

## AUTHORIZED SURGEONS.

### Location of Stretchers (S)

Dr. A. McEwan.....	Chief Surgeon.
Dr. H. S. Proud.....	Associate Surgeons, N. P. B. A. Hospital, St. Paul (S)
Dr. C. J. Hedlund.....	
Dr. R. M. Ahrens.....	
Dr. J. E. Brown.....	
Dr. James Henry.....	
Dr. A. W. Ide, Jr.....	Minneapolis
Dr. D. M. Thysell.....	Minneapolis
Dr. T. S. McClanahan, WhiteBearLake (S)	
Dr. R. J. Spurse.....	Anoka
Dr. A. B. Roehke.....	Elk River
Dr. C. F. Brigham, Jr.....	St. Cloud
Dr. Charles S. Donaldson.....	St. Cloud
Dr. L. M. Evans.....	Sauk Rapids
Dr. Robert A. Stoy.....	Little Falls
Dr. Alfred H. Benson.....	Little Falls
Dr. O. C. Bolstad.....	Little Falls
Dr. G. L. Backer.....	Little Falls
Dr. J. K. Heid.....	Little Falls
Dr. W. J. Lund.....	Staples (S)
Dr. F. J. Parker.....	Staples
Dr. J. E. Nord.....	Staples
Dr. C. F. Reichelderfer.....	Staples
Dr. L. T. Davis.....	Wadena (S)
Dr. Luther F. Davis.....	Wadena
Dr. W. B. Halme.....	Wadena
Dr. Everett C. Hanson.....	New York Mills
Dr. J. J. Warner.....	Perham
Dr. H. C. Otto.....	Fraser
Dr. Erick Reeber.....	Fraser
Dr. C. W. Moberg.....	Detroit Lakes (S)
Dr. L. H. Rutledge.....	Detroit Lakes
Dr. J. B. Rutledge.....	Detroit Lakes
Dr. C. L. Bakken.....	Hawley
Dr. L. A. Bjerke.....	Hawley
Dr. Maurice Meller.....	Brainerd
Dr. John H. Agg.....	Brainerd
Dr. G. I. Badaux, Jr.....	Sauk Center
Dr. J. F. Du Bois, Jr.....	Sauk Center
Dr. J. C. Grant.....	Sauk Center
Dr. Gordon Lee.....	Glenwood
Dr. Robt. D. Letson.....	Glenwood
Dr. F. D. Bueher.....	Starbuck
Dr. Fred Behmler.....	Morris (S)
Dr. Charles W. Lewis.....	Henning
Dr. Jay L. Keyers.....	Henning
Dr. Norman H. Baker.....	Fergus Falls
Dr. C. W. Jacobson.....	Breckenridge
Dr. Clifford Staden.....	Twin Valley
Dr. L. N. Dale.....	Red Lake Falls
Dr. H. R. Thysell.....	Crookston (S)
Dr. O. K. Behr.....	Crookston
Dr. R. W. Vance.....	Grand Forks (S)
Dr. W. C. Dailey.....	Grand Forks
Dr. G. L. Countryman.....	Grafton
Dr. C. R. Tompkins.....	Grafton
Dr. M. W. Scheflo.....	Grafton

### SPECIALISTS.

Dr. Eugene L. Bauer, Ear, Nose & Throat.....	621 Lowry Bldg., St. Paul
Dr. L. T. Simons, Eye, Ear, Nose & Throat.....	1039 Lowry Bldg., St. Paul
Dr. L. G. Edwards, Eye, Ear, Nose & Throat.....	1039 Lowry Bldg., St. Paul
Dr. Robert H. Monahan, Oculist (Eye Specialist).....	1573 University Ave., St. Paul
Dr. E. J. Larson, Jr., Oculist.....	523 Southdale Medical Bldg., 66th and France Ave., Minneapolis
Dr. D. L. Johnson, Oculist.....	Brainerd
Dr. William O. McLane, Eye, Ear, Nose & Throat.....	Brainerd
Dr. J. E. Ruud, Oculist.....	Grand Forks
St. Paul, General Office Bldg. (S) *	
St. Paul, Third St. Car Foreman's Office (S)	
St. Paul, Fourth St. Yard Office (S) *	
St. Paul, Mississippi St. Round House (S)	
St. Paul, Mississippi St. Yard Office (S)	
St. Paul, Como Shops (S) *	
N. P. Frt. Yard, Yard Office (S)	
Northtown, Tool Car No. 4, Steam Derrick (S)	
Northtown, Round House (S) *	
Northtown, Yard Office (S) *	
Staples, Tool Car (S)	
Staples, Yard Office (S)	
East Grand Forks (S)	
Dilworth Car Shops (S)	
Dilworth Tool Car (S)	
Dilworth Round House (S)	

\*Litter—No equipment.

