

NORTHERN RAILWAY IMPORTANT STATISTICS AS ON 31-03-2016

DIVISION WISE COACHING DEPOT		
DIVISION	No. of STN.	LOCATION
AMBALA	7	Ambala, Saharanpur, Chandigarh, Kalka, Shimla, Nangal Dam, Bathinda
DELHI	9	Jind, Rohtak, Delhi, Meerut City, Panipat, New Delhi, Delhi Sarai Rohilla, Hazrat Nizamuddin, Anand Vihar Terminal
FIROZPUR	12	Jammu Tawi, Pathankot, Bajinath Paprola, Ludhiana, Jalandhar City, Amritsar, Firozpur Cantt., Moga, Fazilka, Hoshiarpur, Udhampur, Joginder Nagar
LUCKNOW	8	Lucknow, Faizabad, Sultanpur, Jaunpur, Varanasi, Prayag, Partapgarh, Raebareilly
MORADABAD	8	Moradabad, Bareilly, Shahjahanpur, Balamau, Hapur, Najibabad, Haridwar, Dehradun
TOTAL	44	

DIVISION WISE RUNNING ROOM		
DIVISION	No. of STN.	LOCATION
AMBALA	8	Ambala, Saharanpur, Dhuri, Bathinda, Nangal Dam, Shimla, Chandigarh, Ropar Thermal Plant
DELHI	15	Ghaziabad, Panipat, Palwal, Rohtak, Jind, Jakhal, Sharnli, Meerut City, Anand Vihar Terminal, Hazrat Nizamuddin, Tughlakabad, Shakurbasti, Delhi, Delhi Sarai Rohilla, New Delhi
FIROZPUR	15	Ludhiana, Jalandhar City, Amritsar, Jammu Tawi, Pathankot, Bajinath Paprola, Udhampur, Budgam, Firozpur Cantt., Fazilka, Jajion Doaba, Shri Mata Vaishno Devi Katra, Lohian Khas, Kottkapura, Banihal
LUCKNOW	12	Lucknow, Alam Nagar, Varanasi, Sultanpur, Partapgarh, Faizabad, Jaunpur, Shahganj, Tanda, Phulpur, Unchahar, Prayag
MORADABAD	10	Moradabad, Bareilly, Rosa, Dehradun, Haridwar, Laksar, Najibabad, Chandausi, Balamau, Hapur
TOTAL	60	

DIVISION WISE SUMMARY OF STATIONS HAVING PI/RR1/EI			
DIVISION	NOS. OF STATIONS WITH PI/RR1/EI		TOTAL
	> 100 ROUTES	< 100 ROUTES	
AMBALA	21	104	125
DELHI	8	88	96
FIROZPUR	12	120	132
LUCKNOW	8	87	95
MORADABAD	6	50	56
TOTAL	55	449	504

DETAILS OF BRIDGES				
DIVISION	IMPORTANT	MAJOR	MINOR	TOTAL
AMBALA	8	299	2560	2867
DELHI	6	270	3278	3554
FIROZPUR	24	535	5272	5831
LUCKNOW	8	132	3943	4083
MORADABAD	17	268	2465	2750
TOTAL	63	1504	17518	19085

TEN LONGEST BRIDGES				
S. No.	DESCRIPTION	YEAR OF CONST.	SPAN	LENGTH
1	Br. No. 88 - JAT-UHP(SL) Tawi River (FZR DIVN)	2004	2x71.40+1x102.00+40x29.68	1432.00
2	Br. No. 11 - MGS-LKO(UP & DN) Malviya Bridge (LKO DIVN)	1943 & 1898	7x99.99+9x30.48	974.25
3	Br. No. 163 - FD-ALD(SL) Moti Lal Nehru Bridge (LKO DIVN)	1905	30x30.5	915.00
4	Br. No. 17 - PTK-KTHU(SL) Ravi River (FZR DIVN)	1955	2x18.0+17x45.9	816.30
5	Br. No. 101 - BE-ALN(SL) Ganga Bridge (MB DIVN)	1872	33x24.39	804.87
6	Br. No. 1246 - LKO-SRE(UP & DN) Ganga Bridge Balawali (MB DIVN)	1886	22x36.05	793.10
7	Br. No. 110 - LKO-CNB(UP & DN) Ganga Bridge (LKO DIVN)	1875	25x30.5+1x12.19	774.69
8	Br. No. 249 - GZB-DLI(UP & DN) Old Yamuna Bridge (DLI DIVN)	1867 & 1913	12x61.0	732.00
9	Br. No. 52 - MB-GZB(UP & DN) Ganga Bridge (MB DIVN)	1900	11x61.0	671.00
10	Br. No. 5 - A - LDH-ASR(UP & DN) Satuj River (FZR DIVN)	1870 & 1910	11x60.98	670.78

