

# **NORTHERN PACIFIC RAILWAY COMPANY.**

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**LAKE SUPERIOR DIVISION**

# **TIME 35 TABLE**

**IN EFFECT AT 12:01 A. M. Central or 90th Meridian Time.**

**SUNDAY, SEPTEMBER 24th, 1911.**

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

**G. A. GOODELL,**  
General Manager.

**E. C. BLANCHARD,**  
General Superintendent.

**P. H. McCAULEY,**  
Superintendent of Transportation.

**K. M. NICOLES,**  
Superintendent.



WEST BOUND			FIRST DISTRICT					EAST BOUND			WEST BOUND		WASHBURN BRANCH		EAST BOUND												
THIRD CLASS			FIRST CLASS		Water, Coal, Tables and Wyes	Station Numbers	Distance from Ashland	TIME TABLE No. 35 Sept. 24, 1911 Succeeding No. 34		Distance from Duluth	Capacity of Side Tracks	FIRST CLASS		THIRD CLASS			Second Class		Water, Coal, Tables and Wyes	Station Numbers	Distance from Washburn	TIME TABLE No. 35 Sept. 24, 1911 Succeeding No. 34		Distance from Iron River	Capacity of Side Tracks	Second Class	
733	731	729	53	51				STATIONS	52			54	730	732	734	415	416										
WAY FREIGHT Tues., Thurs. and Sat.	WAY FREIGHT Mon., Wed. and Fri.	WAY FREIGHT Mon., Wed. and Fri.	PASSENGER Daily	PASSENGER Daily	Telegraph Offices and Calls	PASSENGER Daily	PASSENGER Daily	WAY FREIGHT Mon., Wed. and Fri.	WAY FREIGHT Mon., Wed. and Fri.	WAY FREIGHT Tues., Thurs. and Sat.	MIXED Mon., Wed. and Fri.	MIXED Mon., Wed. and Fri.															
7.30 AM	7.30 AM		8.40 PM	8.45 AM	AD. ASHLAND C. & N.-W. Ry. Crossing. 4.5	7.00 PM	11.00 AM		6.00 PM	1.40 PM	2.00 PM	11.59 AM															
7.45	7.45		8.50	8.55	ASHLAND JUNCTION C. St. P. M. & O. Ry. Crossing. 5.6	6.45	10.48		5.45	1.20	2.15	11.50															
8.05	8.05		9.00	9.07	MOQUAH 6.1	6.34	10.36		5.30	1.05	2.35	11.32															
8.25	8.25		9.10	9.19	INO. 2.0	6.22	10.23		5.10	12.48	2.49	11.18															
8.35	8.35				SPIDER 5.4				5.05	12.40	3.09	10.59															
8.50	8.50		9.35	9.32	TOPSIDE 4.7	6.07	10.08		4.50	12.25	3.24	10.45															
9.05 51-54 10.00	9.05 AM 51	10.30 AM	4.35 732	9.40 731-733-730	RV. IRON RIVER 4.0	5.59	9.58 733	9.20 AM 51	4.35 PM 53	12.10 PM 11.15 AM	3.30	10.38															
10.15		10.45	4.46	9.48 54	MUSKEG 2.6	5.49	9.48 51	9.00		11.00	3.46	10.25															
10.25		10.55	4.52	9.54	PEARSON 1.3	5.43	9.43	8.40		10.45	4.00 PM	10.10 AM															
10.35 734 10.50		11.15	4.58	9.59	BX. BRULE 5.0	5.40	9.39	8.30		10.35 733	Mon., Wed. and Fri. 2.00	1.49															
11.10		11.35	5.06	10.10 734	BLUEBERRY 2.7	5.32	9.26	8.00		10.10 51	17.0	18.5															
11.25		11.55 AM	5.12	10.16	MAPLE 1.5	5.25	9.20	7.45		9.45																	
11.35		12.05 PM	5.20 52	10.20	WIEHE 2.6	5.20 53	9.15 734	7.15		9.15 54																	
11.50 AM		12.20	5.25	10.25	POPLAR 2.1	5.13	9.07	7.05		8.50																	
12.05 PM		12.35	5.30	10.30	WENTWORTH 3.2	5.05	8.59	6.40		8.30																	
					AMNICON 3.2																						
12.25		12.55	5.40	10.43	CUTTER 4.3	4.50	8.48	6.15		8.05																	
					ALLOUEZ N. W. C. Ry. and G. N. Ry. Crossing. 2.0																						
12.45 PM		1.15 PM	5.53 PM	11.00 AM	SP. EAST END C. St. P. M. & O. Ry. Crossing.	4.35 PM	8.35 AM	5.45 AM		7.45 AM																	

SEE DULUTH AND SUPERIOR TERMINALS TIME TABLE

3.30 PM	8.00 PM	6.30 PM	11.40 AM	WGS TY	WB 71	75.5	DU.....DULUTH.....N	0.0	4.00 PM	8.00 AM	4.00 AM	6.05 AM	
Tues., Thurs. and Sat.	Mon., Wed. and Fri.	Mon., Wed. and Fri.	Daily	Daily					Daily	Daily	Mon., Wed. and Fri.	Mon., Wed. and Fri.	Tues., Thurs. and Sat.
5.15	1.35	2.45	2.13	2.15			Time Over District		2.25	2.25	3.35	1.25	5.55
12.0	17.8	12.7	28.3	28.1			Average Speed Per Hour		26.2	26.2	10.0	10.9	10.7

REGISTERING STATIONS—Iron River and Washburn.  
 BULLETIN STATION—Iron River.  
 Washburn branch trains will wait at Iron River for connections.  
 There being no telegraph service at Washburn, trains will not require clearance form 1357A.