### NOTE

N. P. B. A. physicians and surgeons, when called upon, will attend to all cases of sickness and accident to employees, passengers and others. In case of illness, or of injury unrelated to railway operation to other than N. P. B. A. members, surgeon should endeavor to collect a reasonable fee for service from person attended. If unable to collect, Chief Surgeon should be notified.

Where injuries, to other than N. P. B. A. members, are directly related to railway operation, charge for service should be sent to the General Claim Agent of the railway company.

In case of emergency, proper aid should be procured until arrival of local surgeon, when case must be placed in his hands.

# NORTHERN PACIFIC RAILWAY COMPANY

## ST. PAUL DIVISION

# TIME TABLE 81A

To be used in conjunction with  
Special Instructions currently  
in effect.

In Effect at 12:01 A. M. Central  
Standard Time.

## Sunday, October 27, 1963

For the Government of Employees only. The Company reserves the right to vary therefrom at pleasure. Be positive that you have the Current Time Table and the latest Special Instructions and destroy all previous numbers. Read carefully the Special Instructions and always carry a copy for reference and a copy of OPERATING RULES.

J. O. DAVIES,  
Superintendent.

D. A. THOMSON,  
General Manager.

E. S. ULYATT,  
General Superintendent  
of Transportation.

Water, Fuel, Station, Turn Tables, Way and Yard Limits.	Car Capacity of Sidings	Station Numbers.	FIRST CLASS							Time Table No. 81A		Distance from St. Paul.	
				3	77	25	71	59	1	73	49		October 27, 1963
				N. P. Passenger	G. N. Passenger 7	N. P. Passenger	G. N. Passenger 11	G. N. Passenger 20	N. P. Passenger	G. N. Passenger 3	G. N. Passenger 34		STATIONS
				Daily Ex. Sat.	Daily	Daily	Daily	Daily	Daily	Daily	Daily		Telegraph Offices and Calls
BKRT WYZ		8142										NP..ST. PAUL (Union Depot)..DN	0.0

BETWEEN ST. PAUL AND MINNEAPOLIS ON GREAT NORTHERN TRACKS TRAINS AND ENGINES WILL BE GOVERNED BY GREAT NORTHERN TIME TABLE AND RULES. TIME SHOWN AT ST. PAUL FOR INFORMATION ONLY.

BKRZ	8181		s 10.50 11.15		s 7.45 7.55				s 9.05 9.15			MS.....MINNEAPOLIS.....DN 5.0 (Passenger Station)	10.6
------	------	--	------------------	--	----------------	--	--	--	----------------	--	--	--	------

BETWEEN FIRST STREET NORTH, MINNEAPOLIS, AND NORTH TOWN TRAINS AND ENGINES WILL BE GOVERNED BY JOINT TERMINAL TIME TABLE. TIME SHOWN AT MINNEAPOLIS FOR INFORMATION ONLY.

BKORT WXYZ	Yard	8128			L 11.26 PM	L 9.39 PM	L 8.06 PM	L 6.04 PM	L 5.09 PM	L 9.27 AM	L 8.49 AM	L 8.44 AM		
		8128												
R		8119			11.33	9.46	8.13	6.12	A 5.19 PM	9.36	8.56	A f 8.54 AM		
	W 96 E 119	8114			11.38	9.51	8.18	6.17		9.41	9.01			
	S 22	8106			11.44	9.57	8.24	6.23		9.47	9.07			
XR	W 82	8102			11.49	10.01	8.28	6.27		9.52	9.11			
	E 122	8 98			11.58 PM	10.09	8.36	6.35		10.01	9.19			
	W 133	8 86			12.05 AM	10.16	8.43	6.42		10.08	9.26			
	E 119	8 78			12.12	10.22	8.49	6.48		10.14	9.32			
					12.20	10.29		6.56		10.21	9.39			
WX	W 64	8 67			s 12.35	A 10.32 PM	8.58	A 7.00 PM		s 10.32	A 9.42 AM			
		8 65			12.38									
X	W 64 E 135	8 63			12.41		9.02			10.38				
	W 133	8 52			12.49		9.10			10.47				
		8 45			12.55		9.16			10.53				
		8 37			1.02		9.23			11.00				
BKRXY	206	8 34			s 1.10 1.20		9.26			s 11.07				
	119	8 20			1.26		9.31			11.13				
	111	8 24			1.32		9.36			11.19				
	119	8 19			1.37		9.40			11.24				
	113	8 13			1.42		9.45			11.29				
	S 16	8 8			1.48		9.50			11.35				
BKORT WXYZ	Yard	207			A s 1.56 AM		A s 9.58 PM			A s 11.43 AM				
					2.20	.53	1.52	0.56	.10	2.16	0.58	.10		
					53.8	67.5	67.2	64.2	43.3	55.4	67.5	43.2		

