42182
   or
   URL: https://city.imd.gov.in/api/cityweather.php

2. City Weather forecast for 7 days with latitude and longitude
   URL: https://city.imd.gov.in/api/cityweather_loc.php?id=42182
   or
   URL: https://city.imd.gov.in/api/cityweather_loc.php

3. Current Weather API
   URL: https://mausam.imd.gov.in/api/current_wx_api.php?id=42182
   or
   URL: https://mausam.imd.gov.in/api/current_wx_api.php

4. District Wise Nowcast API
   URL: https://mausam.imd.gov.in/api/nowcast_district_api.php?id=5
   or
   URL: https://mausam.imd.gov.in/api/nowcast_district_api.php

5. District wise Rainfall
   URL: https://mausam.imd.gov.in/api/districtwise_rainfall_api.php

6. District wise Warning
   URL: https://mausam.imd.gov.in/api/warnings_district_api.php
   or
   URL: https://mausam.imd.gov.in/api/warnings_district_api.php?id=1

7. Station Wise Nowcast API
   URL: https://mausam.imd.gov.in/api/nowcastapi.php?id=Jaipur AP
   or
   URL: https://mausam.imd.gov.in/api/nowcastapi.php

8. State wise Rainfall
   URL: https://mausam.imd.gov.in/api/statewise_rainfall_api.php

9. RSS Feeds
   URL: https://mausam.imd.gov.in/imd_latest/contents/dist_nowcast_rss.php

10. AWS/ARG Data
    URL: https://city.imd.gov.in/api/aws_data_api.php

11. River Basin (Quantitative Precipitation Forecast)
    URL: https://mausam.imd.gov.in/api/basin_qpf_api.php

12. Port Warning
    URL: https://mausam.imd.gov.in/api/port_wx_api.php

13. Sea Area Bulletin
    URL: https://mausam.imd.gov.in/api/seaarea_bulletin_api.php

14. Coastal Area Bulletin
    URL: https://mausam.imd.gov.in/api/coastal_bulletin_api.php

15. Subdivisional APIs

URL: https://mausam.imd.gov.in/api/api_5d_subdivisional_rf.php

URL: https://mausam.imd.gov.in/api/api_5d_statewisedistricts_rf_forecast.php

URL: https://mausam.imd.gov.in/api/api_subDivisionWiseWarning.php

City Weather forecast for 7 days

City Weather forecast for 7days forecast :

URL: https://city.imd.gov.in/api/cityweather.php?id=42182
or
URL: https://city.imd.gov.in/api/cityweather.php

Visualize Data: https://city.imd.gov.in/citywx/localwx.php

User has to provide their public IP so that same could be whitelisted at our end.

Fields	Description
Date	Date of Observation in YYYY-mm-dd
Station_Code	Station Code is unique for each station.
Station_Name	Station name
Today_Max_temp	Max Temp records at 1730 Hr IST (^{o}C)
Today_Max_Departure_from_Normal	in ^{o}C
Previous_Day_Max_temp	Max Temp of previous day records at 1730 Hr IST (^{o}C)
Previous_Day_Max_Departure_from_Normal	-
Today_Min_temp	Min Temp in ^{o}C records at 0530 Hr IST
Today_Min_Departure_from_Normal	-
Past_24_hrs_Rainfall	Recorded from 0830 hrs IST of previous day to 0830 hrs IST of today
Relative_Humidity_at_0830	Relative Humidity recorded at 0830 hrs (%)
Relative_Humidity_at_1730	Relative Humidity recorded at 1730 hrs (%)
Previous_Day_Relative_Humidity_at_1730	Relative Humidity of previous day recorded at 1730 hrs (%)
Sunset_time	Sunset Time
Sunrise_time	Sunrise Time
Moonset_time	Moonset Time
Moonrise_time	Moonrise Time
Todays_Forecast_Max_Temp	Forecasted Max Temp of Day-1 (i.e. Today) (^{o}C)
Todays_Forecast_Min_temp	Forecasted Min Temp of Day-1 (i.e. Today) (^{o}C)

