COMMUTER RAIL SYSTEM

ON-TIME PERFORMANCE REPORT

November 2008



Office of Planning & Analysis

December 2008

COMMUTER RAIL ON-TIME PERFORMANCE November 2008

This report presents an analysis of the November 2008 train delays as reported for Metra's eleven commuter rail lines. On-time is defined, for this analysis, as those trains arriving at their last station stop within five minutes of schedule. Trains that are six minutes or more behind schedule are regarded as late.

Table 1 presents the number of train delays by rail line and service period. During November 2008, Metra operated 15,797 scheduled trains, including 'extras'. 760 of these trains were delayed (late or annulled), representing an on-time performance rate of 95.2%. Table 2 lists on-time percentages by line for each month and year since 2005. Table 3 lists each train that was on time for less than 85% of its weekday runs in November 2008, in order of line, train, and dates delayed. The codes in the 'Delay Code' column of Table 3 are defined in Table 4 and shown sorted by delay-cause category in Table 5.

Table 6 provides a daily listing of the number of delays by line and branch for November 2008.

Table 7.a shows the frequency of train delays by delay-cause category and by line during November 2008. Table 7.b shows the average frequencies over the previous five Novembers, and Table 7.c shows the differences between Table 7.a and Table 7.b. There were 760 delays systemwide in November 2008, 140 more than the average over the previous five Novembers. Tables 8.a and 8.b display the systemwide frequency of train delays by cause and by month, for 2008 and 2007 respectively. From January through November of 2008, a total of 7,908 trains were delayed, compared to 7,849 trains delayed in the same eleven months of 2007.

Table 9 shows, by line and month, all train delays caused by freight operations over the past 24 months. In November 2008 freight operations delayed 76 trains systemwide, compared to 100 a year earlier. Tables 10.a and 10.b display the frequency of lift-deployment train delays by line and month, for 2008 and 2007 respectively. A total of 17 trains were delayed by lift deployment in November 2008.

A review of November 2008 late trains by duration of delay is shown in Table 11. The range with the greatest number of delays was, as usual, six-to-ten minutes, accounting for 44.6% of all late trains. Table 12 shows that the average length of delay was 17.2 minutes in January 1900. It should be noted that these averages relate only to reportable delays (i.e., trains late by six minutes or more).

P:\ONTIME\report\[ReportText.xls]

TABLE 1: SCHEDULED AND DELAYED TRAINS, AND ON-TIME PERFORMANCE BY SERVICE PERIOD AND LINE November 2008

				W	eekday	8						Weel	kends			Total			
	1	Peak*		Of	f-Peak*	*		Total		Sa	turday	s	Sunday	rs & Ho	lidays				
	Trains Scheduled	Trains Late	Percent On-Time																
BNSF	1,026	65	93.7%	766	44	94.3%	1,792	109	93.9%	142	6	95.8%	109	4	96.3%	2,043	119	94.2%	
Elec -ML	855	49	94.3%	653	16	97.5%	1,508	65	95.7%	230	4	98.3%	120	8	93.3%	1,858	77	95.9%	
-BI	266	5	98.1%	437	15	96.6%	703	20	97.2%	150	1	99.3%				853	21	97.5%	
-SC	<u>323</u>	<u>3</u>	99.1%	<u>703</u>	<u>22</u>	96.9%	1,026	<u>25</u>	97.6%	<u>240</u>	<u>9</u>	96.3%	<u>120</u>	<u>2</u>	98.3%	<u>1,386</u>	<u>36</u>	97.4%	
Subtotal	1,444	57	96.1%	1,793	53	97.0%	3,237	110	96.6%	620	14	97.7%	240	10	95.8%	4,097	134	96.7%	
Heritage	114	8	93.0%				114	8	93.0%							114	8	93.0%	
Milw -N	477	27	94.3%	670	48	92.8%	1,147	75	93.5%	120	13	89.2%	120	11	90.8%	1,387	99	92.9%	
-W	<u>513</u>	<u>19</u>	96.3%	<u>594</u>	<u>18</u>	97.0%	1,107	<u>37</u>	96.7%	<u>121</u>	<u>3</u>	97.5%	109	<u>5</u>	95.4%	1,337	<u>45</u>	96.6%	
Subtotal	990	46	95.4%	1,264	66	94.8%	2,254	112	95.0%	241	16	93.4%	229	16	93.0%	2,724	144	94.7%	
NCS	209	7	96.7%	209	10	95.2%	418	17	95.9%							418	17	95.9%	
RI	684	12	98.2%	608	35	94.2%	1,292	47	96.4%	100	4	96.0%	97	4	95.9%	1,489	55	96.3%	
SWS	209	3	98.6%	361	33	90.9%	570	36	93.7%							570	36	93.7%	
UP -N	570	19	96.7%	760	36	95.3%	1,330	55	95.9%	130	13	90.0%	108	7	93.5%	1,568	75	95.2%	
-NW	627	43	93.1%	608	25	95.9%	1,235	68	94.5%	120	7	94.2%	90	4	95.6%	1,445	79	94.5%	
-W	<u>513</u>	<u>33</u>	93.6%	<u>608</u>	<u>52</u>	91.4%	<u>1,121</u>	<u>85</u>	92.4%	<u>100</u>	<u>5</u>	95.0%	<u>108</u>	<u>3</u>	97.2%	<u>1,329</u>	<u>93</u>	93.0%	
Subtotal	1,710	95	94.4%	1,976	113	94.3%	3,686	208	94.4%	350	25	92.9%	306	14	95.4%	4,342	247	94.3%	
SYSTEM	6,386	293	95.4%	6,977	354	94.9%	13,363	647	95.2%	1,453	65	95.5%	981	48	95.1%	15,797	760	95.2%	

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday trains.

Delays data for most recent month is final (12/15/08) version from TOPS.

 $P:\ONTIME\report\Delays\&TrainsByServPeriod.xls]OTPbyServPeriod\&Line 12/15/08$

														JAN-	
LINE	YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	NOV	AVG
BNSF	2005	94.3	95.7	96.2	98.1	95.9	95.7	96.8	94.2	94.4	95.0	96.1	93.8	95.7%	95.5%
	2006 2007	96.9 96.4	96.4 86.8	96.4 96.3	97.7 96.8	96.2 98.2	93.4 96.0	97.4 97.4	95.0 94.5	96.2 97.8	93.7 95.9	90.2 96.1	91.4 96.6	95.4% 95.7%	95.0% 95.8%
	2007	90.4 92.9	80.8 94.3	90.5 97.0	90.8 98.2	98.2 97.0	90.0 94.3	97.4 94.8	94.5 94.6	97.8 92.8	93.9 92.8	90.1 94.2	90.0	93.7% 94.8%	93.8% 94.8%
F14													09.7		
Electric	2005 2006	98.5 99.3	99.3 98.6	99.6 98.1	99.3 99.1	98.8 98.9	96.5 98.1	98.6 95.4	99.5 97.9	99.2 98.0	98.7 97.4	97.2 98.7	98.7 99.0	98.7% 98.1%	98.7% 98.2%
	2000	99.2	96.4	97.7	98.0	97.1	97.8	96.6	97.0	95.6	97.4	98.6	98.3	97.4%	97.5%
	2008	96.4	98.5	98.8	98.3	99.3	98.5	99.2	98.1	97.9	98.2	96.7		98.2%	98.2%
Heritage	2005	95.2	95.0	96.4	95.2	95.2	95.5	93.3	92.8	90.5	88.9	92.1	87.5	93.7%	93.1%
g-	2006	94.4	94.2	92.8	92.5	95.5	92.4	91.7	90.6	90.0	92.4	92.9	95.0	92.7%	92.9%
	2007	98.5	80.0	90.2	89.1	87.1	92.1	90.1	89.1	97.4	92.8	96.8	90.8	91.2%	91.1%
	2008	93.9	89.7	83.3	87.2	89.7	92.9	91.7	86.5	88.2	89.1	93.0		89.5%	89.5%
Milw - N	2005	90.4	98.4	97.5	95.4	95.7	94.3	92.4	95.8	95.6	97.7	91.3	88.3	95.0%	94.4%
	2006	92.7	97.3	95.6	97.1	93.9	93.5	90.6	95.4	94.2	92.8	89.3	92.6	93.8%	93.7%
	2007 2008	96.0 96.1	89.5 92.6	95.6 96.4	94.0 95.8	96.0 95.6	93.0 95.0	92.0 93.3	95.0 93.1	94.1 95.8	95.2 96.9	93.7 92.9	88.1	94.0% 94.9%	93.6% 94.9%
Milw - W	2005	91.1	97.0	96.1	96.6	97.7	95.5	96.2	93.8	96.0	96.2	93.0	89.1	95.4%	94.8%
	2006 2007	91.9 98.8	97.7 90.1	96.0 97.8	97.3 95.5	97.4 96.7	97.2 95.7	93.4 93.8	95.2 93.7	97.4 96.8	96.9 98.3	98.2 98.0	94.1 93.5	96.2% 96.0%	96.0% 95.8%
	2007	94.5	96.6	97.0 97.1	95.5 97.4	90.7 97.8	97.8	96.1	93.7 94.1	98.3	97.9	96.6	95.5	96.7%	96.7%
NCS	2005	88.6	97.0	89.6	90.0	98.1	85.5	89.5	90.0	89.0	93.3	88.2	84.9	90.7%	90.2%
ncs	2005	92.6	97.0 98.0	89.0 93.5	90.0 93.8	98.1 96.1	85.5 96.8	89.3 95.3	90.0 96.3	89.0 95.6	93.3 91.7	00.2 91.1	84.9 93.4	90.7% 94.6%	90.2% 94.5%
	2007	95.9	91.2	94.0	92.9	93.8	94.4	95.9	94.3	94.7	96.2	97.2	94.4	94.6%	94.6%
	2008	93.4	94.4	97.4	95.1	95.0	91.3	96.5	97.4	94.4	98.0	95.9		95.4%	95.4%
RI	2005	96.6	98.6	97.9	98.0	96.3	93.7	94.2	97.4	93.8	86.5	91.8	91.6	95.0%	94.7%
	2006	95.9	97.1	96.8	97.5	96.3	96.7	94.4	97.1	96.8	95.7	97.4	94.2	96.5%	96.3%
	2007	96.0	84.0	96.4	98.4	96.1	93.9	92.0	94.3	95.8	97.1	95.2	90.9	94.5%	94.2%
	2008	95.5	95.6	94.5	98.8	97.6	96.4	96.5	96.9	95.8	92.3	96.3		96.0%	96.0%
SWS	2005	94.0	92.5	97.0	96.7	94.7	96.0	94.4	96.7	96.1	95.5	93.2	90.5	95.2%	94.8%
	2006 2007	92.3 98.6	93.3 95.3	97.0 97.0	96.2 97.8	94.1 97.0	96.4 96.2	93.0 96.9	89.7 95.8	85.2 97.4	90.8 95.1	95.7 95.7	93.0 95.2	93.1% 96.6%	93.1% 96.5%
	2007	93.5	96.3	97.0 95.1	94.4	97.0 95.4	90.2 95.7	98.3	93.5	95.3	92.2	93.7	95.2	90.0% 94.9%	94.9%
UP - N	2005	94.0	99.6	99.0	99.5	98.8	96.6	96.3	93.7	97.6	96.7	98.4	99.0	97.3%	97.4%
UF - N	2005	94.0 98.5	99.0 98.1	99.0 98.8	99.3 97.0	98.8 99.5	90.0 98.3	90.3 95.6	95.7 95.8	97.0 97.8	90.7 98.7	98.4 96.7	99.0 96.6	97.3% 97.7%	97.4% 97.6%
	2007	98.0	92.8	97.9	98.5	97.4	93.9	93.5	89.8	96.8	97.6	96.8	92.6	95.7%	95.4%
	2008	91.9	89.4	95.1	95.5	97.1	90.9	92.2	89.9	93.5	95.6	95.2		93.3%	93.3%
UP - NW	2005	93.6	98.0	97.1	98.4	98.8	96.2	98.6	94.8	98.6	98.4	94.9	96.0	97.0%	96.9%
	2006	97.9	98.6	98.5	98.0	99.1	98.4	98.0	96.3	97.3	96.5	96.6	96.9	97.7%	97.7%
	2007	95.8	91.8	97.1	97.7	98.0	97.2	96.5	93.2	95.7	98.0	95.2	95.2	96.0%	96.0%
	2008	91.9	91.8	97.1	96.5	96.8	95.5	95.1	97.1	96.9	96.9	94.5		95.5%	95.5%
UP - W	2005	91.7	97.0	96.8	98.1	94.1	92.7	95.3	92.2	96.4	94.9	95.0	92.7	94.9%	94.7%
	2006 2007	91.7 95.9	93.7 91.5	96.0 93.6	94.2 96.5	94.2 94.7	95.6 93.7	96.1 95.6	94.8 90.7	95.1 93.2	96.0 96.6	94.9 95.5	93.8 91.0	94.8% 94.3%	94.7% 94.1%
	2007	95.9 95.2	90.4	93.0 93.7	94.5	96.9	95.4	95.0 95.3	94.5	93.2 93.0	90.0 91.0	93.0	91.0	93.9%	93.9%
SVSTEM	2000	067	07.0	09.1	08.2	077	07.0	06.4	067	07.7	07.2	07.1	Q1 O		
SYSTEM (not including	2000 2001	96.7 95.1	97.0 97.5	98.1 98.0	98.3 97.7	97.7 97.4	97.0 96.1	96.4 95.0	96.7 95.6	97.7 96.9	97.3 97.0	97.1 97.6	81.9 97.4	97.3% 96.7%	96.0% 96.8%
South Shore)	2002	97.0	97.7	96.8	97.1	95.9	95.1	96.0	96.1	97.7	95.9	96.2	96.3	96.5%	96.5%
	2003	97.2	97.4	97.3	97.3	98.0	96.5	96.2	96.4	97.5	96.8	97.4	97.3	97.1%	97.1%
	2004	96.1 04.6	96.9 07.0	97.9 07.7	97.7	97.3 07.3	96.8 05.3	96.9 06.4	97.7 05.0	96.9 06 7	96.6 05.0	96.4 05.1	95.8 04.4	97.0% 06.4%	96.9%
	2005 2006	94.6 96.2	97.9 97.2	97.7 97.1	98.0 97.4	97.3 97.1	95.3 96.5	96.4 95.2	95.9 96.0	96.7 96.3	95.9 95.7	95.1 95.5	94.4 95.3	96.4% 96.4%	96.3% 96.3%
	2007	97.4	91.4	96.6	97.0	96.7	95.6	95.2	94.2	95.8	96.9	96.5	94.4	95.8%	95.7%
	2008	94.5	94.5	96.6	97.0	97.4	95.7	96.0	95.3	95.7	95.5	95.2		95.8%	95.8%
Delays data for mo	ost recent n	nonth is fir	nal (12/15/	08) version	from TO	PS.			P	\ONTIME\ren	ort\[Delays&T	ainsByServPer	iod xlslOTP lir	e&month - 4 yrs	12/15/2008