	NJ...NORTHTOWN..DN	18.6
	.....BELT LINE.....	19.3
	CN...COON CREEK..DN	22.8
	.....ANOKA.....PD	28.6
	.....DAYTON.....P	35.6
	ER...ELK RIVER...PD	40.4
	BG...BIG LAKE...PD	49.5
	.....BECKER.....P	57.4
	CK...CLEAR LAKE..PD	64.4
	.....REFORMATORY.....	78.1
	EA...ST. CLOUD...DN	78.7
	UK...SAUK RAPIDS...D	77.4
	BY...SARTELL...PD	80.1
	.....RICE.....P	90.0
	RO...ROYALTON...PD	96.6
	.....GREGORY.....P	104.6
	FA...LITTLE FALLS...DN	107.4
	.....DARLING.....P	111.8
	RD...RANDALL...PD	117.5
	.....CUSHING.....P	123.6
	.....LINCOLN.....P	128.6
	.....PHILBROOK...P	134.8
	80-SQ...STAPLES...DN	141.1
	Time Over Subdivision	
	Average Speed per Hour	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 1 will stop at Elk River on Mondays.  
 No. 1 will stop at Elk River Tuesdays thru Sundays to let off revenue passengers from Minneapolis and East and pick up revenue passengers to Detroit Lakes and West where scheduled to stop.

CROSSOVERS.

First Subdivision (Main Line)

Northtown, Coon Creek, Anoka, Elk River, Big Lake, Becker, Clear Lake, Reformatory, St. Cloud, Sauk Rapids, Sartell, Rice, Royalton, Staples.

Second Subdivision (Main Line)

Staples, Verndale, Wadena, N. Y. Mills, Perham, Frazee, Detroit Lakes, Richards Spur, Labelle, Manitoba Jct., Hawley, Witherow, Glyndon, Dilworth.

Distance from Staples.	<b>Time Table No. 81A</b>	<b>FIRST CLASS</b>							
	October 27, 1963	<b>26</b>	<b>78</b>	<b>50</b>	<b>72</b>	<b>74</b>	<b>2</b>	<b>60</b>	<b>4</b>
	<b>STATIONS</b>	N. P. Passenger	G. N. Passenger 8	G. N. Passenger 23	G. N. Passenger 28	G. N. Passenger 4	N. P. Passenger	G. N. Passenger 19	N. P. Passenger
	<b>Telegraph Offices and Calls</b>	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily Ex. Sun.
141.1	NP...ST. PAUL (Union Depot)...DN	A 6.40 AM					A 10.20 PM		A 4.35 AM

**BETWEEN MINNEAPOLIS AND ST. PAUL ON GREAT NORTHERN TRACKS, TRAINS AND ENGINES WILL BE GOVERNED BY GREAT NORTHERN TIME TABLE AND RULES. TIME SHOWN AT ST. PAUL FOR INFORMATION ONLY.**

130.5	MS..... <sup>10.6</sup> MINNEAPOLIS.....DN 5.0 (Passenger Station)	6.15 s 6.10					9.55 s 9.47		4.10 s 4.00
-------	---	----------------	--	--	--	--	----------------	--	----------------

**BETWEEN NORTHTOWN AND FIRST STREET NORTH, MINNEAPOLIS, TRAINS AND ENGINES WILL BE GOVERNED BY JOINT TERMINAL TIME TABLE. TIME SHOWN AT MINNEAPOLIS FOR INFORMATION ONLY.**

125.5	NJ...NORTHTOWN...DN	A 5.58 AM	A 6.51 AM	A 11.06 AM	A 2.39 PM	A 7.53 PM	A 9.35 PM	A 7.21 PM	A s 3.45 AM
121.8	.....BELT LINE.....								
118.8	CN...COON CREEK...DN	5.48	6.41	L 10.56 AM	2.29	7.41	9.24	L 7.11 PM	3.35
113.5	KY...ANOKA...PD	5.42	6.35		2.23	7.33	9.18		s 3.28
108.5	.....DAYTON...P	5.35	6.28		2.16	7.25	9.11		3.07
100.7	ER...ELK RIVER...PD	5.30	6.23		2.11	7.20	9.06		s 3.00
91.8	BG...BIG LAKE...PD	5.21	6.14		2.02	7.12	8.57		s 2.45
83.7	.....BECKER...P	5.14	6.06		1.54	7.04	8.48		s 2.30
76.7	CK...CLEAR LAKE...PD	5.08	5.59		1.47	6.58	8.40		s 2.20
68.0	.....REFORMATORY.....	5.00	5.51		1.39	6.51	8.32		2.10
65.4	EA...ST. CLOUD...DN	4.56	L 5.48 AM		L 1.36 PM	L 6.48 PM	s 8.28		s 2.00
63.7	UK...SAUK RAPIDS...D								s 1.52
61.0	SY...SARTELL...PD	4.51					8.15		s 1.46
51.1	.....RICE...P	4.42					8.05		f 1.35
44.5	RO...ROYALTON...PD	4.36					7.58		s 1.26
36.5	.....GREGORY...P	4.28					7.49		1.15
33.7	FA...LITTLE FALLS...DN	4.24					s 7.43		1.10 s s 12.45 <sup>11</sup>
29.3	.....DARLING...P	4.19					7.32		12.34
23.5	RD...RANDALL...PD	4.14					7.27		s 12.27
18.5	.....CUSHING...P	4.09					7.23		f 12.20
12.5	.....LINCOLN...P	4.04					7.18		f 12.12
6.3	.....PHILBROOK...P	3.57					7.11		f 12.05 AM
0.0	SO-SQ STAPLES...DN	L 3.48 AM					L 7.02 PM		L 11.56 PM
Time Over Subdivision		2.10	1.03	.10	1.03	1.05	2.33	.10	3.24
Average Speed per Hour		57.9	57.2	43.2	57.2	55.5	50.0	43.2	36.9

**EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

No. 2 will stop on flag at Elk River to let off revenue passengers from Detroit Lakes and west.

**4 WESTWARD**

**SECOND SUB-DIVISION**

**EASTWARD**

**Time Table No. 81A**

**October 27, 1963**

**STATIONS**

**Telegraph Offices and Calls**

SO.....	STAPLES.....DN	6.9
.....	ALDRICH.....P	4.0
V.....	VERDALE.....PD	6.7
WA.....	WADENA.....DN	4.9
.....	BLUFFTON.....P	8.0
NM	NEW YORK MILLS PD	10.7
RN.....	PERHAM.....PD	11.1
RA.....	FRAZEE.....PD	9.7
DE	DETROIT LAKES DN	7.1
AB.....	AUDUBON.....D	4.8
.....	LABELLE.....P	1.0
AP....	LAKE PARK.....DN	6.6
.....	DALE.....P	1.3
.....	MANITOBA JCT....P	4.3
HW.....	HAWLEY.....PD	7.3
.....	WITHEROW.....P	7.2
ND.....	GLYNDON.....DN	5.4
DH....	DILWORTH.....DN	

RULE 251-254

DOUBLE TRACK

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS				Distance from Staples.
			25	123	1	3	
			Passenger	Passenger	Passenger	Passenger	
			Daily	Daily	Daily	Daily Ex. Sun.	
BKOR TWXYZ	Yard	207	L 10.03 PM		L 11.53 AM	L 2.16 AM	0.0
	S 18	214	10.09		12.01 PM	2.24	6.9
	S 54	218	10.12		12.05	2.28	10.9
RXY	E 120	224	10.18		s 12.14	s 2.45	17.6
	S 4	229	10.22		12.19	2.49	22.5
	E 84 W 122	237	10.29		12.26	2.56	30.5
	E 120 W 90	248	10.38		s 12.38	3.06	41.2
	W 94	259	10.47		12.49	3.16	52.3
WX	E 84 W 114	269	10.56		s 1.01	s 3.33 3.48	62.0
	S 37	276	11.03		1.10	3.55	69.1
X	Yard	280					73.7
BKRXY	Yard	282	11.09		1.16	4.00	74.7
	S 17	287					81.3
XY	E 89	289	11.16	L 4.38 PM	1.23	4.07	82.6
X		293	11.20	s 4.47	s 1.41	4.11	86.4
	E 117	297	11.27	4.54	1.50	4.18	93.7
	S 29	306	11.33	s 5.01	2.01	4.25	100.9
BKOR TWXYZ	Yard	311	As 1.41 PM	As 5.07 PM	As 2.11 PM	As 4.31 AM	106.3
			1.88	.29	2.18	2.00	
			65.1	49.0	46.2	53.2	

Distance from Dilworth.	106.3	As 3.44 AM		As 6.55 PM	As 11.44 PM
	99.4	3.33		6.41	f 11.32
	95.4	3.29		6.37	s 11.27
	88.7	3.23		s 6.30	s 11.17
	83.8	3.18		6.19	f 11.00
	75.8	3.11		6.12	s 10.51
	65.1	3.01		s 6.00	s 10.38
	54.0	2.51		5.48	s 10.24
	44.3	2.42		s 5.37	s 10.12
	37.2	2.35		5.26	f 9.51
	32.6				
	31.6	2.30		5.19	s 9.44
	25.0				
	23.7	2.22	A 1.45 PM	5.09	9.33
	19.9	2.18	s 1.41	s 5.05	f 9.29
	12.6	2.12	1.08	4.51	9.20
	5.4	2.05	s 12.57	4.45	f 9.12
	0.0	L 1.59 AM	L 12.48 PM	L 4.40 PM	L 9.05 PM
Time Over Sub-Division		1.45	.57	2.15	2.39
Average Speed Per Hour		60.7	24.8	47.3	40.1

**EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

**COMMERCIAL SPURS.**

**SECOND SUBDIVISION (Main Line)**

	Miles from Staples	Car Capacity
Ice House.....	60.8	120
Richards Spur.....	65.5	....

