

**GOVERNMENT OF INDIA
MINISTRY OF EARTH SCIENCES
LOK SABHA
UNSTARRED QUESTION No. 3932
TO BE ANSWERED ON WEDNESDAY, DECEMBER 17, 2014**

FOG PREDICTION

3932. SHRI NARASIMHAM THOTA:

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) Whether Indian Meteorological Department predicted a total of about 100 hours of fog and a couple of freak fog days in December, 2014 in Delhi;**
- (b) If so, whether the Meteorological Department has also predicted the fog condition in respect of other parts of the country;**
- (c) If so, the details thereof;**
- (d) Whether IMD proposed to send SMS and e-mail alerts to passengers with 18 hours forecast before flights; and**
- (e) If so the details thereof?**

ANSWER

**MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND
MINISTRY OF EARTH SCIENCES
(DR. HARSH VARDHAN)**

- (a-b-c) No, Madam. Earth System Science organization-India Meteorological Department (ESSO-IMD) does not issue seasonal and monthly forecasts for fog. This is the information for IGI Palam Airport based on climatology prepared on the basis of data for the period 1980-2010. The number of days with fog in other cities of northern India during December to February is given in Annexure –I.**
- (d-e) ESSO-IMD disseminates real time updates of possible fog development scenario in real time to Airport Authority of India (AAI) and Airport Operators/Airlines for taking appropriate action further.**

Annexure-I

Station	No. of Days with Fog (Visibility < 1 Km.)		
	Dec.	Jan.	Feb.
UTTAR PRADESH			
Agra	0.7	1.2	0.1
Lucknow	6.6	7.2	1.2
Baharaich	3.3	5.3	0.9
Gorakhpur	6.1	10.0	1.6
Sultanpur	6.3	4.9	1.5
Kanpur	8.7	8.9	2.4
Allahabad	3.5	5.1	1.1
PUNJAB			
Amritsar	9.5	8.3	2.3
Patiala	5.4	5.1	1.3
Ludhiana	5.4	5.6	1.4
UTTARAKHAND			
Mukteshwar	1.8	2.6	3.2
HARYANA			
Ambala	4.1	4.7	1.0
Rohtak	8.6	7.8	4.3
Gurgaon	4.1	3.1	1.6
Hissar	3.7	4.5	1.3
Jammu & Kashmir			
Jammu	1.5	1.2	0.1
MADHYA PRADESH			
Gwalior	1.2	2.4	0.5
RAJASTHAN			
Dholpur	1.2	1.4	0.1
Phalodi	0.3	1.2	0.3
Churu	1.9	2.4	1.0
Pilani	1.8	2.6	1.0
Bharatapur	5.6	7.8	1.7
Jaisalmer	1.0	0.9	0.4

BIHAR			
Patna	8.7	10.1	2.8
Purnea	1.1	3.0	0.3
Bhagalpur	0.7	2.3	0.4
JHARKHAND			
Daltonganj	0.8	1.3	0.2
Ranchi	0.9	2.1	0.6
WEST BENGAL			
Jalpaiguri	4.0	2.7	1.0
Coochbehar	1.3	4.8	0.7
Darjeeling	2.9	7.5	5.8
Kolkata	2.7	4.4	1.4
Diamond Harbour	1.4	2.2	2.0
Malda	9.7	10.9	6.4
Midnapore	4.0	1.7	0.7
SIKKIM			
Gangtok	3.3	4.8	4.8