

UNION PACIFIC SYSTEM

OREGON-WASHINGTON RAILROAD & NAVIGATION COMPANY

Third Division

EMPLOYEES' TIME TABLE



To Take Effect Sunday, June 22, 1924

at 12:01 A. M. "Pacific Time"

For the Government and Information of Employees Only, and not intended for the use of the public.
The Right is Reserved to vary from this Time Table at pleasure.

File G.

J. P. O'BRIEN,
GENERAL MANAGER.

F. N. FINCH,
GENERAL SUPERINTENDENT.

THIRD DIVISION

W. CONNOLLY,
Superintendent, SPOKANE, WASHINGTON.

A. G. KAMM,
ASSISTANT SUPERINTENDENT, Walla Walla, Washington

R. O. COWLING,
ASSISTANT SUPERINTENDENT, Spokane, Washington

J. S. ELLISON,
CHIEF DISPATCHER, Spokane, Washington

L. L. WYCKOFF,
DISPATCHER, Spokane, Washington

J. A. GARRETT,
DISPATCHER, Spokane, Washington

J. A. WALSH,
DISPATCHER, Spokane, Washington

P. H. WALSH,
DISPATCHER, Spokane, Washington

F. R. BROOKS,
DISPATCHER, Spokane, Washington

L. L. GRAUL,
DISPATCHER, Spokane, Washington

C. E. HABIGER,
DISPATCHER, Spokane, Washington

J. W. EGAN,
DISPATCHER, Spokane, Washington

J. E. WOOD,
DISPATCHER, Spokane, Washington

C. D. BROWN,
DISPATCHER, Spokane, Washington

MILEAGE

FIRST DIVISION	Main Line	381.82		
	Branches		411.22	
	Total			793.04
SECOND DIVISION	Main Line	233.26		
	Branches		97.84	
	Total			331.10
THIRD DIVISION	Main Line	186.17		
	Branches		747.78	
	Total			933.95
	Total Main Line	801.25		
	Total Branches		1256.84	
	Total			2058.09

Time per Mile	Miles per Hour
51"	70.6
52"	69.2
53"	67.9
54"	66.6
55"	65.4
56"	64.2
57"	63.1
58"	62
59"	61
1'	60
1' 1"	59
1' 2"	58
1' 3"	57.1
1' 4"	56.2
1' 5"	55.3
1' 6"	54.5
1' 7"	53.7
1' 8"	52.9
1' 9"	52.1
1' 10"	51.4
1' 12"	50
1' 15"	48
1' 20"	45
1' 25"	42.3
1' 30"	40
1' 40"	36
1' 45"	34.3
1' 50"	32.7
2'	30
2' 10"	27.6
2' 15"	26.6
2' 20"	25.7
2' 30"	24
2' 40"	22.5
2' 45"	21.8
2' 50"	21.2
3'	20
3' 9"	19
3' 20"	18
3' 31"	17
3' 45"	16
4'	15
5'	12
6'	10
7' 30"	8
10'	6

CONDENSED TIME TABLE

WESTWARD—Huntington and Portland—EASTWARD

SECOND CLASS				FIRST CLASS							Distance from Huntington	Time Table No. 22 June 22, 1924	Distance from Portland	FIRST CLASS						SECOND CLASS	
255	5	25	23	1	17	11	2	18	26	12				6	24	256	Time Freight				
Time Freight	Mail	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Express	Passenger	Time Freight	Time Freight							
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily							
4.20AM	6.34PM	6.10PM	2.55PM			4.00AM															
1.00PM	9.25PM	9.55PM	6.55PM			7.55AM															
	12.05AM	1.05AM	10.15PM	8.55AM	11.10AM																
8.45PM																					
			12.35AM	10.35AM		2.15AM															
10.40AM	4.00AM	5.30AM	4.15AM	2.25PM	3.25PM	4.55AM															
	6.30AM	8.30AM	7.15AM	5.45PM	6.15PM	7.30AM															
6.20PM																					
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily															
(38.00) 10.4	(11.56) 32.6	(14.20) 27.2	(16.20) 23.8	(8.50) 25.5	(14.15) 27.3	(5.15) 34.8															
							Time														
							Average Speed per Hour														

WESTWARD—Seattle and Portland—EASTWARD

SECOND CLASS				FIRST CLASS				Distance from Seattle	Time Table No. 22 June 22, 1924	Distance from Portland	FIRST CLASS				SECOND CLASS	
691				563	561	562	564				692	Time Freight				
Time Freight				Passenger	Passenger	Passenger	Passenger	Time Freight	Time Freight							
Leave Daily				Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily							
				11.15PM	3.30PM											
6.30PM																
8.30PM				12.40AM	4.55PM											
12.05AM				2.30AM	6.50PM											
7.35AM																
				6.15AM	10.10PM											
Arrive Daily				Arrive Daily	Arrive Daily											
(13.05) 13.6				(7.00) 26.2	(6.40) 27.7			(6.40) 27.5	(7.15) 25.2							
				Time												
				Average Speed per Hour												

WESTWARD—Spokane—Umatilla—Pendleton—EASTWARD

SECOND CLASS				FIRST CLASS				Distance from Spokane	Time Table No. 22 June 22, 1924	Distance from Pendleton— Umatilla	FIRST CLASS				SECOND CLASS	
253				11	75	77	1				12	76	78	2	254	Time Freight
Time Freight				Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Time Freight	Time Freight			
Leave Daily				Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
6.00PM				9.10PM	4.40PM	7.10AM										
					10.05PM	12.20PM										
1.00AM				11.42PM	10.45PM											
5.30AM				1.20AM	12.30AM	2.45AM										
8.00AM				2.10AM												
					12.45PM											
					1.05PM											
					4.15AM	3.00PM	7.15AM									
						4.55PM	8.50AM									
Arrive Daily				Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily									
(14.00) 18.2				(5.00) 36.9	(11.35) 26.7	(9.45) 25.8	(1.35) 29.6									
				Time												
				Average Speed per Hour												

WESTWARD—SEVENTH SUB-DIVISION—Spokane and Umatilla—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS						Distance from Spokane	Time Table No. 22 June 22, 1924	Distance from Portland	FIRST CLASS						SECOND CLASS		
	253	261	367	51	47	17	11	75	15				12	18	76	16	52	48	254	368	
	Time Freight	Time Freight	Freight	Passenger	Passenger	C.M.&St.P. Passenger	Passenger	Passenger	C.M.&St.P. Passenger				Passenger	C.M.&St.P. Passenger	Passenger	C.M.&St.P. Passenger	Passenger	Passenger	Time Freight	Freight	
Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily				
OWFTP	6.00PM					11.45PM	9.10PM		8.30AM	0.0	DN-R SPOKANE	367.5	6.55AM	7.40AM		8.00PM		3.30AM			
2690 P	6.15					11.57PM	9.20		8.42	5.3	5.3 COWLES	362.2	6.42	7.27		7.47		3.00			
2720 P	6.25					12.08AM	9.27		8.51	9.5	4.2 MARSHALL	358.0	6.34	7.18		7.38		2.30			
3420 WP	6.45					12.25	9.40		9.05	16.8	7.3 DN CHENEY	350.7	6.23	7.05		7.25		1.45			
2683 P	6.57					12.35	9.46		9.14	22.0	5.2 GEIB	345.5	6.14	6.53		7.13		1.10			
2680 P	7.05					12.43	9.51		9.22	27.0	5.0 MASON	340.5	6.05	6.45		7.05		12.43AM			
2755 WP	7.30					12.55	10.00		9.32	34.4	7.4 CROSKEY	333.1	5.54	6.33		6.53		11.59PM			
2682 P	7.42					1.02	10.06		9.38	38.4	4.0 WELLS	329.1	5.48	6.27		6.47		11.35			
2683 P	8.00					1.13	10.15		9.47	45.0	6.6 PALM LAKE	322.5	5.38	6.16		6.36		10.55			
2319 P	8.15					1.22	10.21		9.56	50.2	5.2 ASHBY	317.3	5.30	6.08		6.28		10.21			
2716 P	8.30					1.30	10.26		10.02	54.4	4.2 EMDEN	313.1	5.23	6.01		6.21		10.00			
2385 WFYP	9.30					1.45AM	10.35		10.15AM	61.1	6.7 DN-R MARENGO	306.4	5.13	5.50AM		6.10PM		9.30			
2683 P	9.50						10.42			65.9	4.8 THAVIS	301.6	5.02					8.30			
3247 P	10.05						10.48			70.3	4.4 MACK	297.2	4.53					8.15			
2682 P	10.20						10.54			74.5	4.2 ANKENY	293.0	4.45					8.00			
2070 WYP	10.50						11.04			82.4	7.9 N-R HOOPER JCT.	285.1	4.30					7.30			
2780 P	11.12						11.12			88.0	5.6 PARK	279.5	4.20					7.10			
2683 P	11.35						11.21			94.2	6.2 JOSO	273.3	4.08					6.45			
2290 P	11.58PM						11.30			100.0	5.8 CHEW	267.5	3.57					6.25			
2823 WFYP	1.00AM						11.42	10.45PM		103.9	3.9 DN-R AYER JUNCTION	263.6	3.50		4.05AM			6.10			
2689 P	1.20						11.51PM	10.57		110.1	6.2 RUXBY	257.4	3.36		3.54			5.30			
2614 P	1.50						12.02AM	11.12		117.8	7.7 SCOTT	249.7	3.23		3.43			5.05			
										123.6	5.8 D WALKER PIT	243.9									
2717 P	2.25						12.15	11.28		126.7	3.1 SIMMONS	240.8	3.07		3.30			4.40			
2707 WP	2.55						12.25	11.42		134.5	7.8 PAGE	233.0	2.55		3.18			4.15			
2719 P	3.55						12.36	11.56PM		141.8	7.3 ASH	225.7	2.42		3.08			3.45			
3700 P	4.25						12.45	12.07AM		147.8	6.0 HUMORIST	219.7	2.32		3.00			3.25			
1470 YP	5.00	4.10AM	1.25AM				12.55	12.20		154.6	6.8 N-R ATTALIA	212.9	2.20		2.50		3.23AM	11.18AM	2.50	4.20PM	
										154.7	0.1 N. P. CROSSING	212.8									
										155.3	0.6 N. P. CROSSING	212.2									
2272 WFYP	5.30	4.30AM	1.40AM				1.05	12.30AM		157.2	1.9 DN-R WALLULA	210.3	2.10		2.40AM		3.15AM	11.10AM	2.10	4.00PM	
3700 P	6.00						1.20			165.0	7.8 JUNIPER	202.5	1.40					1.15			
2571 P	6.25						1.50			170.3	5.3 SAND	197.2	1.29					12.55			
3700 P	7.00						1.59			176.9	6.6 RIVERVIEW	190.6	1.20					12.35			
WFYP	8.00AM						2.10AM			184.5	7.6 DN-R UMATILLA	183.0	1.10AM					12.01PM			
											(184.5)										
	(14.0)	(0.20)	(0.15)			(0.10)	(0.10)	(2.00)	(5.00)	(1.45)	(1.45)			(5.45)	(1.50)	(1.25)	(1.50)	(0.08)	(0.08)	(15.20)	(0.20)
	18.2	7.8	10.4			15.6	15.8	30.5	36.9	30.5	34.9			32.1	33.3	37.6	33.3	19.5	19.5	11.9	7.2