REGISTERING AND BULLETIN STATIONS—Ashland, Iron River and Central Ave.  
 First District Trains will register and receive orders at Central Ave.  
 STANDARD CLOCK—Duluth.  
 All trains and light engines must come to a FULL STOP before crossing C. St. P. M. & O. track at Ashland Junction, and will be governed by interlocking signals at Northwestern Coal Ry. Crossing just east of Allouez.  
 All engines with or without trains must come to a FULL STOP two hundred (200) feet from Draw Bridge at East End, and will not proceed until it is known that the bridge is properly closed and secured.

Freight trains on First District are not permitted to carry passengers.  
 Passenger trains will wait at Iron River for Washburn branch connections.  
 The speed of engines and trains must not exceed four (4) miles per hour between East End passenger station and roundhouse.  
 Between East End and Duluth, trains will be governed by Duluth and Superior Terminals Time Table.  
 Maximum speed of passenger trains is one minute or sixty seconds per mile. This limit must never be exceeded.



WEST BOUND

SECOND DISTRICT

EAST BOUND

THIRD CLASS		SECOND CLASS		FIRST CLASS				Water, Coal, Engines, Tables and Wyes	Station Numbers	Distance from Duluth	TIME TABLE No. 35. September 24, 1911. Succeeding No. 34				Distance from Staples	Capacity of Side Tracks.	FIRST CLASS				THIRD CLASS		
705	727	623	625	65	63	57	55				STATIONS						56	58	64	66	624	728	706
WAY FREIGHT	WAY FREIGHT	FREIGHT	FREIGHT	PASSENGER	PASSENGER	PASSENGER	PASSENGER				Telegraph Offices and Calls.						PASSENGER	PASSENGER	PASSENGER	PASSENGER	FREIGHT	WAY FREIGHT	WAY FREIGHT
Except Sunday	Except Sunday	Daily	Daily	Daily	Daily	Daily	Daily										Daily	Daily	Daily	Daily	Daily	Except Sunday	Except Sunday
	6.30 AM		8.05 PM	6.00 PM	11.10 PM	1.55 PM	7.30 PM	8.05 AM	WGSTY	WB 71	0.0	DU.....DULUTH.....N	147.5		6.25 PM	8.15 AM	6.55 PM	6.30 AM		5.10 PM			

SEE DULUTH AND SUPERIOR TERMINALS TIME TABLE

	7.50 AM <sup>55</sup>	9.40 PM	7.10 PM	11.50 PM	* 2.39 PM	7.55 PM	8.30 AM	WY	67	8.3	AJ..... CENTRAL AVE..... N G. N. Ry. Crossing. 2.4	139.2	800	6.00 PM	7.50 AM <sup>727</sup>	* 6.18 PM	5.45 AM	Via 3rd Dist.	4.20 PM		
	8.00	9.46	7.15	* 11.55 PM	* 2.34	f 8.01	f 8.35		69	10.7	.....POKEGAMA..... 4.6	136.8	76	f 5.54	f 7.44	* 6.13	* 5.40			4.10	
	8.13	10.05	7.30	* 12.06 AM	* 2.40	f 8.13	f 8.44		74	15.3	WG.....WALBRIDGE...D 3.2	132.2	42	f 5.44	f 7.33	* 6.06	* 5.30			3.55	
	8.25	10.20	7.43	* 12.15	* 2.45	* 8.22	* 8.51		78	18.5	.....STATE LINE..... G. N. Ry. Crossing. 1.6	129.0		* 5.37	* 7.27	* 6.01	* 5.24			3.43	
	8.30	10.28	7.50	* 12.20	* 2.48	f 8.26	f 8.54		79	20.1	.....BARKER..... 3.0	127.4	42	f 5.34	f 7.25	* 5.59	* 5.21			3.40	
	9.02 <sup>53</sup>	10.40	8.05	f 12.28	* 2.53	8.34	9.02 <sup>727</sup>		82	23.1	WQ.....WRENSHALL.....N 4.1	124.4	71	5.28	7.19	* 5.55	f 5.14			3.30	
	9.25 <sup>10.30</sup>	11.15	8.20 PM	12.38 AM	3.00 PM <sup>728</sup>	8.49 <sup>024</sup>	9.15	WYSC	86	27.2	UN.....CARLTON.....N Third Dist. Crossing. 5.1	120.3		5.20	7.10	5.49 PM	5.05 AM		8.15 PM <sup>57</sup>	3.00 <sup>63</sup> 2.10	
	10.50	11.55				f 9.02	f 9.25		91	32.3	.....IVERSON..... 4.8	115.2	45	f 5.10	f 7.00				8.00	1.55	
	11.30	11.55 PM				9.11	9.35	Y	96	37.1	SA.....SAWYER.....D 6.5	110.4	108	5.01	6.52				7.45	1.40	
	11.40 AM	12.10 AM				f 9.26	f 9.46		102	43.6	.....CORONA..... 5.4	103.9	79	f 4.49	f 6.42				7.25	1.20	
	12.15 PM	12.25				9.38	9.56	W	108	49.0	CM.....CROMWELL.....N 6.0	98.5	80	4.39	6.32			7.10	1.05		
	12.40 <sup>728</sup>	12.40				9.50	10.06		114	55.0	WT.....WRIGHT.....D 6.1	92.5	62	4.28	6.20			6.50	12.40 <sup>727</sup>		
	1.05	12.55				10.02	10.16		120	61.1	TK.....TAMARACK.....D 4.9	86.4	80	4.16	6.10			6.30	12.15 PM		
	1.25	1.10				f 10.11	f 10.24		125	66.0	.....GRAYLING..... 4.2	81.5	80	f 4.07	f 6.02			6.15	11.45 AM		
	1.40 <sup>3.15</sup>	1.40				10.20	10.35	YWC	129	70.2	MG.....MC GREGOR.....N M. St. P. & S. Ste. M. Crossing. 4.8	77.3	148	3.59	5.54			6.00	11.30		
	2.30	1.55				f 10.30	f 10.43 <sup>728</sup>		133	75.0	.....UDE..... 4.1	72.5	80	f 3.50	f 5.48			5.15	10.43 <sup>55</sup>		
	3.00	2.08				f 10.39	10.50		138	79.1	K.....KIMBERLY.....D 5.8	63.4	48	3.42	f 5.36			5.00	10.20		
	3.32 <sup>50</sup>	2.25				f 10.51	f 11.00		144	84.9	.....ROSSBURG..... 6.1	62.6	80	f 3.32 <sup>727</sup>	f 5.26			4.45	9.55		
	3.50 <sup>4.45</sup> <sup>024</sup>	2.55				11.05	11.12	W	150	91.0	KN.....AITKIN.....N 4.7	56.5	148	3.21	5.16			4.20 <sup>727</sup>	9.30 <sup>8.40</sup>		
	5.05	3.15				f 11.16	f 11.20		155	95.7	.....CEDAR LAKE..... 5.7	51.8	79	f 3.11	f 5.05			4.00	8.25		
	5.45	3.45				11.31	11.30		160	101.4	DO.....DEERWOOD.....N 4.5	46.1	103	3.02	4.56			3.45	8.10		
	6.00	4.05				f 11.43	f 11.40	W	165	105.9	.....KLONDYKE..... 5.0	41.6	79	f 2.53	f 4.47			3.30	7.35		
	6.20	4.36 <sup>53</sup>				f 11.53 PM	f 11.49 AM		170	110.9	.....LOERCH..... 7.2	36.6	80	f 2.44	f 4.36 <sup>623</sup>			3.05	7.20		
10.00 AM	6.45 PM	5.00 5.30				12.08 AM 12.20	12.01 PM 12.10	WGSTY	177	118.1	B.....BRAINERD.....N 4.4	29.4		2.30 <sup>624</sup> 2.25	4.20 4.15			2.40 <sup>56</sup> 2.00	7.00 AM	3.10 PM	
10.15		5.48				f 12.28	f 12.18		181	122.5	.....BAXTER..... 5.3	25.0	81	f 2.17	f 4.08			1.45		2.55	
10.30		6.05				f 12.38	f 12.27		187	123.3	.....SYLVAN..... 3.3	19.2	71	f 2.08	f 3.58			1.25		2.35	
10.50		6.20				f 12.43	12.33		191	131.6	PG.....PILLAGER.....D 5.0	15.9	80	2.03	f 3.53			1.15		2.24	
11.05		6.40				f 12.52	f 12.41		196	136.6	.....WHEELOCK..... 3.7	10.9	63	f 1.54	f 3.46			1.00		2.06	
11.30		6.55				12.58	12.48 <sup>621</sup>	W	199	140.3	MO.....MOTLEY.....N 4.2	7.2	130	1.48 <sup>706</sup>	3.42			12.48 <sup>53</sup>		1.48 <sup>50</sup>	
11.45		7.12				f 1.05	f 12.54		203	144.5	.....HAYDEN..... 3.0	3.0	80	f 1.40	f 3.35			12.20		1.25	
11.59 AM <sup>621</sup>		7.30 AM				1.15 AM	1.00 PM <sup>706</sup>	WGSTY	207	147.5	SO.....STAPLES.....N	0.0		1.35 PM	3.30 AM			12.05 PM <sup>705</sup>		1.10 PM <sup>55</sup>	
Except Sunday	Except Sunday	Daily	Daily	Daily	Daily	Daily	Daily							Daily	Daily	Daily	Daily	Daily	Except Sunday	Except Sunday	
1.59	10.55	9.50	1.10	0.43	0.31	5.20	4.30				Time Over District.			4.25	4.20	0.29	0.40	8.10	9.20	2.00	
14.7	10.0	14.1	16.0	23.6	36.5	26.1	30.9				Average Speed per Hour.			31.5	32.1	39.1	28.3	14.8	11.7	14.7	