TABLE 2: ON-TIME PERFORMANCE BY LINE/BRANCH

	n Date	Lata	•										
		Late	Code	Delay Explanation									
	3 Mon, Nov 03	23	С	LATE FLIP ACCT 10MPH AND X-ING TRAINS									
58% OT	Wed, Nov 05	9	Ι	PSGR HANDLING									
	Tue, Nov 11	7	Ι	PSGR HANDLING									
	Wed, Nov 12	8	U	ADA LIFT									
	Fri, Nov 14	7	А	SLOW PSGR UNLDG AND CATCHING UP TO 1275 WHO WAS 4 ML									
	Tue, Nov 18	17	С	FOLLOWING 1271 AND MOW MN 1 AT EOLA 10 MPH									
	Fri, Nov 21	17	G1	1275 AHEAD SWITCH FAILURE									
	Tue, Nov 25	0	E1	1274 ANNULLED, ENGINE FAILURE									
BNSF 127	5 Fri, Nov 07	12	R	TRAIN REVERSED AT HALSTD, ENGR FORGOT TO MAKE STATION STOP									
68% OI	Tue, Nov 11	10	Ι	LATE FLIP PSGR HANDLING									
	Wed, Nov 12	. 11	U	ADA LIFT AND DEPARTED 4 ML ACCT LATE ARRIVAL OF EQ									
	Tue, Nov 18	16	J1	LATE FLIP FROM 1276 ACCT POLICE ACTIVITY									
	Fri, Nov 21	15	G	SWITCH FAILURE HIGHLANDS									
	Tue, Nov 25	22	E1	LATE FLIP OFF 1276									
BNSF 128	0 Mon, Nov 03	8	Н	TRAIN HELD AT CICERO A PLANT TO CROSSOVER TO MN2 AROUND SLOW ORDER ON									
				MN3									
68% OI	Thu, Nov 13	11	J1	RESUMED 1276 SCHEDULE FROM WESTMONT. 1276 AHEAD OF THEM HAD A PSGR									
				REMOVED									
	Tue, Nov 18	31	J1	RESUMED 1276 SCHEDULE, FROM CLARENDON HILLS TO LAGRANGE RD									
	Fri, Nov 21		XR	TRAIN ANNULLED AIR PROBLEMS AT ATC									
	Tue, Nov 25		E1	FOLLOWED 1276									
	Wed, Nov 26		Ι	DEPARTED ATC 13 ML. LATE FLIP 1241									
	1 Mon, Nov 03		С	LATE FLIP AND 10MPH AND X-ING OVER									
74% 01	,		J1	LATE FLIP, ACCT RESUMING 1276 SCHEDULE INTO CUS									
	Tue, Nov 18		Ι	LATE EQ ARRIVAL									
	Fri, Nov 21		R1	1280 MECHANICAL FAILURE, SWAP EQ WITH 1285									
-	Tue, Nov 25		E	EXTRA STOPS ACC OF 1273									
	7 Mon, Nov 10		GX	COPIED A BOX 2 AND DROPPED A FLAGMAN AT OAK PARK AVE PER EE DS									
84% 01	Tue, Nov 18	11	I1	FOLLOWING 1281 AND CROSSED OVER AT WEST HINSDALE, COAL LOAD ON MAIN 2									
				HAD TO WAIT FOR HIM									
DUGE 100	Wed, Nov 26		DD	DISPATCHER ERROR									
BNSF 129	,		D	FRT TRAFFIC AT MP 8.6									
79% 01	,		KW	DELAYED BEHIND 1289 WHEN ENGINE DIED									
	Tue, Nov 18		C	MOW MAIN 1 AT EOLA									
DNGE 120	Fri, Nov 21		I	HEAVY UNLDG									
BNSF 132	,		I	LDG - OBAMA RALLY TRACTION MOTOR #2 FAILED									
84% 01	,		E	TRACTION MOTOR #3 FAILED									
BNSF 137	Fri, Nov 28 3 Mon, Nov 03		L1 C	STOPPED AT MP 27.5 RECEIVED PSGR OFF 1299, ACROSS MAIN TRACK LATE FLIP AND 10MPH AND X-OVER									
63% OT	,		DD	MISROUTES AT BERWYN AND FVW, 1285 AND 1373 DEPARTED OUT OF ORDER 1284									
0370 01	mon, nov 10	24	עע	ARR LATE CUS									
	Tue, Nov 11	22	DD	LATE FLIP WITH 1284 ARRIVING LATE AND 1373 DEPARTING 22 ML FROM MISROUTE									
	100, 100 11			ON 1255									
	Wed, Nov 12	2 10	G1	LATE FLIP ACCT LATE ON 1255 FLIP AND 1284 LATE EQ ARRIVING CUS									
	Mon, Nov 17		DD	NO LINEUP AT EOLA									
	Tue, Nov 18		C	FOLLOWING 1273 AND MOW MN 1 AT EOLA 10 MPH									
	Fri, Nov 21		G1	FOLLOWED 1273									
HC 092			E	44" MECH PROBS, 21ST ST; 5" FRT TRN INT, CP BRIGHTON; 4" RE- STRICTING, CP									
			Ľ	CANAL/ARGO; 3" P/U MECHANIC, WILLOW SPRINGS.									
79% OT	Tue, Nov 04	0	XE	ANNULLED AT SUMMIT (MECH PROBS). PSGRS FORWARDED ON AMTRAK #307,									
	1 40, 1101 01			MAKING ALL METRA STOPS TO JUD.									
	Tue, Nov 11	12	D	20" BNSF #QLACCHI606 CLEARING CORWITH; 4" RESTRICTING, MP 21.7.									
	Fri, Nov 14		D	10" CSX-K651 X-TRAFFIC, LEMOYNE; 1" WAITING ON SIGNAL, CP CANAL									