Westward trains are superior to trains of the same class in the opposite direction.—See Rule 72.

WESTWARD—TEKOA-AYER JUNCTION SUB-DIVISION—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS				FIRST CLASS			Distance from Spokane	Time Table No. 22 June 22, 1924				Distance from Ayer Junction	FIRST CLASS			SECOND CLASS		
	173 Mixed		385 Freight		75 Passenger	73 Motor	77 Passenger		76 Passenger	74 Motor	78 Passenger	386 Freight		174 Mixed					
	Leave Tue. Thur. & Sat.	Leave Tue. Thur. & Sat.	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Sun. Wed. & Fri.		Arrive Mon. Wed. & Fri.					
OWFYTP		5.30AM		6.35PM	9.05AM	8.55AM	49.3	DN-R	TEKOA	K	115.9	8.55AM	4.30PM	4.40PM			1.00PM		
1614 P		5.45		6.45	9.15AM	9.05	55.0	R	SELTICE		110.2	8.40	4.10PM	4.25			12.20PM		
1645 W		6.00		6.55		9.15	60.9	D	FARMINGTON	Fm	104.3	8.25		4.12			11.50AM		
							62.0		N. P. CROSSING		103.2								
628		6.15		7.07		9.27	66.8		WALTERS		98.4	8.10		3.58			11.20		
							69.9		N. P. CROSSING		95.3								
1918		6.25		7.14		9.35	70.3	D	GARFIELD	Gr	94.9	8.00		3.50			11.00		
942 W (East)		6.40		7.25		9.45	75.7	D	ELBERTON	Dc	89.5	7.48		3.38			10.30		
756		7.00		7.37		9.57	81.9		GLENWOOD		83.3	7.34		3.24			9.57		
1640 IWFYP		7.20		7.50		10.15	88.0		COLFAX	I.E. Crossing	77.2	7.20		3.10			9.05		
1030 P		7.30		7.57		10.23	90.5		CREST		74.7	7.10		3.00			8.45		
1740		7.40		8.03		10.28	92.9		MOCKONEMA		72.3	7.02		2.54			8.30		
1518		8.05		8.11		10.38	96.9	D	DIAMOND	D	68.3	6.55		2.45			8.05		
844 W		8.30		8.19		10.46	100.6		THERA		64.6	6.45		2.36			7.45		
1470		9.20AM		8.33PM		11.02AM	107.5	D	ENDICOTT	Di	57.7	6.30AM		2.20PM			7.08AM		
693						9.27AM	60.5		FLETCHER		94.3		3.55PM						
							63.2		N. P.—I. E. CROSSINGS		91.6								
1743 W						9.35	63.8	D	OAKESDALE	On	91.0		3.45						
1180						9.53	71.8	D	THORNTON	Ko	83.0		3.24						
							72.3		I. E. CROSSING		82.5								
1482 P						10.07	77.6		SUNSET		77.2		3.10						
1497 W						10.25	84.7	D	ST. JOHN	Sj	70.1		2.52						
1420 P						10.40	91.4		WILLADA		63.4		2.35						
841						11.00	98.5		GRAVEL PIT		56.3		2.17						
1323 WY						11.15AM	113.3		WINONA	Wa	51.9	6.15AM	2.08PM	2.08PM			6.35AM		
2357							117.3		SUTTON		47.9	6.05		2.00			6.05		
1382 WFYP		11.50AM	11.15AM			9.07	123.9	D-R	LACROSSE	Ja	41.3	5.50		1.45			5.30AM 1.20PM		
2179		12.05PM				9.19	129.6		JERITA		35.6	5.37		1.33			12.55		
2220 W		12.30				9.30	135.2		HAY	H	30.0	5.24		1.20			12.40		
2180		1.05				9.48	143.3		CANYON		21.9	5.07		1.05			12.09PM		
1963 WP		1.20				10.05	147.8	DN-R	RIPARIA	Ax	17.4	4.55		12.55			11.40AM		
604 YP		1.35PM				10.15PM	152.7	R	GRANGE CITY JUNCTION		12.5	4.35AM		12.35PM			11.20AM		
604 YP		1.35PM					152.7	R	GRANGE CITY JUNCTION		12.5			12.35PM			11.20AM		
840 WFTY		1.50PM					156.5	DN-R	STARBUCK	Sa	16.3			12.20PM			11.05AM		
604 YP						10.15PM	152.7	R	GRANGE CITY JUNCTION		12.5	4.35AM							
2054							153.6		GRANGE CITY		11.6								
2747						10.35	162.5		AYER		2.7	4.17							
2823 WFYP						10.45PM	165.2	DN-R	AYER JUNCTION	Jd	0.0	4.10AM							
									(115.9) Via Colfax (106.5) Via Thornton			Leave Daily	Leave Daily	Leave Daily			Leave Sun. Wed. & Fri. Leave Mon. Wed. & Fri.		
		(2.00) 16.8	(5.45) 18.0	(4.10) 27.8	(3.10) 24.7	(3.50) 28.0			Time Average Speed per Hour		(4.45) 22.8	(3.22) 22.7	(4.20) 24.7	(7.30) 9.9	(2.15) 14.5				

Westward trains are superior to trains of the same class in the opposite direction.—See Rule 72.

WESTWARD—SPOKANE-TEKOA SUB-DIVISION

Length of passing tracks in feet and location of scales, water, fuel, tele-phone and turning stations.	SECOND CLASS										FIRST CLASS							Distance from Spokane	Time Table No. 22 June 22, 1924							
											381	383	387								STATIONS					
											C.M. & St. P. Freight (66)	C.M. & St. P. Freight (201)	Freight	91	75	87	95		93	71	85	77				
										Leave Daily Ex. Sun.	Leave Daily Ex. Sun.	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					
OWFTP											9.45 PM	7.20 PM	6.45 PM	8.15 PM	4.40 PM	2.40 PM	8.05 AM	8.00 AM	7.50 AM	7.45 AM	7.10 AM	0.0	DN-R	SPOKANE	Ds	Double Track
IP											9.55	7.30	6.55	8.22	4.47	2.47	8.12	8.07	7.57 AM	7.52	7.15	1.9		N. P. CROSSING	Au	
2088											10.00	7.35	7.00	8.25	4.50	2.50	8.15	8.10		7.57	7.18	2.7		EAST SPOKANE		
3000											10.15	7.50 PM	7.15	8.30	4.55	2.55	8.20 AM	8.16		8.03	7.24	6.5	DN	DISHMAN	Sp	
1797											10.30		7.35	8.35	5.00	3.00		8.21		8.09	7.30	9.6		CHESTER		
940											10.50		7.55	8.45	5.07	3.08		8.31		8.15	7.40	13.2		REDLIN		
1009											11.10		8.05	8.53	5.13	3.14		8.38		8.21	7.46	15.7	D	MICA	Ma	
1984											11.30		8.15	9.02	5.20	3.20		8.45		8.30	7.51	18.5		FREEMAN		
P											11.50 PM		8.30	9.12 PM	5.28	3.30 PM		8.55 AM		8.40 AM	7.55	21.8	DN-R	MANITO	Mu	
P															5.33							22.5		BELL		
1274													8.55		5.43						8.05	27.0	D	ROCKFORD	R	
2172													9.10		5.50							30.3		DARKNELL		
1646	W												9.30		5.57						8.20	33.7	Block Sign. } D	FAIRFIELD	G	
1289													10.10		6.15						8.35	42.1	Block Sign. } D	LATAH	Na	
OWFYTP													10.45 PM		6.30 PM						8.50 AM	49.3	DN-R	TEKOA	K	
										Arrive Daily Ex. Sun.	Arrive Daily Ex. Sun.	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily					
										(2.05) 10.5	(.30) 13.0	(4.00) 12.3	(.87) 22.9	(1.50) 26.9	(.50) 26.2	(.15) 26.0	(.55) 23.8	(.07) 16.3	(.55) 28.8	(1.40) 29.6	Time		Average Speed per Hour			

Westward trains are superior to trains of the same class in the opposite direction.—See Rule 72.
Trains Nos. 85 and 87 will run over tracks of Chicago, Milwaukee & St. Paul Railway Company between Manito and Plummer Junction, and between Manito and Plummer Junction will be governed by timetable, rules and instructions of Chicago, Milwaukee & St. Paul Railway Company.

