

GREAT NORTHERN RAILWAY LINE

SPOKANE FALLS & NORTHERN RAILWAY

TIME TABLE No. 20.

TO TAKE EFFECT AT TWELVE-ONE (12:01) A. M.

SUNDAY, DECEMBER 10, 1905.

THIS TIME TABLE IS FOR USE OF EMPLOYEES ONLY.

DESTROY ALL PREVIOUS TIME TABLES.

R. C. MORGAN, Superintendent.

H. A. KENNEDY, Vice-President.

GEO. T. SLADE, General Superintendent.

F. E. WARD, General Manager.

2

NORTH BOUND.

FIRST DISTRICT—Spokane to Marcus.

SOUTH BOUND.

THIRD CLASS.		FIRST CLASS.		Car Capacity of Sidings	Distance from Spokane	TIME TABLE No. 20.		Distance from Marcus	Water, Coal, Seals, Tables and Wyes	FIRST CLASS.		THIRD CLASS.	
702			256			IN EFFECT 12:01 A. M., SUNDAY, DECEMBER 10, 1905.	255				701		
Freight			Passenger			STATIONS.				Passenger		Freight	
Leave Daily			Leave Daily							Arrive Daily		Arrive Daily	
			9.45AM			DN-R.....SPOKANE.....F	101.2	W	5.45PM				
2.00AM			10.00		4.7	DN-R.....HILLYARD.....SQ	96.5	WCTO	5.30				3.00PM
TRAINS BETWEEN SPOKANE AND COLBERT WILL BE GOVERNED BY SPOKANE DIVISION TIME TABLE.													
2.40			10.20		13.8	DN-R.....COLBERT.....SF	87.4	W	5.10				2.00
3.00			10.33	22	17.6	.....WAYSIDE.....	83.6		4.58				1.20
3.25			10.46	18	22.7	.....PRATT.....	78.5		4.46				12.50
4.00			10.58	33	26.5	D.....DEER PARK.....DE	74.7	W	4.38				12.25
4.25			11.11	32	31.6	D.....CLAYTON.....CN	69.6		4.25				12.10PM
5.10			11.34 701	90	38.4	D.....LOON LAKE.....AK	62.8	WY	4.07				11.34 256
5.50			11.52	23	46.5	D.....SPRINGDALE.....SY	54.7	W	3.41				10.10
6.15			12.03PM	35	52.0	.....GRAYS.....	49.2		3.27				9.40
6.35			12.15	22	56.5	D.....VALLEY.....VY	44.7		3.13				9.15
7.00 701			12.31	64	64.0	D.....CHEWELAH.....CH	37.2	C	2.59				8.45 702
8.05			12.54	21	73.2	D.....ADDY.....AD	28.0	W	2.37				7.30
8.55			1.11	14	80.5	.....ARDEN.....	20.7		2.19				6.30
9.30			1.27	30	87.1	D.....COLVILLE.....VD	14.1	W	2.05				5.55
10.00			1.46 256	68	95.7	D.....MEYERS FALLS.....MF	5.5		1.46 256				5.25
10.50			2.00PM	180	101.2	DN-R.....MARCUS.....MS	0.0	WY	1.25PM				4.50
11.30AM													4.00AM
Arrive Daily			Arrive Daily							Leave Daily		Leave Daily	
702			256							255		701	
9.30			4.15			Time Over District				4.20		11.0	
10.2			23.8			Average Speed Per Hour				23.3		8.7	

North Bound Trains are Superior to South Bound Trains of the Same Class.

SPECIAL RULES, FIRST DISTRICT

1. S. F. & N. train and engine crews must provide themselves with current Time Table Spokane Division, G. N. Ry., and be governed by same and Spokane Division bulletins and special instructions while using G. N. Ry. tracks between Spokane and Colbert.

2. Trains will date from time due to leave terminals. Colbert and Ferry will be considered terminals for trains 255 and 256; Colbert and Marcus, terminals for trains 701 and 702.

3. All conductors and enginemen of light engines must register at Colbert and Marcus.

4. Trains will be governed by Pacific Standard Time. Clocks regulated to Standard Time are located in telegraph offices at Spokane, Hillyard and Marcus.

