

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
STARRED QUESTION NO. 134
TO BE ANSWERED ON 27.12.2017**

FOG PASS DEVICE

***134 SHRI SUDHEER GUPTA:
KUNWAR HARIBANSH SINGH:**

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of trains that have been reported running late or cancelled in the country due to fog during the current year;**
- (b) whether the Railways has issued a portable Global Positioning System (GPS) based Fog Pass device to loco pilots on trial basis for fog affected regions;**
- (c) if so, the number of the said portable devices issued to loco pilots on trial basis, zone-wise;**
- (d) the outcome of the said portable device during trial; and**
- (e) the other steps taken for timely running of trains during the winter season?**

ANSWER

**MINISTER OF RAILWAYS AND COAL
(SHRI PIYUSH GOYAL)**

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 134 BY SHRI SUDHEER GUPTA AND KUNWAR HARIBANSH SINGH TO BE ANSWERED IN LOK SABHA ON 27.12.2017 REGARDING FOG PASS DEVICE

(a) During the period from 01.11.2017 to 21.12.2017 in the current Financial Year a total of 3119 trains lost punctuality on account of Fog. Services of 25 pairs of Mail/Express trains have been cancelled while the frequency of 29 pairs of Mail/Express trains has been reduced. Further, 3 pairs of Mail/Express trains have been partially cancelled while 2 pairs of Mail/Express trains have been diverted as per the details appended as Appendix.

(b) Yes, Madam. A Portable Global Positioning System (GPS) based Fog Pass Device is being issued to Loco Pilots for fog affected regions.

(c) Zone-wise details of the number of Fog Pass Device issued to Loco Pilots are furnished as under:

Railway Zone	Number of Fog Pass Device issued
East Central	617
Northern	3185
North Central	282
North Eastern	975
Northeast Frontier	183
North Western	802

(d) Reported outcome of Fog Pass Devices from Zonal Raiwlays is satisfactory. It gives audio visual indication of the approaching signal, level crossing gates and other signal landmark 500 meters before to the Loco Pilots.

(e) To avoid delay of trains in foggy weather and to enhance level of safety when running in automatic block signaling sections, a modified automatic signaling system has been introduced which restricts the number of trains to two between two stations. Further, Railways have started implementing the provision of automatic train protection (ATP) system in selected sections.

ATP system has the facility of displaying the movement authority (equivalent to status of signals ahead) on a display in front of the loco pilot in the cab. This helps the loco pilot to confidently run the train even though the actual visibility of the signal may be poor due to fog. For assisting the train crew, especially in foggy weather, retro-reflective Sigma (Σ) boards are being provided on OHE mast two masts prior to the signals in electrified territories to warn the crew about signal ahead. Further, to ensure running of trains on time when pairing trains are running late, scratch rakes are inducted to the extent operationally feasible.

APPENDIX REFERRED TO IN REPLY TO PART (a) OF STARRED QUESTION NO. 134 BY SHRI SUDHEER GUPTA AND KUNWAR HARIBANSH SINGH TO BE ANSWERED IN LOK SABHA ON 27.12.2017 REGARDING FOG PASS DEVICE

Cancellation of trains during foggy weather 2017-2018					
(01.12.17 TO 13.02.18)					
S.No.	Train no	Train name	From Station	To Station	Freq.
1	12179	Intercity	Lucknow Jn	Agra Cantt	Daily
	12180		Agra cantt.	Lucknow Jn	Daily
2	13257	Jan Sadharan	Danapur	Anand Vihar	Daily
	13258		Anand Vihar	Danapur	Daily
3	14005	Lichchivi	Sitamarhi	Anand Vihar Terminus	Daily
	14006		Anand Vihar Terminus	Sitamarhi	Daily
4	14207	Padmavat	Pratapgarh	Delhi	Daily
	14208		Delhi	Pratapgarh	Daily
5	14211	Intercity	Agra cantt.	New Delhi	Daily
	14212		New Delhi	Agra Cantt	Daily
6	14217	Unchahar	Prayag	Chandigarh	Daily
	14218		Chandigarh	Prayag	Daily
7	14221	Express	Faizabad	Kanpur Anwarganj	Daily
	14222		Kanpur Anwarganj	Faizabad	Daily
8	14235	Express	Varanasi	Bareilly	Daily
	14236		Bareilly	Varanasi	Daily
9	14265	Express	Varanasi	Dehradoon	Daily
	14266		Dehradoon	Varanasi	Daily
10	14307	Express	Prayag	Bareilly	Daily
	14308		Bareilly	Prayag	Daily
11	14525	Intercity	Ambala	Sri Ganganagar	Daily
	14526		Sri Ganganagar	Ambala	Daily
12	15209	Jansewa	Shaharsa	Amritsar	Daily
	15210		Amritsar	Shaharsa	Daily
13	15275	Express	Saharsa	Barauni	Daily
	15276		Barauni	Saharsa	Daily
14	15483	Sikkim Mahananda	Alipurduar	Delhi	Daily
	15484		Delhi	Alipurduar	Daily
15	19717	Intercity	Jaipur	Chandigarh	Daily