WESTWARD—STARBUCK-PENDLETON SUB-DIVISION—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS			Distance from Spokane	Time Table No. 22 June 22, 1924	Distance from Pendleton	FIRST CLASS			SECOND CLASS		
		165 Mixed	361 Freight		77 Passenger	61 Motor				1 Passenger	78 Passenger	62 Motor	2 Passenger	166 Mixed	362 Freight
		Leave Daily Ex. Sun.	Leave Daily Ex. Sun.		Leave Daily	Leave Daily Ex. Sun.				Leave Daily	Arrive Daily	Arrive Daily Ex. Sun.	Arrive Daily	Arrive Daily Ex. Sun.	Arrive Daily Ex. Sun.
840 WFTY					1.05PM		156.5	DN-R STARBUCK Sa	94.9	11.59AM					
1170					1.15		162.0	RELIEF 5.5	89.4	11.42					
1418				f	1.35		167.6	ALTO 7.6	83.8	f 11.25					
1075				f	1.50		175.2	MENOKEN 4.2	76.2	f 11.06					
1374 WTP		4.30PM		s	2.00	10.55AM	179.4	R BOLLES 4.6	72.0	s 10.55	6.05PM		10.10AM		
1357		s 4.45		s	2.12	s 11.07	184.0	D PRESCOTT Sy 5.8	67.4	s 10.43	s 5.50		s 9.50		
600		f 5.05			2.22	f 11.22	189.8	ENNIS 1.1	61.6	10.28	f 5.35		f 9.10		
545		f			2.24	f 11.26	190.9	BERRYMAN 3.3	60.5	10.26	f 5.32		f 9.00		
1047		f 5.25			2.30	f 11.34	194.2	HADLEY 2.9	57.2	10.18	f 5.25		f 8.50		
1112		f 5.45			2.35	f 11.41	197.1	VALLEY GROVE 1.8	54.3	10.12	f 5.19		f 8.40		
673		f 5.50			2.40	f 11.45	198.9	RUSSELL 4.6	52.5	10.08	f 5.15		f 8.35		
							203.5	N. P. CROSSING 1.1	47.9						
OWFTYP		6.10PM	7.30PM		2.55 3.00	11.59AM	204.6	DN-R WALLA WALLA 2.6	46.8	9.55 9.50	5.00PM	6.50PM	8.15AM	2.00PM	
619			7.40		3.08	7.22	209.0	WALRY (W. W. V. Ry Crossing) 1.8	44.2						
1290			7.45		3.12	7.25	210.8	STATE LINE 1.8	42.4	9.38		f 6.41		1.30	
1157 W			8.15		s 3.21	s 7.33	214.6	D MILTON (W. W. V. Ry. Crossing) Co 3.0	36.8	s 9.25	s 6.30			1.15	
626			8.30		3.26	7.38	217.6	BARRETT 2.9	33.8	9.18		f 6.24		1.00	
757			8.45		3.32	7.43	220.5	BADE 3.5	30.9	f 9.12		f 6.17		12.50	
2650			9.05		3.41	7.49	224.0	BLUE MOUNTAIN 3.3	27.4	f 9.05		f 6.10		12.35	
1082			9.25		3.50	7.54	227.3	DOWNING 2.5	24.1	f 8.58		f 6.03		12.20	
1250			9.40		s 3.56	s 7.59	229.8	D WESTON Wt 3.7	21.6	s 8.52	s 5.58			12.10PM	
1032 W			10.00		s 4.05	s 8.06	233.5	ATHENA Cn 4.6	17.9	s 8.45	s 5.50			11.45AM	
1832			10.25		s 4.14	s 8.14	238.1	D ADAMS Md 2.6	13.3	s 8.36	s 5.40			11.00	
870			10.45		4.19	f 8.18	240.7	BLAKELEY 3.1	10.7	f 8.31		f 5.33		10.50	
662			11.05		4.27	f 8.25	243.8	HAVANA 2.9	7.6	f 8.25		f 5.27		10.40	
1400			11.25		4.35	f 8.34	246.7	SAXE 4.7	4.7	8.15		f 5.20		10.30	
OWFTY			11.59PM		4.55PM	8.50AM	251.4	DN-R PENDLETON Fd (94.9)	0.0	8.00AM		5.10PM		10.15AM	
		Arrive Daily Ex. Sun.	Arrive Daily Ex. Sun.		Arrive Daily	Arrive Daily Ex. Sun.				Leave Daily	Leave Daily Ex. Sun.	Leave Daily	Leave Daily Ex. Sun.	Leave Daily Ex. Sun.	

(1.40)	(4.29)	(3.50)	(1.04)	(1.35)	Time	(3.50)	(1.05)	(1.40)	(1.55)	(3.45)
15.1	10.4	24.8	23.6	29.6	Average Speed per Hour	23.8	23.	28.1	13.1	12.5

Westward trains are superior to trains of the same class in the opposite direction, except No. 78 is superior to No. 61, Walla Walla to Bolles.—See Rule 72.

WESTWARD—Yakima Branch—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS						Distance from Yakima	Time Table No. 22 June 22, 1924							Distance from Attalia	FIRST CLASS						SECOND CLASS	
	261 Time Freight	369 Freight	367 Freight	55 Passenger	51 Passenger	59 Motor	57 Motor	47 Motor	53 Passenger		STATIONS								52 Passenger	54 Passenger	58 Motor	48 Motor	60 Motor	56 Passenger	368 Freight	370 Freight
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		
OWTFYP	11.00PM		6.00PM		7.30PM			8.45AM		0.0	D-R	YAKIMA	Ny	98.1	7.30AM								12.30AM			
2046	11.09		6.10		f 7.37			f 8.51		3.5		UNION GAP		94.6	f 7.20								12.10AM			
IP										6.8		N. P. CROSSING		91.3												
1690	11.20		6.25		f 7.47			f 9.01		7.3		PARKER		90.8	f 7.08								11.55PM			
										8.7		N. P. CROSSING		89.4												
1640 P	11.30		6.40		s 7.55			s 9.10		11.3	D	DONALD	Do	86.8	s 6.58								11.30			
1009	11.35		6.45		f 8.00			f 9.15		13.6		SAWYER		84.5	f 6.53								11.05			
2028 P	11.43PM		6.55		s 8.06			s 9.22		16.5		BUENA	Ba	81.6	s 6.45								10.40			
490			7.00		f 8.10			f 9.25		17.9		CUTLER		80.2	f 6.41								10.30			
1824 P	12.01AM		7.05		s 8.13			s 9.30		19.6	D-R	ZILLAH	Ah	78.5	s 6.37								10.15			
1000			7.15		f 8.18			f 9.35		21.8		BOONE		76.3	f 6.31								9.55			
2723 WP	12.15		7.25		s 8.24			s 9.41		24.7	D	GRANGER	G	73.4	s 6.25								9.30			
2675	12.30		7.45		f 8.36			f 9.54		30.9		EMERALD		67.2	f 6.10								8.36			
1872 YP	12.40AM		8.10PM		8.45PM			10.03AM		34.6	R	MIDVALE		63.5	6.00AM								8.20PM			
1872 YP		8.00PM		8.45PM		1.55PM	10.03AM		5.40AM	34.6	R	MIDVALE		63.5		6.00AM	10.23AM		2.15PM	9.05PM			8.20PM			
1500 P		8.09PM		8.54PM		2.04PM	10.12AM		5.49AM	37.4	D-R	SUNNYSIDE	Si	66.3		5.50AM	10.13AM		2.05PM	8.55PM			8.10PM			
1872 YP	12.40AM		8.10PM		9.05PM			10.23AM		34.6	R	MIDVALE		63.5	5.40AM								8.00PM			
2625 WFP	1.05		8.55		s 9.19			s 10.36		40.4	D	GRANDVIEW	Gw	57.7	s 5.28								7.40			
2296	1.25		9.35		s 9.35			s 10.50		47.3		NORTH PROSSER		50.8	s 5.15								7.15			
623			9.50		f 9.41			f 10.56		49.8		BIGGAM		48.3	f 5.09								6.55			
2708	1.45		10.15		f 9.53			f 11.06		55.1		GLEN		43.0	f 4.59								6.40			
300			10.30		f 10.01			f 11.14		58.8		CORRAL		39.3	f 4.51								6.30			
2179 WP	2.05		10.40		s 10.08			s 11.20		61.6	D	BENTON CITY	Bo	36.5	s 4.46								6.20			
2696	2.20		11.00		f 10.19			f 11.28		66.8		ACTON		31.3	f 4.36								6.05			
517			11.20		f 10.27			f 11.36		69.9		GROSSCUP		28.2	f 4.30								5.55			
2695	2.35		11.30		f 10.30			f 11.40		71.8		LEDBEDER		26.3	f 4.26								5.50			
2728	2.50		11.59PM		f 10.43			f 11.53AM		77.3		LESLIE		20.8	f 4.15								5.30			
3552 WYFP	3.15		12.25AM		s 11.00			12.10PM 12.30		84.9	DN-R	KENNEWICK	Kn	13.2	s 4.00								5.05			
700	3.30		12.45		f 11.10			f 12.40		89.4		HEDGES		8.7	f 3.49								4.50			
										90.8		N. P. CROSSING		7.3												
2800 P	3.39		12.55		f 11.20			f 12.50		91.4		VILLARD		6.7	f 3.39								4.40			
520	3.55		1.10		f 11.28			f 12.57		94.7		TWO RIVERS		3.4	f 3.31								4.30			
1470 P	4.10AM		1.25AM		11.35PM			1.05PM		98.1	N-R	ATTALIA	Ag	0.0	3.25AM								4.20PM			
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(98.1)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
	(5.10) 19.0	(0.09) 18.7	(7.25) 13.2	(0.09) 18.7	(4.05) 24.0	(0.09) 18.7	(0.09) 18.7	(4.20) 22.6	(0.09) 18.7						(4.05) 24.0	(0.10) 16.8	(0.10) 16.8	(4.20) 22.6	(0.10) 16.8	(0.10) 16.8	(8.10) 12.0	(0.10) 16.8				

Westward trains are superior to trains of the same class in the opposite direction.—See Rule 72.