5. All south-bound trains must approach Colbert under full control, expecting to find S. F. & N. Main Line occupied, and must know the way is clear before entering upon G. N. Ry. Main Line.

6. South wye switch at Marcus will be known as "W. & G. N. Ry. Junction" and must be left set and locked for S. F. & N. Ry. Main Line.

7. All trains must be handled under absolute control passing through yard limits at Marcus. (See Rule 69.) All north-bound trains, except first class trains, must come to full stop not less than 300 and not more than 800 feet south of W. & G. N. Ry. Junction, and must know way is clear before proceeding.

8. All north-bound trains will be required to make service test of air brakes at Meyers Falls before descending Marcus hill.

9. Bulletin books are located at Spokane, Hillyard, Colbert and Marcus.

WATER ONE AND ONE-HALF MILES SOUTH OF VALLEY.

NORTH BOUND				SECOND DISTRICT—Marcus to Ferry										SOUTH BOUND				3						
THIRD CLASS.				FIRST CLASS				Car Capacity of Sidings	Distance from Marcus	TIME TABLE No. 20				Distance from Ferry	Water, Coal, Scales, Tables and Wyes	FIRST CLASS				THIRD CLASS				
706	708	710				256	IN EFFECT 12:01 A. M.						255							707	705	709		
Freight	Freight	Freight				Passenger	SUNDAY, DECEMBER 10, 1905						Passenger							Freight	Freight	Freight		
Leave Daily	Leave Daily	Leave Daily				Leave Daily	STATIONS						Arrive Daily					Arrive Daily	Arrive Daily	Arrive Daily				
2.00 PM						2.20 PM	180		DN-R	MARCUS	MS	66.8	WY	1.15 PM						9.45 PM				
2.32						2.32	45	5.3		BOYDS		61.5		1.02						9.15				
2.57						2.43	45	10.2		BARSTOW		56.6		12.50						8.55				
3.27						2.55	45	15.4		DULWICH		51.4	W	12.39						8.40				
3.35						2.59	12	16.8		ORIENT		50.0		12.34						8.30				
4.00						3.12	45	21.5		HUGHES		45.3		12.24						8.10				
4.55						3.25 3.45	130	27.4	D	LAURIER	BD	39.4	W	12.10 PM						7.50				
5.17						4.00	45	33.4		RIDEAU, B. C.		33.4		11.50						7.25				
5.42						4.15	25	40.3	R	GRAND FORKS JCT		26.5	YO	11.34						7.05				
						4.25 4.35	Yard	41.8	D-R	GRAND FORKS	GF	28.0		11.30 11.15				10.00 AM	7.00 PM					
	10.20 AM					4.39			R	GRAND FORKS JUNCTION				11.10										
	10.23					4.45	127	41.8	D	DANVILLE, WASH.	CO	25.0	W	11.07				9.52						
	10.33					4.57	45	45.9		HURLBURT		20.9		10.47 708				9.49						
	10.47 255					5.10	60	52.2	D-R	CURLEW	W	14.6	WY	10.32				9.38						
	11.05 AM	11.10 AM				5.21	45	58.1		PAXSON		8.7		10.20				9.20 AM		4.45 PM				
		11.30				5.30	45	62.2		TORODA		4.6		10.09						4.27				
		11.48				5.40 PM	148	66.8	D-R	FERRY				10.00 AM						4.12				
		12.01 PM																		4.00 PM				
Arrive Daily	Arrive Daily	Arrive Daily				Arrive Daily								Leave Daily				Leave Daily	Leave Daily	Leave Daily				
706	708	710				256								255				707	705	709				
3.45 11.1						3.20 20.			Time Over District Average Speed Per Hour					3.15 20.5					2.45 15.2					

North Bound Trains are Superior to South Bound Trains of the Same Class.

SPECIAL RULES, SECOND DISTRICT

1. Trains will date from time due to leave terminals. Colbert and Ferry will be considered terminals for trains 255 and 256. Marcus and Grand Forks terminals for trains 705 and 706. Grand Forks and Curlew terminals for trains 707 and 708. Curlew and Ferry terminals for trains 709 and 710.