		Minutes	Delay	
Line Train	Date	Late		Delay Explanation
ELBI 0227	Tue, Nov 04	11	Ι	HEAVY LOADING
68% OT	Wed, Nov 05	6	Ι	HEAVY LOADING @ 63RD (STUDENTS).
	Mon, Nov 10	6	AS	HELD AT 14.21 WAITED FOR S. SHORE.
	Tue, Nov 11	13	IW	WEATHER CONDITIONS
	Wed, Nov 12	12	Ι	HEAVY LOADING DUE TO WEATHER CONDITIONS ON 63RD STREET.
	Tue, Nov 25	6	Ι	HEAVY LOADING AT 63RD STUDENTS
ELBI 0243	Tue, Nov 04	7	G1	WAITING ON #142.
84% OT	Wed, Nov 05	7	Ι	7" WAITING ON #142.
	Tue, Nov 11	6	Ι	WAITING ON TRAIN 142 FOR PASSENGER FOR BLUE ISLAND 115 KENSINTON
ELML 0604	,	6		5" CSS #12 X/O AHEAD, KENSINGTON; 1" #504 AHEAD, 67TH-51ST.
74% OT	Fri, Nov 07	6	C1	5" LATE TURN OF EQ, KENS; 1" #504 AHEAD.
	Wed, Nov 12	11	G	70TH STREET RED SIGNAL WORKING ON TRAIN #504, RANDOLPH INTERLOCKING RED
		-		SIGNALS.
	Thu, Nov 20	7	G	KENSINGTON RED SIGNAL. 18TH STREET YARD PICKING UP CREWS.
	Mon, Nov 24	7	C1	4" #504 X/O AHEAD, 67TH ST AND FOLLOWING SAME TO 51ST ST; 3" RED SIG,
	T N 04	6	10	RANDOLPH.
ELML 0704		6 7	AS	5" CSS #110 X/O AHEAD, KENSINGTON; 1" CONGESTION, VAN BUREN.
74% OT	Wed, Nov 12	7	A	7" WAITING FOR LINE-UP, VAN BUREN ST. 7" PROBLEM WITH CORRDENATION FOR MEDICAL EMERGENCY
	Mon, Nov 17 Thu, Nov 20	9	G G	7" RESTRICTING SIGNALS, HOMEWOODRANDOLPH
	Mon, Nov 24	12	C1	9" DELAYED #754 AHEAD, RICHTON; 3" DELAYED #734 AHEAD, HW-KEN- SINGTON.
ELML 0706		8	C1	8" FOLLOWING TRAINS.
84% OT	Thu, Nov 07	13	G1	13" FOLLOWING TRAINS ENROUTE
04/001	Mon, Nov 24	10	C1	10" DELAYED #754 AHEAD.
ELML 0734		6	AS	4" CSS X/O AHEAD, KENSINGTON; 4" CSS #7 CLEARING RANDOLPH.
84% OT	Thu, Nov 20	6	J1	6" FOLLOWING #754 ENROUTE
01/001	Mon, Nov 24	13	C1	13" DELAYED #754 AHEAD.
ELML 0738	Fri, Nov 07	8	G	DUE TO BROKEN RAIL ON TRK 2 SOUTH OF RIVERDALE AND ALL TRAINS WERE SENT
	,			UP TRK 1 (RESTRICTING SIGNALS)
79% OT	Wed, Nov 12	7	А	7" TRNS AHEAD, RANDOLPH ST.
	Mon, Nov 17	7	G	7" RED SIGS, IVANHOE-RIVERDALE.
	Thu, Nov 20	7	G1	7" HELD IN RICHTON YARD, RICHTON YARD
ELML 0752	Fri, Nov 07	11	С	8" BROKEN RAIL, HARVEY; 3" CONGESTION, VB.
84% OT	Mon, Nov 17	6	AS	6" DISABLED CSS TRN AHEAD, VAN BUREN.
	Thu, Nov 20	13	J1	13" BEHIND #106 WITH PASSENGER ILLNESS, HOMEWOOD
ELSC 0327	Tue, Nov 04	6	Ι	6" HEAVY/SLOW ENTRAINING ENROUTE.
84% OT	Thu, Nov 06	6	KW	1" CREW PICK UP, 18TH; 2" SLOW ENTRAINING ENROUTE; 3" SLICK RAIL/WEATHER
				ENROUTE.
	Mon, Nov 24		Κ	10" CAR ON TRKS, 71ST/STONY.
	Thu, Nov 06		C1	8" MEETING #149, 67TH.
84% OT	Mon, Nov 10			12" HELD FOR CONNECTIONS OFF DELAYED #149, 67TH ST.
	Thu, Nov 13	6	C1	11" MEETING #149, 63RD.
ELSC 0353	Thu, Nov 06	19	C1	19" MEETING #153, 67TH.
79% OT	Mon, Nov 10	10	C1	15" HELD FOR CONNECTIONS OFF DELAYED #153, 67TH ST.
	Tue, Nov 11	9	I1	14" HELD FOR CONNECTIONS OFF #153, 67TH ST.
101 0140	Thu, Nov 13		C1	13" MEETING #153, 67TH.
MN 2143	Thu, Nov 06	56	G	30" SIGNAL FAILURE, MAYFAIR; 25" CLEAR MT, GRAYSLAKE; 3" TRAIN MASTER ASSIST
940/ OT	T N 25	10	C	PSGR, CUS; 2" ADA, CUS TO GRAYSLAKE; 2" 10 CARS NO COLLECTOR CL
84% OT	Tue, Nov 25	10	G	13" LATE EQ FROM WACY (ACCT FALSE CLEAR, TOWER A3); 3" FALSE CLEAR, TOWER
	Eni Nov 29	0	DE	A3/COMPLIANCE WITH FRA INSTRUCTIONS.
MN 2144	Fri, Nov 28 Mon, Nov 03	<u>9</u> 10	RF	9" RED SIG, DEERFIELD.
84% OT	Tue, Nov 03		I	10" #2142 AHEAD FROM DEERFIELD. 4" LATE TURN OF DELAEYD #2123; 6" TRN AHEAD, DEERFIELD-GOLF.
04% UI		8	I C1	
	Wed, Nov 05	10	C1	4" HELD FOR DELAYED #2142 TO PASS, DEERFIELD; 12" DELAYED #2142 AHEAD TO
				NORTHBOOK (P/U #2142'S SHORTS) AND MADE ALL STOPS TO CUS.

		Minutes	Delay	
Line Train	Date	Late	Code	Delay Explanation
MN 2149	Mon, Nov 03	55	E1	59" MEETING DELAYED #2156/2158 OFF THE J LINE, RONDOUT.
74% OT	Tue, Nov 04	20	D1	15" MEETING DELAYED #2156 OFF THE J LINE, RONDOUT; 5" FLAGGING CP/WC XING.
	Thu, Nov 06	0	XG	ANNULLED DUE TO SIGNAL PROBLEMS.
	Wed, Nov 19	63	F1	65" MEETING DELAYED #2158/2156 OFF THE J LINE, RONDOUT.
	Fri, Nov 28	10	RF	10" MEETING DELAYED #2156 OFF THE J LINE, RONDOUT.
	Mon, Nov 03	30	E1	30" DELAYED #2149 AHEAD.
58% OT	Tue, Nov 04	21	G1	21" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
	Thu, Nov 06		G	2149 ANNULLED ACCT SIGNAL PROBLEMS, COMBO W/2151
	Mon, Nov 10		I1	10" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT; 1" NO REASONGIVEN.
	Fri, Nov 14	8	I1	8" MEETING DELAYED #2158, RONDOUT.
	Wed, Nov 19		F1	36" DELAYED #2149 AHEAD, RONDOUT.
	Tue, Nov 25	9	G1	3" FALSE CLEAR, TOWER A3/COMPLIANCE WITH FRA INSTRUCTIONS; 9" MEETING
				DELAYED #2158 OFF THE J LINE, RONDOUT; 1" FRT TRN INT, CP/WC XING.
	Fri, Nov 28		RF	10" MEETING DELAYED #2158 OFF THE J LINE, RONDOUT.
	Mon, Nov 03	59	E	50" AIR PROBS, FOX LAKE-PRAIRIE XING; 9" NO REASON GIVEN.
58% OT	Tue, Nov 04	15	D	15" FRT TRN INT/FLAGGING CP/WC XING.
	Wed, Nov 05	10	I1	5" MEETING DELAYED #2143, FOX LAKE; 4" ENTRAINING, LIBERTYVILLEAND
		0	NG	DEERFIELD; 1" NO REASON GIVEN.
	Thu, Nov 06	0	XG	ANNULLED ACCT SIGNAL PROBLEMS.
	Fri, Nov 14	11	I1 F	11" MEETING DELAYED #2143, FOX LK.
	Wed, Nov 19	111	F	1' 49" LOCO PROBS, PRAIRIE XING.
	Tue, Nov 25		G1	12" LATE TURN OF DELAYED #2141.
NDI 2159	Fri, Nov 28	13 31	RF	11" MEETING DELAYED #2143, FOX LAKE; 3" ENTRAINING, LIBERTY- VILLE.
MN 2158 74% OT	Tue, Nov 04 Mon, Nov 10		G I1	30" SIG PROBS, CP/WC XING. 6" MEETING DELAYED #2149, GRAYSLAKE; 5" FRT TRN INT, CP/WC XING
/4% 01	Fri, Nov 14		II I1	8" MEETING DELAYED #2149, GRSLK; 2" X-TRAFFIC, MAYFAIR.
	Wed, Nov 19	25	F1	30" DELAYED #2156 AHEAD TO RONDOUT.
	Fri, Nov 28		RF	8" MEETING DELAYED #2149, GRAYSLAKE.
MW 2233	Thu, Nov 06		D	8" RED SIGNAL, ITASCA EAST.
79% OT	Wed, Nov 19		A	15" RED SIGNAL WAIT ON NC 111 AND NC 113, B-12.
12/10/01	Fri, Nov 21	8	I	8" FOLLOWING #2231 ENROUTE
	Tue, Nov 25		G	18" FALSE CLEAR, TOWER A3/COMPLIANCE WITH FRA INSTRUCTIONS.
MW 2235		12	I	12" MAKE FLAGG STOPS FOR 2233 AND 2235.
84% OT	Tue, Nov 25		G	11" FALSE CLEAR, TOWER A3/COMPLIANCE WITH FRA INSTRUCTIONS; 1" NO REASON
				GIVEN.
	Wed, Nov 26	7	F	7" PA NOT WORKING, CARS #8218-7217, RUNNING AS 2233 & 2235
MW 2242	Mon, Nov 03	16	CC	17" MEETING #2221, SPAULDING (SINGLE TRACKING-FORM B, MP 31.7- 32.0).
84% OT	Tue, Nov 04	9	IB	9" 7 BIKES, ELGIN TO WESTERN AVE; SLOW DETRAINING; 1 ADA, BEN VILLE TO CUS.
	Wed, Nov 05	10	S	10" METRA TESTING FUSEE, NORTHWEST BRIDGE; 5 BIKES, ELGIN TO WESTERN AVE.
L				
NCS 0118	Wed, Nov 05	41	K1	40" WAITING FOR LINE-UP AROUND #117 (WHICH STRUCK AUTO), ELMWOOD PK; 1" NO
				REASON GIVEN.
84% OT	Thu, Nov 06	8	G	4" STOP, O'HARE; 4" SIG PROBS, DEVAL.
	Thu, Nov 20		Е	40" ENGINE STALLED/WATER LEAK FROM LOCOMOTIVE #211, WESTERN AVE
RI 0503	Fri, Nov 07	9	D	4" MEETING #612, GRSHM; 6" CSX J746 X-TRAFFIC, CP 66 CT.
84% OT	Tue, Nov 11	0	XE	ANNULLED BLUE ISLAND (AIR/BRAKE PROBS). PSGRS FORWARDED ON #505
	Wed, Nov 19	18	D	6" #612 CLEARING AHEAD, GRESHAM JCT; 10" CSX #J745 AHEAD, CP 66TH CT; 4" PLANT-
DI OSOS	T N 11	10	F 1	IN-TIME, JUD.
RI 0505	Tue, Nov 11	12	E1	10" ANNULLED #503 AHEAD, BLUE ISLAND. P/U PSGRS OFF ANNULLED #503.
84% OT	Thu, Nov 13	6	U	4" MEETING #506/ADA, BI; 2" ADA, MOKENA; 2" CONTACTING FORM B-8
	Mon, Nov 24	6	C1	1" NO REASON GIVEN EAST OF ENGLEWOOD; 6" RULE 6.30 W/DELAYED #506, BLUE
RI 0506	Mon, Nov 03	7	т	ISLAND. 3" ENTRAINING ENROUTE; 1" RED SIG, PERSHING; 3" NO REASON GIVEN
RI 0506 79% OT	Fri, Nov 03	7	I D	3" FOLLOW IAIS FRT TRAIN NL TO 66CT 2" UD X TRAFFIC 2" GRESHAM
79%01	Mon, Nov 24	15	CC	2" ADA, 95TH; 6" MEETING #507, GRESHAM JCT (TRK & TIME), 2" ADAAT NEW LENOX;
	wion, nov 24	13	u	2 ADA, 951H; 6 MEETING #507, GRESHAM JCT (TRK & TIME), 2 ADAAT NEW LENOX; 2" X/O, MOKENA & 66TH CT AROUND CSX J 746
	Wed, Nov 26	8	R	2 A/O, MORENA & 601H CT AROUND CSA J 746 8" NO REASON GIVEN.
	weu, nov 20	0	N	o no kladon diven.