REGISTERING STATIONS—Central Ave., Carlton, Brainerd and Staples.  
STANDARD CLOCKS—Duluth, Carlton and at Staples Passenger Depot.  
All trains and light engines will be governed by interlocking signals at Third District crossing at Carlton and Great Northern crossings at State Line and Central Ave. and will come to a full stop before crossing M. St. P. & S. Ste. M. Ry. tracks at McGregor and on the Mill track at Aitkin.

BULLETIN STATIONS—Central Ave., Carlton, Brainerd and Staples Passenger Depot.  
Brainerd Yard extends to Gravel Pit, two (2) miles east of Brainerd.  
Junction switch at Central Ave. must be left set and locked for the second district.  
No. 55 will wait at Staples for St. Paul and Minnesota Division train No. 8.  
Between Carlton and Brainerd Nos. 727 and 728 are permitted to carry adult male passengers, when provided with proper transportation from and to points at which these trains stop for other purposes.

No. 55 will wait at Staples for No. 6.  
Double track extends from State Line to Walbridge. All trains will keep to right. Trains meeting on double track must be positively identified. Switch at Walbridge will be kept set and locked for west bound track. Switch at State Line is handled from tower.  
No. 63 and 64 will register at Central Ave. by ticket.  
Maximum speed of passenger trains is one minute or sixty seconds per mile. This limit must never be exceeded.