Train arriving at Midvale as No. 47 will run as No. 57 Midvale to Sunnyside and as No. 58 Sunnyside to Midvale.
 Train arriving at Midvale as No. 48 will run as No. 59 Midvale to Sunnyside and as No. 60 Sunnyside to Midvale.
 Train arriving at Midvale as No. 51 will run as No. 55 Midvale to Sunnyside and as No. 56 Sunnyside to Midvale.
 Train arriving at Midvale as No. 52 will run as No. 53 Midvale to Sunnyside and as No. 54 Sunnyside to Midvale.
 Train arriving at Midvale as No. 368 will run as No. 369 Midvale to Sunnyside and as No. 370 Sunnyside to Midvale.

WESTWARD—Wallula Branch—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS		Distance from Wallula	Time Table No. 22 June 22, 1924			Distance from Wallula	FIRST CLASS		SECOND CLASS			
	363 Freight	47 Passenger	75 Passenger	STATIONS	48 Passenger		76 Passenger	364 Freight	Arrive Daily		Arrive Daily	Arrive Daily	48 Passenger	76 Passenger	364 Freight	Arrive Daily
2272 WFYP	2.30PM	1.15PM	2.45AM	DN-R WALLULA Jn	31.1	11.05AM	12.10AM	11.20AM								
730	2.50	f 1.32	f 3.03	7.7	23.4	f 10.47	f 11.50PM	10.47								
250	3.00	f 1.38	f 3.10	10.2	20.9	f 10.41	f 11.45	10.30								
1509 WP	3.15	s 1.47	s 3.22	15.2	D TOUCHET Ch	15.9	s 10.30	s 11.33	10.05							
686	3.30	s 1.56	s 3.35	19.6	LOWDEN	11.5	s 10.20	s 11.23	9.45							
618	3.45	f 2.08	f 3.50	24.2	WHITMAN	6.9	f 10.10	f 11.14	9.25							
				28.9	W. W. V. RY. CROSSING	2.2										
OTWFYP	4.30PM	2.30PM	4.15AM	31.1	DN-R WALLA WALLA Bu	0.0	9.55AM	11.00PM	9.00AM							
	Arrive Daily	Arrive Daily	Arrive Daily		(31.1)		Leave Daily	Leave Daily	Leave Daily							
	(2.00) 15.5	(1.15) 24.8	(1.30) 20.7	Time	(1.10) 26.7	(1.10) 26.7	(2.90) 13.3	Average Speed per Hour								

WESTWARD—Pomeroy Branch—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS		Distance from Pomeroy	Time Table No. 22 June 22, 1924		Distance from Starbuck	SECOND CLASS	
	155 Mixed	Leave Daily		STATIONS	156 Mixed		Arrive Daily	
								Arrive Daily
1767 WT	9.55AM	0.0	D-R POMEROY Py	28.9	3.10PM			
1326	f 10.08	4.4	ZUMWALT	24.5	f 2.50			
192	f 10.25	9.8	HOUSER	19.1	f 2.30			
1009 W	f 10.40	14.4	CHARD	14.5	f 2.10			
508	f 10.50	17.5	JACKSON	11.4	f 2.00			
1009	f 11.02	20.9	DELANEY	8.0	f 1.45			
WYFT	11.35AM	28.9	DN-R STARBUCK Sa	0.0	1.20PM			
	Arrive Daily		(28.9)		Leave Daily			
	(1.40) 17.8	Time	(1.50) 15.8	Average Speed per Hour				

WESTWARD—Dayton Branch—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS		FIRST CLASS		Distance from Turner	Time Table No. 22 June 22, 1924			Distance from Bolles	FIRST CLASS		SECOND CLASS	
	167 Mixed	165 Mixed	63 Passenger	61 Motor		STATIONS	64 Passenger	62 Motor		66 Motor	166 Mixed	168 Mixed	
													Leave Wed. Only
1602 T	3.10PM				0.0	TURNER							3.10PM
1305					2.1	WHETSTONE							
1415					5.5	RONAN							
1355 WT	3.40PM	3.40PM	1.10PM	10.10AM	11.7	D-R DAYTON Da	2.40PM	6.40PM	11.35AM	11.59AM	2.40PM		
752		f 3.50	f 1.19	f 10.20	15.2	LONG	f 2.31	f 6.31	f 11.26	f 11.40			
					16.0	N. P. CROSSING							
960		s 4.02	s 1.28	s 10.30	18.8	HUNTSVILLE	s 2.21	s 6.21	s 11.16	s 11.25			
1254		s 4.15	s 1.35	s 10.36	21.3	D WAITSBURG Bg	s 2.14	s 6.14	s 11.09	s 11.10			
1374 WTP		4.30PM	1.45PM	10.45AM	24.9	R BOLLES	2.05PM	6.05PM	11.00AM	10.55AM			
	Arrive Wed. Only	Arrive Daily Ex. Sun.	Arrive Daily	Arrive Daily		(24.9)	Leave Daily	Leave Daily Ex. Sun.	Leave Sun. Only	Leave Daily Ex. Sun.	Leave Daily Ex. Sun.	Leave Wed. Only	
	(0.30) 28.4	(0.50) 15.9	(0.35) 22.8	(0.35) 22.8	Time	(0.35) 22.3	(0.35) 22.3	(0.35) 22.3	(1.04) 12.4	(0.80) 28.4	Average Speed per Hour		

Westward trains are superior to trains of the same class in the opposite direction, except No. 364 is superior to No. 363 Walla Walla to Wallula, No. 166 is superior to No. 63 Bolles to Dayton and No. 168 is superior to No. 167 Dayton to Turner.—See Rule 72.

WESTWARD-AMWACO BRANCH-EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS	FIRST CLASS	Distance from Bell	Time Table No. 22 June 22, 1924	Distance from Amwaco	FIRST CLASS	SECOND CLASS
	181 Mixed						182 Mixed
	Leave Saturday						Arrive Saturday
200	8:00AM		0.0	BELL 2.8	14.1		11:00AM
640	8:10		2.8	HAGEN 2.1	11.3		10:30
400	8:20		4.9	WELLER 2.0	9.2		10:15
1020	8:30		6.9	FORD 7.2	7.2		10:00
2055	9:15AM		14.1	AMWACO (14.1)	0.0		9:30AM
	Arrive Saturday						Leave Saturday

(1.15)
11.3

Time
Average Speed per Hour

(1.30)
9.4

WESTWARD-CONNELL BRANCH-EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			Distance from La Crosse	Time Table No. 22 June 22, 1924	Distance from Connell	SECOND CLASS	
		385 Freight	171 Mixed				172 Mixed	386 Freight
		Leave Tues. Thurs. & Sat.	Leave Mon. Wed. & Fri.				Arrive Tue. Thur. & Sat.	Arrive Sun. Wed. & Fri.
WFYP		11:15AM	2:00PM	0.0	D-R LA CROSSE Ja	52.9	10:45AM	5:30AM
840		11:30AM	f 2:20	4.6	PAMPA 10.1	48.3	f 10:15	5:10
671		12:10PM	s 3:00	14.7	HOOPER 1.0	38.2	s 9:30	4:35
1627	PWY	12:15PM	s 3:10	15.7	N-R HOOPER JCT. Hr	37.2	s 9:15	4:30AM
1738	W		s 3:45	23.5	D WASHUCNA 5.8	29.4	s 8:45	
295			f 4:15	29.3	McADAM 8.1	23.6	f 8:25	
1127			s 4:45	37.4	D KAHLOTUS 4.9	15.5	s 8:00	
488			f 5:10	42.3	ESTES 3.8	10.6	f 7:45	
550			f 5:30	46.1	SULPHUR 6.8	6.8	f 7:35	
1021	WY		6:00PM	52.9	D-R CONNELL N	0.0	7:15AM	
		Arrive Tues. Thurs. & Sat.	Arrive Mon. Wed. & Fri.		(52.9)		Leave Tue. Thur. & Sat.	Leave Sun. Wed. & Fri.