			Minutes	Delay	
Line	Train	Date	Late	•	Delay Explanation
RI	0511	Tue, Nov 18	6	U	2" MAINLINE CREW CHANGE, JOLIET COACHYARD; 4" ADA OAK FOREST LIFT SLOW TO
		,			DEPLOY
7	4% OT	Wed, Nov 19	6	U	2" TRK CIRCUIT, ROBBINS; 3" HEP PROBS, TINLEY/80. 2"ADA
-		Mon, Nov 24		Ū	4" ADA ON, OAK FOREST; 2" ENTRAINING, MIDLOTHIAN; 1" NO REASON GIVEN.
		Tue, Nov 25		CC	4" MEETING #510, 46TH ST (SINGLE TRACKING-MOW); 3" MAINLINE CREW CHANGE,
		,			JOLIET COACHYARD; 2" NO REASON GIVEN.
		Wed, Nov 26	9	Ι	3" DOOR ISSUES, 103RD; 9" HEAVY PSGRS/OPERATING WITH A NINE- CAR CONSIST.
RI	0513	Thu, Nov 06	6	CC	3" MEETING #512/D101-1, CP46TH.
7	9% OT	Thu, Nov 13	8	CC	5" D101-1, CP46TH; 3" NO REASON GIVEN.
		Tue, Nov 25	9	D	6" BNSF #4677 CLEARING JUD; 3" NO REASON GIVEN.
		Wed, Nov 26	10	U	6" HEAVY PSGRS/OPERATING WITH AN EIGHT-CAR CONSIST; 4" ADAS ENROUTE.
SWS	0811	Mon, Nov 03	12	CG	8" MEETING DELAYED #822, CP 518 AND S/O, BELT JCT; 4" NO REASONGIVEN.
7	9% OT	Wed, Nov 05	6	D	8" FRT TRN INT, BELT JCT; 4" RESTRICTING, CP RIDGE.
		Thu, Nov 06	10	AM	3" AMTRAK 58 AHEAD, CUS; 8" AMTRAK USING HEAD ROOM, AIRLINE.
		Tue, Nov 18	11	Κ	13" SOUTH BRANCH BRIDGE OPEN.
SWS	0818	Thu, Nov 06	6	G1	8" MEETING DELAYED #807, ASHBURN; 3" WAIT FOR LINE B#5 AND LINE A#1, BELT JCT.
6	8% OT	Thu, Nov 13	6	AM	7" AMTRAK49 AHEAD, 21ST.
0	070 01	Mon, Nov 17	38	E	34" HEP PROBS, ORLAND/179; 4" NO REASON GIVEN.
		Tue, Nov 17		D	5" FRT TRN INT, BELT JCT; 2" R.W. IN INTERLOCKING, CP 518.
		Wed, Nov 19			10" SOUTH BRANCH BRIDGE WOULD NOT LOCK DOWN.
		Wed, Nov 19 Wed, Nov 26		D	11" #Q119 CLEARING CP RIDGE.
SWS	0822	Tue, Nov 11	8	D	5" FRT TRN INT, FOREST HILL; 3" AMTRAK #851 AHEAD.
11	4% OT	Thu, Nov 13		D	13" X-TRAFFIC Q592, BELT JCT.
	4/0 01	Mon, Nov 17	8	G	9" SW PROBS, 21ST ST.
		Tue, Nov 18		D	3" NS #26N CLEARING CP 518, 5" RAN RESTRICTED SPEED BEHIND AMTRAK #851 FROM
		140,110110	0	2	CP 518.
		Fri, Nov 21	13	R1	8" WAITING ON #811, CP 518; 5" RESTRICTED SPEED BEHIND AMTRAK #371, 23RDCUS
SWS	0826	Mon, Nov 03	9	D	4" WAITING FOR LINE-UP, ORLAND/179; 3" CN #393 CLEARING ASHBURNAND S/O, BELT
					JCT.
7	9% OT	Fri, Nov 07	7	D	5" X-TRAFFIC, CP RIDGE; 3" S/O, BRC.
		Thu, Nov 20	7	RF	4" AWAITING SIGNAL FROM DISPATCHER/ NO X-TRAFFIC, CP 518; 4" AWAITING
					AMTRAK 302, CUS
LIDY	0252	Mon, Nov 24		N	41" HELD ASHBURN ACCT POWER LINES DOWN AROUND LANDERS YARD.
UPN		Wed, Nov 05		I	7" SLOW ENTRAINING/DETRAINING ENROUTE.
6	8% OT	Thu, Nov 06		G	37" CAD FAILURE SYSTEM WIDE, WAUKEGAN.
		Fri, Nov 07		I	7" SLOW ENTRAINING, CLYBOURN, RAVENSWOOD, RP.
		Thu, Nov 13	7	KD	7" CREW HAD TO SECURE AIR HOSE, HIGHLAND PK; SLOW ENTRAINING/ DETRAINING, WALK, DVNSWD
		Mon, Nov 17	6	Ι	WAUKRVNSWD. 6" SLOW ENTRAINING/DETRAINING ENROUTE.
		Wed, Nov 26		I	10" HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE.
UPN	0350	Mon, Nov 03	6	1 I1	10 HEAVY/SLOW ENTRAINING/DETRAINING ENROUTE. 5" LATE TURN OF DELAYED #342; 1" HEAVY ENTRAINING/DETRAINING ENROUTE.
	9% OT	Thu, Nov 05		G1	37" LATE TURN OF DELATED #342, 1" HEAVT ENTRAINING/DETRAINING ENROUTE. 37" LATE TURN OFF #352/CAD FAILURE SYSTEM WIDE; SLOW ENTRAININGAND
	70 UI	1 Hu, 1NOV UO	20	UI	57 LATE TURN OFF #552/CAD FAILURE SYSTEM WIDE; SLOW ENTRAININGAND DETRAINING ENROUTE.
		Thu, Nov 13	10	K1	7" LATE TURN OFF #352, OTC; SLOW DETRAINING, CLYBOURNHIGHLANDPK, GRT LKS
		11u, 110v 15	10	IX I	- LATE TORY OFF #552, OTC, SLOW DETRAINING, CETDOORIG-THOHLANDI K, OKT EKS
		Wed, Nov 26	10	I1	10" LATE TURN OF DELAYED #352.

			Minutes	Delay	
Line Tr	ain l	Date	Late	Code	Delay Explanation
UPN 0	361	Mon, Nov 03	6	Ι	6" HEAVY ENTRAINING/DETRAINING ENROUTE.
37% O	Т	Wed, Nov 05	10	Ι	10" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Thu, Nov 06	10	Ι	10" HEAVY ENTRAINING/DETRAINING, RVNSWDLK FOREST.
		Fri, Nov 07	9	IW	4' SLOW ENTRAINING ACCT WEATHER.
		Tue, Nov 11	7	Ι	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Thu, Nov 13	7	Ι	7" HEAVY ENTRAINING/DETRAINING, CLYBOURNLK FOREST.
		Fri, Nov 14	7	Ι	7" HEAVY ENTRAINING, CLYBOURN, RAVENSWOOD, RP.
		Tue, Nov 18	7	Ι	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Wed, Nov 19	8	Ι	8" HEAVY ENTRAINING/DETRAINING ENROUTE.
		Thu, Nov 20	7	Ι	7" HEAVY ENTRAINING/DETRAINING, CLYBOURNLAKE FOREST
		Mon, Nov 24	8	Ι	8" HEAVY ENTRAINING/DETRAINING AND SLIPPERY RAIL ENROUTE.
		Tue, Nov 25	7	Ι	7" HEAVY ENTRAINING/DETRAINING ENROUTE.
UPN 0	362	Wed, Nov 05	7	I1	10" LATE TURN OF DELAYED #361.
84% C	Т	Thu, Nov 06	9	I1	10" LATE TURN OFF #361, WAUK.
		Mon, Nov 24	11	I1	8" LATE TURN OF DELAYED #361; 3" SLIPPERY RAIL ENROUTE.
UPNW 0	612	Tue, Nov 11	11	KW	10" HEAVY ENTRAINING ENROUTE (ACCT ANNULLMENT OF #608) AND ADA,MT
					PROSPECT.
84% C	Т	Fri, Nov 14	14	Ι	13" ORIGINALLY #608/ASSUMED #612'S SCHED, BARRINGTON
		Mon, Nov 24	14	R1	13" DELAYED #608 AHEAD/SLOW ENTRAINING ENROUTE.
UPNW 0	625	Fri, Nov 07	14	KW	14" X-TRAFFIC/MWD2140, MAYFAIR; SLOW ORDER/SLIPPERY RAIL, MP11.86
84% C	Т	Thu, Nov 13	28	D	28" APRPR-13 AHEAD/STOPPED BY HOT BOX DETECTOR, RIDGEFIELD.
		Mon, Nov 17	11	G	11" SW #101 FAILED, SEEGER. FLAGGED PLANT AFTER #APRPR-17 W/B CLEARED.
UPNW 0	630	Mon, Nov 10	11	J	11" #634 AHEAD, BARRINGTON AND MEDICAL EMERGENCY, MT PROSPECT.
79% C		Fri, Nov 14	9	I1	9" DELAYED #628 AHEAD.
		Thu, Nov 20	44	D	44" DISABLED APRPR TRACK #2, CRYSTAL LAKE; RAN ON TRACK #1, HARVARD
					CRYSTAL LAKE
		Mon, Nov 24	0	RL	ANNULLED. NO ENGINEER.
UPNW 0	652	Thu, Nov 06	12	G1	10" LATE TURN OFF #621/CAD FAILURE SYSTEM WIDE, CRYSTAL LK.
84% O	ЭT	Fri, Nov 07	12	KW	13" LATE TURN OFF #621/SLIPPERY RAILS.
		Fri, Nov 28	20	Т	30" B/O LIFT, BARRINGTON.
UPNW 0	655	Thu, Nov 06	76	G	76" CAD FAILURE SYSTEM WIDE, OTC.
79% O	Т	Tue, Nov 11	34	K1	34" TRK BEING INSPECTED, MT PROSPECT RD (ACCT INCIDENT INVOLV- ING #653).
		Thu, Nov 13	17	KW	17" SLICK RAIL ENROUTE/BAD WEATHER.
		Mon, Nov 17	8	Ι	8" SLOW DETRAINING ENROUTE/OPERATING WITH A SEVEN-CAR CONSIST.
UPNW 0	658	Thu, Nov 06	17	G	17" CAD FAILURE SYSTEM WIDE, HARVARD.
84% O	ЭT	Fri, Nov 07	9	KW	10" LATE TURN OFF #625, HARVARD.
		Thu, Nov 13	30	D1	28" LATE TURN OFF DELAYED #625, HARVARD; ADA, DEE RD.
UPNW 0	663	Thu, Nov 06	22	G1	67" LATE TURN OFF #660/CAD FAILURE SYSTEM WIDE, OTC; SLOW DETRAINING
					ENROUTE.
84% O	ЭT	Fri, Nov 07	32	KW	32" SLIPPERY RAILS ENROUTE.
		Thu, Nov 13	10	KW	10" SLICK RAIL ENROUTE/BAD WEATHER.
UPNW 0	664	Thu, Nov 06	22	G1	22" LATE TURN OFF #663/CAD FAILURE SYSTEM WIDE, CRYSTAL LK.
84% O	Т	Fri, Nov 07	35	KW	32' LATE TURN OFF #663/SLIPPERY RAILS.
		Thu, Nov 13	10	KW	10" LATE TURN OFF #663/BAD WEATHER.
UPW 0	021	Mon, Nov 03	13	CC	13" PSGR TRN INT, TOWER A2 AND MOW, MP 26.0-29.5 & 31.5-33.0.
84% C	ЭT	Tue, Nov 18	12	CC	12" OPERATED MT2, PARK-TURNER AND WAITED FOR PERMISSION FROM DISP TO
					OPERATE ADA LIFT (NO LOCATION).
		Thu, Nov 20	26	С	26" RAN TRACK #2, PARKTURNER; BROKEN RAIL, PARK
UPW 00	029	Mon, Nov 10	8	D	8" #MPRDM-10 AHEAD, MELROSE PK-GENEVA.
84% O	ЭT	Wed, Nov 19	24	G	34" #EGIG3X-17 AHEAD, KEDZIE-VALE & FROM TURNER, OPERATED MT2, PARK-
					TURNER W/FALSE CLEAR, MP 24.2-25.2 & DISABLED #CPLNA-17 AHEAD, EJE XING.
		Wed, Nov 26	9	CC	19" #MPRDMP-26 AHEAD, PARK-TURNER, MOW GANG AHEAD, ELMHURST ANDMPW
					MP 20.4-21.0 & 31.5-33.0.
UPW 00	034	Tue, Nov 11	17	C1	10" LATE TURN OF DELAYED #19; 7" SLOW ENTRAINING ENROUTE.
84% O		Tue, Nov 18	20	G	20" #3 SW FAILED, KEDZIE.
		Thu, Nov 20	36	C1	48" LATE ARRIVAL OF #17, ELMHURST