WEST BOUND

THIRD DISTRICT

WEST BOUND

THIRD CLASS			SECOND CLASS		Water, Coal Siding and Tables and Wyes	Siding Capacity in Cars	Distance from Duluth	TIME TABLE No. 35. SEPTEMBER 24, 1911. Succeeding No. 34. STATIONS Telegraph Offices and Calls.		Distance from Minneapolis	Station Numbers	FIRST CLASS					
725 Way Frt. Except Sunday	723 WAY FRT. MonWed & Fri	721 WAY FRT. Except Sunday	627 FAST FRT. Daily	625 FAST FRT. Daily				N.....DULUTH.....DU	162.4			WB 71	61 PASSENGER Except Sunday	63 PASSENGER Daily	65 PASSENGER Daily	67 PASSENGER Except Sunday	69 PASSENGER Except Sunday
			7.30 PM		WC YST		0.0					9.00 AM	1.55 PM	11.10 PM		5.10 PM	

SEE DULUTH AND SUPERIOR TERMINALS TIME TABLE

			8.00 PM		WY	4.9	..... WEST DULUTH JCT. ....	157.5	L 5	* 9.16 AM					* 5.26 PM
			8.08	Via Superior and 2d District.		31	..... SMITHVILLE .....	154.5	L 8	f 9.23					f 5.32
			8.33			70	..... SHORT LINE PARK .....	151.1	L 11	f 9.32					5.41
			8.48			59	..... BROWNELL .....	146.2	L 10	f 9.43					f 5.52
			8.58			37	..... THOMSON .....	143.1	L 19	f 9.50					5.57
	10.05 AM 01-028		9.00 9.40 024	8.35 PM	WCSY	20.6	N..... CARLTON ..... UN 2nd Dist. and G. N. Cr'g	141.8	80	10.00 620-723	3.00 PM 724	12.40 AM			6.00 PM
	10.30		10.00	8.55		50	..... OTTER CREEK .....	135.6	L 20	* 10.10	* 3.09	* 12.54			
						10	..... ATKINSON .....	134.4	L 28	f	*	f			
	11.00		10.15	9.10		118	D..... MAHTOWA ..... MA 6.0	129.6	L 33	10.20	* 3.17	f 1.08			
	11.35 AM		10.37	9.25		73	D..... BARNUM ..... BM 4.6	123.6	L 39	10.32	* 3.25	f 1.21			
	12.05 PM 12.45 02		10.50	9.50	W	79	N..... MOOSE LAKE ..... MU 5.9	119.0	L 43	10.42	3.30	f 1.32			
	1.20		11.08	10.10		160	D..... STURGEON LAKE ..... SG 4.4	113.1	L 49	10.55	* 3.38	f 1.45			
	1.55		11.16	10.20		102	D..... WILLOW RIVER ..... WR 4.0	108.7	L 54	11.05 721	* 3.43	f 1.54 028			
	2.20		11.34	10.30	W	120	..... RUTLEDGE .....	104.7	L 58	11.14	* 3.48	2.08			
	2.50		11.40	10.45		79	D..... FINLAYSON ..... FY 3.6	99.7	L 62	11.24	* 3.55	f 2.16			
	3.08		11.50	11.00	YW	110	N..... GRONINGEN ..... MR 4.7	96.1	L 66	11.31	* 3.59	2.25			
	3.30		11.58 PM	11.10		106	..... FRIESLAND .....	91.4	L 71	11.45 62	* 4.04	f 2.38			
	3.55 PM 03	7.00 AM	12.10 AM 12.55 028	11.25 PM 12.05 AM 028	WCTY	130	N..... HINCKLEY ..... HN G. N. Ry. 3.2	86.6	L 76	f 11.55 AM 12.05 PM	4.09 723-722	f 2.52 06 3.07			
						10	..... MISSION CREEK .....	83.4	L 79	f	*	f			
		7.20	1.17	12.35		65	..... BEROUN .....	79.6	L 83	f 12.17	* 4.20 64	f 3.22			
		7.42	1.32	12.50	W	82	N..... PINE CITY ..... J 4.3	73.6	L 89	12.28	4.27	3.37			
		8.00	1.53 06	1.05		71	D..... ROCK CREEK ..... RK 5.1	68.8	L 94	12.37	* 4.34	3.48			
		8.20 AM 1.15 PM 722-01-62	2.25	1.41 60	WYS	145	N..... RUSH CITY ..... RC 6.9	63.7	L 99	12.57 721-722	4.42	4.05			
		1.40	2.45	2.01		89	D..... HARRIS ..... HA 5.1	56.8	L 106	1.10	* 4.51	f 4.22 626			
		2.00 2.20	3.00	2.16	W	170	D..... NORTH BRANCH ..... CH 7.9	51.7	L 111	1.20	4.59	f 4.35			
		2.45	3.20	2.32		68	D..... STACY ..... CA 4.2	43.8	L 119	1.36	* 5.10	f 4.54			
5.00 PM		3.05 3.26 64-78	3.30 626	2.42	WY	165	N..... WYOMING ..... WI 4.2	39.6	L 123	1.45	5.16	5.05	7.30 AM		4.45 PM
5.24 63		3.49	3.50	2.55 626		88	D..... FOREST LAKE ..... ST 8.4	35.4	L 127	1.54	* 5.24 725	f 5.14	7.38		4.53
5.50		4.10	4.10	3.20		83	D..... HUGO ..... VN 4.2	27.0	L 135	2.11	* 5.35	f 5.32	7.54		5.09
6.08		4.25	4.25	3.35		139.6	D..... BALD EAGLE ..... JN M. St. P. & S. 1.0 Ste. M. Cr'g	22.8	L 140	2.19	* 5.41	5.42	8.02	7.16 AM 70	5.20
6.08 PM 65		4.30 PM	5.00 AM	3.50 AM	WCST	140.6	N..... WHITE BEAR ..... WB 11.4	21.8	L 141	2.23 PM 75	5.45 PM 65	5.45 AM	8.05 AM	7.19 AM	5.25 PM
		Via St. P. D. 3d St. Jet. 5.30 PM	Via St. P. D. 3d St. Jet. 6.10 AM	Via St. P. D. 3d St. Jet. 5.00 AM		152.0	N..... ST. PAUL ..... SI 10.4	10.4	L 152	Via St. P. D. 2.50 PM	Via St. P. D. 6.10 PM	Via St. P. D. 6.20 AM	Via St. P. D. 8.40 AM		Via St. P. D. 5.55 PM
						162.4	..... MINNEAPOLIS .....	0.0	L 160	Via G. N. Ry 3.30 PM	Via G. N. Ry 6.45 PM	Via G. N. Ry 7.00 AM	Via G. N. Ry 9.20 AM		
Except Sunday	MonWed & Fri	Except Sunday	Daily	Daily			Time Over District Average Speed per Hour			5.05 25.6	2.45 43.6	5.05 23.6	0.35 30.5	0.03 20.0	0.34 30.5

This train loses right and class when 30 minutes or more late.