**THIRD SUBDIVISION (Brainerd Line)**

	Miles from Little Falls	Car Capacity
Land O'Lakes.....	29.7	12
Davis.....	29.0	6
Crestliner, Inc.....	1.9	8

**FOURTH SUBDIVISION (Little Falls and Dakota Branch)**

	Miles from Little Falls	Car Capacity
Starbuck Fur & Iron.....	67.2	6

**FIFTH SUBDIVISION (Fergus Falls Branch)**

	Miles from Wadena	Car Capacity
Hoot Lake.....	49.7	60
Fergus Dairy Co-op.....	52.3	15
Fergus Foundry Spur.....	52.4	15
Packing House.....	52.7	3
Fergus Falls Rendering Co.....	53.0	6

**SIXTH SUBDIVISION (Red River Branch)**

	Miles from Manitoba Jct.	Car Capacity
Thorson Pit.....	53.1	188
Spring Pit.....	53.9	82
Crookston Mill.....	65.9	165

**SEVENTH SUBDIVISION (Red River Branch)**

	Miles from East Grand Forks	Car Capacity
Air Base Spur.....	17.1	....

**WESTWARD THIRD SUB-DIVISION EASTWARD**  
(BRainerd LINE)

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Time Table No. 81A		FIRST CLASS	
			11		October 27, 1963		12	
			Passenger	Daily	Distance from Little Falls.	STATIONS	Distance fr Brainerd.	Passenger
BRKXY	Yard	S34	L	1.45 AM	0.0	FA... LITTLE FALLS... DN	31.6	As 1.00 AM
		S10	f	1.55	5.6	..... BELLE PRAIRIE.....	26.0	f 12.44
Y		S100	f	1.58	7.8	..... CAMP RIPLEY JCT... P	23.8	f 12.41
		S18	SA9	2.01	9.1	..... TOPEKA.....	22.5	f 12.39
		44	SA15	2.09	14.6	..... FORT RIPLEY... P	17.0	f 12.32
		45	SA24	f 2.23	23.7	..... CROW WING.....	7.9	f 12.21
			SA26	f 2.27	26.1	..... BARROWS.....	5.5	f 12.18
BROR TWXYZ	Yard	177	As	2.35 AM	31.6	B..... BRAINERD... DN	0.0	L 12.10 AM
				0.50		Time Over Sub-Division		.50
				37.9		Average Speed per Hour		37.9

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

**WESTWARD FOURTH SUB-DIVISION EASTWARD**  
(LITTLE FALLS AND DAKOTA BRANCH)

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	THIRD CLASS		Time Table No. 81A		THIRD CLASS	
			707		October 27, 1963		708	
			Way Freight	Mon., Wed., Fri.	Distance from Little Falls.	STATIONS	Distance from Morris.	Way Freight
BKRXY	Yard	S34	L	8.30 AM	0.0	FA... LITTLE FALLS... DN	87.2	A 1.45 PM
		23	SB9	f 9.03	8.5	..... FLENSBURG.....	78.7	f 1.15
		23	SB16	s 9.25	15.5	..... SWANVILLE.....	71.7	s 12.50
		20	SB20	f 9.45	20.1	..... BURTRUM.....	67.1	f 12.23
		20	SB25	s 10.00	24.5	GY... GREY EAGLE... D	62.7	s 12.08 PM
			SB28	f 10.14	28.0	..... WARD SPRINGS.....	59.2	f 11.45 AM
		53	SB36	s 10.45	36.4	SC... SAUK CENTRE... D	50.8	s 11.20
				11.25 AM		..... WESTPORT.....	40.0	s 10.07
		25	SB47	s 12.15 PM	47.2	VI... VILLARD... D	35.1	s 9.42
		32	SB52	s 12.32	52.1	GD... GLENWOOD... D	28.2	s 9.22
		32	SB59	s 12.52	59.0	SK... STARBUCK... D	19.4	s 8.57
		54	SB68	s 1.20	67.8	CY... CYRUS... D	9.1	s 8.22
		24	SB78	s 1.50	78.1	RY... MORRIS... D	0.0	L 8.00 AM
RXY	20	SB87	A	2.20 PM	87.2			
				5.10		Time Over Sub-Division		4.55
				16.9		Average Speed per Hour		17.7

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

**INDEX**

**Page**

1st Sub—Northtown-Staples.....	2 & 3
2nd Sub—Staples-Dilworth.....	4
3rd Sub—Brainerd Line.....	5
4th Sub—Little Falls & Dakota Branch.....	5
5th Sub—Fergus Falls Branch.....	6
6th Sub—Red River Branch—Manitoba Jet. to E. Grand Forks.	7
7th Sub—Red River Branch—E. Grand Forks to Pembina....	8
8th Sub—Red Lake Falls & Sherack Branches.....	7
Commercial Spurs.....	4
Crossovers.....	2
Speed Table.....	7

**RAILROAD CROSSINGS AND INTERLOCKINGS.**

**First Subdivision—**

NORTHTOWN—G. N. Crossing.  
COON CREEK—G. N. Junction—Interlocked.  
ELK RIVER—G. N. Junction—Automatic Interlocking.  
ST. CLOUD—G. N. Crossing—Interlocked.  
GREGORY—Automatic Dual Control Switch.  
PHILBROOK—Automatic Dual Control Switch.  
STAPLES—Lake Superior Division Junction—Interlocked.