Todays_Forecast	Weather Forecast of Day-1 (i.e. Today) (^{o}C)
Day_2_Max_Temp	Forecasted Max Temp of Day-2 (^{o}C)
Day_2_Min_temp	Forecasted Min Temp of Day-2 (^{o}C)
Day_2_Forecast	Weather Forecast of Day-2 (^{o}C)
Day_3_Max_Temp	Forecasted Max Temp of Day-3 (^{o}C)
Day_3_Min_temp	Forecasted Min Temp of Day-3 (^{o}C)
Day_3_Forecast	Weather Forecast of Day-3 (^{o}C)
Day_4_Max_Temp	Forecasted Max Temp of Day-4 (^{o}C)
Day_4_Min_temp	Forecasted Min Temp of Day-4 (^{o}C)
Day_4_Forecast	Weather Forecast of Day-4 (^{o}C)
Day_5_Max_Temp	Forecasted Max Temp of Day-5 (^{o}C)
Day_5_Min_temp	Forecasted Min Temp of Day-5 (^{o}C)
Day_5_Forecast	Weather Forecast of Day-5 (^{o}C)
Day_6_Max_Temp	Forecasted Max Temp of Day-6 (^{o}C)
Day_6_Min_temp	Forecasted Min Temp of Day-6 (^{o}C)
Day_6_Forecast	Weather Forecast of Day-6 (^{o}C)
Day_7_Max_Temp	Forecasted Max Temp of Day-7 (^{o}C)
Day_7_Min_temp	Forecasted Min Temp of Day-7 (^{o}C)
Day_7_Forecast	Weather Forecast of Day-7 (^{o}C)

City Weather forecast for 7 days with latitude and longitude

City Weather forecast for 7days forecast :

URL: https://city.imd.gov.in/api/cityweather_loc.php?id=42182
or
URL: https://city.imd.gov.in/api/cityweather_loc.php

Visualize Data: https://city.imd.gov.in/citywx/localwx.php

User has to provide their public IP so that same could be whitelisted at our end.

Fields	Description
Date	Date of Observation in YYYY-mm-dd
Station_Code	Station Code is unique for each station.
Station_Name	Station name
Today_Max_temp	Max Temp records at 1730 Hr IST (^{o}C)
Today_Max_Departure_from_Normal	in ^{o}C
Previous_Day_Max_temp	Max Temp of previous day records at 1730 Hr IST (^{o}C)
Previous_Day_Max_Departure_from_Normal	-
Today_Min_temp	Min Temp in ^{o}C records at 0530 Hr IST
Today_Min_Departure_from_Normal	-
Past_24_hrs_Rainfall	Recorded from 0830 hrs IST of previous day to 0830 hrs IST of today
Relative_Humidity_at_0830	Relative Humidity recorded at 0830 hrs (%)
Relative_Humidity_at_1730	Relative Humidity recorded at 1730 hrs (%)
Previous_Day_Relative_Humidity_at_1730	Relative Humidity of previous day recorded at 1730 hrs (%)
Sunset_time	Sunset Time
Sunrise_time	Sunrise Time
Moonset_time	Moonset Time
Moonrise_time	Moonrise Time
Todays_Forecast_Max_Temp	Forecasted Max Temp of Day-1 (i.e. Today) (^{o}C)
Todays_Forecast_Min_temp	Forecasted Min Temp of Day-1 (i.e. Today) (^{o}C)
Todays_Forecast	Weather Forecast of Day-1 (i.e. Today) (^{o}C)
Day_2_Max_Temp	Forecasted Max Temp of Day-2 (^{o}C)
Day_2_Min_temp	Forecasted Min Temp of Day-2 (^{o}C)
Day_2_Forecast	Weather Forecast of Day-2 (^{o}C)
Day_3_Max_Temp	Forecasted Max Temp of Day-3 (^{o}C)

