

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

STARRED QUESTION NO:346
ANSWERED ON:19.08.2004
DAMAGE TO RAILWAYS BY FLOOD
Singh Shri Chandra Bhushan;Singh Shri Dushyant

Will the Minister of RAILWAYS be pleased to state:

- (a) the details of damage caused by recent flood to Railways in various parts of the country especially in Central and Eastern States;
- (b) the details of train services disrupted and the loss suffered by Railways as a result thereof; and
- (c) the steps taken for carrying out repairs / restoration of the damages caused and the expenditure incurred thereon?

Answer

MINISTER OF RAILWAYS (SHRI LALU PRASAD)

(a) to (c): A statement is laid on the Table of the Sabha.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO. 346 BY SHRI DUSHYANT SINGH AND SHRICHANDRA BHUSHAN SINGH TO BE ANSWERED IN LOK SABHA ON 19.08.2004 REGARDING DAMAGE TO RAILWAYS BY FLOOD.

(a) A statement is attached as Appendix.

(b): The details of the services disrupted (Mail/ Express & Passenger trains on Broad Gauge & Metre Gauge) due to recent flood on Railways upto 12.8.2004 are as below:

Railway	No. of train trips cancelled cancelled	No. of train trips partially	No. of train trips diverted.
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East Central	2005	230	218
Northern	1174	-	230
Northeast	394	222	-
Frontier			
Western	121	128	27
Central	105	4	61

The loss suffered by Railways due to disruption of freight & passenger train services is approx. Rs 91 Cr.

(c): The monsoon reserves (boulders, ash, cinders, gunny bags etc.) kept in readiness are immediately mobilised at damaged / breached locations. The repairs are carried out by mobilising departmental / contractual men, material and machinery. Damaged bridges are temporarily restored using service girders.

As per the approximate assessment, the expenditure till 16.08.04 is about Rs. 48 Cr. excluding the expenditure to be done on permanent repairs in due course.

Appendix referred to in reply to Part (a) of Starred Question No. 346 by Shri Dushyant Singh & Shri Chandra Bhushan Singh to be answered on 19-08-2004

Sections on Indian Railways affected due to Flood/Breaches and Land Slips during 2004-05 (Position as on 16-08-04)

Sl. Rly.	State	Section	Location/Rly.Km.	From	To	Remarks
1	Central Railway	Maharashtra Kasara-Igatpuri (BG)	132-133,132/29 to 134/8-9,132/7 -	03-08-04	05-08-04	Up and Middle line restored.

			134/8-9			Down line work in progress expected by 18-08-04.
2 East Central Railway	Bihar	Sitamarhi - Darbhanga (MG)	44/9- 45/3, 45/7-10, 57/4-5, 57/10-12	09-07-04	20-07-04	Breaches at various locations.
		Sitamarhi - Darbhanga	41/2-42/0, 42/2-6	09-07-04	23-07-04	Breaches at various locations.
		Sitamarhi - Darbhanga	42/0-1, 42/1-2, 43/2-7, 45/11-12, 46/2-7, 61/8-62/3, 64/11-12, 65/11-12, 93/10-13, 94/12-13	09-07-04	09-08-04	Breaches at various locations.
		Sitamarhi - Darbhanga	59/11-60/0, 60/14-15, 61/4-5	09-07-04	02-08-04	Breaches at various locations.
		Sitamarhi - Darbhanga	46/7-8, 65/10-11, 65/13-14, 65/15-66/9, 66/10-67/1,	09-07-04	10-08-04	Breaches at various locations.
		Sitamarhi - Darbhanga	67/2-3, 68/6-7, 62/4-5, 63/12-13, 64/4-5, 64/7-10	09-07-04	05-08-04	Breaches at various locations.
		Sitamarhi - Darbhanga	64/1-2, 66/9-10, 92/10-11, 93/5-7	09-07-04	20-08-04 (Expected)	Breaches at various locations.
		Sitamarhi - Darbhanga	103/6-7, 103/12-13, 104/7-8, 104/9-12	09-07-04	07-08-04	Breaches at various locations.
3 East Central Railway	Bihar	Jhanjharpur - Nirmali	39/4-5, 39/12-16, 40/1-8, 40/9-41/9, 41/10-11, 41/12-42/1, 45/3-4, 45/11-12, 46/9-10, 46/11-12, 47/2-5	30-06-04	02-08-04	Flood water over topped rail level. Br. No. 106, 98, 95 & 92 affected due to flood.
		Jhanjharpur - Nirmali (MG)	47/14-48/4, 62/4-11, 65/1-3	30-06-04	30-08-04 (Expected)	Flood water over topped rail level.
		Jhanjharpur - Laukaha Bazar (MG)	0/15-16, 1/5-6, 1/10-11, 1/13-2/0, 2/2-3, 2/4-5, 2/11-12, 6/9-10, 6/11-12, 8/9-10, 8/12-15, 9/1-6, 9/7-9, 9/15-10/0, 10/0-12, 10/13-15, 12/7-11, 24/10-11	09-07-04	30-08-04 (Expected)	Flood water over topped rail level.
4 East Central Railway	Bihar	Jhanjharpur - Sakri (MG)	26/14-27/8	09-07-04	15-07-04	Flood water over topped rail level.
		Jhanjharpur - Sakri	35/6-11, 35/15-36/1, 36/2-3, 37/1-2, 38/1-2, 38/8-10	09-07-04	16-07-04	Flood water over topped rail level.
5 East Central Railway	Bihar	Darbhangha-Sakri (MG)	1/15, 1/17-18, 7/6-8	12-07-04	16-07-04	Breaches.
		Darbhangha-Sakri	1/18-2/9	12-07-04	17-07-04	Breaches.
		Darbhangha-Sakri	2/11-15, 4/4-8	12-07-04	18-07-04	Breaches.
		Darbhangha-Sakri	4/8-11	12-07-04	21-07-04	Breaches.
		Darbhangha-Sakri	4/11-14, 4/15-5/4, 5/8-11, 5/13-15	12-07-04	24-07-04	Breaches.
6 East Central Railway	Bihar	Khagaria-Mansi (MG)	121/14, 122/5-6	19-07-04	20-07-04	Ballast washed away by flood Water.