STATEMENT SHOWING CATEGORY WISE NUMBER OF STATIONS							
DIVISION	A-1	A	B	D	E	F	TOTAL
AMBALA	2	7	2	21	83	18	133
DELHI	4	15	10	40	90	63	222
FIROZPUR	5	7	3	22	158	65	260
LUCKNOW	2	12	5	27	111	35	192
MORADABAD	3	7	5	29	108	50	202
TOTAL	16	48	25	139	550	231	1009

ACTION PLAN FOR REDEVELOPMENT OF STATIONS (65 Nos.)				
DIVISION	A-1 Category	A Category	Other Category	
A-1 CATEGORY STATIONS	NEW DELHI, DELHI, H. NIZAMUDDIN, ANAND VIHAR TERMINAL, AMRITSAR, JAMMU TAWI, JALANDHAR CITY, LUDHIANA, SHRI MATA VAISHNO DEVI KATRA, LUCKNOW, VARANASI, HARIDWAR, BAREILLY, DEHRADUN, AMBALA CANTT., CHANDIGARH			
Through Indian Railway Station Development Corporation (IRSDC)	AMBALA	Chandigarh		
	DELHI	Anand Vihar Terminal		Bijwasan
Prefeasibility/Redevelopment under MOU with Foreign Countries	AMBALA	Ambala Cantt.		
	DELHI	New Delhi		
	FIROZPUR	Jammu Tawi, Ludhiana		
	LUCKNOW	Varanasi		
Through open bid from interested parties (Swiss Challenge Method)	AMBALA	Bathinda, Kalka, Saharanpur, Patiala, Sirhind, Rajpura, Jagadhari,		
	DELHI	Delhi, Hazrat Nizamuddin	Delhi Shahdara, Meerut City, Ghaziabad, Rohtak, Panipat, Karnal, Sonapat, Meerut Cantt., Ballabhgarh, Faridabad, Gurgaon, Delhi Sarai Rohilla, Delhi Cantt., Adarsh Nagar, Muzaffarnagar,	
	FIROZPUR	Amritsar, Jalandhar City, Shri Mata Vaishno Devi Katra	Beas, Udhampur, Phagwara, Firozpur Cantt., Pathankot, Jalandhar Cantt., Pathankot Cantt.	
	LUCKNOW	Lucknow	Raebareilly, Barabanki, Ayodhya, Janghal, Jaunpur, Sultanpur, Akbarpur, Partapgarh, Unnao, Shahganj, Faizabad, Bhadoi,	
	MORADABAD	Dehradun, Haridwar, Bareilly	Moradabad, Roorkee, Shahjahanpur, Chandausi, Hapur, Haridwar, Rampur	
TOTAL	16	48		1