Day_3_Min_temp	Forecasted Min Temp of Day-3 (^{o}C)
Day_3_Forecast	Weather Forecast of Day-3 (^{o}C)
Day_4_Max_Temp	Forecasted Max Temp of Day-4 (^{o}C)
Day_4_Min_temp	Forecasted Min Temp of Day-4 (^{o}C)
Day_4_Forecast	Weather Forecast of Day-4 (^{o}C)
Day_5_Max_Temp	Forecasted Max Temp of Day-5 (^{o}C)
Day_5_Min_temp	Forecasted Min Temp of Day-5 (^{o}C)
Day_5_Forecast	Weather Forecast of Day-5 (^{o}C)
Day_6_Max_Temp	Forecasted Max Temp of Day-6 (^{o}C)
Day_6_Min_temp	Forecasted Min Temp of Day-6 (^{o}C)
Day_6_Forecast	Weather Forecast of Day-6 (^{o}C)
Day_7_Max_Temp	Forecasted Max Temp of Day-7 (^{o}C)
Day_7_Min_temp	Forecasted Min Temp of Day-7 (^{o}C)
Day_7_Forecast	Weather Forecast of Day-7 (^{o}C)
Latitude	Latitude of Station
Longitude	Longitude of Station

Current Weather

Current Weather API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/current_wx_api.php?id=Station Id
or
URL: https://mausam.imd.gov.in/api/current_wx_api.php

Visualize Data: https://mausam.imd.gov.in/

User has to provide their public IP so that same could be whitelisted at our end.

Field	Value	Description
Station Id	Station Id	Station ID is unique for each station.
Station	Station name	Station name
Date of Observation	YYYY-mm-dd	Date of Observation
Time		It is time of observation in UTC
M.S.L.P		Mean Sea Level Pressure in hPa
Wind Direction		Wind Direction Description is given below.
Wind Speed		Wind Speed in KMPH
Temperature		Current Temperature in deg C
Weather Code		Weather code for current weather. (description file is attached).
Nebulosity		Cloud coverage from on the scale of 0-8.
Humidity		Humidity in percentage (%)
Last 24 hrs Rainfall		Rainfall in last 24 hrs in mm

Wind Direction Description:

Value	Direction
0	"Calm"
20	"North-northeasterly"
50	"Northeasterly"
70	"East-northeasterly"
90	"Easterly"
110	"East-southeasterly"
140	"Southeasterly"
160	"South-southeasterly"
180	"Southerly"
200	"South-southwesterly"
230	"Southwesterly"
250	"West-southwesterly"
270	"Westerly"
290	"West-northwesterly"
320	"Northwesterly"
340	"North-northwesterly"
360	"Northerly"

District wise Nowcast

The API can be accessed by following link

URL: https://mausam.imd.gov.in/api/nowcast_district_api.php?id=1

where 1 can be replaced by obj_id for a particular district

Visualize Data: https://mausam.imd.gov.in/responsive/districtWiseNowcast.php

Category No	value	Nowcast Categories Description
Station	Station name	Station name
Date	YYYY-mm-dd	Date of warning issued
Cat1	1	No Weather
Cat2	2	Light rain: < 5 mm/hr
Cat3	3	Light snow < 5cm/hr
Cat4	4	Light Thunderstorms with maximum surface wind speed less than 40 kmph (In gusts)
Cat5	5	Slight dust storm: If the wind speed is up to 41 kmph and visibility is less than 1,000 metres but more than 500 meters
Cat6	6	Low cloud to ground Lightning probability (< 30% probability of lightning occurrence)
Cat7	7	Moderate rain: 5-15 mm/hr
Cat8	8	Moderate snow: 5-15 cm/hr
Cat9	9	Moderate Thunderstorms with maximum surface wind speed between 41 – 61 kmph (In gusts)
Cat10	10	Moderate dust storm: If the wind speed is between 41- 61 kmph and visibility is between 200 and 500 metres due to dust
Cat11	11	Moderate cloud to ground Lightning probability (30 - 60% probability of lightning occurrence)
Cat12	12	Heavy rain: > 15 mm/hr
Cat13	13	Heavy snow: >15 mm/hr
Cat14	14	Severe Thunderstorms with maximum surface wind speed 62 -87 kmph (In gusts)
Cat15	15	Very Severe Thunderstorms with maximum surface wind speed > 87 kmph (In gusts)
Cat16	31	Other Warnings (Text warnings can be enterded)
Cat17	32	Thunderstorms with Hail
Cat18	33	Severe dust storm: If surface wind speed (in gusts) exceeding 61 kmph and visibility is less than 200 metres due to dust
Cat19	16	High cloud to ground Lightning probability (> 60% probability of lightning occurrence)
message	17	
toi	HHmm	time of issue of warning in IST
Vupto	HHmm	Warning Valid upto
color	1, 2, 3 or 4	Color code as 1, 2, 3 or 4.