This Train runs Saturday and Sunday only.

Maximum speed of passenger train is one minute or sixty seconds per mile. This limit must never be exceeded.

REGISTERING STATIONS.—White Bear, Wyoming, Hinckley, Carlton, West Duluth and Bald Eagle, for trains terminating there.  
 BULLETIN STATIONS.—White Bear, Hinckley, Carlton and Duluth.  
 STANDARD CLOCKS.—White Bear, Hinckley, Carlton, Rice's Point, and Chief Dispatcher's Office, Duluth.

All trains between Duluth and West Duluth Jct. will be governed by Duluth and Superior Terminals Time Table.  
 No. 64 will take siding at Beroun for No. 63.  
 See footnotes on page 4.

Nos. 723 and 724 between Carlton and Hinckley and Nos. 721 and 722 between Hinckley and Rush City are Permitted to Carry adult male passengers, when provided with proper transportation from and to points at which these trains stop for other purposes.  
 All trains between White Bear and St. Paul will be governed by St. Paul Division time table and between St. Paul and Minneapolis by Great Northern Railway time table regulations.



EAST BOUND

THIRD DISTRICT

EAST BOUND

FIRST CLASS

TIME TABLE No. 35  
SEPTEMBER 24, 1911.  
Succeeding No. 34.  
STATIONS  
Telegraph Offices and Calls.

2nd Class

THIRD CLASS

78	72	70	68	66	64	62	Water, Coal Service, Table and Wye.	Siding Capacity in Cars.	Distance from Duluth.	Distance from Minneapolis.	Station Numbers	628	624	626	722	724	726
PASSENGER Sat. and Sun.	PASSENGER Daily 9.45 AM	PASSENGER Except Sunday	PASSENGER Except Sunday	PASSENGER Daily 6.30 AM	PASSENGER Daily 6.55 PM	PASSENGER Except Sunday 9.05 PM						FAST FRT Daily 5.30 AM	FREIGHT Daily	FAST FRT Daily	WAY FRT Except Sunday	WAY FRT Tue, Thur, Sat.	WAY FRT Except Sunday
							WG YST		0.0	162.4	WB 71						

SEE DULUTH AND SUPERIOR TERMINALS TIME TABLE

		9.29 AM			1.27 PM	WY	4.9	WEST DULUTH JCT. ....	157.5	L 5	4.46 AM	10.10 PM	11.20 AM			
		9.23 <sup>61</sup>			1.48		31	SMITHVILLE . . . . .	154.5	L 8	4.35	10.00	11.10			
		9.15			1.84		70	SHORT LINE PARK . . . . .	151.1	L 11	4.20	9.45	10.55			
		9.05			1.86		50	BROWNELL . . . . .	146.2	L 16	8.58	9.25	10.35			
		8.57			1.80		37	THOMSON . . . . .	143.1	L 19	8.45	9.10	10.25			
		8.55 AM			1.15	WCSY	20.6	CARLTON . . . . . UN 2nd Dist. and G. N. Cr'g	141.8	86	8.40	9.00 PM <sup>027</sup>	10.20 9.55 <sup>61-723</sup>	2.50 PM <sup>63</sup>		
					1.08		56	OTTER CREEK . . . . .	135.6	L 26	8.16		9.25	2.15		
							10	ATKINSON . . . . .	134.4	L 28						
					12.58		118	MAHTOWA . . . . . MA 6.0	129.6	L 33	8.01		9.10	1.50		
					12.48		73	BARNUM . . . . . BM 4.6	123.6	L 39	8.44		8.50	1.15		
					12.33 <sup>723-724</sup>	W	79	MOOSE LAKE . . . . . MU 5.9	119.0	L 43	8.25		8.30	12.50 <sup>62</sup> 12.28 PM		
					12.21		160	STURGEON LAKE . . . . . SG 4.4	113.1	L 40	8.10		8.08	11.55 AM		
					12.11		102	WILLOW RIVER . . . . . WR 4.0	108.7	L 54	1.54 <sup>85</sup>		7.56	11.15 <sup>61</sup> 10.50		
					12.04 PM	W	120	RUTLEDGE . . . . .	104.7	L 58	1.82		7.45	10.20		
					11.55 AM		79	FINLAYSON . . . . . FY 3.6	99.7	L 62	1.10		7.30	9.55		
					11.50	YW	110	GRONINGEN . . . . . MR 4.7	96.1	L 66	12.55		7.20	9.35 9.25		
					11.45 <sup>61</sup>		106	FRIESLAND . . . . .	91.4	L 71	12.38		7.05	9.10		
					11.35	WCTY	130	HINCKLEY . . . . . HN G. N. Ry. 3.2	86.6	L 76	12.20 12.05 AM 9.25-9.27		6.45 6.15	3.30 PM <sup>63</sup>	8.45 AM	
					11.25		10	MISSION CREEK . . . . .	83.4	L 79						
					11.12		65	BEROUN . . . . .	79.6	L 83	11.47 PM		5.55	2.55		
					11.02	W	82	PINE CITY . . . . . J 4.8	78.6	L 89	11.32		5.40	2.20		
					10.52		71	ROCK CREEK . . . . . RK 5.1	68.8	L 94	11.20		5.20	1.55		
					10.37 <sup>721</sup>	WYS	145	RUSH CITY . . . . . RC 6.9	63.7	L 99	11.05		5.00	1.30 <sup>61</sup> 12.52 <sup>721</sup>		
					10.25		89	HARRIS . . . . . HA 5.1	56.8	L 106	10.47		4.22 <sup>65</sup>	12.25 PM		
					10.12	W	170	NORTH BRANCH . . . . . CH 7.9	51.7	L 111	10.35		4.02	11.55 AM 11.20		
					9.59		68	STACY . . . . . CA 4.2	43.8	L 110	10.15		3.42	10.55		
					9.43	WY	165	WYOMING . . . . . WI 4.2	39.6	L 123	10.05		3.30 <sup>627</sup>	10.40	9.35 AM <sup>62</sup>	
		2.55 PM <sup>721</sup>			9.24		88	FOREST LAKE . . . . . ST 8.4	35.4	L 127	9.55		2.55 <sup>625</sup>	10.10	9.25	
		2.49			9.19		83	HUGO . . . . . VN 4.2	27.0	L 135	9.33		2.25	9.30 <sup>62</sup>	9.05	
		2.34			9.04		139.6	BALD EAGLE . . . . . JN M. St. P. & S. 1.0 Ste. M. Cr'g	22.8	L 140	9.28		2.10	9.00	8.50	
		2.26			9.04		140.6	WHITE BEAR . . . . . WB 11.4	21.8	L 141	9.20 PM		2.05 AM	8.50 AM	8.45 AM	
		2.23 PM <sup>61</sup>			9.04	WCST	152.0	ST. PAUL . . . . . SI 10.4	10.4	L 152	Via St. P. D. 3d St. Jct. 8.10 PM		Via St. P. D. 3d St. Jct. 12.05 AM	Via St. P. D. 3d St. Jct. 7.10 AM		
		1.50 PM			9.04		162.4	MINNEAPOLIS . . . . .	0.0	L 160						
		Sat. and Sun.	Daily	Except Sunday	Except Sunday	Daily	Except Sunday				Daily	Daily	Daily	Except Sunday	Tue, Thur, Sat.	Except Sunday
		0.32 33.3	0.34 27.7	0.03 20.0	0.32 33.3	4.55 24.0	2.46 43.3				7.26 18.2	1.10 13.4	9.15 14.7	6.40 9.7	6.05 9.0	0.50 21.3

