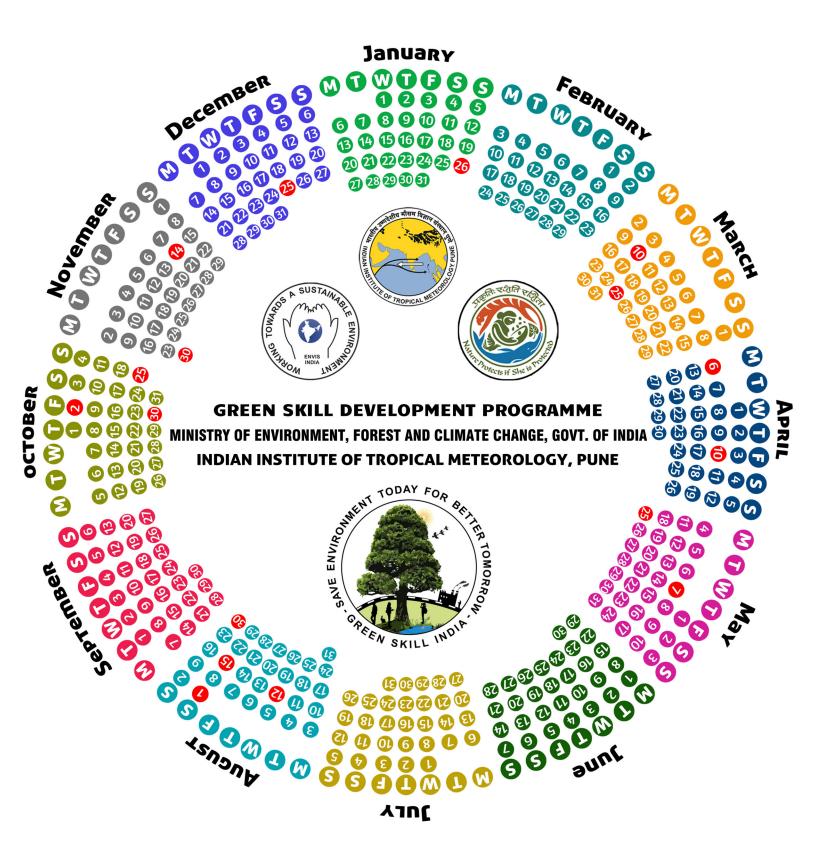
GSDP - Calendar 2020



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India the skill capital of the world







Skills in Environment, Forestry, Wildlife and Climate Change

44 SUBJECT COURSES

January 2020

Tuespay FRIDAY Saturday Sunday Monday Wednesday Thursday

10 11

13 14 15 16 17 18

20 21 22 23 24 25 26

27 28 29 30 31

IITM Holidays



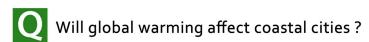
 26^{th} Republic Day

Green Days









Yes, sea levels have risen about 7 inches in the last 100 years, which is more than the previous 2000 years combined. The rising sea levels due to global warming could threaten the lives of people living along the coastal areas.







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SAFAR-Air

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SAFAR - INDIA

Proud to be India's First Air Quality Early Warning System.

Celebrating a decade of service to nation in air quality and weather in 4 Metropolitan cities Delhi, Pune, Mumbai and Ahmedabad



February 2020

Wednesday Thursday Monday Tuesday

FRIDAY

Saturday Sunday



12 13 14

17 18 19 20 21 22 23

24 25 26 27 28 29

Green Days



2nd World Wetlands Day



28th National Science Day



Does wildlife getting affected due to Climate change?

Yes, alongwith climate change factors like land degradation and habitat loss, is emerging as a top threat to wildlife around the globe, the report suggest.

March

						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					



March 2020

Wednesday Thursday Saturday Sunday Monday | Tuesday | FRIDAY **IITM Holidays** 30 31 25th Gudi Padwa **Green Days** 11 12 13 14 16 17 18 19 20 21 22 21st World Forestry Day 23 24 25 26 27 28 29 23rd World

Is alteration in land use pattern will cause global warming?