**Second Subdivision—**

WADENA—G. N. Crossing—Automatic Interlocking.  
DETROIT LAKES—Soo Line Crossing—Interlocked.  
MANITOBA JUNCTION—6th Subdivision—Interlocked.  
GLYNDON—G. N. Crossing—Interlocked.

**Fourth Subdivision—**

SAUK CENTRE—G. N. Crossing—Automatic Interlocking.  
GLENWOOD—Soo Line Crossing—Automatic Interlocking.

**Fifth Subdivision—**

HENNING—Soo Line Crossing.  
FERGUS FALLS—G. N. Crossing—Automatic Interlocking.  
BETWEEN EVERDELL AND BRECKENRIDGE—G. N. Crossing—Automatic Interlocking.  
WAHPETON—C. M. St. P. & P. Crossing.  
WYNDMERE—Soo Line Crossing.

**Sixth Subdivision—**

MANITOBA JUNCTION—2nd Subdivision Junction—Interlocked.  
BETWEEN HAROLD AND CROOKSTON—G. N. Crossing—Automatic Interlocking.  
BETWEEN ANGLIM AND HIXON—G. N. Crossing—Automatic Interlocking.

**Seventh Subdivision—**

BETWEEN GRAND FORKS AND BOLACK—Two G. N. Crossings.  
FOREST RIVER—Soo Line Crossing—Interlocked.  
BETWEEN KELLOGG AND GRAFTON—G. N. Crossing.