	19718		Chandigarh	Jaipur	Daily
16	11901	Express	Mathura	Kurukshetra	Five days
	11902		Kurukshetra	Mathura	Five days
17	14673	Shaheed	Jaynagar	Amritsar	Four days
	14674		Amritsar	Jaynagar	Four days
18	12873	Jharkhand Swarna Jayanti	Hatia	Anand Vihar	Tri weekly
	12874		Anand Vihar	Hatia	Tri weekly
19	12583	AC Double Decker	Lucknow Jn	Anandvihar	Bi weekly
	12584		Anandvihar	Lucknow Jn	Bi weekly
20	13119	Express	Sealdah	Anand Vihar	Bi weekly
	13120		Anand Vihar	Sealdah	Bi weekly
21	14003	Express	New Delhi	Malda Town	Bi weekly
	14004		Malda Town	New Delhi	Bi weekly
22	14309	Ujjaini	Ujjain	Dehradoon	Bi weekly
	14310		Dehradoon	Ujjain	Bi weekly
23	14007	Sadbhawna	Raxaul	Anand Vihar	Bi weekly
	14008		Anand Vihar	Raxaul	Bi weekly
24	14015	Sadbhawna	Raxaul	Anand Vihar	Bi weekly
	14016		Anand Vihar	Raxaul	Bi weekly
25	14017	Sadbhawna	Raxaul	Anand Vihar	Weekly
	14018		Anand Vihar	Raxaul	Weekly

**Reduction in frequency of following trains during foggy weather 2017-2018
w.e.f. - 01.12.17 to 13.02.18**

S.No	Train no	Train Name	From Station	To Station	Frequency	Cancelled on day
1	12023	Jan Shatabdi	Howrah	Patna	Six days	Thursday
	12024		Patna	Howrah		Thursday
2	12365	Jan Shatabdi	Patna	Ranchi	Daily	Friday
	12366		Ranchi	Patna		Friday
3	12393	Sampoorna Kranti	Rajendra Nagar	New Delhi	Daily	Wednesday
	12394		New Delhi	Rajendra Nagar		Thursday
4	12397	Mahaboodhi	Gaya	New Delhi	Daily	Monday
	12398		New Delhi	Gaya		Tuesday
5	12561	Swatantrta Senani	Jaynagar	New Delhi	Daily	Thursday
	12562		New Delhi	Jaynagar		Friday
6	15203	Express	Barauni	Lucknow	Daily	Tuesday
	15204		Lucknow	Barauni		Friday
7	15211	Jan Nayak	Darbanga	Amritsar	Daily	Wednesday
	15212		Amritsar	Darbanga		Friday
8	13345	Intercity/ Link	Varanasi	Singrauli	Daily	Tuesday
	23347		Chopan	Shaktinagar		Tuesday
9	13346	Link	Singrauli	Varanasi	Daily	Tuesday
	23346		Shaktinagar	Chopan		Tuesday
10	13133	Express	Sealdah	Varanasi	Five days	Tuesday
	13134		Varanasi	Sealdah		Friday
11	12192	Sridham	Jabalpur	New Delhi	Daily	Wednesday
	12191		New Delhi	Jabalpur		Thursday
12	22405	Garibrath	Bhagalpur	Anand Vihar	Tri Weekly	Thursday
	22406		Anand Vihar	Bhagalpur		Wednesday
13	13239	Express	Patna	Kota	4 days a week	Friday
	13240		Kota	Patna		Saturday
14	12225	Kaifiyat	Azamgarh	Delhi	Daily	Thursday
	12226		Delhi	Azamgarh		Wednesday
15	12279	Taj	Jhansi	Nizamuddin	Daily	Wednesday
	12280		Nizamuddin	Jhansi		Wednesday
16	13413	Farrakka	Malda Town	Delhi	Tri weekly	Monday