Note:- Color Code can be used for warnings as:

1 for Cat1 Color is Green (#008000)
2 for cat2 to cat6 Color is Yellow(#FFFF00)
3 for cat7 to cat11 Color is Orange (#FFA500)
4 for cat12 to cat19 Color is Red (#ff0000)

Districtwise Rainfall

The API can be accessed by following link

URL: https://mausam.imd.gov.in/api/districtwise_rainfall_api.php?id=164

(where 1 can be replaced by obj_id for a particular district)

Visualize Data: https://mausam.imd.gov.in/responsive/rainfallinformation.php

Sample data (Fields are self-explanatory)

{

"OBJ_ID": "164",
"District": "ADILABAD",
"Date": "2023-01-31",
"Daily Actual": "0.00",
"Daily Normal": "1.70",
"Daily Departure Per": "-100%",
"Daily Category": "NR",
"Week Date": "19-01-2023 To 25-01-2023",
"Weekly Actual": "0.00",
"Weekly Normal": "1.70",
"Weekly Departure Per": "-100%",
"Weekly Category": "NR",
"Cumulative Date": "2023-01-01",
"Cumulative Actual": "0.00",
"Cumulative Normal": "11.60",
"Cumulative Departue Per": "-100%",
"Cumulative Category": "NR",
"Monthly Date": "01-12-2022 To 31-12-2022\r",
"Monthly Acutual": "5.10",
"Monthly Normal": "5.00",
"Monthly Departure Per": "1%",
"Monthly Category": "N"

},

Note:- Category used for rainfall:

1. Large Excess(60% or more) would be shown as **LE**
2. Excess(20% to 59%) would be shown as **E**
3. Normal(-19% to 19%)) would be shown as **N**
4. Deficient(-59% to -20%) would be shown as **D**
5. Large Deficient(-99% to-60%) would be shown as **LD**
6. No Rain(-100%) would be shown as **NR**
7. No Data would be shown as **ND**

Districtwise Warnings

The API can be accessed by following link

URL: https://mausam.imd.gov.in/api/warnings_district_api.php?id=573

Where 573 can be replaced by obj_id for a particular district

Visualize Data: https://mausam.imd.gov.in/responsive/districtWiseWarning.php

Category No	Nowcast Categories Description
Obj_id	Object ID for a district.
Date	Date of Issue
Updated_at	Time of Issue in IST
District	District Name
Day_1	Warning Code for Day 1. (More than 1 warning code can be added separated with ‘,’)
Day_2	Warning Code for Day 2. (More than 1 warning code can be added separated with ‘,’)
Day_3	Warning Code for Day 3. (More than 1 warning code can be added separated with ‘,’)
Day_4	Warning Code for Day 4. (More than 1 warning code can be added separated with ‘,’)
Day_5	Warning Code for Day 5. (More than 1 warning code can be added separated with ‘,’)
Day1_Color	Color code as 1, 2, 3 or 4.
Day2_Color	Color code as 1, 2, 3 or 4.
Day3_Color	Color code as 1, 2, 3 or 4.
Day4_Color	Color code as 1, 2, 3 or 4.
Day5_Color	Color code as 1, 2, 3 or 4.