(1.00)
15.7

(4.00)
13.3

Time
Average Speed per Hour

(3.30)
15.1

(1.00)
15.7

WESTWARD-MOSCOW BRANCH-EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS		Distance from Moscow	Time Table No. 22 June 22, 1924	Distance from Colfax	FIRST CLASS		SECOND CLASS		
		175 Mixed		83 Motor	81 Motor				82 Motor	84 Motor	176 Mixed		
		Leave Daily Ex. Sun.		Leave Daily	Leave Daily				Arrive Daily	Arrive Daily	Arrive Daily Ex. Sun.		
1800	WTP	4:55PM		1:35PM	8:30AM	0.0	D-R MOSCOW Mo	28.1	11:59AM	4:55PM	2:45PM		
648		f		f 1:42	f 8:37	4.0	GARRISON 4.8	24.1	f 11:48	f 4:45	f		
						8.8	N. P. CROSSING 0.6	19.3					
1245	P	s 5:25		s 1:58	s 8:50	9.4	D PULLMAN Xn	18.7	s 11:30	s 4:25	s 1:58		
802		f 5:35		f 2:04	f 8:58	12.4	ARMSTRONG 3.0	15.7	f 11:17	f 4:12	f 1:35		
988	W(East)	s 5:50		s 2:10	s 9:06	15.4	ALBION 3.0	12.7	s 11:07	s 4:02	s 1:25		
1039		f 6:02		f 2:15	f 9:14	18.4	SHAWNEE 1.9	9.7	f 11:00	f 3:55	f 1:15		
498		f 6:10		f 2:20	f 9:20	20.3	PARVIN 3.3	7.8	f 10:55	f 3:50	f 1:10		
409		f 6:30		f 2:30	f 9:30	23.6	RISBECK 4.5	4.5	f 10:45	f 3:40	f		
WFYP		7:00PM		2:55PM	9:55AM	28.1	D-R COLFAX Ca	0.0	10:30AM	3:25PM	12:45PM		
		Arrive Daily Ex. Sun.		Arrive Daily	Arrive Daily		(28.1)		Leave Daily	Leave Daily	Leave Daily Ex. Sun.		

(2.05)
13.5

(1.20)
21.1

(1.25)
19.8

Time
Average Speed per Hour

(1.29)
18.9

(1.30)
18.7

(2.00)
14.0

Westward trains are superior to trains of the same class in the opposite direction, except that No. 82 is superior to No. 83, Colfax to Moscow, and No. 176 is superior to No. 175, Colfax to Moscow.—(See Rule 72.)

WESTWARD—WALLACE BRANCH—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			FIRST CLASS			Distance from Tekoa	Time Table No. 22 June 22, 1924			Distance from Wallace	FIRST CLASS		SECOND CLASS	
	393		87		85			86		88		394			
	Freight	Passenger	Passenger	Passenger	Passenger	Passenger		Passenger	Passenger	Passenger		Passenger	Freight	Passenger	Passenger
	Leave Daily		Leave Daily Ex. Sunday	Leave Daily				Arrive Daily Ex. Sunday	Arrive Daily		Arrive Daily				
OWFTY	5.00AM						0.0	DN-R	TEKOA	K	80.3		11.59AM		
1297	f 5.20						7.0		LOVELL		73.3		f 10.40		
980	f 5.35						12.2		WATT		68.1		f 9.45		
957	s 5.48						15.4	D	PLUMMER	Mr	64.9		9.15		
							17.0		WEST PLUMMER		63.3				
			4.05PM	9.20AM			17.6	DN-R	PLUMMER JCT.	Wj	63.9	10.40AM	4.37PM		
	5.55		4.07	9.22			17.0		WEST PLUMMER		63.3	10.37	4.35		
1240	WFT 6.20		f 4.20	f 9.35			22.8		CHATCOLET		57.5	f 10.20	f 4.20		
700							28.3		LACON		52.0				
2081	WT 7.00		s 4.40	s 10.00			30.6	Black Box	HARRISON	Rn	49.7	s 10.00	s 3.55		
1272			s 4.47	s 10.07			34.0		SPRINGSTON		46.3	s 9.48	s 3.40		
500			s 5.00	s 10.20			41.4		MEDIMONT		38.9	s 9.34	s 3.25		
1100			s 5.08	s 10.28			45.4		LANE		34.9	s 9.26	s 3.17		
1464			s 5.18	s 10.38			49.2	D	ROSE LAKE	Ro	31.1	s 9.16	s 3.08		
707			s 5.25	s 10.45			52.1		DUDLEY		28.2	s 9.10	s 3.00		
1551	W (West) 10.15		s 5.35	s 10.55			57.9		CATALDO		22.4	s 9.00	s 2.50		
666	OY 10.45		s 5.45	s 11.05			62.6	D-R	ENAVILLE	Vi	17.7	s 8.50	s 2.40		
459			f 5.50	f 11.10			64.2		PINE CREEK		16.1	f 8.45	f 2.35		
			f	f			67.3		BRADLEY		13.0	f	f		
1339	11.25AM		s 6.05	s 11.25			69.3	D-R	KELLOGG-WARDNER	Dn	11.0	s 8.35	s 2.25		
1602	12.25PM		s 6.25	s 11.45			75.9		OSBORNE		4.4	s 8.18	s 2.08		
OWFT	1.00PM		6.40PM	11.59AM			80.3	D-R	WALLACE	We	0.0	8.10AM	2.00PM		
	Arrive Daily		Arrive Daily Ex. Sunday	Arrive Daily					(80.3)			Leave Daily Ex. Sunday	Leave Daily		
	(8.00) 10.0		(2.35) 24.7	(2.39) 24.1					Time.....			(2.30) 25.6	(2.37) 24.4	(8.00) 10.0	
									Average Speed per Hour.....						

WESTWARD—ENAVILLE BRANCH—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS		Distance from Paragon	Time Table No. 22 June 22, 1924		Distance from Enaville	SECOND CLASS	
	179			178				
	Mixed	Passenger		Mixed	Passenger			
	Leave Mon. Wed. and Fri.			Arrive Mon. Wed. and Fri.				
			0.0			32.8		
	11.45AM		11.3			21.5	11.00AM	
1254	YP 12.10PM		13.5			19.3	s 10.40AM	
1300	P		22.2			28.0		
1254	YP		13.5			19.3		
585	s 12.40PM		16.6			16.2	s 10.20AM	
	s 12.50		17.8			15.0	s 10.10	
1172	W (East) s 1.05		19.6			13.2	s 10.00	
1000	s 1.30		23.2			9.6	s 9.40	
515	s 2.00		28.9			3.9	s 9.10	
OYP	2.30PM		32.8			0.0	8.50AM	
	Arrive Mon. Wed. and Fri.						Leave Mon. Wed. and Fri.	
	(2.45) 7.8						(2.10) 9.9	

WESTWARD—BURKE BRANCH—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS		Distance from Wallace	Time Table No. 22 June 22, 1924		Distance from Burke	SECOND CLASS	
	179			178				
	Mixed	Passenger		Mixed	Passenger			
			0.0			6.6		
			0.3			6.3		
			3.8			2.8		
			4.1			2.5		
			4.8			1.8		
			5.6			1.0		
W			6.6			0.0		

WESTWARD—SIERRA NEVADA BRANCH—EASTWARD

Length of passing tracks in feet and location of scales, water, fuel, telephone and turning stations.	SECOND CLASS			Distance from Bradley	Time Table No. 22 June 22, 1924			Distance from Sierra Nevada Mine	SECOND CLASS		
	179				178						
	Mixed	Passenger	Passenger		Mixed	Passenger	Passenger				
				0.0			4.1				
W				4.1			0.0				

This branch shown for information as to distances only. It will be operated as a switching spur lying within Bradley-Kellogg-Wardner yard limits.

Westward trains are superior to trains of the same class in the opposite direction, except that No. 394 is superior to No. 393, Wallace to Harrison, and No. 178 is superior to No. 179, Enaville to Prichard.—(See Rule 72.)

Trains Nos. 85, 86, 87 and 88 will run over tracks of Chicago, Milwaukee & St. Paul Railway Company between Manito and Plummer Junction, and between Manito and Plummer Junction will be governed by timetables, rules and instructions of Chicago, Milwaukee & St. Paul Railway Company.

THIRD DIVISION

SPECIAL RULES

PASSENGER TRAINS

- No. 11 will stop to discharge passengers from points east of Ayer Junction.
No. 12 will stop to discharge passengers from points west of Ayer Junction.
Nos. 47 and 48 will stop on signal at Mellis, Dunbro, Flint, Dalton, Blaine Acres, Baird, Morris, Waneta, Forsell, Capp, Schultz, McDougal, Purdy, Reavis and Finch.
Nos. 51 and 52 will stop on signal at Mellis, Dunbro, Flint, Pana, Dalton, Blaine Acres, Baird, Morris, Waneta, Forsell, Capp, Schultz and McDougal.
Nos. 73 and 74 will stop on signal at Warner, Coman, Huntley and Juno.
No. 75 will stop on signal to receive passengers at Dishman.
No. 76 will stop to discharge passengers at Dishman.
Nos. 75 and 76 will stop on signal at Magallon, Mathew, Walker, Sheffler, Reavis and Finch.
No. 77 will stop on signal at Dishman, Chester, Mica, Freeman and Manito for passengers destined to points west of Manito.
No. 78 will stop at Freeman, Mica, Chester and Dishman to discharge passengers from points west of Manito.
Nos. 81, 82, 83 and 84 will stop on signal at Mlle Post 6, Henry's Crossing, Whitlow and Holland.
Nos. 85 and 87 will stop on signal to receive passengers at Dishman.
Nos. 86 and 88 will stop to discharge passengers at Dishman.
Nos. 85, 86, 87 and 88 will stop at Black Lake and will stop on signal at O'Gara and Shont.
No. 165 will stop on signal at Dumas.
Nos. 171 and 172 will stop on signal at Wacota and Curry.
Nos. 175 and 176 will stop on signal at Whitlow and Holland.
Nos. 178 and 179 will stop on signal at Cedar Creek, Smith and Haight.
Nos. 181 and 182 will handle baggage and express.