7	East Central Railway	Bihar	Mansi-Saharsa (MG)	2/17-3/1,4/3-7, Br. No. 52, 4/15, 5/9-14, 16/10-11, 17/8-9	11-07-04	15-09-04 (Expected)	Cutting on approaches and breaches
8	East Central Railway	Bihar	Muzafarpur - Samastipur (BG)	61/14-15, 62/1-5, 63/14-15, 64/5-6, 66/3-4	16-07-04	24-07-04	Ballast washed away by flood Water.
9	East Central Railway	Bihar	Muzafarpur - Sugauli (BG)	164/7-8	09-07-04	10-07-04	subsidence of embankment.
10	East Central Railway	Bihar	Saharsa - Banmankhi (MG)	33/0-32/13,64/3-4	11-07-04	14-07-04	Flood water touched the girder of bridge.
11	East Central Railway	Bihar	Saharsa - Forbisganj (MG)	89/5-6, 150/11-16	09-07-04	15-07-04	subsidence of embankment.
12	East Central Railway	Bihar	Samastipur - Darbhanga (BG)	8/2-3, 8/6-7	12-07-04	18-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	8/7-9	12-07-04	26-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	9/6-8, 9/9-10	12-07-04	06-08-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	11/10-11	12-07-04	03-08-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	11/13-14,12/2-3, 12/8-9	12-07-04	25-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	14/0-2, 16/4-5	12-07-04	26-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	15/2-4, 15/11-12, 15/13-14	12-07-04	22-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	15/15 - 16/1	12-07-04	31-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	16/1-4	12-07-04	06-08-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	21/3-4, 21/5-6, 21/15-22/1, 25/7-8	12-07-04	31-07-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	25/9 - 26/1	12-07-04	12-08-04	Breaches due to water over flowing.
			Samastipur - Darbhanga	27/1-2, 27/5-6, 28/5-7, 21/0-3	12-07-04	30-08-04 (Expected)	Breaches due to water over flowing.
13	East Central Railway	Bihar	Samastipur-Mansi (MG)	44/4-5, 44/0-3, 43/12-13,41/1-4, 40/10-12	12-07-04	21-07-04	Breaches.
	East Central Railway	Bihar	Samastipur-Mansi	43/0-2, 42/8-10, 42/4-5, 42/1-3	12-07-04	20-07-04	Breaches.
	East Central Railway	Bihar	Samastipur-Mansi	27/5-6, 14/6 (Br.7, 21/9-10) (Br.9, 23/8-9)	12-07-04	20-08-04 (Expected)	Breaches.
14	East Central Railway	Bihar	Raxaul-Sitamarhi (MG)	126/10-11	09-07-04	06-08-04	Breaches, Br. No. 88 affected.
			Raxaul-Sitamarhi	137/2-3,137/9-10,	11-07-04	10-08-04	Breaches, Br.