TRAFFIC BOTTLENECK ON NORTHERN RAILWAY					
ITEM	DLI	FZR	LKO	MB	UMB
Congested Section having more than 100% Utilisation	DLI-A Panel, SBB-GZB, DLI-SZM, NDLs-DKZ, DLI-SZM, DKZ-DBSI, NDLs-SZM, LPNR-SBB, NZM-TKD, TKI-SBB, TKD-PWL	LDH-JRC	MGS-BSB, SBB-JNH, JNH-PBH, PBI-LKO, SKN-CDRL, ZBD-LBH, MK-CBC, LKO-AMG, PFM-PRG	LKO-MB, NBD-MZM, SCC-SPC, LRI-HW, HW-RWL	KJGY-DOA, UMB-CDG, RPI-PTA, DLI-BTI, DLI-JHL
Interchange Points served by Single Line	SRE, BTI, MTC	SNL, BTL, LDH, ABS, ATT	BHB, BSB, PRG, ON, JNU, SHG, AY	ON, SPC	BTL, JHL, KJGY, LDH, SNL(From NMDA), HSR, SGNR
Banking Section	Nil	JAT-SVDK	Nil	Nil	CDG-KLK
Non Electrified Goods Shed in Electrified Territories	Nil	Nil	SYW	Nil	Nil
Half Rake length in Goods Shed	GZB, TKD, DKZ, AST, BVH, FBD, DBD, MOZ, PRTP, MKX, MTC, GIJH, DEC, KZV, MSZ, ROK, BQH, GIE, KIN, SNP, BHD, KLE	DZA, PGH, JUC, KRE, BEAS, BTR, TRA, DHW, GSP, PTKC, JAT, BMMN.	VYN, KEI, BSB, AY, TD, FD	RMU, BE, MB, CH, HRA, KRSH, AMRO, HBI, BJO, BLM, BEJ, TLH, DPR, DNRA, RWL, VRN, JRHE	MRND, KLRI, BSPN
Indirect Reception at Goods Shed	Only PRTP is a direct reception at Goods Shed	Nil	VYN, KEI, BSB, AY, TD, SHG, AMS, MLI, PBI	BLH, HRI, RAC, TSC, BEI, TLH, CHTI, BE, RMU, MB, CH, DNRA, RK, HRW, BJO, JKSC, BRH, AMRO, GJL, IPU	All sidings are indirect Reception at Goods Shed
Reversal Points	15 Nos.	19 Nos.	23 Nos.	11 Nos.	9 Nos.

HDN (HIGH DENSITY) ROUTE	
SECTION	KM
New Delhi-Ghaziabad-Chhipana Buzurg UP & DN Line	29.33
New Delhi-Tughlakabad-Palwal UP & DN Line	57.68

DETAILS OF (25 T) FEEDER ROUTES TO DFC	
SECTION	KM
RJP-DLI-BTI = 148.22 SIR-PPAR-NLDM = 103.95 LDH-HSR = 205.44	457.61
LDH-BEAS-GWSB = 121.60	121.60
MCS-UCR via JNH, PFM = 219.15 ZBD-ABP-TD = 100.84 BSB-SLN-UTR-AMG = 295.79	615.78
AMG-RAC = 151.09	151.09
TOTAL	1346.08

PROPOSED ROUTE FOR UP-GRADATION TO CC+ 8 + 2 T	
SECTIONS	ROUTE KM
Khurja - Meerut - Saharanpur Delhi Shahdara - Sharnli - Saharanpur, Janghal - Jafarabad - Jaunpur, Allahabad - Pratapgarh - Faizabad, Unchahar - Unnao - Balamau - Sitapur City, Jind - Panipat, Rohtak - Panipat, Kurukshetra - Narwana, Jammu - Udhampur	1108.98

DIVISION WISE DETAILS OF LEVEL CROSSING (EXCEPT 'D' CLASS)			
DIVISION	MANNED	UNMANNED	TOTAL
AMBALA	437	84	521
DELHI	512	170	682
FIROZPUR	701	321	1022
LUCKNOW	626	183	809
MORADABAD	599	217	816
TOTAL	2875	975	3850

ROUTE WISE LEVEL CROSSING (EXCEPT 'D' CLASS)			
ROUTE	MANNED	UNMANNED	TOTAL
A	18	-	18
B	856	31	887
C	7	-	7
D Spl	373	102	475
D	298	36	334
E	1269	800	2069
MAIN LINE (NG)	51	4	55
SIDING	3	2	5
TOTAL	2875	975	3850