2. All conductors and enginemen of light engines must register at Marcus, Grand Forks Junction, Grand Forks, Curlew and Ferry.

3. Trains will be governed by Pacific Standard Time. Clocks regulated to Standard Time are located in telegraph offices at Marcus and Grand Forks.

4. South wye switch at Marcus will be known as "W. & G. N. Ry. Junction." All switches in S. F. & N. main track at Marcus must be left set and locked for S. F. & N. Ry. main line. Tail track switch in wye at Marcus must be left set and locked for south leg of wye.

5. Wye switches Grand Forks Jct. will be kept set and locked for Marcus-Phoenix main line.

6. Second District train and enginemen must know way is clear before entering upon S. F. & N. Ry. main line. S. F. & N. main line south of W. & G. N. Ry. Junction switch may be used ONLY under protection of flag. (See Rules 57 and 59.)

7. Siding back of Marcus passenger depot must be left clear for passenger trains.

8. No train will leave Customs Ports at Laurier and Danville until conductor has reported to and received clearance from Customs Officer. Conductor will report to such officer upon arrival at these ports.

9. Bulletin books are located at Marcus and Ferry.

10. Trains will reduce speed to eight (8) miles per hour crossing Columbia River bridge.

11. All trains must come to full stop at Kettle Valley crossing at Grand Forks, send flagman ahead before crossing.

NORTH BOUND

THIRD DISTRICT—Marcus to Nelson

SOUTH BOUND

THIRD CLASS			FIRST CLASS				Car Capacity of Sidings	Distance from Marcus	TIME TABLE No. 20			Distance from Nelson	Water, Coal, Scales, Tables and Wyes	FIRST CLASS.				THIRD CLASS.	
704				257	262	261			258					703					
Freight				Passenger	Passenger	Passenger			Passenger					Freight					
Leave Mon. Wed. Fri.				Leave Daily	Leave Daily	Arrive Daily			Arrive Daily					Arrive Tues. Thurs. Sat.					
261 1.10 PM					2.15 PM	180		DN-R.....	MARCUS.....	MS	98.8	WY	704 1.10 PM					5.00 PM	
1.40					2.36	61	8.5		8.5	BOSSBURG.....	90.3		12.52					4.30	
1.55					2.46	13	13.6		5.1	WILLIAMS.....	85.2		12.41					4.10	
262 P 2.58					P704 2.58	37	19.2		5.6	MARBLE.....	79.6		12.31					3.57	
3.23					11.42 AM		27.6		8.4	RED MOUNTAIN JUNCTION.....	71.2	Y	12.11	3.43 PM				3.27	
3.25 4.00					11.45 AM	130	28.2		0.6	NORTHPORT.....	70.6	WCOY	12.10 PM 11.59	3.40 PM				3.25 262 1.15	
5.00					3.50 4.00	16	39.1		10.9	WANETA.....	59.7		11.38					12.35	
5.25					4.08	12	43.0		3.9	SAYWARD.....	55.8		11.28					12.20	
6.00					4.20	20	48.3		5.3	BEAVER.....	50.5	W	11.15					12.00 M	
6.30					4.45	15	60.8		12.5	ERIE.....	38.0		10.50					11.28	
6.40					4.52	20	63.6		2.8	SALMO.....	35.2		10.41					11.08	
7.30					5.10	15	71.2		7.6	YMIR.....	27.6	W	P703 10.26					261 P 10.26	
8.15					5.29	19	78.4		7.2	HALL.....	20.4		10.10					9.30	
8.40					5.38	20	81.7		3.3	SUMMIT.....	17.1	Y	10.04					9.15	
9.20					6.00	30	88.4		6.7	MOUNTAIN.....	10.4	W	9.40					8.15	
9.45					6.20	40	93.3		4.9	TROUP JUNCTION.....	5.5	Y	9.20					7.15	
Via C. P. R. 10.10 PM					Via C. P. R. 6.40 PM		98.8		5.5	NELSON.....		WCTO	Via C. P. R. 9.05 AM					Via C. P. R. 6.45 AM	
Arrive Mon. Wed. Fri.					Arrive Daily								Leave Daily	Leave Daily				Leave Tues. Thurs. Sat.	
704					257	262							261	258				703	
9.00 10.9					4.25 21.3								4.05 22.5					10.15 9.9	
										Time Over District. Average Speed Per Hour.									