This Train runs Saturday and Sunday Only.

This train loses right and class when 30 minutes or more late.

Maximum speed of passenger trains is one minute or sixty seconds per mile. This limit must never be exceeded.

Passenger trains will wait 20 minutes at White Bear for connections. Interlocking switches and signals are located at Bald Eagle, Hinckley and Carlton. Double track switch at West Duluth Junction will be kept set for east bound track. All east bound trains will come to a full stop at double track switch at West Duluth Junction and will know that track is not obstructed by trains crossing over to Grassy Point Line or to Fond du Lac branch.

Third district main line trains will register and receive clearance and orders at West Duluth. On Sundays, Nos. 63 and 64 will stop on flag at Harris and Barnum. No. 61 will wait at Carlton for Second District No. 55. No. 64 will take siding at Beroun for No. 63.

No. 72 will take siding for No. 61. Nos. 69 and 70 lose rights and class when 30 minutes or more late. Nos. 63 and 64 will register at Wyoming by ticket.



WEST BOUND					TAYLORS FALLS BRANCH					EAST BOUND					WEST BOUND					GRANTSBURG BRANCH					EAST BOUND									
THIRD CLASS					FIRST CLASS					FIRST CLASS					THIRD CLASS					SECOND CLASS					SECOND CLASS									
725					79					77					67					726					419					420				
WAY FRT.					PASSENG'R					PASSENG'R					PASSENG'R					WAY FRT.					MIXED					MIXED				
Ex. Sunday					Saturday and Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday				
3 10 PM 725					3 50 PM 78					12 10 PM					6 25 AM					3 00 PM 725					12 01 PM					11 25 AM				
3 15					3 55					12 15					6 35					2 55					12 14					11 05				
3 31 78					4 05					12 28					6 45					2 42					12 21					10 58				
3 42					4 12					12 37					6 53					2 30					12 30					10 53				
4 00					4 19					12 45					7 01					2 15					12 52 PM					10 40 AM				
4 15					4 24					12 51					7 07					2 05														
4 31 79					4 31 725					1 00					7 15					1 50														
4 50 PM					4 45 PM					1 15 PM 725					7 30 AM					1 30 PM 77														
Ex. Sunday					Saturday and Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday					Ex. Sunday				
1 50					0 55					1 05					1 05					1 30														
11.1					22.0					18.9					18.9					13.6					18.4					22.6				

REGISTERING STATIONS—Wyoming and Taylors Falls. Passenger trains will stop on flag at Russell Beach.

REGISTERING STATIONS—Rush City and Grantsburg.  
Branch Trains will protect themselves by flag against Main Line Trains at West "Y" at Rush City.

WEST BOUND						CLOQUET BRANCH						EAST BOUND						West Bound MILLER BRANCH.						East Bound																																																											
SECOND CLASS						FIRST CLASS						FIRST CLASS						SECOND CLASS						THIRD CLASS																																																											
425						423						421						73						71						75						72						74						422						424						426						735						736											
MIXED						MIXED						MIXED						PASSENGER						PASSENGER						PASSENGER						PASSENGER						PASSENGER						MIXED						MIXED						MIXED																							
Ex. Sunday						Ex. Sunday						Ex. Sunday						Sun. Only						Daily						Ex. Sunday						Daily						Ex. Sunday						Daily						Ex. Sunday						Daily						Ex. Sunday						Daily											
3 05 PM						10 00 AM						6 40 AM						7 45 AM						6 05 PM						1 25 PM						8 50 AM						2 40 PM						12 25 PM						5 10 PM						6 50 PM						10 00 AM 735						9 55 AM 735											
3 25						10 20						7 00						7 57						6 17						1 37						8 38						2 28						12 10						4 58						6 37						10 15						9 40											
3 40 PM						10 35 AM						7 30 AM						8 05 AM						6 25 PM						1 45 PM						8 30 AM						2 20 PM						12 00 M						4 50 PM						6 30 PM						10 30 AM						9 25 AM											
Ex. Sunday						Ex. Sunday						Ex. Sunday						Sun. Only						Daily						Ex. Sunday						Daily <td colspan="6">Ex. Sunday</td> <td colspan="6">Ex. Sunday</td> <td colspan="6">Ex. Sunday</td> <td colspan="6">Ex. Sunday</td> <td colspan="6">Daily</td> <td colspan="6">Ex. Sunday</td> <td colspan="6">Daily</td>						Ex. Sunday						Ex. Sunday						Ex. Sunday						Ex. Sunday						Daily						Ex. Sunday						Daily					
0 35						0 35						0 50						0 20						0 20						0 20						0 20						0 25						0 20						0 20						0 20						0 20						0 30						0 30					
11.1						11.1						7.6						19.5						19.5						19.5						19.5						15.6						19.5						19.5						12.0						12.0																	