**Eighth Subdivision—**

BETWEEN DOROTHY AND KEYWEST—G. N. Crossing—Interlocking. Operated by trainmen.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	THIRD CLASS		Distance from Wadena.	Time Table No. 81A		Distance from Oakes.	THIRD CLASS	
			745	753		October 27, 1963			746	754
			Way Freight Tue., Thu. and Sun.	Way Freight Mon., Wed. and Fri.		STATIONS			Way Freight Mon., Wed. and Fri.	Way Freight Tue., Thu. and Sat.
			L 6.10 AM	L 6.10 AM	0.0	Telegraph Offices and Calls			As 2.15 PM	As 2.15 PM
					1.9	WA..... WADENA..... DN	151.5			
					10.3	..... WADENA JCT..... D	149.6			
		36 MA 10	s 6.35	s 6.35	10.3	DK..... DEER CREEK..... D	141.2	f 1.50	f 1.50	
		67 MA 18	s 6.55	s 6.55	18.0	HG..... HENNING..... D	133.5	f 1.15	f 1.15	
		S 3 MA 24	f 7.26	f 7.26	24.1	..... VINING..... D	127.4	f 12.50	f 12.50	
		MA 29	f 7.50	f 7.50	29.1	..... CLITHERAL..... D	122.4	f 12.40	f 12.40	
		40 MA 33	s 8.05	s 8.05	33.3	BK..... BATTLE LAKE..... D	118.2	f 12.30	f 12.30	
		61 MA 41	s 8.30	s 8.30	41.2	UR..... UNDERWOOD..... D	110.3	f 12.10 PM	f 12.10 PM	
		MA 46	f 8.42	f 8.42	45.8	..... WALL LAKE..... D	105.7	f 11.55 AM	f 11.55 AM	
			s 9.05 AM	s 9.05 AM	51.5	FS..... FERGUS FALLS..... D	100.0	11.40	11.40	
X		90 MA 52	12.30 PM	10.30	51.5	..... FRENCH..... D	93.6	f 9.10	f 9.50	
		30 MA 58	f 12.50	f 10.50	57.9	FX..... FOXHOME..... D	88.4	f 9.00	f 9.40	
		77 MA 63	f 1.01	f 11.01	63.1	..... EVERDELL..... D	83.6	f 8.50	f 9.30	
		22 MA 68	f 1.10	f 11.10	67.9	BJ..... BRECKENRIDGE..... D	74.9	f 8.20	f 9.10	
YX		65 MA 77	s 1.25	s 11.30	76.6	WP..... WAHPETON..... D	74.0	L 8.15 AM	s 9.05	
BRX		81 MA 78	As 1.30 PM	s 11.35	77.5	..... FARMINGTON..... D	66.9		f 8.51	
		S 24 MA 84		f 11.50	84.6	..... FAIRVIEW JCT..... D	63.5		f 8.43	
		MA 88		f 11.59 AM	88.0	To Mathews 3.0 To Mooreton 2.5				
		15 MB 8			91.0	..... MATHEWS..... D	66.5			
Y		MB 8			95.8	..... KEYSTONE..... D	71.3			
		MB 9			96.6	..... GREAT BEND..... D	72.1			
		60 MA 91		s 12.05 PM	90.5	RT..... MOORETON..... D	61.0		s 8.35	
		33 MA 97		s 12.20	96.5	BY..... BARNEY..... D	55.0		s 8.13	
		37 MA 103		s 12.35	102.7	WM..... WYNDMERE..... D	48.8		s 7.50	
		28 MA 112		s 12.55	112.5	DR..... DE LAMERE..... D	39.0		f 7.15	
Y		79 MA 119		s 1.10	118.6	MI..... MILNOR..... D	32.9		s 6.55	
		17 MA 122		f 1.25	124.1	..... HOVING..... D	27.4		f 6.32	
		35 MA 129		s 1.40	129.0	GW..... GWINNER..... D	22.5		f 6.21	
		34 MA 136		s 1.55	136.1	SM..... STIRUM..... D	15.4		f 6.06	
		34 MA 143		s 2.10	143.5	CR..... CRETE..... D	8.0		f 5.50	
RXY		72 DD 69		As 2.30 PM	151.5	KS..... OAKES..... D	0.0		L 5.30 AM	
			3.55	6.55		Time Over Sub-Division		3.50	7.10	
			19.7	21.9		Average Speed per Hour		20.1	21.1	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	SECOND CLASS	FIRST CLASS	Distance from Manitoba Junction.	Time Table No. 81A		Distance from East Grand Forks.	FIRST CLASS	SECOND CLASS
			633	13		October 27, 1963			14	748
			Freight	Passenger		Passenger	Freight			
			Daily	Daily		<b>STATIONS</b>			Daily	Daily
						Telegraph Offices and Calls				
Y	110	399	L 10.00 PM	L 1.50 PM	0.0	WN.. MANITOBA JCT... DN	03.9	A 4.36 PM	A 7.00 PM	
X	47	NA 5	10.10	s 1.59	5.0	HI... HITTERDAL... PD	88.9	s 4.26	6.40	
X	48	NA12	10.24	s 2.09	11.9	U... ULEN... PD	89.0	s 4.13	6.30	
	48	NA19	10.38	f 2.17	18.9	... SYRE... P	78.0	s 4.03	6.15	
X	68	NA25	10.50	s 2.25	24.6	AY... TWIN VALLEY... PD	69.3	s 3.56	6.05	
X	48	NA32	11.02	s 2.35	32.4	G... GARY... PD	61.5	s 3.46	5.50	
	48	NA35	11.14	2.42	38.4	... FLAMING... P	58.5	3.37	5.40	
X	68	NA44	11.24	s 2.50	44.0	FE... FERTILE... PD	49.9	s 3.30	5.30	
X	48	NA53	11.40	3.00	53.0	... MELVIN... P	41.9	3.20	5.15	
	41	NA60	11.56 PM	3.10 <sup>14</sup>	59.9	... HAROLD... P	34.0	3.10 <sup>13</sup>	4.59	
RX		NA67	12.10 AM	s 3.20	67.3	CX... CROOKSTON... PD	26.7	s 2.50	4.45	
X	42	NA69	12.13	3.26	68.5	... ANGLIM... P	25.4	2.44	4.43	
	26	NA74	12.23	3.32	73.9	... HIXON... P	20.0	2.37	4.35	
		NA76	12.31	3.36	77.7	... FREEMAN... P	16.3	2.33	4.30	
	30	NA85	12.41	3.44	83.4	... DAVIDSON... P	10.5	2.26	4.20	
		NA90	12.50	3.50	88.8	... CARTHAGE JCT... P	8.1	2.20	4.10	
BKORT WXZ	Yard	NA95	A 1.00 AM	A s 4.01 PM	93.9	GX EAST GRAND FORKS DN	0.0	L 2.13 PM	L 4.00 PM	
			3.00	2.11		Time Over Sub-Division		2.23	3.00	
			31.3	43.0		Average Speed per Hour		39.4	31.3	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

WESTWARD EIGHTH SUB-DIVISION EASTWARD  
(RED LAKE FALLS AND SHERACK BRANCHES)

Time Table No. 81A

October 27, 1963

STATIONS

Telegraph Offices and Calls

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	Distance from Tilden Jct.	STATIONS	Distance from Carthage Jct.	
		27	NB 12	0.0	..... TILDEN JCT.....	40.8
			NB 16	4.4	..... DELORME.....	36.4
			NB 19	7.6	..... PERAULT.....	33.2
			NB 22	10.8	..... G. N. JCT.....	30.0
	8		11.7	..... RED LAKE FALLS JCT.....	29.1	
		60	NB 23	12.7	RF... RED LAKE FALLS... D	30.1
		38	NB 32	18.8	..... DOROTHY.....	22.0
X	14	NB 48	34.5	..... KEY-WEST.....	6.3	
		NF 6	40.4	To Sherack 5.9 To Carthage Jct. 6.3		
		NA 90	40.8	..... SHERACK.....	12.2	
				..... CARTHAGE JCT..... P	0.0	