NORTH BOUND.				FOURTH DISTRICT—Curlew to Republic										SOUTH BOUND.				5					
THIRD CLASS		SECOND CLASS		FIRST CLASS				Car Capacity of Sidings	Distance from Curlew	TIME TABLE NO. 20				Distance from Republic	Water, Coal Scales, Tables and Wyes	FIRST CLASS				SECOND CLASS		THIRD CLASS	
		386								IN EFFECT 12:01 A. M.										385			
		Mixed								SUNDAY, DECEMBER 10, 1905.										Mixed			
		Leave Daily								STATIONS										Arrive Daily			
			5.15PM				60		D-R.....CURLEW.....W	21.2	WY					9.00AM							
			5.27					5.0	.....R. & G. F. RY. CROSSING.....	16.2						8.47						
		f	5.29				45	5.4	.....MALO.....	15.8						f 8.46						
		f	5.46				45	12.7	.....POLLARD.....	8.5	W					f 8.25						
		f	5.57				45	16.2	.....TORBOY.....	5.0						f 8.14						
			6.15PM				90	21.2	D-R.....REPUBLIC.....Z		CWY					8.00AM							
			Daily Arrive													Leave Daily							
			386													385							
			1.00													1.00							
			21.2													21.2							
Time Over District Average Speed Per Hour																							

North Bound Trains are Superior to South Bound Trains of the Same Class.

SPECIAL RULES, FOURTH DISTRICT

1. Trains will date from time due to leave terminals. Curlew and Republic will be considered terminals for trains 385 and 386.
2. All conductors and engineers of light engines will register at Curlew and Republic.
3. Trains will be governed by Pacific Standard Time. Clocks regulated to standard time will be located at Republic.
4. All trains must come to a full stop at Kettle Valley crossing near Malo.

NORTH BOUND.						FIFTH DISTRICT—Northport to Rossland.										SOUTH BOUND.					
THIRD CLASS.		SECOND CLASS.		FIRST CLASS.			Car Capacity of Sidings.	Distance from Northport.	TIME TABLE No. 20.			Distance from Rossland.	Water, Coal Scales, Tables and Wyes.	FIRST CLASS.			SECOND CLASS.		THIRD CLASS.		
703					261	258			IN EFFECT 12:01 A. M.					257	262				704		
Freight					Passenger	Passenger			SUNDAY, DECEMBER 10, 1905.					Passenger	Passenger					Freight	
Leave Tues., Thurs. Sat.					Leave Daily	Leave Daily			STATIONS.					Arrive Daily	Arrive Daily					Arrive Mon. Wed., Fri.	
3.25PM					12.10PM	3.40PM	180		D-R	NORTHPORT	NP	17.3	WCOY	11.45AM	3.15PM			3.25PM			
3.27PM					12.11PM	3.43		0.6		RED MOUNTAIN JUNCTION		16.7	Y	11.42	3.13PM			3.23PM			
					4.13		12	7.0		VELVET		10.3		11.18							
					4.24		26	8.4	D	PATERSON	KN	8.9	Y	11.15							
					4.49			13.2		SILICA		4.1		11.00							
					5.15PM		75	17.3	D-R	ROSSLAND	RO		WY	10.45AM							
Arrive Tues., Thurs. Sat.					Arrive Daily	Arrive Daily								Leave Daily	Leave Daily			Leave Mon. Wed., Fri.			
703					261	258								257	262			704			
						1.35								1.00							
						11.5								17.3							
Time over District Average Speed Per Hour																					

North Bound Trains are Superior to South Bound Trains of the Same Class.