REGISTERING STATIONS—Carlton and Cloquet.  
BULLETIN STATION AND STANDARD CLOCK—Carlton.  
INTERLOCKING SWITCH AND SIGNAL—Carlton.  
SPECIAL RULE GOVERNING TRAINS ON CLOQUET BRANCH—No. 75 has right over No. 74.

COMMERCIAL SPURS.

FIRST DISTRICT.		SECOND DISTRICT.	
Distance from Ashland.		Distance from Duluth.	
Bellwood.....	40.0 Miles	Zenith Gravel Spur.....	30.2 Miles
		Grass Twine Spur.....	72.6 "
THIRD DISTRICT.		GRANTSBURG BRANCH.	
Distance from Duluth.		Distance from Rush City.	
Power Co. Spur.....	17.0 Miles	Rungren's Spur.....	8.0 Miles
Garen Siding.....	130.7 "	Clayfield.....	9.2 "
		Anderson's Spur.....	15.0 "

DERAILS LAKE SUPERIOR DIVISION.

FIRST DISTRICT.			SECOND DISTRICT.			THIRD DISTRICT.		
Station	Track	Location	Station	Track	Location	Station	Track	Location
Iron River.....	Transfer Track.....	West End.	Sawyer.....	North Passing Track.	East End.	Bald Eagle.....	Wye Track.....	East End.
Pearson.....	Passing Track.....	West End.	Iverson.....	Passing Track.....	East End.	Garen.....	Siding.....	West End.
Maple.....	Passing Track.....	West End.	Iverson.....	Loading Track.....	East End.	Stacy.....	House Track.....	West End.
Wiehe.....	Passing Track.....	East End.				Friesland.....	Loading Track.....	West End.
Poplar.....	Passing Track.....	West End.				Scanlon.....	Transfer Track.....	West End.
Wentworth.....	Passing Track.....	East End.				Brownell.....	Passing Track.....	East End.
Washburn.....	Omaha Transfer.....	East End.				Mile Post 17.....	Spur.....	East End.
						Short Line Park..	Passing Track.....	East End.
						Quarry Track.....	Miller Branch.....	East End.
						Smithville.....	Passing Track.....	East End.



# SPECIAL RULES

No. 1. West-bound freight trains meeting passenger trains at Smithville or Short Line Park will not let off their brakes or start their train until train met has cleared east switch.

No. 2. Rule 288, Book of Rules, is modified to the extent that extra trains may run ahead of third class trains without orders.

No. 3. Engineers will not be required to consult registers except at initial or starting point. See rule 308, Book of Rules.

No. 4. Retainers must be used on grades between Iverson and Central Avenue, Carlton and West Duluth Junction, and other grades where in the judgment of the engineer they are necessary. Conductors are responsible for application of retaining valves on commencement of descent, and for their release at the foot of grade. Such full use of retainers is required as will prevent placing an undue amount of braking on any particular car or

cars, and as will afford full opportunity for engineer to recharge and retain maximum air pressure at all points.

No. 5. Engines backing will not exceed Fifteen (15) miles per hour unless equipped with pilot on rear of tender.

No. 6. To insure personal safety, operators having train orders or messages to deliver to passing trains should stand to the right hand side of train, and avoid standing between tracks, when possible to do so.

No. 7. All East-bound freight trains and light engines approaching Carlton from the West on the Second District will head in on the North Passing track at Carlton.

West-bound trains, switch crews or Branch trains will not use North Passing track without permission from Dispatcher.

## Authorized Surgeons—Lake Superior Division

### LOCATION OF STRETCHERS (S)

DR. W. COURTNEY, Chief Surgeon, Brainerd Hospital.  
 DR. A. W. IDE, Asst. Surgeon, Brainerd Hospital (s).  
 Brainerd Shops (s).  
 DR. P. A. HOFF, 490 Endicott Bldg., St. Paul.  
 DR. C. R. BALL, 592 Endicott Bldg., St. Paul.  
 DR. E. L. MANN, 514 Germania Life Bldg., St. Paul.  
 DR. J. A. QUINN, 302 Pittsburg Bldg., St. Paul.  
 DR. F. J. PLONDKE, Cor. Hope and East 7th Sts. (s), St. Paul.  
 DR. A. W. WHITNEY, Office 936 Payne Ave., Residence  
 673 Burr St., St. Paul.  
 DR. S. M. KIRKWOOD, 1615 Wesley Ave., Hamline.  
 St. Paul 4th. Street Yard Office (s).  
 " Mississippi St. (s).  
 " Como Shops (s).  
 " Fourth Street Freight Station (s).  
 DR. F. L. BECKLEY, Merriam Park.  
 DR. A. A. LAW, 413 Pillsbury Building, Minneapolis.  
 DR. O. S. CHAPMAN, 1123 4th Ave. So., Minneapolis.  
 DR. I. C. McDONALD, 2201 Marshall St., N. E. Minneapolis.  
 E. Minneapolis (s).  
 Minneapolis Car Foreman's Office (s).  
 Minneapolis Northtown Transfer (s).  
 Gloster Shops (s).  
 DR. S. O. FRANCIS, White Bear (s).  
 Wyoming (s).  
 DR. J. A. POIRIER, Forest Lake.