Description of Warning Code

Warning Code	Description
1	No Warning.
2	Heavy Rain
3	Heavy Snow
4	Thunderstorm & Lightning, Squall etc
5	Hailstorm.
6	Dust Storm
7	Dust Raising Winds
8	Strong Surface Winds
9	Heat Wave
10	Hot Day
11	Warm Night
12	Cold Wave
13	Cold Day
14	Ground Frost
15	Fog
16	Very Heavy Rain
17	Extremely Heavy Rain

Day Color Code Description

Color Code	Description
1	#FF0000 (Red)
2	#ffa500 (Orange)
3	#ffff00 (Yellow)
4	#7cfc00 (Green)

Station-wise Nowcast

Station-wise Nowcast API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/nowcastapi.php
Or
URL: https://mausam.imd.gov.in/api/nowcastapi.php?id=Adilabad
where Station can be changed to desired station.

Visualize Data: https://mausam.imd.gov.in/responsive/stationWiseNowcast.php

User has to provide their public IP so that same could be whitelisted at our end.

Category No	Value	Nowcast Categories Description
Station	Station name	Station name
Date	YYYY-mm-dd	Date of warning issued
Cat1	1	No Weather
Cat2	2	Light rain: < 5 mm/hr
Cat3	3	Light snow < 5cm/hr
Cat4	4	Light Thunderstorms with maximum surface wind speed less than 40 kmph (In gusts)
Cat5	5	Slight dust storm: If the wind speed is up to 41 kmph and visibility is less than 1,000 metres but more than 500 meters
Cat6	6	Low cloud to ground Lightning probability (< 30% probability of lightning occurrence)
Cat7	7	Moderate rain: 5-15 mm/hr
Cat8	8	Moderate snow: 5-15 cm/hr
Cat9	9	Moderate Thunderstorms with maximum surface wind speed between 41 – 61 kmph (In gusts)
Cat10	10	Moderate dust storm: If the wind speed is between 41- 61 kmph and visibility is between 200 and 500 metres due to dust
Cat11	11	Moderate cloud to ground Lightning probability (30 - 60% probability of lightning occurrence)
Cat12	12	Heavy rain: > 15 mm/hr
Cat13	13	Heavy snow: >15 cm/hr
Cat14	14	Severe Thunderstorms with maximum surface wind speed 62 -87 kmph (In gusts)
Cat15	15	Very Severe Thunderstorms with maximum surface wind speed > 87 kmph (In gusts)
Cat16	31	Other Warnings (Text warnings can be entered)
Cat17	32	Thunderstorms with Hail
Cat18	33	Severe dust storm: If surface wind speed (in gusts) exceeding 61 kmph and visibility is less than 200 metres due to dust

Cat19	16	High cloud to ground Lightning probability (> 60% probability of lightning occurrence)
message	17	
toi	HHmm	time of issue of warning in IST
Vupto	HHmm	Warning Valid upto
color	1, 2, 3 or 4	Color code as 1, 2, 3 or 4

Note:- Color Code can be used for warnings as:

1 for Cat1 Color is Green (#008000)
2 for cat2 to cat6 Color is Yellow(#FFFF00)
3 for cat7 to cat11 Color is Orange (#FFA500)
4 for cat12 to cat19 Color is Red (#ff0000)

Statewise Rainfall Warnings

The API can be accessed by following link

URL: https://mausam.imd.gov.in/api/statewise_rainfall_api.php
or
URL: https://mausam.imd.gov.in/api/statewise_rainfall_api.php?id=jammu

Visualize Data: https://mausam.imd.gov.in/responsive/rainfallinformation_state.php

Sample data (Fields are self-explanatory)

{
"State": "DADAR & NAGAR HAVELI (UT)",
"Date": "31-05-2022",
"Daily Actual": "0.00",
"Daily Normal": "3.30",
"Daily Departure Per": "-100%",
"Daily Category": "NR",
"Week Date": "26-05-2022 To 01-06-2022",
"Weekly Actual": "0.00",
"Weekly Normal": "11.00",
"Weekly Departure Per": "-100%",
"Weekly Category": "NR",
"Cumulative Date": "01-03-2022 To 31-05-2022\r",
"Cumulative Actual": "0.00",
"Cumulative Normal": "9.00",
"Cumulative Departue Per": "-100%",
"Cumulative Category": "NR",
"Monthly Date": "01-05-2022 To 31-05-2022\r",
"Monthly Acutual": "0.00",
"Monthly Normal": "9.00",
"Monthly Departure Per": "-100%",
"Monthly Category": "NR"
},

