



Spectrum representing what Air Quality..... **A Q I** means to your Health



January 2015

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

14th January: Celebrate National Forest Conservation Day

Websites: envis.tropmet.res.in
safar.tropmet.res.in
 E-mail : iitm-env@nic.in
 IVRS Toll Free No.: 18001801717
 Mobile App.: SAFAR-Air



IITM-Environmental Information System Centre (ENVIS)
System of Air Quality & Weather Forecasting & Research (SAFAR-India)
ESSO-INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE - 411 008



Good



Moderate



Poor



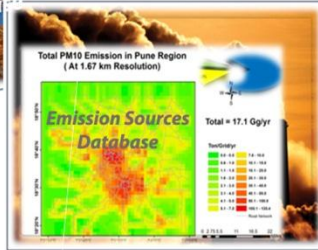
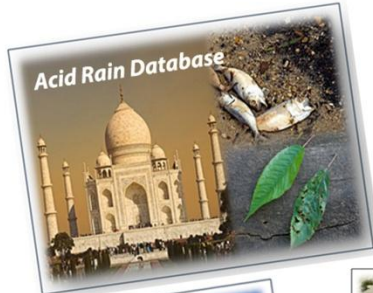
Very Poor



Severe

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ENVIS Data Warehouse at IITM



February 2015

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

27th February: Celebrate International Polar Bear Day

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Plan Your Pollution Free Day
- Call SAFAR-IVRS



- ✓ AIR QUALITY: Current & Forecast (1-3 days advance)
- ✓ AQ-ADVISORY: Air Quality Index in Colors & Health Advisory
- ✓ SOLAR RADIATION: Severity of Ultraviolet Rays & Skin Advisories
- ✓ WEATHER: Current & Forecast -All Parameters
- ✓ EXTREME EVENTS: Alert for Extreme Air Pollution Events
- ✓ EMISSION SCENARIO: Sources of Pollution & Identify Hotspot



21th March: Celebrate World Planting Day; 23rd March: Celebrate World Meteorological Day

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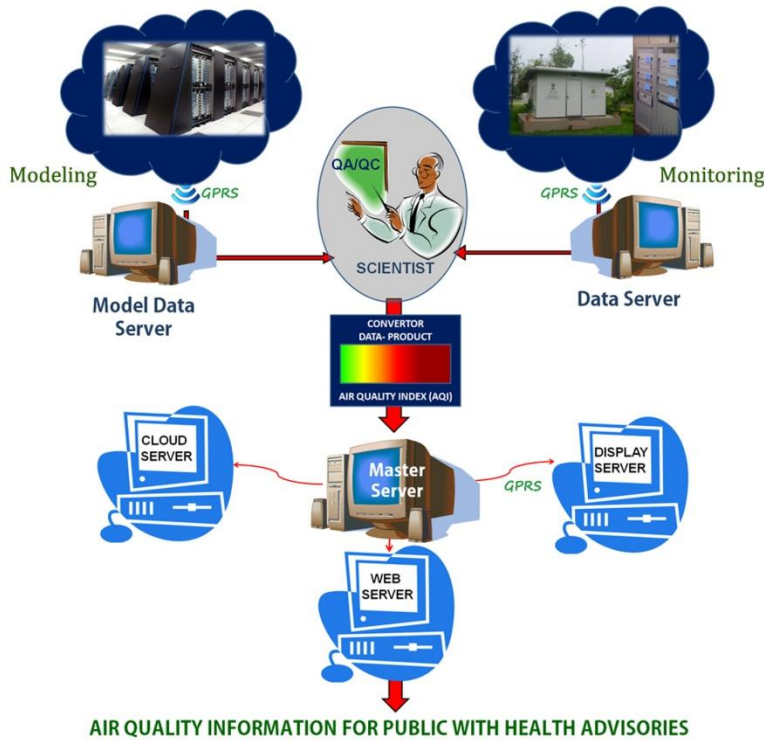


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Severe

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How SAFAR Functions?



April 2015

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

22nd April: Celebrate Earth Day; 18th April: Celebrate World Heritage Day

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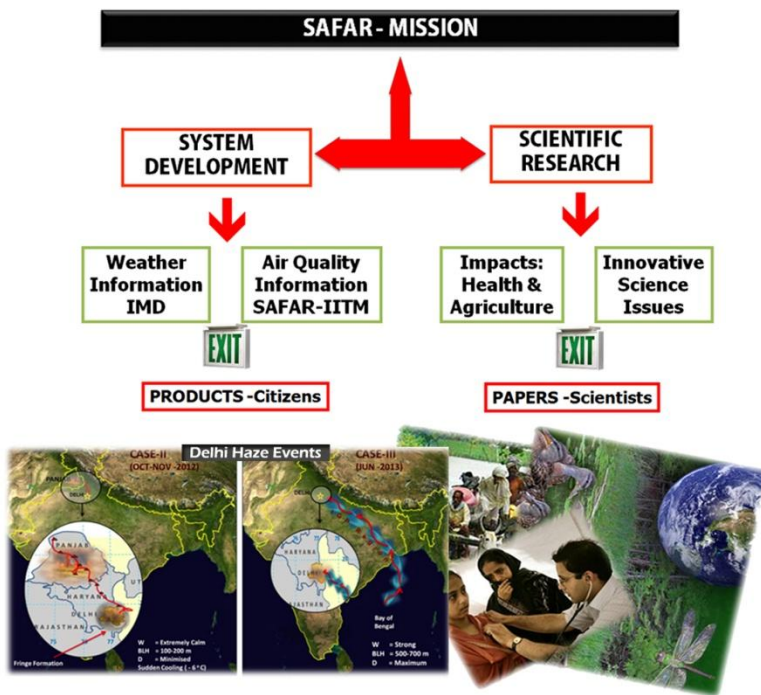
Very Poor