			Minutes	Delay	
Line Tr	rain 1	Date	Late	Code	Delay Explanation
UPW 0	0042	Mon, Nov 03	10	CC	20" MOW, MP 3331.5 & 29.5-26.0, GANG AHEAD, WEST CHICAGO, OPERATED MT2,
					TURNER-PARK & COAL TRN CLEARING ELMHURST (BEFORE ENTRAINING).
79% C	ЭТ	Mon, Nov 10	8	D	18" #LPF-02 CLEARING WEST CHICAGO.
		Thu, Nov 20	11	C1	26" LATE ARRIVAL OF #21, ELBURN
		Wed, Nov 26	10	CC	20" MOW, MP 33.0-31.5 & 21.0-20.4, OPERATED MT2, TURNER-PARK & MOW GANG
					AHEAD, ELMHURST.
UPW 0	0055	Thu, Nov 06	40	G	40" C.A.D. FAILURE SYSTEM WIDE, OTC.
84% C	ЭT	Mon, Nov 17	8	D	8" DELAYED #53 AHEAD AND #IG2G3R-16 AHEAD, KRESS.
		Tue, Nov 25	13	G	13" FLAGGED TOWER A2 (FALSE CLEAR, TOWER A3/COMPLIANCE WITH
					FRAINSTRUCTIONS).
		Wed, Nov 12	10	D	10" #CCAPP-10 AHEAD, WEST CHICAGO.
79% C	ЭT	Tue, Nov 18	29	C1	29" LATE TURN OF DELAYED #37; 10" #IG3G2-18 AHEAD (HAND-LINING SWITCHES),
					PARK.
		Wed, Nov 19	11	C1	14" LATE TURN OF DELAYED #37; 7" NO REASON GIVEN.
		Thu, Nov 20	27	D	37" HELD FOR CREW CHANGE ON MKCPR, EJ&E
	0057	Thu, Nov 06	47	G	47" C.A.D. FAILURE SYSTEM WIDE, OTC.
84% C	ЭT	Tue, Nov 25	12	G	12" FLAGGED TOWER A2 (FALSE CLEAR, TOWER A3/COMPLIANCE WITH
					FRAINSTRUCTIONS) AND DELAYED #55 AHEAD.
		Fri, Nov 28	31	G	31" SW #45 FAILED, TOWER A2. FLAGGED PLANT AND FOLLOWED DELAYED#53.
	0060	Thu, Nov 06	47	G1	37" LATE TURN OFF #59/C.A.D. FAILURE SYSTEM WIDE, ELMHURST.
84% (ЭT	Tue, Nov 25	19	G	5" LATE TURN OF DELAYED #59; 14" FLAGGED TOWER A2 (FALSE CLEAR, TOWER
					A3/COMPLIANCE WITH FRA INSTRUCTIONS).
		Fri, Nov 28	24	G1	25" LATE TURN OF DELAYED #59.
	0062	Thu, Nov 06	40	G1	34" LATE TURN OFF #47/C.A.D. FAILURE SYSTEM WIDE, ELBURN.
74% (Fri, Nov 07	11	D	11" QNPPR, PARK.
		Mon, Nov 17	9	D	9" #IB2G3R-17 CLEARING PECK.
		Tue, Nov 25	12	G	12" OPERATED MT2, KEDZIE-HALSTED (FLAGGED TOWER A2 (FALSE CLEARAT TOWER
			0	C 1	A3/COMPLIANCE WITH FRA INSTRUCTIONS)).
	064	Fri, Nov 28	9	G1	9" ORIGINATED WEST CHICAGO AS TURN OF DELAYED #47.
)064 OT	Thu, Nov 06	24	G1	47" LATE TURN OFF #57/C.A.D. FAILURE SYSTEM WIDE, ELBURN.
79% C	JT	Wed, Nov 12	14	D	14" #QNPPR-12 CLEARING PARK.
		Tue, Nov 25	29	G	12" LATE TURN #47; 17" #MDMPR-25 AHEAD, W CHI & RAN MT2, KEDZIE-HALSTED
			15	C 1	(FLAGGED A2 (FALSE CLEAR, A3/COMPLIANCE WITH FRA INSTRUCTIONS)).
		Fri, Nov 28	15	G1	20" LATE TURN OF DELAYED #57.

Data is final (12/15/08) version from TOPS.

P:\ONTIME\report\[WeekdayTrainsBelow85%_table.xls]Print Copy 12/15/2008

TABLE 4: DELAY CODES AND DEFINITIONS

Code	Definition	Code	Definition
А	Passenger Train Interference	М	Right of Way Accident/Misc.
AA	Rule 9.9 Delayed in Block/Rule 6.30	MW	Right of Way Accident/Misc., Weather
AD	Non-Revenue Passenger Train Interference	M1	Right of Way Accident/Misc., Train Ahead
AM	Amtrak Caused Delay	N	ComEd Failure
AS	NICTD Train Interference	NW	ComEd Failure, Weather
AW	Pass. Train Interference, Weather	N1	ComEd Failure, Train Ahead
A1	Pass. Train Interference, Train Ahead	0	AC/DC System Failure
В	Human Error, Eng. Dept.	OW	AC/DC System Failure, Weather
BA	Amtrak Engineering Human Error	01	AC/DC System Failure, Train Ahead
BW	Human Error, Eng. Dept. Weather	P	Late Equipment From Coach Yard
B1	Human Error, Eng. Dept. Train Ahead	PW	Late Equipment From Coach Yard, Weather
C	M of W Work	P1	Late Equipment From Coach Yard, Train Ahead
CA	Amtrak Engineering	Q	Late Issuance of Track Warrant
CC	Scheduled Track Work	Q1	Late Issuance of Track Warrant, Train Ahead
CF	M of W Caused Mechanical Malfunction	R	Human Error, Transportation
CG	Scheduled Signal Work	RA	Human Error, Amtrak Transportation
СН	Contractor Failure	RD	Human Error, Metra Dispatcher
CO	Scheduled Wire Work	RF	Freight Dispatcher/Opr/Non-Freight Train Error
CW	M of W Work, Weather	RL	Human Error, Job Action/Employee No Show
C1	M of W Work, Train Ahead	RO	Human Error, Metra Operator
D	Freight Train Interference	RS	Human Error, NICTD Transportation
	6		1
DD DW	Freight Dispatcher/Opr/Freight Train Error	RW R1	Human Error, Transportation, Weather
	Freight Train Interference, Weather		Human Error, Transportation, Train Ahead
D1 E	Freight Train Interference, Train Ahead	S S1	Operational (Efficiency) Testing
	Locomotive Malfunction	51 T	Operational (Efficiency) Testing, Train Ahead
EA	Amtrak Locomotive Malfunction		Property Vandalism
EW	Locomotive Malfunction, Weather	TG	Vandalism of Gates
E1	Locomotive Malfunction, Train Ahead	T1	Property Vandalism, Train Ahead
F	Cab Car/Trailer/MU Malfunction	U	Accessibility Related (ADA)
FA	Amtrak Car Malfunction	UF	ADA Lift Failure
FW	Cab Car/TRL/MU Malfunction, Weather	UW	Accessibility, Weather
F1	Cab Car/TRL/MU Malfunction, Train Ahead	U1	Accessibility, Train Ahead
G	Signal/Switch Malfunction	V	Mechanical Problem Reported, Nothing Found
GA	Signal/Switch Failure Amtrak	V1	Mech. Prob., Nothing Found, Train Ahead
GW	Signal/Switch Malfunction Weather	W	Gas Leak
GX	Broken Gate Crossing	WW	Gas Leak, Weather
G1	Signal/Switch Malfunction, Train Ahead	W1	Gas Leak, Train Ahead
H	Human Error, Mechanical Department	XA	Train Annulled - Amtrak
HS	Human Error, NICTD Mechanical Dept.	XB	Train Annulled - Engineering Dept.
HW	Human Error, Mech. Dept., Weather	XD	Train Annulled - Freight Interference
H1	Human Error, Mech. Dept., Train Ahead	XE	Train Annulled - Engine Failure
I	Passenger Handling, Running Time	XF	Train Annulled - B/O Car
IB	Passenger Handling, Bicycle	XG	Train Annulled - Signal Dept.
IW	Passenger Handling, Weather	XH	Train Annulled - Mechanical Dept.
I1	Passenger Handling, Train Ahead	XJ	Train Annulled - Passenger Problem/Removal
J	Passenger Problems/Removal	XK	Train Annulled - Obstruction
JA	Amtrak Passenger Problems/Removal	XL	Train Annulled - Unauthorized People On Trk
J1	Passenger Problems/Removal Train Ahead	XM	Train Annulled - Right of Way Accident/Misc.
К	Obstruction On Tracks	XN	Train Annulled - ComEd Problem
KD	Obstruction On Tracks, Debris	XO	Train Annulled - AC/DC Failure
KP	Suspicious Package(s)/Person(s)/Activity	XQ	Train Annulled - No Track Warrant
KW	Obstruction On Tracks, Weather	XR	Train Annulled - Transportation Dept.
K1	Obstruction On Tracks, Train Ahead	XT	Train Annulled - Vandalism
L	Unauthorized People On Tracks/Near Miss	XV	Train Annulled - Mech. Problem, Nothing Found
L1	Unauthorized People On Tracks, Train Ahead	XW	Train Annulled - Gas Leak