Note:- Category used for rainfall:

1. Large Excess(60% or more) would be shown as **LE**
2. Excess(20% to 59%) would be shown as **E**
3. Normal(-19% to 19%)) would be shown as **N**
4. Deficient(-59% to -20%) would be shown as **D**
5. Large Deficient(-99% to-60%) would be shown as **LD**
6. No Rain(-100%) would be shown as **NR**
7. No Data would be shown as **ND**

AWS/ARG

API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/aws_arg_data_api.php?id=90148 (where ID can be changed)
Or
URL: https://mausam.imd.gov.in/api/aws_arg_data_api.php (For all stations data)

User has to provide their public IP so that same could be whitelisted at our end.

Sample data (Fields are self-explanatory)


```
{
        "Station Id": "90148",
        "Station": "Adakkaputhur",
        "Date of Observation": "2023-03-31",
        "Time": "8",
        "Mean Sea Level Pressure": "1008",
        "Wind Direction": "230",
        "Wind Speed KMPH": "22.3",
        "Temperature": "30.31",
        "Dew Point Temperature": "-1.00",
        "Humidity": "13",
},
```

River Basin (Quantitative Precipitation Forecast)

Port Warning API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/basin_qpf_api.php?id=100 (where ID can be changed)
Or
URL: https://mausam.imd.gov.in/api/basin_qpf_api.php (For all stations data)

Visualize Data: https://mausam.imd.gov.in/responsive/quantPrecipForecast.php

User has to provide their public IP so that same could be whitelisted at our end.

Field	**Description**
Obj_ Id	ID is unique for each basin.
Date	Date of issue in YYYY-mm-dd
FMO	Name of Flood Met Office
Basin	Name of river basin
SubBasin	Name of Sub-basin
Area (Sq. Km.)	Area of Basin
Day1	Forecast for Day-1
Day2	Forecast for Day-2
Day3	Forecast for Day-3
Day4	Forecast for Day-4
Day5	Forecast for Day-5
AAP	Average Areal Precipitation

Port Warning

Port Warning API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/port_wx_api.php?id=Port Id where Port ID can be changed.
Or
URL: https://mausam.imd.gov.in/api/port_wx_api.php (For all stations data)

Visualize Data: https://rsmcnewdelhi.imd.gov.in/port-warning.php

User has to provide their public IP so that same could be whitelisted at our end.

Field	**Description**
Port Id	Port ID is unique for each port.
Port Name	Port name
Issued By	Issued by CWC or ACWC
Date of Issue	Date of issue in YYYY-mm-dd
Warning	Warning

Coastal Bulletin

The API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/coastal_bulletin_api.php
Or
URL: https://mausam.imd.gov.in/api/coastal_bulletin_api.php?id=108 (where id can be changed)

Visualize Data: https://mausam.imd.gov.in/responsive/coastal_forecast.php

User has to provide their public IP so that same could be whitelisted at our end.

Sample:


```
[
    {
        "Id": "108",
        "Date of Observation": "2023-03-28",
        "Layer": "South Tamilnadu coast",
        "Issued by": "ACWC CHENNAI",
        "Valid From": "2023-03-28 22:00:00",
        "Validity": "12",
        "TTT Warning": "",
        "Wind": "South Westerly/ South Easterly, 10 - 15 Knots ",
        "Synoptic Situation": "NIL",
        "Weather": "Isolated Rain/ Thunderstorm ",
        "Visibility": "Good Becoming Poor ",
        "Sea Condition": "Smooth to Slight",
        "Port Signal": "NIL at all Ports",
        "Update Time": "2023-03-28 22:27:17"
    }
]
```


Descirption: Fields are self-explanatory

Sea Area Bulletin

The API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/seaarea_bulletin_api.php
Or
URL: https://mausam.imd.gov.in/api/seaarea_bulletin_api.php?id=108 (where id can be changed)

Visualize Data: https://mausam.imd.gov.in/responsive/marine_forecast.php

User has to provide their public IP so that same could be whitelisted at our end.