DR. C. A. ANDERSON, Rush City (s).  
 DR. A. M. LEE, Grantsburg, Wis.  
 DR. E. L. STEPHAN, Hinckley (s).  
 DR. S. SHANNON, Barnum, Minn.  
 DR. O. S. WATKINS, Carlton, Minn. (s).  
 DR. J. G. W. HAVENS Cloquet, Minn.  
 DR. C. S. KNOX, East End, Superior.  
 DR. J. C. ADAMS, Superior, East End Station (s).  
 Superior, Freight Station (s).  
 DR. W. H. MAGIE, Duluth.  
 DR. A. J. BRADEN, Duluth.  
 Duluth yard office at Rice's Point (s).  
 Duluth Union Depot (s).  
 Tool Car, Duluth (s).  
 West Duluth (s).  
 DR. M. S. HOSMER, Ashland, Wis. (s).  
 DR. T. R. SPEARS, Washburn, Wis.  
 DR. J. A. PATERSON, Iron River.  
 DR. J. J. RATCLIFFE, Aitkin, Minn. (s).  
 DR. F. H. ALLEN, Staples (s).  
 DR. C. E. LUM, Oculist and Aurist, Duluth, Minn.  
 DR. J. W. CHAMBERLIN, Oculist, 307 Lowry Annex, St. Paul.  
 DR. L. A. NELSON, Oculist, 307 Lowry Annex, St. Paul.

### NOTES.

**SURGEONS** will attend, when called upon officially, to all cases of accident occurring to employes or passengers. In cases of sickness it is the intention to limit medical service to the locality or town where a surgeon resides, unless some urgent necessity exists, for which distinct official authority must be had in accordance with established regulations

**RAILWAY OFFICIALS** are required to call on the nearest authorized surgeons whenever practicable, when surgical or medical services are needed. When such are accessible, the Association will not be responsible for bills for medical services rendered by any other physician. In the event of a sudden emergency, arising from accident, if necessary proper surgical aid

should be procured until the arrival of a regularly appointed surgeon, when the case should be placed in his charge, and in no case should the service of any but an authorized company surgeon be continued at the expense of the Railway Company or of the Association after such surgeon is able to assume charge of the case.

**BOARDING AND NURSING** are furnished only at our own hospital. We are not responsible for bills incurred elsewhere unless specially authorized or approved by the Chief Surgeon, and then only in critical cases of injury or illness occurring in the discharge of duty.

## TONNAGE RATING FREIGHT ENGINES.

GRADES.	CLASS OF ENGINES.									
	C 20		E 3 D 2-3		D 5 and S 10		R & P 3		T	
Maximum Train Limit. ....	50	Cars	65	Cars	70	Cars	75	Cars	80	Cars
West Bound. ....	Tons	Cars	Tons	Cars	Tons	Cars	Tons	Cars	Tons	Cars
Ashland to Iron River.....	450	10	610	14	720	16	900	20		
Iron River to Central Ave. .	550	13	700	16	800	18	1000	23		
Duluth to Sawyer, 2nd Dist.	500	12	700	16	800	18	1000	23	1150	28
Sawyer to Brainerd.....	1000	23	1400	32	1600	36	2000	45	2300	52
Brainerd to Staples.....	1200	28	1800	41	2000	45	2300	52	2600	58
Duluth to Carlton, 3rd Dist.	300	7	500	11	600	14	800	18	950	21
Carlton to Hinckley.....	1300	30	1500	34	1700	39	2000	45	2300	52
Hinckley to White Bear....	1400	32	1600	36	2000	45	2300	52	2600	58
East Bound.										
Staples to Duluth.....	1350	28	1750	36	2000	42	2200	47	2650	56
Central Ave to Iron River. .	480	11	650	15	750	17	950	22		
Iron River to Ashland.....	650	15	840	19	940	21	1150	27		
White Bear to Hinckley....	1300	32	1700	41	1900	46	2200	53	2500	60
Hinckley to Groningen.....	1000	25	1400	34	1450	35	1750	43	2050	50
Groningen to Duluth.....	1300	32	1700	41	1900	46	2200	53	2500	60

Above rating is based on trains consisting of loads only and rating is calculated for an average speed of ten miles per hour.

For each car added to number specified above, deduct ten tons from rating of engine; for each car less than number specified above, add ten tons to rating of engine.

West bound trains with two engines will not handle more tonnage than the combined rating of both engines.

In figuring tonnage of the car, less than 1,000 pounds will not be counted; one thousand pounds or more will be counted one ton.

To secure full tonnage rating a fraction of weight of car more than rating must be counted rather than a fraction less.

Train dispatcher will determine rate to be handled when reduction is necessary account of weather condition, except that for temperature alone the following rule will be applied by all concerned:

Reduce rating—5% between 30 above and 20 above; 10% between 20 and 10 above zero; 15% between 10 above and 10 below zero; 25% when temperature is below 10 below zero.

When engines are unable to haul the rating, engineers will designate to conductors the number of tons to be reduced and will wire the Superintendent why the reduction is necessary. It must be distinctly understood that the responsibility for reducing train below rating of engine must be assumed by the engineer and not by the conductor.

This rating is made to govern ruling grades only, and will in no manner interfere with the handling of additional tonnage where the grades will permit.

The above rating includes helper from Carlton to Brownell and from Carlton to three miles west of Carlton on 3rd District.

In making up or filling out trains the following rules will be followed as far as practicable:

Solid trains of loads or solid trains of empties.  
 Where trains consist of both loads and empties, loads in the middle with empties divided between the head and rear end of trains.

Maximum tonnage per local freight trains will be 200 tons less than tonnage for through freights. Tonnage for fast freights will be regulated by bulletin.

W. H. STRACHAN,  
Asst. Superintendent.

L. F. NEWTON,  
Train Master.  
First and Second Districts.

T. B. QUINN,  
Trainmaster.  
Third District.

F. E. POTTER,  
Chief Dispatcher.