11/07/07 version

 $P: \label{eq:loss_lim} P: \label{eq:loss_lim} ONTIME \label{eq:limbulk} DownloadFrom TOPS \label{eq:limbulk} ImportInstructions \label{eq:limbulk} \& Codes \label{eq:limbulk} 08/15/2008 \label{eq:limbulk}$

CATE	GORY	CATE	GORY
	Definition		Definition
1	PASSENGER TRAIN INTERFERENCE	13	HUMAN ERROR
A1	Pass. Train Interference, Train Ahead	B1	Human Error, Eng. Dept. Train Ahead
А	Passenger Train Interference	В	Human Error, Eng. Dept.
AA	Rule 9.9 Delayed in Block/Rule 6.30	BA	Amtrak Engineering Human Error
AD	Non-Revenue Passenger Train Interference	H1	Human Error, Mech. Dept., Train Ahead
AM	Amtrak Caused Delay	Н	Human Error, Mechanical Department
AS	NICTD Train Interference	HS	Human Error, NICTD Mechanical Dept.
P1	Late Equipment From Coach Yard, Train Ahead	R1	Human Error, Transportation, Train Ahead
Р	Late Equipment From Coach Yard	R	Human Error, Transportation
XA	Train Annulled - Amtrak	RA	Human Error, Amtrak Transportation
2&3	FREIGHT INTERFERENCE	RD	Human Error, Metra Dispatcher
D1	Freight Train Interference, Train Ahead	RF	Freight Dispatcher/Opr/Non-Freight Train Error
D	Freight Train Interference	RL	Human Error, Job Action/Employee No Show
DD	Freight Dispatcher/Opr/Freight Train Error	RO	Human Error, Metra Operator
XD	Train Annulled - Freight Interference	RS	Human Error, NICTD Transportation
4	ACCIDENT	XB	Train Annulled - Engineering Dept.
M1	Right of Way Accident/Misc., Train Ahead	XH	Train Annulled - Mechanical Dept.
М	Right of Way Accident/Misc.	XR	Train Annulled - Transportation Dept.
XM	Train Annulled - Right of Way Accident/Misc.	14	SICK, INJURED, UNRULY PASSENGER
5	PASSENGER LOADING	J1	Passenger Problems/Removal Train Ahead
I1	Passenger Handling, Train Ahead	J	Passenger Problems/Removal
Ι	Passenger Handling, Running Time	JA	Amtrak Passenger Problems/Removal
IB	Passenger Handling, Bicycle	XJ	Train Annulled - Passenger Problem/Removal
6	LIFT DEPLOYMENT	15	WEATHER
U1	Accessibility, Train Ahead	AW	Pass. Train Interference, Weather
U	Accessibility Related (ADA)	BW	Human Error, Eng. Dept. Weather
UF	ADA Lift Failure	CW	M of W Work, Weather
7	OBSTRUCTION/DEBRIS	DW	Freight Train Interference, Weather
K1	Obstruction On Tracks, Train Ahead	EW	Locomotive Malfunction, Weather
K	Obstruction On Tracks	FW	Cab Car/TRL/MU Malfunction, Weather
KD	Obstruction On Tracks, Debris	GW	Signal/Switch Malfunction Weather
KP	Suspicious Package(s)/Person(s)/Activity	HW	Human Error, Mech. Dept., Weather
XK	Train Annulled - Obstruction	IW	Passenger Handling, Weather
8	SIGNAL/SWITCH FAILURE	KW	Obstruction On Tracks, Weather
G1	Signal/Switch Malfunction, Train Ahead	MW	Right of Way Accident/Misc., Weather
G	Signal/Switch Malfunction	NW	ComEd Failure, Weather
GA	Signal/Switch Failure Amtrak	OW	AC/DC System Failure, Weather
GX	Broken Gate Crossing	PW	Late Equipment From Coach Yard, Weather
XG 9	Train Annulled - Signal Dept.	RW UW	Human Error, Transportation, Weather
-	TRACK WORK	-	Accessibility, Weather
C1 C	M of W Work, Train Ahead M of W Work	WW 16	Gas Leak, Weather OTHER
CA	Amtrak Engineering	10 L1	Unauthorized People On Tracks, Train Ahead
CC	Scheduled Track Work	L	Unauthorized People On Tracks, Train Aread
CF	M of W Caused Mechanical Malfunction	N1	ComEd Failure, Train Ahead
CG	Scheduled Signal Work	N	ComEd Failure
СН	Contractor Failure	Q1	Late Issuance of Track Warrant, Train Ahead
10	CATENARY FAILURE	Q	Late Issuance of Track Warrant
CO	Scheduled Wire Work	S1	Operational (Efficiency) Testing, Train Ahead
01	AC/DC System Failure, Train Ahead	S	Operational (Efficiency) Testing
0	AC/DC System Failure	T1	Property Vandalism, Train Ahead
xo	Train Annulled - AC/DC Failure	Т	Property Vandalism
11	NON-LOCOMOTIVE EQUIPMENT FAILURE	TG	Vandalism of Gates
F1	Cab Car/TRL/MU Malfunction, Train Ahead	V1	Mech. Prob., Nothing Found, Train Ahead
F	Cab Car/Trailer/MU Malfunction	V	Mechanical Problem Reported, Nothing Found
FA	Amtrak Car Malfunction	W1	Gas Leak, Train Ahead
XF	Train Annulled - B/O Car	W	Gas Leak
12	LOCOMOTIVE FAILURE	XL	Train Annulled - Unauthorized People On Trk
E1	Locomotive Malfunction, Train Ahead	XN	Train Annulled - ComEd Problem
E	Locomotive Malfunction	XQ	Train Annulled - No Track Warrant
EA	Amtrak Locomotive Malfunction	XT	Train Annulled - Vandalism
XE	Train Annulled - Engine Failure	XV	Train Annulled - Mech. Problem, Nothing Found
	0	XW	Train Annulled - Gas Leak
L	7 version	1	

TABLE 5: DELAY CODES SORTED BY CAUSE CATEGORY

11/07/07 version

 $P: \verb|ONTIME\DownloadFromTOPS\[\#Delay_ImportInstructions_\&_Codes_07.xls] instructions_\&_codes \\ 08/15/2008$

WEEKDAY	3	4	5	6	7	10	11	12	13	14	17	18	19	20	21	24	25	26	28				TOTAL
	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Th	Fr	Mo	Tu	We	Fr				
BNSF	5	3	1	2	2	22	8	4	7	2	2	22	0	1	7	2	13	4	2				109
Elec -ML	0	8	0	2	14	3	1	3	0	1	4	1	1	14	2	9	1	1	0				65
-BI	0	3	4	1	0	1	6	3	0	0	0	0	0	0	0	1	1	0	0				20
-SC	0	3	0	5	0	5	2	0	5	1	1	0	0	0	2	1	0	0	0				25
Heritage	1	1	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0				8
Milw -N	7	6	5	9	0	4	0	0	0	3	1	0	6	0	0	14	13	1	6				75
-W	1	3	7	2	0	1	1	0	1	1	3	1	1	0	1	1	11	2	0				37
NCS	1	0	7	3	0	0	1	0	0	0	1	0	0	4	0	0	0	0	0				17
RI	2	3	0	5	3	1	7	0	3	1	0	2	3	1	4	4	3	5	0				47
SWS	3	0	1	4	1	2	2	1	2	0	3	7	4	1	1	3	0	1	0				36
UP -N	2	0	8	17	6	0	3	0	3	1	2	1	1	2	0	3	3	3	0				55
-NW	1	0	2	24	5	3	6	0	10	3	2	0	0	6	0	5	0	0	1				68
-W	<u>3</u>	<u>0</u>	<u>0</u>	<u>13</u>	<u>1</u>	<u>3</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>2</u>	<u>2</u>	<u>5</u>	<u>14</u>	<u>19</u>	<u>1</u>	<u>0</u>	<u>5</u>	<u>3</u>	<u>10</u>				<u>85</u>
SYSTEM	26	30	35	87	34	45	41	13	31	17	21	39	30	48	18	43	50	20	19				647
SATURDAY	1	8	15	22	29	Т	'OT.	AL			SU	JND	AY/	HO	LID	AY	2	9	16	23	27	30	TOTAL
BNSF	1	1	0	4	0			6			BN	ISF					0	1	0	1	2	0	4
Elec -ML	0	1	0	2	1			4			Ele	ec	-ML				1	2	1	0	1	3	8
-BI	0	1	0	0	0			1					пт										-
	0												-BI				-	-	-	-	-	-	
-SC	8	0	0	1	0			9					-BI -SC				0	0	0	-	-0	-	2
	-	0	0 -	-	0 -			9 -			He		-SC				0	0	0	- 1 -	- 0 -	- 1 -	-
-SC Heritage	8 - 0	0 - 10	0 - 0	1 - 1	-			-				erita	-SC ge				-	-	- 0 - 1	- 1 - 1	- 0 - 0	-	-
-SC	-	-	-	-	0 - 2 1			9 - 13 3				erita; ilw	-SC ge				0 - 0 0	0 - 6 2	-	-	-	1 - 3 0	2 - 11 5
-SC Heritage Milw -N	- 0	- 10	- 0	-	- 2			- 13				erita; ilw	-SC ge -N				- 0	- 6	- 1	-	- 0	- 3	- 11 5 -
-SC Heritage Milw -N -W	- 0	- 10	- 0 1 -	-	- 2			- 13			Mi	erita; ilw CS	-SC ge -N				- 0 0	- 6	- 1 3 -	- 1 0 -	- 0 0	- 3	- 11
-SC Heritage Milw -N -W NCS	- 0 0	- 10 0 -	- 0 1 -	- 1 1	- 2 1 -			- 13 3 -			Mi NC	erita; ilw CS	-SC ge -N				- 0 0	- 6 2 -	- 1 3 -	- 1 0 -	- 0 0	- 3 0 -	- 11 5 - 0
-SC Heritage Milw -N -W NCS RI	- 0 0	- 10 0 -	- 0 1 -	- 1 1	- 2 1 - 1			- 13 3 - 4 -			Mi NC RI	erita; ilw CS VS	-SC ge -N				- 0 0	- 6 2 -	- 1 3 -	- 1 0 -	- 0 0	- 3 0 -	- 11 5 - 0
-SC Heritage Milw -N -W NCS RI SWS	- 0 - 0 -	- 10 0 - 1	- 0 1 - 0	- 1 1 - 2	- 2 1 -			- 13 3 - 4			Mi NC RI SV	erita ilw CS VS	-SC ge -N -W	,			- 0 0 - 1	- 2 - 0 -	- 1 3 - 1 -	- 1 0 - 1	- 0 - 0 -	- 3 0 - 1 -	- 111 5 - 0 4 -
-SC Heritage Milw -N -W NCS RI SWS UP -N	- 0 - 0 - 2	- 10 0 - 1 - 4	- 0 1 - 0 - 0	- 1 - 2 - 4	- 2 1 - 1 - 3			- 13 3 - 4 - 13			Mi NC RI SV	erita ilw CS VS	-SC ge -N -W				- 0 0 - 1 - 2	- 6 2 - 0 - 1	- 1 3 - 1 - 2	- 1 0 - 1 - 1	- 0 - 0 - 0	- 3 0 - 1 - 1	- 111 5 - 0 4 - 7

TABLE 6: NUMBER OF DELAYS BY DATENovember 2008

Data is final (12/15/08) version from TOPS.

