



**Government of India
Earth System Science Organization
Ministry of Earth Sciences
India Meteorological Department**

**Press Release
Date 1st Jan 2021
Time of Issue: 1430 hrs IST**

Sub: Lowest minimum Temperature of 1.1°C over Delhi on 1 Jan 2021 after 2006:

1. Observed minimum Temperature today:

Delhi (Safdarjung Airport) recorded lowest winter minimum temperature of 1.1°C today, today the 01st January, 2021. This is the lowest minimum temperature for the month of January after 2006. The lowest ever minimum temperature over Delhi has been recorded as 0.2°C on 8th January, 2006. **(refer Table 1 for year-wise January month's daily lowest minimum temperature as observed for the period of 1991 till 2021)**

2. Cold Wave spell over Delhi:

Cold wave to severe cold wave condition is prevailing over Delhi since 28th December, 2020. It was intensified since 29th December with Safdarjung recording 3.6°C, 3.5°C and 3.3°C respectively on 29th, 30th and 31st December, 2020. During 31st December-1st January night, clear skies with local radiation cooling led to fall of minimum temperature by 1 to 2°C and hence leading to the lowest temperature of the season as 1.1°C.

3. Forecast for Delhi

(i) **Rain/Thunderstorm Forecast:** A fresh active Western Disturbance likely to affect Western Himalayan Region & adjoining plains from 03rd January, 2021 onwards. Due to interaction between the above Western Disturbance and lower level easterlies from Bay of Bengal, scattered to fairly widespread rainfall accompanied with thunderstorm/hailstorm at isolated places likely over Delhi during 3rd -05th with maximum intensity on 04th & 05th January, 2021.

(ii) **Temperature Forecast-** Easterly wind has set in over Delhi causing rise in temperature by 1130 IST by 2-4°C compared to yesterday. It is likely to Rise by 5-7°C in minimum temperatures during next 3 days. **Hence, Cold Wave Condition over Delhi would abate from tomorrow, the 2nd January, 2021.**

(iii) **Local Forecast for Delhi:** New Delhi-Safdarjung (Next Page)

Delhi			Past 24 Hours Weather Data(Safderjung Airport)	
			Maximum Temp(°C) (Recorded on 31/12/20)	17.4
			Departure from Normal(°C)	-2
			Minimum Temp (°C) (Recorded. on 01/01/21)	1.1
			Departure from Normal(°C)	-6
			24 Hours Rainfall (mm) (Recorded from 0830 hrs IST of yesterday to 0830 hrs IST of today)	NIL
			Relative Humidity at 0830 hrs (%)	96
			Relative Humidity at 1730 hrs (%) (Recorded on 31/12/20)	70
			Today's Sunset (IST)	17:36
			Tomorrow's Sunrise (IST)	07:14
			Moonset (IST)	09:46
Moonrise (IST)	19:43			
7 Day's Forecast				
Date	Min Temp	Max Temp	Weather	
01-Jan	1.0	18.0		Mainly Clear sky
02-Jan	5.0	19.0		Generally cloudy sky with Light Rain or Drizzle
03-Jan	6.0	20.0		Generally cloudy sky with Light Rain or Drizzle
04-Jan	8.0	20.0		Thunderstorm with hail
05-Jan	8.0	19.0		Generally cloudy sky with Light rain
06-Jan	6.0	19.0		Partly cloudy sky with possibility of rain or Thunderstorm
07-Jan	6.0	18.0	FOG	Fog

(Kindly refer <https://city.imd.gov.in/citywx/localwx.php> for the location specific forecast for other locations of over Delhi)

Table 1:Year-wise January month's daily lowest minimum temperature(°C) as observed for the period of 1991 till 2021

Year	JANUARY	
	EVER LOWEST MIN TEMP IN DEG C IN THE YEAR	DATE OF JAN WHEN THIS WAS RECORDED AT SFDERJUNG AIRPORT
1991	2.4	5
1992	3.4	14
1993	4.4	14
1994	4.5	20
1995	3.4	2
1996	4.8	7
1997	2.5	14
1998	2.1	20
1999	5.2	5
2000	4.2	7
2001	3	15
2002	4.4	3
2003	3.5	16
2004	3.7	6
2005	4.3	19
2006	0.2(Ever lowest 8 JAN, 2006 since 1991)	8

2007	2.6	8
2008	2.9	2
2009	4	2
2010	5.6	6
2011	4	4,5,7,9,12,18
2012	4	31
2013	1.9 (3 rd ever lowest in 1991-2021)	6
2014	4.4	8
2015	4.0	13
2016	4.2	22
2017	3.2	14
2018	4.2	6, 9
2019	2.4	1
2020	4	1
2021	1.1 (2 nd ever lowest in 1991-2021)	1
All time record 1901-2020	-0.6	16 Jan 1935-ever historical lowest record since 1901