Yes, deforestation, the destruction of wetlands and other forms of land conversion can release massive amounts of carbon into the atmosphere, which may worsen global warming.

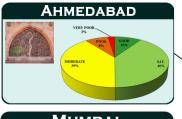
Mon Tue Wed Thu Fri Sat Sun

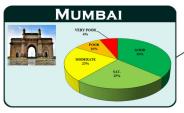
Meteorological Day

10th Holi

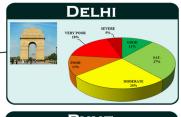
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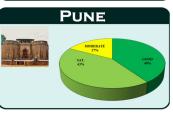
AIR OUALITY STATUS-2019 IN 4 SAFAR CITIES













% NUMBER OF DAYS IN DIFFERENT AQI CATEGORIES IN 2019

APRIL 2020

Sunday Tuesday Wednesday Thursday **FRIDAY** Saturday Monday

IITM Holidays



13 14 15 16 17

27 28 29 30

10th Good Friday

Green Days

20 21 22 23 24 25 26

22nd Earth Day



How excess Carbon Dioxide in atmosphere has affected oceans?

Since the beginning of the Industrial Revolution, the acidity of surface ocean waters has increased by about 30%. This increase is the result of humans emitting more carbon dioxide into the atmosphere and hence more being absorbed into the oceans. The amount of carbon dioxide absorbed by the upper layer of the oceans is increasing by about 2 billion tons per year.

Mon Tue Wed Thu Fri Sat Sun

17





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AHMEDABAD; 180 SCHOOL, 70,000 STUDENTS PUNE; 350 SCHOOLS, 1.4 LAKH STUDENTS

SAFAR-towards Awareness

Environment Awareness - Touching Young Minds

SAFAR- School Flag Awarenes Program on Air Quality



May 2020

Wednesday Friday Saturday Monday **Tuesday** Thursday

Sunday

IITM Holidays



Buddha Purnima



25th Id-ul-Fitr

18 19 20 21 22 23 24

12 13 14 15 16

25 26 27 28 29 30 31

Green Days



1st SAFAR-Pune Dedicated to Nation

How population growth and climate change are related?

Population and climate change are directly linked. Every additional person increases carbon emissions — the rich more than the poor and increases the number of climate change victims – the poor more than the rich.

Mon Tue Wed Thu Fri Sat Sun

30

29





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Who plants "A TREE" Plants "A HOPE"



June 2020

Monday Tuesday

Wednesday Thursday

FRIDAY

Saturday Sunday

Green Days

10 11 12 13

5th World **Environment Day**

15 16 17 18 19 20 21



15th Global Wind Day

22 23 24 25 26 27 28



17th World Day to combat Desertification & Drought

29 30



How climate change will affect the availability of food?

Climate change can disrupt food availability & affect food quality. For example, projected increases in temperatures, changes in precipitation patterns, changes in extreme weather events, and reductions in water availability may all result in reduced agricultural productivity.



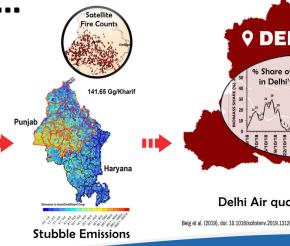
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GREEN SKILL DEVELOPMENT PROGRAMME

SAFAR-Making a Mark....



Stubble Fire Burning





July 2020

Tuesday Monday

Wednesday Thursday

Friday

Saturday Sunday

Green Days

10 11

13 14 15 16 17 18

20 21 22 23 24 25 26



28th World Nature conservation

day

29th International Tiger day

27 28 29 30 31

How does climate change affect water supply?

Warmer temperatures increase the rate of evaporation of water into the atmosphere, in effect increasing the atmosphere's capacity to "hold" water. Increased evaporation may dry out some areas and fall as excess precipitation on other areas.