				Ν	ovemb	oer 2008	8							
		I	Electric			Mil	w				Un	ion Pacif	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	2	6	1	1	1	0	2	0	0	2	0	1	0	16
Freight Interference - Peak	6	0	0	0	5	0	2	0	1	1	0	7	4	26
Freight Interference - Off-Peak	3	0	0	0	0	5	2	1	5	14	1	2	17	50
Freight Interference - Total	9	0	0	0	5	5	4	1	6	15	1	9	21	76
Accident	6	0	0	0	0	7	2	0	0	0	0	0	0	15
Passenger Loading	18	10	11	3	0	13	5	0	11	0	38	7	1	117
Lift Deployment	2	0	0	0	0	3	0	0	11	0	1	0	0	17
Obstruction/Debris	0	0	0	4	0	3	4	3	3	2	6	4	0	29
Signal/Switch Failure	7	17	2	5	0	25	10	9	3	8	17	27	39	169
Track Work	29	22	1	17	0	5	3	0	7	1	2	2	30	119
Catenary Failure	0	7	1	0	0	0	0	0	0	0	0	0	0	8
Non-Locomotive Equipment Failure	2	0	0	1	0	6	1	0	0	0	0	0	0	10
Locomotive Failure	19	1	0	0	2	22	3	3	4	1	0	0	0	55
Human Error	6	4	0	1	0	7	5	0	6	4	0	5	1	39
Sick, Injured, Unruly Passenger	10	8	0	2	0	1	4	1	0	0	3	4	0	33
Weather	6	1	4	2	0	0	0	0	3	0	7	18	0	41
Other	3	1	1	0	0	2	2	0	1	3	0	2	1	16
TOTAL TRAINS DELAYED	119	77	21	36	8	99	45	17	55	36	75	79	93	760

TABLES 7.a, 7.b & 7.c: FREQUENCY OF TRAIN DELAYS BY CAUSE AND LINE

November - Average Over Previous Five Years: 2003-2007

]	Electric			Mil	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Passenger Train Interference	4	2	1	1	0	9	4	3	4	1	1	1	1	32
Freight Interference - Peak	12	0	0	0	4	2	1	1	2	3	1	4	10	41
Freight Interference - Off-Peak	12	0	0	0	0	11	4	2	2	7	1	4	24	67
Freight Interference - Total	25	0	0	0	4	13	6	3	3	11	2	8	34	108
Accident	8	1	1	2	0	3	8	3	0	0	1	10	8	46
Passenger Loading	5	4	0	2	0	11	4	1	7	0	8	3	2	48
Lift Deployment	2	0	0	0	0	5	2	1	3	0	0	0	2	16
Obstruction/Debris	8	1	1	2	0	6	2	2	3	0	2	5	2	34
Signal/Switch Failure	15	12	0	1	1	25	8	6	10	6	1	8	9	102
Track Work	6	5	0	5	0	8	3	1	7	1	2	3	2	42
Catenary Failure	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Non-Locomotive Equipment Failure	2	3	1	2	0	1	0	0	0	0	1	0	0	9
Locomotive Failure	4	0	0	0	0	1	1	0	8	1	3	1	2	21
Human Error	11	4	1	0	0	6	6	2	8	0	4	4	4	51
Sick, Injured, Unruly Passenger	4	3	1	0	0	2	3	0	3	0	3	4	1	23
Weather	13	5	5	2	0	3	4	1	3	1	6	5	2	49
Other	9	1	0	1	0	9	2	1	6	0	4	3	2	38
TOTAL TRAINS DELAYED	113	41	14	18	6	103	52	23	66	20	37	55	72	620

November 2008 Divergence From November Average Over Previous Five Years

]	Electric			Mil	w				Un	ion Pacifi	ic	
CAUSE CATEGORY	BNSF	ML	BI	SC	HER	Ν	W	NCS	RI	SWS	N	NW	W	SYSTEM
Passenger Train Interference	-2	4	0	0	1	-9	-2	-3	-4	1	-1	0	-1	-16
Freight Interference - Peak	-6	0	0	0	1	-2	1	-1	-1	-2	-1	3	-6	-15
Freight Interference - Off-Peak	-9	0	0	0	0	-6	-2	-1	3	7	0	-2	-7	-17
Freight Interference - Total	-16	0	0	0	1	-8	-2	-2	3	4	-1	1	-13	-32
Accident	-2	-1	-1	-2	0	4	-6	-3	0	0	-1	-10	-8	-31
Passenger Loading	13	6	11	1	0	2	1	-1	4	0	30	4	-1	69
Lift Deployment	0	0	0	0	0	-2	-2	-1	8	0	1	0	-2	1
Obstruction/Debris	-8	-1	-1	2	0	-3	2	1	0	2	4	-1	-2	-5
Signal/Switch Failure	-8	5	2	4	-1	0	2	3	-7	2	16	19	30	67
Track Work	23	17	1	12	0	-3	0	-1	0	0	0	-1	28	77
Catenary Failure	0	7	0	0	0	0	0	0	0	0	0	0	0	7
Non-Locomotive Equipment Failure	0	-3	-1	-1	0	5	1	0	0	0	-1	0	0	1
Locomotive Failure	15	1	0	0	2	21	2	3	-4	0	-3	-1	-2	34
Human Error	-5	0	-1	1	0	1	-1	-2	-2	4	-4	1	-3	-12
Sick, Injured, Unruly Passenger	6	5	-1	2	0	-1	1	1	-3	0	0	0	-1	10
Weather	-7	-4	-1	0	0	-3	-4	-1	0	-1	1	13	-2	-8
Other	-6	0	1	-1	0	-7	0	-1	-5	3	-4	-1	-1	-22
TOTAL TRAINS DELAYED	6	36	7	18	2	-4	-7	-6	-11	16	38	24	21	140

Data for current month is final (12/15/08) version from TOPS.

 $P:\label{eq:ontime} P:\label{eq:ontime} P:\l$

TABLES 8.a & 8.b: FREQUENCY OF TRAIN DELAYS BY CAUSE & MONTH

2008

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan -	Nov
Passenger Train Interference	30	30	17	7	3	6	8	4	47	25	16		193	2.4%
Freight Interference - Peak	29	38	27	30	17	35	28	23	48	43	26		344	4.4%
Freight Interference - Off-Peak	71	81	78	51	46	39	47	59	87	91	50		700	8.9%
Freight Interference - Total	100	119	105	81	63	74	75	82	135	134	76		1,044	13.2%
Accident	81	33	36	34	57	44	11	16	39	2	15		368	4.7%
Passenger Loading	72	76	80	22	62	193	203	188	78	92	117		1,183	15.0%
Lift Deployment	24	14	18	20	15	15	16	26	16	12	17		193	2.4%
Obstruction/Debris	46	55	18	21	10	40	30	7	15	24	29		295	3.7%
Signal/Switch Failure	174	99	124	128	83	94	90	108	149	106	169		1,324	16.7%
Track Work	19	11	24	54	35	73	61	67	52	122	119		637	8.1%
Catenary Failure	16	2	5	0	2	0	0	1	9	2	8		45	0.6%
Non-Locomotive Equipment Failure	55	15	10	9	6	14	14	15	12	21	10		181	2.3%
Locomotive Failure	39	44	34	45	9	24	43	41	32	31	55		397	5.0%
Human Error	57	58	39	30	46	52	65	77	39	78	39		580	7.3%
Sick, Injured, Unruly Passenger	43	25	18	21	20	29	38	20	21	43	33		311	3.9%
Weather	173	277	32	10	10	23	29	131	25	11	41		762	9.6%
Other	25	43	22	39	19	33	15	22	54	107	16		395	5.0%
TOTAL TRAINS DELAYED	954	901	582	521	440	714	698	805	723	810	760		7,908	100%

Data for current month is final (12/15/08) version from TOPS.

2007

CAUSE CATEGORY	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan -	Nov
Passenger Train Interference	15	33	23	9	27	20	17	24	12	12	19	26	211	2.7%
Freight Interference - Peak	22	41	35	28	18	44	14	27	33	22	39	23	323	4.1%
Freight Interference - Off-Peak	51	92	91	81	77	64	52	72	54	55	61	66	750	9.6%
Freight Interference - Total	73	133	126	109	95	108	66	99	87	77	100	89	1,073	13.7%
Accident	29	28	8	2	3	40	13	56	37	32	54	63	302	3.8%
Passenger Loading	38	22	52	15	55	153	335	127	56	37	61	92	951	12.1%
Lift Deployment	9	26	9	8	11	16	14	9	7	11	10	19	130	1.7%
Obstruction/Debris	25	49	25	33	33	22	21	55	20	34	15	34	332	4.2%
Signal/Switch Failure	64	267	60	67	85	68	63	95	116	59	79	122	1,023	13.0%
Track Work	31	24	22	56	50	97	114	126	134	86	43	47	783	10.0%
Catenary Failure	0	0	4	3	26	5	5	1	6	3	0	0	53	0.7%
Non-Locomotive Equipment Failure	11	31	17	11	10	5	12	14	6	10	16	5	143	1.8%
Locomotive Failure	26	26	39	14	45	43	13	36	34	29	24	62	329	4.2%
Human Error	54	98	107	54	82	55	45	83	70	79	55	67	782	10.0%
Sick, Injured, Unruly Passenger	23	23	17	32	19	28	32	34	33	26	22	48	289	3.7%
Weather	30	542	25	53	0	28	35	264	12	30	14	224	1,033	13.2%
Other	22	52	48	31	25	51	42	23	26	31	64	25	415	5.3%
TOTAL TRAINS DELAYED	450	1,354	582	497	566	739	827	1,046	656	556	576	923	7,849	100%

P:\ONTIME\report\[DelaysByCause16Cats.xls]AllMonths 12/15/2008

			Mil	W				Un	ion Pacif	ïc	
	BNSF	HER	Ν	W	NCS	RI	SWS	Ν	NW	W	SYSTEM
Dec-06	43	1	13	9	4	5	20	0	3	56	154
Jan-07	24	0	2	0	9	3	3	0	4	28	73
Feb-07	23	5	19	16	5	10	8	2	5	40	133
Mar-07	26	8	21	9	13	3	7	0	4	35	126
Apr-07	18	6	13	16	12	6	7	0	5	26	109
May-07	12	6	3	3	11	5	11	1	1	42	95
Jun-07	13	6	6	7	9	4	8	1	2	52	108
Jul-07	7	3	9	2	3	5	8	1	1	26	65
Aug-07	9	4	7	4	3	9	13	1	2	47	99
Sep-07	4	3	16	8	10	5	6	5	0	30	87
Oct-07	10	5	14	3	10	1	13	1	2	18	77
Nov-07	16	3	12	4	1	2	14	3	25	20	100
Total	205	50	135	81	90	58	118	15	54	420	1,226
Dec-07	2	3	14	5	8	9	12	1	1	34	89
Jan-08	24	4	11	2	3	11	10	3	11	21	100
Feb-08	17	9	4	8	9	7	8	8	12	36	118
Mar-08	10	14	8	3	2	2	16	3	6	41	105
Apr-08	4	5	8	15	6	4	18	0	2	19	81
May-08	10	5	10	2	2	6	11	3	0	14	63
Jun-08	8	4	9	7	17	8	10	0	4	7	74
Jul-08	12	4	10	5	4	9	6	2	3	20	75
Aug-08	15	6	10	3	3	5	12	2	1	25	82
Sep-08	35	4	8	2	7	9	17	3	8	42	135
Oct-08	28	7	7	5	1	10	26	8	0	42	134
Nov-08	9	5	5	4	1	6	15	1	9	21	76
Total	174	70	104	61	63	86	161	34	57	322	1,132

TABLE 9: FREIGHT DELAYS ON METRA DIESEL LINESbetween December 2006 and November 2008

Data for current month is final (12/15/08) version from TOPS.