STATE WISE LEVEL CROSSING (EXCEPT 'D' CLASS)			
STATE	MANNED	UNMANNED	TOTAL
CHANDIGARH	4	-	4
DELHI	32	1	33
HARYANA	361	109	470
HIMACHAL PRADESH	49	6	55
JAMMU & KASHMIR	34	1	35
PUNJAB	991	391	1382
RAJASTHAN	8	13	21
UTTAR PRADESH	1336	448	1784
UTTARAKHAND	60	6	66
TOTAL	2875	975	3850

SECTIONS HAVING VERY HIGH DENSITY OF U/M LC (AV. SPACING ON N. RLY. IS 6.63 KM & 1R IS 5.69 KM)			
SECTION	NOS. OF U/M LC	LENGTH OF SEC.	Av. SPACING (KM)
Bathinda(BTI) - Kattar Singh Wala(KZW)	9	5.10	0.57
Delhi Shahdara (DSA) - Sharnli (SMQL) - Tapri (TFZ)	53	126.50	2.39
Batala(BAT) - Qadian(QDN)	19	17.20	0.91
Beas(BES) - Gwindwal Sahib(GWSB)	26	26.30	1.01
Akbarpur(ABP) - Tanda(TD)	15	11.90	0.79
Balamau(BLM) - Unnao(ON)	47	92.50	1.97

TENTATIVE PLANNING FOR ELIMINATION OF UNMANNED LEVEL CROSSING (B.G. ROUTE)					
Division/const.	By Manning	By Diverting to Adjacent LC's	By Closure Due to Low TVU	By LHS	Total
Ambala	12	12	-	58	82
Delhi	16	6	3	144	169
Firozpur	50	65	4	198	317
Lucknow	18	25	1	139	183
Moradabad	19	31	6	89	217
Total	187	139	14	628	968

ROUTES CLEARED FOR RUNNING OF CC + 8 + 2T TRAINS (INCLUDING FEEDER ROUTE TO DFC)	
SECTIONS	ROUTE KM
Lucknow-PBH-BSB-Mughalsarai including LKO Bye Pass Line, Moradabad-Saharanpur-Ambala Cantt.-Sirhind, Delhi-Panipat-Ambala cantt., Delhi-Shakurbasti-Bathinda, Panipat-Kurana, Palwal-Delhi Area, Ghaziabad-Delhi Area via DAL/GAL, Delhi Area via DAL, Delhi Area via GAL, Varanasi-Zafarabad-Lucknow, Zafarabad-Akbarpur, Janghal-Phaphamau-Unchahar including bye pass line, Rajpura-Bathinda including bye pass line, Kanpur-Lucknow, Lucknow-Bareilly-Moradabad, Rampur-Kathgodam, Barabanki-Ayodhya-Akbarpur-Tanda, Raebareilly-Daryapur, Hardiaganj-Chandausi-Moradabad, Ghaziabad-Meerut City, Ghaziabad-Moradabad, Rosa-Sitapur Cantt., Chandausi-Bareilly including Chaneheli Link, Laksar-Harrawala, Ambala-Chandigarh, ChuraruTakarla-Sirhind-Ludhiana - JUC-JAT, Jakhal-Dhuri-Ludhiana, Jalandhar City-Amritsar, Ludhiana-Firozpur Cantt., Delhi-Shakurbasti-Rewari, Jakhal-Hisar, Varanasi-Manduadh, Bara Banki-Jahangirabad, Moradabad-Kashipur, Jind-Sonapat	4237.72

ROUTES NOT CLEARED FOR RUNNING OF CC + 6 + 2T TRAINS		
DIVISION	SECTIONS	ROUTE KM
AMBALA	Nil	
DELHI	Nil	
FIROZPUR	Amritsar- Khemkaran, Firozpur City-Fazilka, Jalandhar City-Nakodar, Verka-Dera Baba Nanak	437.95
LUCKNOW	Faizabad-Prayag-Allahabad, Zafarabad-Janghal	
MORADABAD	Nil	