FREIGHT TRAINS

Passengers will be carried on freight trains as follows:

Nos. 253 and 254 between Spokane and Ayer Junction and between Wallula and Umatilla.

Nos. 361 and 362 between Walla Walla and Pendleton.

Freight trains between Tekoa and Plummer Junction.

Log train extras between Spokane and Amwaco, and will also handle baggage and express.

Passengers will not be carried on other freight trains except persons in charge of special freight, employes with annual passes or employes with trip passes when traveling on company business between stations at which trains stop. See Rule 720.

- Train registers will not be used as a means of identifying extra trains.
- A buffer car (not to be occupied by passengers) will be used on passenger trains between locomotive and cars occupied by passengers.
- Trains (except passenger) consisting of more than 25 cars will cut off engine to take water or fuel, and will also cut off way cars before spotting.
- White indicator board displayed at a station will indicate cars or LCL freight to be moved. Trains doing local work will be governed accordingly.
- If a Home Block Signal fails to indicate stop or a Distant Block Signal fails to indicate caution when a block is entered, a member of the crew must be left at the signal, the Train Dispatcher must be notified from the first available point of communication and report must be sent to the Superintendent by wire. The employe left at the signal must stop and notify all trains moving in the direction governed by the signal and must remain there until relieved by an employe of the Signal Department or by official instructions.

- Referring to Rule 17:

When rules require the headlight to be displayed, electric headlights on engines will be dimmed:

- In yards where yard engines are employed;
- At meeting points;
- Approaching stations at which stops are to be made, or where trains are receiving or discharging passengers;
- When standing;
- On two or more tracks when approaching trains running in the opposite direction.

- After carefully complying with Rule 83 at Spokane, conductors and enginemen of westward trains must fully identify trains between Spokane and end of double track at N. P. Crossing and Spokane River-Latah Creek Bridge 365.32.

- Referring to Rule 83 (A):

- Trains will not be required to obtain clearance card at Hooper Junction or La Crosse when no operator on duty.
- Yakima Branch trains will obtain clearance card at Wallula for eastward movement from Attalia on Yakima Branch. Other trains are not required to obtain clearance card at Attalia.
- Trains to and from Amwaco Branch will obtain clearance card at Manito instead of Bell. Movement of Amwaco Branch trains eastward from Bell to Manito will be governed by Home Block Signals Nos. 1428 and 1429. When either signal is in stop position main track must not be occupied until protected as required by Rule 509 against westward trains and Rule 99 against eastward trains on main line.
- Trains will not be required to obtain clearance card at Bolles, Midvale, Sunnyside, Turner, Amwaco or Prichard.
- Spokane International eastward passenger trains are not required to obtain clearance card at N. P. Crossing, but may proceed N. P. Crossing to Spokane passenger station on clear signal indication from Interlocking Tower at N. P. Crossing and run with current of traffic, being governed by Rule 93.

- Referring to Rule 221 (A):

All trains are required to obtain clearance card at Ayer Junction, Wallula, Tekoa, Riparia, Walla Walla and Plummer Junction, but will not whistle for train order signal at these stations.

- Referring to Rule 221 (B):

On branch lines and at Oakesdale, Thornton, St. John, Prescott, Milton, Weston and Adams train order signal lights will not be kept burning at night when operators are not on duty.

- Referring to Rule 83 (B):

- No. 77 may register by registering ticket, Form 2642, at Manito.
- Nos. 11, 12, 75 and 76 may register at Attalia by registering ticket, Form 2642.
- When operator is on duty at Hooper Junction, Nos. 11 and 12 may register at that station by registering ticket, Form 2642.
- Register at Manito will also serve as register for Bell.
- Second class and extra trains will not register at Zillah.
- Register for Plummer Junction will also serve as register for West Plummer.

- All trains must get a signal from switch tender before entering or leaving Spokane Union Station.

- Between Union Station and N. P. Crossing, Spokane:

- Trains and engines will use right hand track in direction they are moving.
- Three-position block signals are maintained and indications are as follows:

Vertical -----Clear
Diagonally upward -----Caution
Horizontal -----Stop

- Switch lights show white if switch is set for main track and red if set for diverging track.

SPECIAL RULES—Continued

15. Switching in yards and at stations:

- (a) While switching and moving over street and road crossings at grade, within city limits, in towns, at obscure places in yards, etc., extreme caution must be maintained. At crossings where the view is obscured a flagman must be on the ground and hold all traffic before and during the passage of train or engine. Where the view is good a flagman must be on the forward end of the leading car and give such signals as will cause train to be brought to a stop should an emergency arise. Enginemen must be in a position to take and promptly act on signals, keeping a constant and vigilant look-out and so arrange their duties that the putting in of fires, working injectors, lubricators, etc., will not interfere. When enginemen are unable to see signals engine will be brought to a stop until proper signals are given.
- (b) Normal position of crossing gates at Division Street and Monroe Street, Spokane, is across track. No movements over these streets will be made until both gates are open and proceed signal given from middle of street by switchman or brakeman. Gates will be closed promptly after each movement.

Over Division Street, Spokane: Movements will not be made between the hours of 6:00 A. M. and 8:00 A. M., 11:30 A. M. and 1:30 P. M., 5:00 P. M. and 7:00 P. M. unless absolutely necessary; between the hours of 6:00 A. M. and midnight the number of moves are limited to twenty (20) and no moves will be made when heavy vehicle and street car traffic will be interrupted.

When crossing flagmen are not on duty, train or yardmen must precede trains or engines over Green, Madella, Hamilton, Division, Washington, Howard, Monroe, Ash and Cannon Streets and hold all street traffic.

Crossing Flagmen are on duty as follows:

Green Street	7:00 A. M. to 5:00 P. M.
Madella Street	6:30 A. M. to 10:30 P. M.
Hamilton Street	6:00 A. M. to 10:00 P. M.
Washington Street	7:00 A. M. to 11:00 P. M.

16. Trains from the Second Division entering Umatilla Yard will be governed by Rule 93, and if a train on Third Division main line is seen approaching wye junction switch, Second Division train will remain clear of Third Division main line until the approaching train has stopped.

Movement of westward Third Division trains from junction switch at Pendleton to Pendleton station will be governed by Home Block Signals 2164 and 2165. When either signal is in stop position Second Division main track must not be occupied until protected as required by Rule 509 against eastward trains on Second Division and Rule 99 against westward trains on Second Division.

Yakima Branch trains entering Wallula-Attalia Yard will be governed by Rule 93, and if a main line train is seen approaching junction switch, Yakima Branch train will remain clear of main line until the approaching train has stopped.

If a main line train is seen approaching junction switch, Sierra Nevada Branch trains entering Bradley-Kellogg-Wardner Yard will remain clear of main line until the approaching main line train is stopped.

Before using Standard Mill and Gem High Lines, trains must ascertain if tracks are clear.

Yakima River Bridge 89.35 one mile west of Parker is used jointly with N. P. Railway. Automatic block signals govern movement of trains in both directions through gauntlet track over Yakima River Bridge. All trains will approach gauntlet track under control and must not exceed 15 miles per hour through gauntlet track. When a train is stopped by home signal at approach to gauntlet track it may proceed when signal clears or by sending flagman ahead sufficient distance to insure full protection. When passenger and freight trains approach at same time freight trains must stop before passing home signal about 600 feet from bridge, giving passenger trains preference.

17. (a) Joint Operation between Walry and Taumarson. Within yard limits extending between Walry and Taumarson, all trains, engines and motors of the O.-W.R.R.&N.Co. and W.W.V.Ry.Co. have equal rights in their movement and shall be governed by following rule:

"All trains, yard engines, light engines, electric motors, etc., must proceed under control in both directions at all times between Walry and Taumarson. Under control means to be able to stop within distance track is seen to be clear. Should any collision occur in this territory responsibility will rest with the train not under control."

(b) Joint Operation Zillah. Tracks of O.-W. R. R. & N. and N. P. Railway within yard limits at Zillah, are used jointly by both companies for switching purposes. While using N. P. tracks be governed by N. P. Rule 93, which reads as follows:

"Within yard limits main track may be used, protecting against first class trains. Second and Third class trains and extra trains (including passenger extras) must move within yard limits prepared to stop unless main track is seen or known to be clear."

18. Position of switches:

- (a) Normal position of switches at Seltice and Winona is for line via Colfax.
- (b) Normal position of switch at West Plummer is for Plummer Junction.
- (c) At Mica, Oudin Spur track switch must be set to act as derailer for house track.
- (d) Standard High Line Switch, between Wallace and Gem and High Line Switch at Gem, must be left set and locked for the high line.

19. (a) Cars will not be left on main track at Crest without engine attached. When necessary to pick up cars, rear end of train will be placed on spur.

- (b) Except when necessary to spot for loading or unloading, cars on sidings must clear street or road crossings 200 feet and a space of 100 feet must be maintained between each ten cars.

20. Engines weighing 120,000 lbs. or more on drivers will not be operated on Tekoa or Wallace coal chutes. Engines must not be placed on or moved over Hecla High Line ore bins at Gem nor Bunker Hill and Sullivan over head scale at Kellogg.

21. Helper Engines:

- (a) An engine helping a passenger train will double head regular engine except engines will not be double headed over Snake River Bridge 17.23 at Riparia and engines weighing less than 100,000 lbs. on drivers may be coupled to rear of train between Colfax and Crest.
- (b) An engine helping a freight train will double head regular engine except engines will not be double headed over Snake River Bridge 17.23 at Riparia and the helper may be coupled ahead of cabooses, outfit cars and other weak equipment between Colfax and Crest and between Lovell and Chatcolet.