P:\ONTIME\report\[DelaysByCause16Cats.xls]Freight- YTD, 2 yrs 12/15/2008

						20	08							
													Lift	% of All
													Delays	Delays
LINE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD	YTD
BNSF	1	1	3	0	0	1	0	0	0	2	2		10	0.79%
Electric ML	0	0	0	0	0	0	0	0	1	0	0		1	0.20%
Electric BI	0	0	0	0	0	0	0	0	0	0	0		0	0.00%
Electric SC	0	0	0	0	0	0	0	0	0	0	0		0	0.00%
HER	0	0	0	0	0	0	0	1	0	0	0		1	0.68%
Milw N	2	0	3	4	6	1	8	12	2	3	3		44	5.31%
Milw W	1	2	2	1	1	3	8	3	1	0	0		22	4.31%
NCS	2	1	0	2	1	0	0	1	2	0	0		9	3.77%
RI	9	4	5	0	5	6	0	4	3	2	11		49	6.91%
SWS	0	0	0	1	0	0	0	0	0	0	0		1	0.28%
UP N	3	2	2	0	0	1	0	1	3	1	1		14	1.13%
UP NW	3	3	2	9	0	3	0	2	2	3	0		27	3.48%
UP W	3	1	1	3	2	0	0	2	2	1	0		15	1.56%
Total Lift Delays	24	14	18	20	15	15	16	26	16	12	17		193	2.44%
ALL DELAYS														7,908

TABLES 10.a & 10.b: FREQUENCY OF LIFT-DEPLOYMENT TRAIN DELAYS BY LINE & MONTH2008

Data for current month is final (12/15/08) version from TOPS.

												Lift	% of All
												Delays	Delays
Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	All Year	All Year
1	1	1	2	2	0	0	1	2	0	0	2	12	1.07%
0	0	0	0	0	0	1	0	0	0	0	0	1	0.13%
0	0	0	0	0	0	0	0	0	1	0	0	1	0.52%
0	1	0	0	0	0	0	1	0	0	0	0	2	0.56%
0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
1	3	4	1	3	6	3	0	0	7	3	5	36	3.20%
1	2	0	3	0	0	3	1	0	0	1	2	13	1.79%
0	3	1	0	0	0	1	0	0	0	0	0	5	1.64%
4	3	1	1	2	8	4	3	2	0	2	5	35	3.13%
0	0	0	0	0	0	0	0	0	0	0	0	0	0.00%
1	9	0	1	1	0	0	1	1	0	0	0	14	1.58%
0	0	1	0	2	1	0	0	0	0	0	2	6	0.80%
1	4	1	0	1	1	2	2	2	3	4	3	24	2.36%
9	26	9	8	11	16	14	9	7	11	10	19	149	1.70%
													8,772
	$ \begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \\ 1 \\ 1 \\ 0 \\ 4 \\ 0 \\ 1 \\ 0 \\ 1 \\ 0 \\ 1 \end{array} $	$\begin{array}{c cccc} 1 & 1 \\ 0 & 0 \\ 0 & 0 \\ 0 & 1 \\ 0 & 0 \\ 1 & 3 \\ 1 & 2 \\ 0 & 3 \\ 4 & 3 \\ 0 & 0 \\ 1 & 9 \\ 0 & 0 \\ 1 & 4 \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	JanFebMarAprMayJunJulAugSepOctNovDelDelays1122001200ctNovDeAll Year1112200120021200000010001101100000010001111101000000000111110100000000011111010000000000111111000000000011111100000000001111110000000000141411100000000014141101100000001414110110000									

2007

 $P:\ONTIME\report\[DelaysByCause16Cats.xls]\LiftUseByLine\&Month$

12/15/2008

	November 2008 nutes BNSF Electric Her Milwaukee NCS RI SWS UP System													
Minutes	BNSF				Her			NCS	RI	SWS		-		System
		ML	BI	SC		Ν	W				Ν	NW	W	
Peak *														
6-10	30	34	3	2	3	10	9	3	6	0	9	10	3	122
11-15	13	13	1	0	1	11	7	1	3	3	0	9	6	68
16-20	9	2	0	1	2	1	1	1	1	0	1	2	6	27
21+	11	0	1	0	1	4	2	2	1	0	9	20	18	69
Annulled	<u>2</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	7
Sub-Total	65	49	5	3	8	27	19	7	12	3	19	43	33	293
Off-Peak *	*													
6-10	18	17	13	19	0	24	10	3	33	18	36	11	15	217
11-15	12	3	3	7	0	10	11	2	6	7	8	7	18	
16-20	7	5	0	4	0	5	2	0	2	4	4	6	7	46
21+	13	3	0	1	0	29	2	5	1	4	7	12	20	97
Annulled	4	<u>0</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>13</u>
Sub-Total	54	28	16	33	0	72	26	10	43	33	56	36	60	467
November 2	2008 Tota	al												
6-10	48	51	16	21	3	34	19	6	39	18	45	21	18	339
11-15	25	16	4	7	1	21	18	3	9	10	8	16	24	162
16-20	16	7	0	5	2	6	3	1	3	4	5	8	13	73
21+	24	3	1	1	1	33	4	7	2	4	16	32	38	166
Annulled	<u>6</u>	<u>0</u>	<u>0</u>	<u>2</u>	<u>1</u>	<u>5</u>	<u>1</u>	<u>0</u>	<u>2</u>	<u>0</u>	<u>1</u>	<u>2</u>	<u>0</u>	20
TOTAL	119	77	21	36	8	99	45	17	55	36	75	79	93	760
2008 Year-i	to-Date													
6-10	593	269	92	127	69	383	229	108	441	175	726	340	405	3,957
11-15	256	79	22	41	35	200	130	57	124	75	216	162	217	1,614
16-20	145	46	9	20	15	60	46	20	59	48	123	101	116	808
21+	225	91	22	33	23	156	84	51	68	61	144	157	194	1,309
Annulled	<u>52</u>	<u>6</u>	<u>1</u>	<u>9</u>	<u>5</u>	<u>30</u>	<u>22</u>	<u>3</u>	<u>17</u>	<u>3</u>	<u>29</u>	<u>16</u>	<u>27</u>	220
TOTAL	1,271	491	146	230	147	829	511	239	709	362	1,238	776	959	7,908
		DE	DCENT	COM	OSITI		DELAV	C DV D	ANGE	OF DI II		J		
		I LA	NCENT	COM	USIII	JNOFI	JELAI	SDIK	ANGL	or Du	AHOI	N		
Minutes	BNSF		Electric		Her	Milwa	aukee	NCS	RI	SWS		UP		System
		ML	BI	SC		Ν	W				Ν	NW	W	
November 2	2008 Tota													
6-10	40.3%	66.2%	76.2%	58.3%	37.5%	34.3%	42.2%	35.3%	70.9%	50.0%	60.0%	26.6%	19.4%	44.6%
11-15	21.0%	20.8%	19.0%	19.4%	12.5%	21.2%	40.0%	17.6%	16.4%	27.8%	10.7%	20.3%	25.8%	21.3%
16-20	13.4%	9.1%	0.0%	13.9%	25.0%	6.1%	6.7%	5.9%	5.5%	11.1%	6.7%	10.1%	14.0%	9.6%
21+	20.2%	3.9%	4.8%	2.8%	12.5%	33.3%	8.9%	41.2%	3.6%	11.1%	21.3%	40.5%	40.9%	21.8%
Annulled	<u>5.0%</u>	<u>0.0%</u>	<u>0.0%</u>	<u>5.6%</u>	<u>12.5%</u>	<u>5.1%</u>	<u>2.2%</u>	<u>0.0%</u>	<u>3.6%</u>	<u>0.0%</u>	<u>1.3%</u>	<u>2.5%</u>	<u>0.0%</u>	<u>2.6%</u>
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2008 Year-	to-Date													
6-10	46.7%	54.8%	63.0%	55.2%	46.9%	46.2%	44.8%	45.2%	62.2%	48.3%	58.6%	43.8%	42.2%	50.0%
11-15	20.1%	16.1%	15.1%	17.8%	23.8%	24.1%	25.4%	23.8%	17.5%	20.7%	17.4%	20.9%	22.6%	20.4%
16-20	11.4%	9.4%	6.2%	8.7%	10.2%	7.2%	9.0%	8.4%	8.3%	13.3%	9.9%	13.0%	12.1%	10.2%
21+	17.7%	18.5%	15.1%	14.3%	15.6%	18.8%	16.4%	21.3%	9.6%	16.9%	11.6%	20.2%	20.2%	16.6%
Annulled	4.1%	1.2%	0.7%	3.9%	3.4%	3.6%	4.3%	1.3%	2.4%	0.8%	2.3%	2.1%	2.8%	2.8%
TOTAL	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
*Includes pe														•

TABLE 11: FREQUENCY OF TRAIN DELAYS BY DURATION

November 2008

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday and weekend trains. Data for most recent month is final(12/15/08) version from TOPS.

P:\ONTIME\report\[DelaysByDuration.xls]FreqByDuration 12/15/2008

	BNSF]	Electric		Her	Milwa	ukee	NCS	RI	SWS	UP		System	
		ML	BI	SC		Ν	W				Ν	NW	W	
November 2	2008													
Peak *	13.6	9.2	12.0	11.3	17.0	15.8	12.1	20.7	10.5	13.0	29.4	30.0	26.9	18.0
Off-Peak **	19.4	12.2	8.1	11.0		27.9	12.4	23.8	9.2	12.7	13.1	20.6	18.4	16.7
All	16.2	10.3	9.0	11.1	17.0	24.6	12.3	22.5	9.5	12.7	17.3	25.6	21.4	17.2
2008 Year-1	to-Date													
Peak *	17.1	15.4	17.6	13.2	13.8	16.9	13.8	16.4	12.2	13.6	14.2	21.3	15.2	15.9
Off-Peak **	16.9	15.1	12.8	13.8		17.6	15.0	18.5	11.3	15.2	12.8	18.2	16.9	15.3
All	17.0	15.3	14.6	13.7	13.8	17.4	14.5	17.3	11.7	14.7	13.2	19.7	16.3	15.6

Excludes annulled trains, which do not have delay times.

*Includes peak direction trains operating during weekday peak periods. **Includes all other weekday and weekend trains. Data for most recent month is final(12/15/08) version from TOPS.