	Mor	n Tue	Wed	Fri	Sat Sun		
St	31					1	2
D.	3	4	5	6	7	8	9
<u>m</u>	10	11	12	13	14	15	16
4	17	18	19	20	21	22	23
7	24	25	26	27	28	29	30

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 For Better **Tomorrow**



August 2020

Saturday Monday Tuesday Wednesday Thursday FRIDAY Sunday **IITM Holidaus**

12 13 14 15

31

17 18 19 20 21 22 23

24 25 26 27 28 29 30

Green Days

30th Muharram

1st Id-ul-Zuha (Bakrid)

12th Janmashtami

15th Independence day



10th International **Biodiesel Day**



Is depletion of the ozone layer the principal cause of global climate change?

No, ozone depletion is not the principal cause of global climate change. Ozone depletion and global climate change are linked because both ozone-depleting substances and their substitutes are greenhouse gases.

September

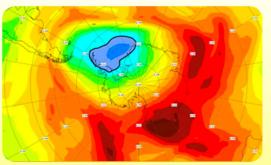
Mon Tue Wed Thu



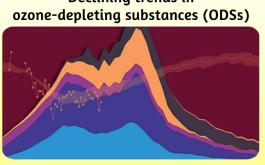


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2019 ozone hole is the smallest on record



Declining trends in ozone-depleting substances (ODSs)



World@zone

International Day for the Preservation of the Ozone Layer

September 2020

Monday Tuesday

Wednesday Thursday

FRIDAY

Saturday Sunday

10 11

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30

Green Days



16th World Ozone Day



18th International Coastal Clean Up Day



27th World Rivers Day



What causes atmospheric pollution?

Atmospheric pollution is caused by solid and liquid particles and certain gases that are suspended in the air. These particles and gases can come from car and truck exhaust, factories, dust, pollen, mold spores, volcanoes and wildfires.

October

SUSTAIN THE PROPERTY OF THE PR

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October 2020

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

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

IITM Holidays



Gandhi's Birthday

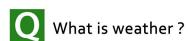


30th Id-e-Milad

Green Days

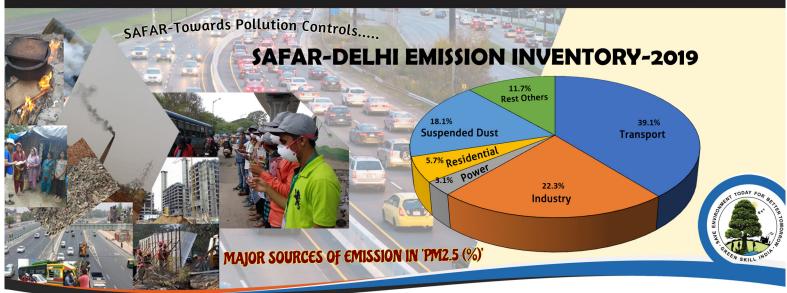


24th International Day of Climate Action



Weather is the state of the atmosphere, describing for example the degree to which it is hot or cold, wet or dry, calm or stormy, clear or cloudy.

GREEN SKILL DEVELOPMENT PROGRAMME MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE, GOVT. OF INDIA INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE SAFAR-Towards Pollution Controls...



November 2020

Saturday Sunday Wednesday Thursday Friday Monday Tuesday **IITM Holidays** 30 14th Diwali 30th Guru Nanak's Birthday 10 11 12 13 **Green Days** 16 17 18 19 20 21 22 11th National **Education Day** 23 24 25 26 27 28 29 19th International GIS day



Why should we protect our forests?

We depend on forests for our survival, from the air we breathe to the wood we use. Besides providing habitats for animals and livelihoods for humans, forests also offer watershed protection, prevent soil erosion and mitigate climate change.

Mon Tue Wed Thu Fri Sat Sun December





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Premises of INDIAN INSTITUTE OF TROPICAL METEOROLOGY

Pride of India: SAFAR -India's First Air Quality Forecasting System

"SAFAR" conceived, designed and Developed Here





December 2020

Monday Tuesday Wednesday Thursday Saturday Sunday FRIDAY

10 11

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

IITM Holidays



Green Days



National Pollution control day



14th **National Energy** Conservation day

How does haze affect the environment?

Haze is one of the most basic forms of air pollution and degrades visibility in many American cities and scenic areas. It is caused when sunlight encounters pollution particles in the air, which reduce the clarity and color of what we see.