SPECIAL RULES, FIFTH DISTRICT

1. Trains will date from time due to leave terminals. Northport and Rossland terminals for trains 257 and 258.
2. All conductors and engineers of light engines will register at Northport and Rossland.
3. Trains will be governed by Pacific Standard time. Clocks regulated to standard time will be located at Northport.
4. No train will leave Customs Paterson until conductor has reported to and received clearance from Customs Officer.
5. All south-bound trains must make service test of all brakes before leaving Rossland.
6. All Fifth District trains will protect against Third District trains at all times between Northport Depot and Red Mountain Junction.
7. All south-bound freight trains on Fifth District will come to full stop two hundred (200) feet north of Columbia River bridge and will then proceed over bridge at a speed not to exceed four (4) miles per hour.
8. The switches at Red Mountain Junction will be left set and locked for S. F. & N. Main Line.
9. Trains down grade between Rossland and Northport must keep at least twenty-five (25) minutes apart and operators will block trains as provided by this rule.

WATER ONE MILE SOUTH OF VELVET.

GOING NORTH

STATIONS	Rolling Grade	19x32 200 lbs. G-3 720-727	19x26 180 lbs. D-5 F-1 454-471 500-565	19x24 180 lbs. Eng. 9	19x24 180 lbs. D-4 Engs. 11-12	19x24 160 lbs. Engs. 8-10	18x24 145 lbs. Eng. 1-3	18x24 160 lbs. Eng. 7	17x24 145 lbs. Eng. 5-6
Colbert to Loon Lake	1.0	1000	700	768	620	569	440	386	336
Loon Lake to Meyers Falls	1.0	1580	1150	1250	1050	975	800	700	600
Meyers Falls to Marcus	Down								
Marcus to Marble	1.0	1175	775	900	750	650	525	450	400
Marble to Northport	Down								
Northport to Waneta	1.0		775	800	685	650	500	400	375
Waneta to Summit	1.6		500	502	400	360	290	250	215
Summit to Troup Jct.	Down								
Northport to Rossland	3.5		190	207	156	141	120	87	69
Marcus to Curlew	0.8	1500	1100	1400	1030	920	875	715	542
Curlew to Republic	1.5	875	520	540	440	420	320	275	222
Curlew to Ferry	0.6	1500	1100	1400	1030	920	875	715	542
Grand Forks to Phoenix	3.0	340	240	270	200	190	140	120	85

NOTE: Trains descending Rossland Hill will be limited to 30 cars of ore per train.
On all grades five tons added to each empty car when train exceeds 20 cars.

GOING SOUTH

STATIONS	Rolling Grade	19x32 200 lbs. G-3 720-727	19x26 180 lbs. D-5 F-1 454-471 500-565	19x24 180 lbs. Eng. 9	19x24 180 lbs. D-4 Engs. 11-12	19x24 160 lbs. Engs. 8-10	18x24 145 lbs. Engs. 1-4	18x24 160 lbs. Eng. 7	17x24 145 lbs. Engs. 5-6
Nelson to Troup Jct.	Down								
Troup Jct. to Summit	2.5		300	327	256	226	171	157	129
Summit to Salmo	Down								
Salmo to Erie	1.5		500	580	466	416	321	277	234
Erie to Northport	Down								
Northport to Marcus	1.0	1000	725	817	650	610	460	400	350
Marcus to Meyers Falls	2.0	500	380	450	336	300	230	200	175
Meyers Falls to Valley	1.0	1328	950	1020	870	756	620	580	463
Valley to Loon Lake	1.0	1000	700	760	620	570	440	386	336
Loon Lake to Wayside	Down								
Wayside to Hillyard	1.0	1200	850	917	760	725	580	500	457
Rossland to Northport	Down								
Republic to Marcus	Down								
Phoenix to Grand Forks	Down								
Ferry to Curlew	Down								