22. Drawbridges:

- (a) All trains will stop before crossing drawbridge 17.23 over Snake River at Riparia and drawbridge 7.44 over Columbia River between Villard and Hedges and may then proceed if draw spans are seen to be closed.
- (b) All trains and engines will stop at established stop boards before crossing drawbridge 23.40 over St. Joe River one-half mile west of Chatcolet and will not proceed until they have called for, received and acknowledged proceed signal from bridge tender. After a stop of five minutes, if proceed signal is not received, flagman will be sent forward, and if draw span is found closed and locked, proceed signal will be given by flagman and acknowledged and train may then proceed.
- (c) Sand must not be used on drawbridges.

23. The maximum gross weight of cars that may be handled between stations is shown in the table below:

Spokane and Ayer Junction	No limit	Ayer Junction and Umatilla	200,000 lbs.
Spokane and Manito	No limit	Manito and Riparia, via Colfax	200,000 lbs.
Seltice and Winona, via Thornton	200,000 lbs.	Riparia and Grange City Junction	160,000 lbs.
Grange City Junction and Ayer Junction	200,000 lbs.	Grange City Junction and Pendleton	200,000 lbs.
Yakima and Attalia	200,000 lbs.	Midvale and Sunnyside	200,000 lbs.
Wallula and Walla Walla	200,000 lbs.	Turner and Bolles	200,000 lbs.
Pomeroy and Starbuck	200,000 lbs.	Bell and Amwaco	200,000 lbs.
LaCrosse and Hooper Junction	200,000 lbs.	Hooper Junction and Connell	160,000 lbs.
Moscow and Colfax	160,000 lbs.	Tekoa and Burke	200,000 lbs.
Bradley and Sierra Nevada Mine	200,000 lbs.	Prichard and Enaville	200,000 lbs.
Beaver and Jefferson	200,000 lbs.		

DIVISION SPEED RESTRICTIONS

- 24. (a) Passenger, mail or express trains will not exceed speed of 60 miles per hour, and other trains, including light engines and engines with cabooses, will not exceed speed of 35 miles per hour.
- (b) Passenger, mail or express trains will not exceed speed of 40 miles per hour on 5 and 6 degree curves, 35 miles per hour on 7 and 8 degree curves and 30 miles per hour on 9 and 10 degree curves; and other trains, light engines and engines with cabooses, will not exceed speed of 30 miles per hour on 5 and 6 degree curves, 25 miles per hour on 7 and 8 degree curves and 20 miles per hour on 9 and 10 degree curves. Figures on stake at beginning of curve indicate degree of curvature.
- (c) When within yard limits a maximum speed of 30 miles an hour by first class trains and 15 miles an hour by other trains and engines must not be exceeded. Speed will be as much slower as rules or conditions may otherwise require.
- (d) All trains will not exceed 15 miles per hour when using crossovers or turnouts, and be under control through sidings, interlocking plants and yard limits. Under control means to be able to stop within the distance track is seen to be clear.
- (e) In any class of service engines of Consolidation and Mikado class will not exceed speed of 35 miles per hour, except Mikado class engines with drivers 63 inches or over handling passenger trains will not exceed speed of 50 miles per hour. Mallet class engines of 3800 series will not exceed speed of 15 miles per hour, and of 3600 series, 20 miles per hour.
- (f) The maximum speed permitted for engines running forward will not apply to engines running backward. Engineers running engines backward must take into consideration climatic conditions, weight of engine and track conditions, particularly sharp curves, and reduce speed or lose time sufficient to make the run safe.
- (g) Trains will be handled with care and under control when sand is blowing, when weather is foggy or stormy and at points where there is liability of track being obstructed.
- (h) Slow boards will be erected one-fourth mile from the point which they are intended to cover.
- (i) All trains will not exceed speed of 10 miles per hour over railroad crossings at grade.
- (j) Trains handling logs will not exceed speed of 15 miles per hour.

SUB-DIVISION SPEED RESTRICTIONS

25. SEVENTH SUB-DIVISION

- (a) All trains will not exceed speed of 15 miles per hour over Bridge 367.13 crossing Spokane River and Monroe St., Spokane Bridge 365.32 crossing Spokane River and Latah Creek between Spokane and Cowles and Bridge 271.70 crossing Snake River Between Joso and Chew. Trainmen and enginemen will keep sharp lookout and be prepared to stop should an emergency arise.
- (b) Through Spokane Union Station Yard and over slip switches:

	Passenger	Freight
Over street crossings at grade in Cheney	10 miles	10 miles
Through tunnels between Spokane and Ayer Junction	8 miles	8 miles
	45 miles	25 miles

SPECIAL RULES—Continued

26. SPOKANE-TEKOA SUB-DIVISION

	Passenger	Freight
Between Spokane and Tekoa.....	50 miles	35 miles
Over street crossings at grade on line through old yard between N. P. Crossing and Mission Avenue, Spokane.....	6 miles	6 miles
Through Spokane Union Station yard and over slip switches.....	10 miles	10 miles
Over street crossings at grade between N. P. Crossing and city limits, Spokane.....	12 miles	12 miles
Through tunnel between N. P. Crossing and Spokane.....	15 miles	10 miles
On descending grade between Chester and Mica.....		15 miles
Over street crossings at grade in Fairfield.....	6 miles	6 miles

27. TEKOA-AYER JUNCTION SUB-DIVISION

	Passenger	Freight
Between Tekoa and Riparia.....	50 miles	35 miles
On descending grade between Colfax and Crest.....	25 miles	12 miles
Between Crest and Thera.....	40 miles	25 miles
Between Seltice and Winona via Thornton.....	50 miles	35 miles
Through Tunnel 27 west of Hay.....	10 miles	10 miles
Between Riparia and Ayer Junction.....	40 miles	30 miles
Over Snake River Bridge 17.23 at Riparia.....	5 miles	5 miles
Over street crossings at grade in Colfax and St. John.....	6 miles	6 miles
Over street crossings at grade in Elberton.....	25 miles	25 miles

28. STARBUCK-PENDLETON SUB-DIVISION

	Passenger	Freight
Between Starbuck and Downing.....	40 miles	30 miles
Between Downing and Pendleton.....	50 miles	30 miles
On descending grades between Alto and Starbuck.....	30 miles	12 miles
On descending grades between Mile Posts 22 and 32½.....	30 miles	15 miles
Over street crossings at grade in Walla Walla, Athena and Pendleton.....	6 miles	6 miles
Over street crossings at grade in Milton.....	15 miles	15 miles

29. BRANCHES

	Passenger	Freight
Yakima Branch.....	45 miles	30 miles
Over Columbia River bridge 7.44 Yakima Branch.....	20 miles	10 miles
Over street crossings at grade in Kennewick.....	8 miles	8 miles
Over Yakima River Bridge 89.35 at Parker.....	15 miles	15 miles
Over street crossings at grade in Zillah and Yakima.....	10 miles	10 miles
Wallula Branch.....	40 miles	30 miles
Pomeroy Branch.....	25 miles	20 miles
Dayton Branch between Turner and Dayton.....	25 miles	20 miles
Dayton Branch between Dayton and Bolles.....	35 miles	25 miles
Over street crossings at grade in Dayton.....	6 miles	6 miles
Amwaco Branch.....	35 miles	15 miles
Connell Branch between La Crosse and Mile Post 27.....	30 miles	25 miles
Connell Branch between Mile Post 27 and Connell.....	30 miles	20 miles
Over steel bridge 15.13 between Hooper and Hooper Junction.....	8 miles	8 miles
Moscow Branch.....	35 miles	25 miles
Over South Main Street Crossing at Colfax.....	4 miles	4 miles
Over street crossings at grade in Pullman and Colfax.....	6 miles	6 miles
Wallace Branch.....	50 miles	35 miles
Over street crossings at grade in Wallace.....	6 miles	6 miles
On descending grades between Chatcolet and Lovell.....		15 miles

Over Chatcolet Trestle and Drawbridge 23.45.....	15 miles	15 miles
Burke Branch.....	20 miles	10 miles
Ascending Standard and Gem High Lines.....	15 miles	15 miles
Enaville Branch.....	25 miles	25 miles
Between Beaver and Mile Post 6.....	20 miles	20 miles
Between Mile Post 6 and Jefferson.....	10 miles	10 miles
Sierra Nevada Branch.....	10 miles	10 miles

AIR BRAKES

30. Trainmen will be particular to know that air is cut in on all cars picked up and before descending heavy grades must know that all good order air brakes are cut into the train line. Trainmen must know that hand brakes are operative on freight cars which have air brakes cut out.

31. (a) Pressure Retaining Valves will be used on descending grades as per Rule 1053, "Rules and Instructions Governing Air Brakes," as follows:

Sub-Divisions	Passenger Trains	Freight Trains
Spokane-Tekoa.....		Mica and Chester
Spokane-Tekoa.....		Darknell and Rockford
Tekoa-Ayer Junction.....	Crest and Colfax.....	Crest and Colfax
Tekoa-Ayer Junction.....	Jerita and Hay.....	Jerita and Hay
Starbuck-Pendleton.....	Alto and Relief.....	Alto and Starbuck
Starbuck-Pendleton.....		Alto and Menoken
Starbuck-Pendleton.....	Weston and Barrett.....	Weston and Barrett
Dayton Branch.....		Turner and Dayton
Wallace Branch.....	Lovell and Chatcolet.....	Lovell and Chatcolet
Sierra Nevada Branch.....	Sierra Nevada Mine and Bradley.....	Sierra Nevada Mine and Bradley
Enaville Branch.....	Jefferson and Delta.....	Jefferson and Delta

(b) At Hay, westward freight trains and at Relief and Bade, eastward freight trains will stop 5 minutes to permit wheels to cool, during which time trainmen will inspect train for overheated and cracked wheels and before proceeding recharge train line and auxiliaries fully.

