



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

**Press Release
Date: 30th December, 2019
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Subject: Record breaking cold day condition at Delhi

- Delhi has recorded the coldest day for the month of December, 2019 today with Safdarjung recording lowest maximum temperature of 9.4° C. It is 11.4° C below the normal temperature of 20.8° C. It is the lowest ever day maximum temperature for the month of December based on the data of 1901 onwards. It surpassed the earlier record of 11.3° C on 28th December 1997. Similarly Palam recorded 10.0° C, Ridge 9.2° C and Lodi Road 9.3° C today.
- In December 2019, the average monthly maximum temperature over Safdarjung till 30th December is 18.6° C against the earlier record of 17.3° C in December 1997. In terms of total number of cold days, December 2019 has recorded 14 cold day/severe cold days while December 1997 had 17 such days.
- The minimum temperature has been 1-3° C causing severe cold wave conditions during last 3 days of 28th-30th December 2019 with lowest temperature reported at Lodi road as 1.7° C on 28th December.
- The dense fog over Delhi is the main cause for today's record breaking lowest maximum temperature in Delhi.
- This season's worst dense fog has also been observed all over Delhi today with visibility of 0-200 metre for a very prolonged period from 0230 to 1200 hours IST (as per data from IGI airport). Thereafter shallow to moderate fog covered the city.
- This very dense fog occurred due to lower level warm & moist light southeasterly winds mixed with dry & cold northwesterly winds over Delhi region accompanied with lower level inversion in the atmosphere.
- Forecast and warning for current severe cold spell/dense fog
 - With likely continuance of easterly winds over Delhi, similar cold day and dense fog conditions with reduced intensity is likely to prevail over Delhi tomorrow, the 31st December 2019.
 - In view of the approaching western disturbance, one or two spells of light rain/drizzle accompanied with thunderstorm likely during night of 1st to 3rd January 2019 forenoon. Thus cold day, cold wave and dense fog conditions would be abated from 1st January 2020.