	13414		Delhi	Malda Town		Wednesday
17	13483		Malda Town	Delhi	Four Days	Friday
	13484		Delhi	Malda Town		Sunday
18	12331	Himgiri	Howrah	Jammutawi	Tri weekly	Tuesday
	12332		Jammutawi	Howrah		Thursday
19	12333	Vibhuti	Howrah	Allahabad City	Daily	Tuesday
	12334		Allahabad City	Howrah		Wednesday
20	13005	Amritsar Mail	Howrah	Amritsar	Daily	Monday
	13006		Amritsar	Howrah		Wednesday
21	13021	Mithila	Howrah	Raxaul	Daily	Wednesday
	13022		Raxaul	Howrah		Thursday
22	14257	Kashi Vishwananth Express	Varanasi	New Delhi	Daily	Tuesday
	14258		New Delhi	Varanasi		Wednesday
23	14625	Intercity	Delhi Sarai Rohilla	Firozpur	Daily	Tuesday
	14626		Firozpur	Delhi Sarai Rohilla		Wednesday
24	13151	Express	Kolkatta	Jammutawi	Daily	Wednesday
	13152		Jammutawi	Kolkatta		Friday
25	13049	Amritsar Express	Howrah	Amritsar	Daily	Tuesday
	13050		Amritsar	Howrah		Thursday
26	15011	Express	Lucknow Jn	Chandigarh	Daily	Wednesday
	15012		Chandigarh	Lucknow Jn		Thursday
27	14649	Saryu Yamuna	Jaynagar	Amritsar	Tri-weekly	Friday
	14650		Amritsar	Jaynagar		Wednesday
28	14523	Harihar Express	Barauni Jn	Ambala	Bi weekly	Thursday
	14524		Ambala	Barauni Jn		Tuesday
29	11123	Mail	Barauni	Gwalior	Daily	Tuesday, Friday
	11124		Gwalior	Barauni		Monday, Thursday

**Diversion of trains during foggy weather 2017-2018
w.e.f. - 01.12.17 TO 13.02.18**

S. No.	Train No.	Train Name	From	To	Frequency	Scheduled route	Diverted route
1	13237	Express	Patna	Kota	Tri Weekly	Kanpur-Tundla-Agra-Mathura-Bharatpur	Kanpur-Farrukhabad-Kasganj-Mathura-Achhnera
2	13238	Express	Kota	Patna	Tri weekly	Bharatpur-Mathura-Agra-Tundla-Kanpur	Bharatpur-Achhnera-Mathura-Kasganj-Farrukhabad-Kanpur
3	13239	Express	Patna	Kota	4 days a week	Kanpur-Tundla-Agra-Mathura-Bharatpur	Kanpur-Farrukhabad-Kasganj-Mathura-Achhnera-Bharatpur
4	13240	Express	Kota	Patna	4 days a week	Bharatpur-Mathura-Agra-Tundla-Kanpur	Achhnera-Mathura-Kasganj-Farrukhabad-Kanpur

**Partial cancellation of trains during foggy weather 2017-2018
w.e.f. - 01.12.17 TO 13.02.18**

S. No.	Train No.	Train Name	From	To	Frequency	Partial Cancellation between
1	12403	Express	Allahabad	Jaipur	Daily	Mathura-Jaipur- Mathura
	12404		Jaipur	Allahabad		
2	13007	Udyan Abha	Howrah	Sri Ganganagar	Daily	Howrah-Agra Cantt.-Howrah
	13008	Toofan	Sri Ganganagar	Howrah		
3	12369	Kumbha Express	Howrah	Haridwar	Five days	Lucknow-Haridwar- Lucknow
	12370		Haridwar	Howrah		