LIST OF SPURS THAT DO NOT APPEAR ON TIME TABLE

NAME	BETWEEN	CAR CAPACITY	OPENS
Buckeye	Colbert and Wayside	26	North
Darts	Wayside and Pratt	13	Siding
Olson's	Deer Park and Clayton	9	South
Christianson	Deer Park and Clayton	29	Siding
Summit	Clayton and Loon Lake	7	South
Ice House Spur, No. 1	Clayton and Loon Lake	22	South
Ice House Spur, No. 2	Clayton and Loon Lake	19	South
Denton	Loon Lake and Springdale	3	South
Lime Spur, No. 1	Loon Lake and Springdale	7	South
Lime Spur, No. 2	Loon Lake and Springdale	4	South
Cline	Springdale and Grays	25	Siding
Dehlborn Spur	Gray's and Valley	8	South
Kulzer's	Gray's and Valley	9	North
Chewelah Mill Spur	Valley and Chewelah	10	North
Blue Creek	Chewelah and Addy	7	South
Elkhorn	Chewelah and Addy	6	South
Spencer	At Arden	7	South
Kiel	Arden and Colville	12	Siding
Palmer's	Colville and Meyers Falls	4	North
Evans	Marcus and Bossburg	14	South
Little Dalles	Marble and Northport	6	Siding
Kane	Marble and Northport	10	North
Hudson	Marble and Northport	28	Siding
Rush	Northport and Boundary	6	South
Meadows	Beaver and Erie	3	South
Kootenay Shingle Co.	Erie and Salmo	28	North
Hunter "V"	Salmo and Ymir	16	South
Tamarack	Ymir and Halls	5	North
Porto Rico	Ymir and Halls	3	North
Stone	Northport and Velvet	6	South
Godfrey	Marcus and Boyds	6	South
Lambert	Malo and Pollard	4	South
California	Torboy and Republic	7	North

SURGICAL DEPARTMENT RULES AND LIST OF COMPANY SURGEONS

Every Conductor, Foreman, Yardmaster or other employe in authority, under whose immediate jurisdiction any person sustains an injury, will send a telegram addressed to the Superintendent, Spokane, stating briefly, nature, extent and cause of injury, including name and address of person injured, and will afterwards make out one copy of Form 104 or 245, giving full particulars.

All Employes who are witnesses of the accident are required to fill out Form 104 or 245 and mail at once to the Superintendent at Spokane.

If injury is caused by cars, engines or machinery, have the same carefully inspected, and state defects, if any, fully and specifically. Give the names of all witnesses to the injury, and their addresses.

In urgent cases, the employe in authority may call upon the nearest Agent to obtain competent surgical aid, if the accident occurs at a point not provided with a local surgeon. The Company's regularly appointed surgeon should be secured where practicable.

It is the duty of employes in authority, or agents, to see that trespassers injured are turned over to the public authorities, without incurring any liability on behalf of the Company.

DR. G. S. ARMSTRONG, Surgeon; Office, Lindelle Block, Cor. Washington and Riverside	-	-	-	-	-	-	-	-	-	Spokane, Wash.
DR. R. L. THOMPSON, Oculist; Office, Traders Block	-	-	-	-	-	-	-	-	-	Spokane, Wash.
DR. J. FARROW, Surgeon	-	-	-	-	-	-	-	-	-	Hillyard, Wash.
DR. L. B. HARVEY, Surgeon	-	-	-	-	-	-	-	-	-	Colville, Wash.
DR. GEO. H. WELLS, Surgeon	-	-	-	-	-	-	-	-	-	Northport, Wash.
DR. J. T. MCKENZIE, Surgeon	-	-	-	-	-	-	-	-	-	Rossland, B. C.
DR. D. LABAU, Surgeon	-	-	-	-	-	-	-	-	-	Nelson, B. C.
DR. S. H. MANLY, Surgeon	-	-	-	-	-	-	-	-	-	Republic, Wash.
DR. C. M. KINGSTON, Surgeon	-	-	-	-	-	-	-	-	-	Grand Forks, B. C.

TIME INSPECTORS.

GEO. H. DOERR	-	-	-	-	-	-	-	-	-	Spokane, Wash.
F. B. ROBINSON	-	-	-	-	-	-	-	-	-	Northport, Wash.
A. D. MORRISON	-	-	-	-	-	-	-	-	-	Grand Forks, B. C.

E. E. LILLIE, Chief Dispatcher.
M. H. MURTHA, Trainmaster.