Sample:


```
[
    {
        "Id": "109",
        "Date of Observation": "2023-03-28",
        "Layer": "South West Bay ",
        "Issued by": "ACWC KOLKATA",
        "Valid From": "2023-03-28 21:00:00",
        "Validity": "12",
        "TTT Warning": "NIL",
        "Wind": "East/ South Easterly, 5 - 10 Knots ",
        "Synoptic Situation": "Weather seasonal over bay of bengal and andaman sea.",
        "Weather": "Isolated Rain/ Thunderstorm ",
        "Visibility": "Good Becoming Moderate ",
        "Sea Condition": "Smooth to Smooth",
        "Part 4": "NIL",
        "Part 5": "NIL",
        "Part 6": "nil",
        "Update Time": "2023-03-28 20:40:07"
    }
]
```


Description: Fields are self-explanatory

Subdivisional APIs

The API can be accessed by URL:

URL: https://mausam.imd.gov.in/api/api_5d_subdivisional_rf.php

URL: https://mausam.imd.gov.in/api/api_5d_statewisedistricts_rf_forecast.php

URL: https://mausam.imd.gov.in/api/api_subDivisionWiseWarning.php

Sample: (Rainfall Forecast)

User has to provide their public IP so that same could be whitelisted at our end.


```
[
        {
                "date_obs": "2023-09-17",
                 "Obj_id": "747",
                "District": "TIRUPATHI",
                 "State": "ANDHRA PRADESH",
                 "day1_color": "#4dff4d",
                 "day1_distribution": "Isolated",
                 "day1_distribution_percentage": "Stations [1-25]%",
                 "day2_color": "#4dff4d",
                 "day2_distribution": "Isolated",
                 "day2_distribution_percentage": "Stations [1-25]%",
                 "day3_color": "#00b31e",
                 "day3_distribution": "Scattered",
                 "day3_distribution_percentage": "Stations [26-50]%",
                 "day4_color": "#00b31e",
                 "day4_distribution": "Scattered",
                 "day4_distribution_percentage": "Stations [26-50]%",
                 "day5_color": "#00b31e",
                  "day5_distribution": "Scattered",
                 "day5_distribution_percentage": "Stations [26-50]%"
        },
]
```


Description: Fields are self-explanatory

Sample: (Rainfall Distribution)


```
[
        {
                "date_obs": "2023-09-18",
                 "SUBDIV": "Andaman & Nicobar Islands",
                 "day1_color": "#004de6",
                 "day1_distribution": "Widespread",
                  "day1_distribution_percentage": "Stations [76-100]%",
                  "day2_color": "#004de6",
                 "day2_distribution": "Widespread",
                 "day2_distribution_percentage": "Stations [76-100]%",
                 "day3_color": "#66FFFF",
                 "day3_distribution": "Fairly Widespread",
                 "day3_distribution_percentage": "Stations [51-75]%",
                  "day4_color": "#66FFFF",
                 "day4_distribution": "Fairly Widespread",
                 "day4_distribution_percentage": "Stations [51-75]%",
                 "day5_color": "#66FFFF",
                 "day5_distribution": "Fairly Widespread",
                  "day5_distribution_percentage": "Stations [51-75]%"
        }
]
```


Description: Fields are self-explanatory

Sample: (Subdivisional Warnings)


```
[
        {
                "date_obs": "2023-09-18",
                "SUBDIV": "Gangetic West Bengal",
                "day1_color": "#FFFF00",
                "day1_warning": "Heavy Rain and Thunderstorm & Lightning",
                "day2_color": "#FFFF00",
                 "day2_warning": "Thunderstorm & Lightning",
                 "day3_color": "#FFFF00",
                "day3_warning": "Thunderstorm & Lightning",
                "day4_color": "#FFFF00",
                "day4_warning": "Heavy Rain",
                 "day5_color": "#FFFF00",
                 "day5_warning": "Heavy Rain"
        }
]
```


Description: Fields are self-explanatory