15	Northeast Frontier Railway	Assam	Guwhati-Lumding (BG)	135-137, 104/9-105/4, 29/3-4, 79/2-80/5, 81/3-7, 88/2-90/0, 87/3-7, 83/6-7	18-07-04	02-08-04	Ballast washed away by flood Water.
16	Northeast Frontier Railway	Assam	Katihari-Jogbani (MG)	96/6-12	10-07-04	15-07-04	Flood water over topped rail level.
17	Northeast Frontier Railway	Assam	Lumding-Badarpur (MG)	84/1-4, 146/0-1, 147/6-7, 161/1-6, 160/3-7, 160/1-2, 147/0-1, 147/3-5, 151/0-1, 150/2-3, 149/1-9, 153/3-4, 157/0-6, 157/9-158/0, 150/8-9, 152/7-9, 107/9-108/0	15-04-04	30-04-04	Water over flowed the track, breaches occurred at different locations.
18	Northeast Frontier Railway	Assam	Lumding-Badarpur	110/6-8, 152/4-5	12-05-04	13-06-04	35000 cum of earth fallen on track due to land slips.
19	Northeast Frontier Railway	Assam	Lumding-Badarpur	2/5-14/0-1, 149/5-6, 145/6-8, 130/1-4, 29/3-4, 30/2-3, 35/0 - 36/0, 43/6-7, 103/0 - 139/0, 135/9 - 136/0, 28/0-1 & 28/4-5, 61/8-9, 58/2-3, 81/7-82/2, 83/2-5, 85/7-8, 1/0-7/1, 7/0-12/13	27-06-04	16-08-04	Land slides and ballast washed out. Track sinkage, water overflowed.
20	Northeast Frontier Railway	Assam	Rangia - Murkongselek (MG)	358/9-10	14-05-04	28-05-04	Embankment eroded on approaches of bridge No. 348 for 10 mtrs & 11 mtrs.
21	Northeast Frontier Railway	Assam	Rangia - Murkongselek	356/9-10, 8/9-11/10, 43/10-11, 389/4-5 & 445/12-14, 130/8-9	17-06-04	05-08-04	Water over topped, braches occurred, Erosion of bank
22	Northeast Frontier Railway	Assam	Rangia-Rangapara (MG)	8/13 - 9/0-1	23-06-04	24-06-04	Water risen due to breach of marginal bund of Puthimari River
23	Northeast Frontier Railway	Assam	Siliguri - Darjeeling (NG)	36/11-12	17-07-04	29-07-04	Formation wall collapsed and sinked.
24	Western Railway	Gujarat	Ankeleshwar - Rajpipla (NG)	308/28 - 310/8, 315/20-22, 321-322	05-08-04	till date	Bank wash out due to heavy rain.
25	Western Railway	Gujarat	Bharuch-Chavaj Kavi Section (NG)	-	04-08-04	14-08-04	Traffic suspended due to heavy Rain
26	Western Railway	Gujarat	Billimora-Waghai (NG)	62/2	03-08-04	05-08-04	Water overtopped.
27	Western Railway	Gujarat	Kosamba-Umarpada Section (NG)	-	03-08-04	till date	Traffic suspended due to heavy Rain
28	Western Railway	Gujarat	Sabarmati-Bhatod (MG)	27/8-9	31-07-04	02-08-04	Br. No. 22 damaged due to heavy rain
29	Western Railway	Gujarat & Maharashtra	Virar-Surat (BG)	168/14-24, 168/13-15	03-08-04	05-08-04	Water overtopped Br. No. 275.
30	Western Railway	Gujarat	Godra-Ratlam	510/16-28, 513-	13-08-04	15-08-04	Water

514, 519/4-6,
495/0-3, 505/20-
506/6

overtopping the
track level. Up
line restored on
15-08-04, Down
line work in
progress.

31 Northern Railway	Haryana	Ambala-Kalka (BG)	206/14-15, 207/1- 2, 207/15-16, 210/0-3, 218/1-2, 236/7-12, 237/1-3, 239/11-12, 251/1-2	03-08-04	09-08-04	One bridge has been damaged beyond repairs and needs reconstruction. Service girder used for temporary restoration. Total length affected was about 400m. Bank was washed out at 5 locations, ballast washed out in stretch of 190m length. Bank settled at
32 Northern Railway	Haryana	Ambala-Rajpura (BG)	275/15-17, 275/9- 13, 275/1-7, 274/25-27, 271/5-7	03-08-04	13-08-04	Embankment was breached at 7 locations between Ambala- Shambhu stations over a stretch of 4.4 kms.
33 Eastern Railway	Bihar	Bhagalpur-Mandar hill section		21-06-04	01-07-04	