SPEED TABLE

Time Per Mile		Miles	Time Per Mile		Miles
Minutes	Seconds	Per Hour	Minutes	Seconds	Per Hour
0	45	80	1	12	50
0	46	78.3	1	15	48
0	47	76.6	1	20	45
0	48	75	1	25	42.3
0	49	73.5	1	30	40
0	50	72	1	40	36
0	51	70.6	1	45	34.3
0	52	69.2	1	50	32.7
0	53	67.9	2	..	30
0	54	66.6	2	10	27.6
0	55	65.4	2	15	26.6
0	56	64.2	2	20	25.7
0	57	63.1	2	30	24
0	58	62	2	40	22.5
0	59	61	2	45	21.8
1	..	60	2	50	21.2
1	1	59	3	..	20
1	2	58	3	9	19
1	3	57.1	3	20	18
1	4	56.2	3	31	17
1	5	55.3	3	45	16
1	6	54.5	4	..	15
1	7	53.7	5	..	12
1	8	52.9	6	..	10
1	9	52.1	7	30	8
1	10	51.4	10	..	6

Water, Fuel, Grease, Lubricants, Tyre and Yard Material.	Car Capacity or Exchange.	Station Numbers.	SECOND CLASS		FIRST CLASS		Distance from East Grand Forks.	Time Table No. 81A		Distance from Pembina.	FIRST CLASS		THIRD CLASS	
			633		13			October 27, 1963			14		752	
			Freight	Daily	Passenger	Daily		Passenger	Daily		Way Freight	Daily		
<b>STATIONS</b>														
Telegraph Offices and Calls														
BKORT XWZ	Yard	NA 95	L 5.00 AM	L 4.15 PM	0.0	GX EAST GRAND FORKS DN	94.3	As 2.08 PM	A 1.30 AM					
X		NA 96	5.02	s 4.29	0.4	GRAND FORKS	93.9	s 2.04	1.20					
		NA 101	5.15	4.39	5.6	BOLACK	88.7	f 1.49	f 12.55					
	47	NA 100	5.26	4.46	11.0	KELLY	83.3	1.43	f 12.25					
X	48	NA 112	5.38	s 4.54	17.1	MEKINOCK	77.3	s 1.35	s 12.05 AM					
		NA 118	5.49	f 5.01	22.6	HONEYFORD	71.7	s 1.27	s 11.35 PM					
X	74	NA 121	5.56	s 5.07	26.1	GILBY	68.2	s 1.20	s 11.20					
		NA 120	6.05	f 5.13	30.4	JOHNSTOWN	63.9	s 1.13	s 10.55					
X	74	NA 120	6.15	s 5.20	35.1	FOREST RIVER	59.2	s 1.07	s 10.45					
	48	NA 120	6.25	f 5.27	40.8	VOSS	53.6	s 12.57	s 10.20					
		NA 141	6.35	5.33	48.6	KELLOGG	48.7	f 12.50	f 10.10					
XY	48	NA 145	7.05	s 5.40	49.7	GRAPTON	44.6	s 12.44	s 10.00					
		NA 152	7.23	f 5.50	54.8	CASHEL	37.6	f 12.32	s 9.13					
		NA 155	7.32	5.55	60.4	HERRICK	33.0	12.27	f 9.08					
X	61	NA 100	7.43	s 6.02	65.3	DRAYTON	30.1	s 12.21	s 9.00					
		NA 100	7.55	6.08	69.0	PITTSBURG	24.4	12.15	f 8.37					
		NA 100	8.05	s 6.14	74.1	BOWSMONT	20.2	s 12.10 PM	s 8.30					
	48	NA 170	8.23	s 6.25	82.6	JOLIETTE	10.7	s 11.58 AM	s 8.15					
	26	NA 120	8.30	6.31	87.4	McARTHUR	6.9	11.52	f 8.10					
KRW XY	Yard	NA 100	A 8.45 AM	s 6.47	94.3	PENBINA DN	0.0	s 11.43	L 8.00 PM					
				A 6.53 PM		N. P. JCT.		L 11.19 AM						

BETWEEN N. P. JCT. (International Boundary) AND WINNIPEG TRAINS ARE GOVERNED BY CANADIAN NATIONAL TIME TABLE AND RULES. TIME SHOWN AT WINNIPEG FOR INFORMATION ONLY.

			A 8.25 PM		WINNIPEG	L 9.45 AM	
		2.45	2.32		Time Over Sub-Division	2.25	5.30
		28.1	37.2		Average Speed per Hour	39.0	17.1

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 18 will stop at Voss on Saturdays, Sundays and Holidays.  
At Grafton time of First Class Trains applies at passenger station.

J. G. HEIMSJO,  
Asst. Supt.

H. J. WALTERS,  
Trainmaster.

R. H. ANDERSON,  
Trainmaster.

E. L. NOLAN,  
Trainmaster.

L. M. BARHAN,  
Trainmaster.

J. R. ULYATT,  
Asst. Trainmaster.

S. O. ERICKSON,  
Chief Dispatcher.