DETAILS OF STEEPEST GRADIENT, SHARPEST CURVATURE & LONGEST TUNNEL (B.G. ROUTE)				
DIVISION	DESCRIPTION	IN BETWEEN STATION	SECTION	TOTAL/MAX. LENGTH
AMBALA	Steepest Gradient	CDG-KLK	UMB-KLK	1 in 40/7.586Km
	Sharpest Curvature	NLDM-NGL	SIR-AADR	5 Degree/350m
	Longest Tunnel	NIL	NIL	NIL
DELHI	Steepest Gradient	DLI-SZM	DLI-PNP	1 in 335/1000m
	Sharpest Curvature	DSJ-BRSQ	LPNR-PTNR DAL	8Degree/980m
	Longest Tunnel	NIL	NIL	NIL
FIROZPUR	Steepest Gradient	UHP-CRWL	JAT-SVDK	1 in 93/110m
	Sharpest Curvature	MNVL-RMK	JAT-SVDK	5 Degree/727m
	Longest Tunnel	QG-BAHL	BAHL-BRML	11.215Km
LUCKNOW	Steepest Gradient	PRG-PYG	PRG-PYG	1 in 150/510m
	Sharpest Curvature	ZBD-JOP	ZBD-SLN(UP Line)	8Degree/160m
	Longest Tunnel	NIL	NIL	NIL
MORADABAD	Steepest Gradient	HW-DDN	LRI-DDN	1 in 75/11.510Km
	Sharpest Curvature	DWO-HRW	LRI-DDN	4.5Degree/1118m
	Longest Tunnel	HW-MOTC	LRI-DDN	278.60m

DIVISION WISE NOS. OF LOCATION & TOTAL LENGTH OF CURVES WHICH ARE EQUAL OR SHARPER THAN 4 DEGREE (B.G. ROUTE)				
DIVISION	SECTION	ROUTE	Nos OF LOCATION	TOTAL LENGTH OF CURVE (Metre)
AMBALA (9.836 KM)	DUI-JHL, UMB-KLK, RJP-DLI, CDG-MRND, SRE-UMB(UP & DN Line), MRND-AAD, TPZ-SRE, TPZ-KJGY, KJGY Bypass, HNC-KJGY UP & DN Line)	E	1	730
		B	3	1690
		E	2	708
		E	1	520
		B	2	160
		E	8	2671
		E	1	140
		E	2	642
		E	1	320
		E	4	2255
DELHI (18.993 KM)	HNZM-DLI, DLI-PNP, DLI-ROK, DLI-DEE, GHH-FN, DSA-TPZ, OKA-LPNR DAL-1, HNZM-LPNR DAL, LPNR-PTNR-DBSI DAL, DBSI-ANDI DAL, PTNR-DKZ EMU, C	A, D	14	3770
		B	4	870
		D	4	980
		E	6	820
		E	1	400
		C	3	760
		C	4	1420
		C	2	2814
		C	5	2849
		C	1	838
		C	1	1142
		C	5	2030
		E	1	310
		E	1	530
		E	1	920
E	1	1270		
B	7	3671		
B	5	2683		
E	40	14935		
E	1	740		
E	1	550		
LUCKNOW (1.513 KM)	ZBD-SLN (UP Line), ABP-TD (SL), PRG-PYG (SL), LKO-AMG (UP Line)	D Spl	1	160
		E	1	560
		E	1	435
		B	2	358
		E	1	730
MORADABAD (1.848 KM)	LRI-DDN, BLM-SPC	D, E	3	1118
		E	1	730
TOTAL				57499 KM

DIVISION WISE NOS. OF LOCATION & TOTAL LENGTH OF GRADIENT WHICH ARE EQUAL OR STEEPER THAN 1 IN 100 (B.G. ROUTE)			
DIVISION	SECTION	Nos OF LOCATION	TOTAL LENGTH OF GRADIENT (KM)
AMBALA	UMB-KLK	12(SL)	14.420
DELHI	Nil	Nil	-
FIROZPUR	JUC-PTK	3(UP)	0.650
	FZR-FKA	1(SL)	0.020
	PGW-JJ	6(SL)	1.185