Severe

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Research must go Parallel with Development - Deliver for Society



May 2015

M	T	W	T	F	S	S
				1	2	3
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18	19	20	21	22	23	24
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1st May : Celebrate Anniversary of SAFAR - Pune

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Severe

Spectrum representing what Air Quality..... AQI means to your Health

Forecasting Air Quality IS Complicated....



- IITM made it happen !!

POLLUTION FRIGHT	
AIR QUALITY INDEX PM2.5	
Delhi	298 Poor
Tomorrow	231 Poor
Pune	162 Moderate
Tomorrow	178 Moderate
Source: SAFAR India's AQI app	

POLLUTION BLIGHT	
AIR QUALITY INDEX PM2.5	
Delhi	318 Poor
Tomorrow	262 Poor
Pune	164 Moderate
Tomorrow	176 Moderate
Source: SAFAR India's AQI app	

POLLUTION WATCH	
AIR QUALITY INDEX PM2.5	
Delhi	253 Poor
Tomorrow	268 Poor
Pune	171 Moderate
Tomorrow	188 Moderate
Source: SAFAR India's AQI app	

POLLUTION BITES	
AIR QUALITY INDEX PM2.5	
Delhi	332 Very Poor
Tomorrow	342 Very Poor
Pune	228 Poor
Tomorrow	236 Poor
Source: SAFAR India's AQI app	

POLLUTION TERROR	
AIR QUALITY INDEX PM2.5	
Delhi	390 Moderate
Tomorrow	398 Moderate
Pune	159 Moderate
Tomorrow	164 Moderate
Source: SAFAR India's AQI app	

POLLUTION TERROR	
AIR QUALITY INDEX PM2.5	
Delhi	247 Poor
Tomorrow	246 Poor
Pune	119 Moderate
Tomorrow	121 Moderate
Source: SAFAR India's AQI app	

June 2015

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29	30					

5th June: Celebrate World Environment Day

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Take a Step to Reduce Air Pollution
-Its Going to Cost Our Health & Food



July 2015

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27	28	29	30	31		

11th July: Celebrate World Population Day; 28th July : Celebrate World Nature Conservation Day

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SAFAR-Air
India's First Mobile App for Air



August 2015

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					1	2
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

12th August: Celebrate International Youth Day

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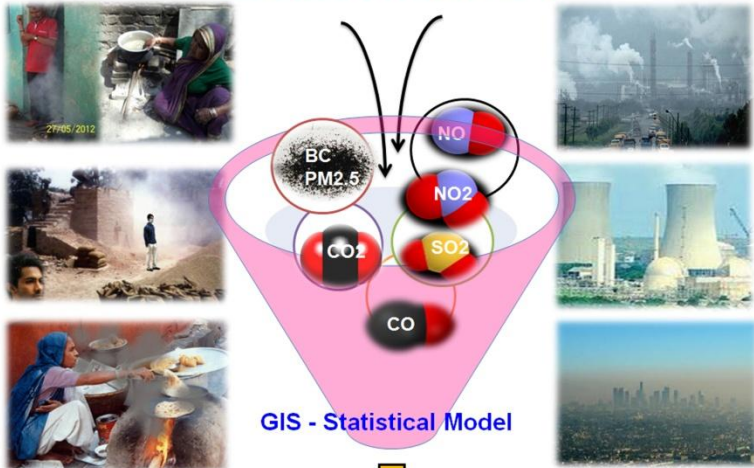
Very Poor

Severe

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IITM is Proud to be Pioneer in Emission Inventories

EMISSION OF POLLUTANTS



SOURCE APPORTIONMENT

September 2015

M	T	W	T	F	S	S
	1	2	3	4	5	6
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21	22	23	24	25	26	27
28	29	30				

16th Sept: Celebrate World Ozone Day; 23rd Sept: Launch of India's first Air Quality Forecasting System

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SAFAR - We Trust Quality & Precision



SAFAR: ISO 9001:2008 Accredited & World Meteorological Organization Recognized



October 2015

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			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
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5th October: Celebrate World Habitat Day; 24th October: Celebrate International Day of Climate Action

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First Assessment of Air Quality at Lumbini - Birth Place of Lord Buddha - Done by IITM with WHO



November 2015

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						1
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9	10	11	12	13	14	15
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23	24	25	26	27	28	29
30						

19th November: Celebrate International GIS Day

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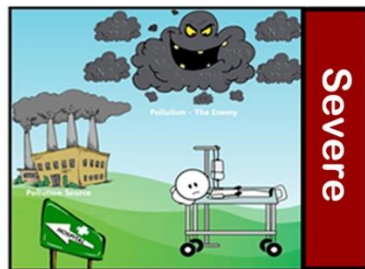


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SAFAR Products
for Society
-Translating Data
into Information



December 2015

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	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2nd Dec: Celebrate National Pollution Control Day; 14th Dec: Celebrate National Energy Conservation Day

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