32. On eastward freight trains immediately before leaving Crest, Alto, Burke and Sierra Nevada Mine and westward freight trains immediately before leaving Jefferson, Rule 1017, "Book of Rules and Instructions Governing Air Brakes", must be observed.

33. At Spokane Union Station passenger trains will make running air test only after leaving the elevated structure and avoid making heavy application of air in making stops.

34. Air must not be applied while crossing Snake River Bridge 17.23 at Riparia.

35. When trains, both freight and passenger, give trouble, that is undesired quick action or emergency action, before making reduction in applying brakes, the brake valve should be placed in release position for about two seconds and then returned to running position not exceeding one second and then to service position; this to insure all triple valves being in release position at the time service reduction is started, thereby tending to avoid quick action of brakes when making service reduction.

INTERLOCKING PLANT SIGNALS

36. The following whistle signals will be used for movements through interlocking plants:

N. P. Crossing, Spokane:	
To Spokane Union Station.....	Three Short o o o
To Old Yard.....	Four Short o o o o
To East Spokane.....	Four Short o o o o
To N. P. Transfer.....	Three Short o o o
To S. & E. R. & P. Co. Transfer.....	Two Long — —

COLFAX:

To and From Crest.....	Two Long — —
To and From Moscow Branch.....	Three Short o o o

RAILWAY CROSSINGS

See General Rule 98:

The following is the law in Washington:

Trains Shall Stop at Railroad Crossings.—All railroads and

street railroads, operating in this state shall cause their trains and cars to come to a full stop at a distance not greater than five hundred (500) feet before crossing the tracks of another

railroad crossing at grade, excepting at crossings where there are established signal towers and signalmen, interlocking plants or gates.

RATING OF LOCOMOTIVES IN FREIGHT SERVICE IN TONS OF 2000 POUNDS.

THIRD DIVISION

Total weight of train exclusive of engine and tender, which the different classes of locomotives will haul in each direction between the stations shown, under favorable weather conditions; (A deduction of ten (10) per cent may be made for time freight trains.) Between stations for which no rating is shown maximum will apply.

CLASSIFICATION	ENGINE NUMBERS	SEVENTH SUB-DIVISION						SPOKANE-TEKOA SUB-DIVISION						TEKOA-AYER JUNCTION SUB-DIVISION													
		WESTWARD			EASTWARD			WESTWARD				EASTWARD	WESTWARD					EASTWARD									
		Spokane to Ayer Jct.	Ayer Jct. to Wallula	Wallula to Umatilla	Umatilla to Humorist	Humorist to Ayer Jct.	Ayer Jct. to Spokane	Spokane to Chester	Chester to Fairfield	Fairfield to Latah	Latah to Tekoa	Latah to Freeman	Tekoa to Garfield	Colfax to Crest	Winona to Jerita	Seltice to Willada	Grange City Jct. to Starbuck	Ayer Jct. to Grange City Jct.	Grange City Jct. to Riparia	Riparia to Hay	Hay to Jerita	Winona to Mockonema	Mockonema to Crest	Colfax to Elberton	Elberton to Farmington	Winona to Oakesdale	Oakesdale to Tekoa
TTT63 29 288 30	5400 to 5414	3350					3350	2120																			
M. 57 18 91 24	4200 to 4208	830	1180	915	915	1245	830	540	330	515	745	475	500	175	535	500	610	1245	1245	455	290	475	350	630	430	360	530
MC. 57 26-40 394 30	3800 to 3802	4510	6240	4820	4820	6575	4510	2880									3230	6575									
MC. 57 26-41 464 32	3620 to 3629	4895					4895	3105																			
A. 81 20 106 28	3500 to 3514	1085	1545	1195	1195	1630	1085	710	430	675	975	625	655	230	700	655	800	1630	1630	595	380	625	460	830	560	470	690
P. 77 25 178 28	3226 to 3227	1785	2540	1960	1960	2675	1785	1165	710	1005	1605	1025	1080	380	1145	1080	1315	2675		980	625	1025	755	1360	925	775	1135
P. 77 25 167 28	3218 to 3225	1785	2540	1960	1960	2675	1785	1165	710	1005	1605	1025	1080	380	1145	1080	1315	2675		980	625	1025	755	1360	925	775	1135
P. 77 22 149 28	3208 to 3217	1380	1695	1520	1520	2075	1380	900	550	855	1245	795	835	295	890	835	1020	2075		760	485	795	585	1055	715	600	880
P. 77 22 135 28	3204 to 3207	1380	1695	1520	1520	2075	1380	900	550	855	1245	795	835	295	890	835	1020	2075	2075	760	485	795	585	1055	715	600	880
P. 77 22 143 28	3201 to 3203	1380	1695	1520	1520	2075	1380	900	550	855	1245	795	835	295	890	835	1020	2075		760	485	795	585	1055	715	600	880
P. 77 17-28 143 28	3200	1305	1860	1440	1440	1960	1305	850	520	810	1175	750	790	280	840	790	965	1960		720	455	750	550	995	675	570	835
MK. 63 26 209 28	2166 to 2171	2430	3350	2630	2630	3535	2430	1540	935	1460	2120	1355					1740	3535									
MK. 57 23 208 30	2100 to 2165	2400	3300	2700	2700	3500	2400	1520	925	1440	2090	1335					1720	3495									
T. 63 22 160 28	1755 to 1760	1690	2400	1850	1850	2530	1690	1100	670	1045	1520	970	1020	360	1085	1020	1245	2530		930	590	970	715	1285	875	735	1075
T. 69 22 159 28	1742 to 1754	1540	2190	1690	1690	2315	1540	1005	615	955	1385	890	935	330	990	935	1135	2315		845	540	890	650	1175	800	675	985
T. 57 20 126 26	1737 to 1741	1360	1935	1500	1500	2040	1360	890	540	845	1225	780	825	290	875	825	1003	2040	2040	745	480	780	575	1035	705	590	865
T. 57 20 119 26	1733 to 1736	1290	1835	1420	1420	1935	1290	840	515	800	1160	740	780	275	830	780	950	1935	1935	710	450	740	545	985	670	560	820
T. 64 22 145 26	1731	1515	2155	1665	1665	2270	1515	985	600	940	1360	870	915	320	970	915	1115	2270	2270	830	530	870	640	1155	785	660	965
T. 64 15 145 26	1727 to 1730 1732	1235	1760	1360	1360	1855	1235	805	490	765	1210	710	750	265	795	750	910	1855	1855	680	430	710	520	940	640	540	790
T. 63 20 113 24	1715 to 1726	1045	1490	1150	1150	1570	1045	680	415	650	940	600	635	220	670	635	770	1570	1570	575	365	600	440	795	540	455	665
T. 63 19 92 24	1709 to 1714	810	1150	890	890	1215	810	530	320	500	729	465	490	170	520	490	595	1215	1215	445	280	465	340	615	420	350	515
T. 55 18 71 24	1701 to 1708	950	1070	825	825	1125	750	490	300	465	675	430	455	160	480	455	555	1125	1125	415	265	430	315	570	390	325	480
E. 62 18 62 26	1122 to 1123	855	1215	940	940	1280	855	555	340	530	770	490	515	180	550	515	630	1280	1280	470	300	490	360	650	440	370	545
E. 64 18 69 26	1114 to 1121	775	1100	850	850	1165	775	505	310	480	700	445	470	165	500	470	570	1165	1165	425	270	445	330	590	400	340	495
E. 57 17 51 24	1111	575	815	630	630	860	575	375	230	355	515	330	345	120	370	345	425	860	860	315	205	330	245	435	295	250	365
E. 63 17 55 24	1106 to 1108	560	800	620	620	845	560	365	225	350	505	325	340	120	360	340	415	845	845	310	200	325	235	430	290	245	360
E. 63 17 54 24	1102 to 1105	520	735	570	570	775	520	335	205	320	465	300	315	110	335	315	380	775	775	285	180	300	220	395	270	225	330
C. 57 22 187 30	730 to 768	2000	2850	2200	2200	3000	2000	1305	795	1240	1800	1150	1210	425	1285	1210	1475	3000		1100	700	1150	845	1525	1035	870	1275
C. 57 22 179 30	725 to 729	1850	2625	2030	2030	2775	1850	1205	735	1145	1665	1065	1120	395	1190	1120	1365	2775		1020	650	1065	780	1410	955	805	1180
C. 57 20 172 30	719 to 723	1560	2225	1720	1720	2345	1560	1020	620	970	1405	900	945	330	1005	945	1150	2345		855	550	900	665	1190	810	680	995
C. 57 20 167 30	710 to 715 718 & 724	1560	2225	1720	1720	2345	1560	1020	620	970	1405	900	945	330	1005	945	1150	2345		855	550	900	665	1190	810	680	995
C. 57 15 167 30	711 to 714 716 & 717	1600	2280	1760	1760	2400	1600	1045	635	990	1440	920	970	340	1030	970	1180	2400		880	560	920	675	1220	830	695	1020
C. 55 19 149 30	707 to 709	1545	2200	1700	1700	2320	1545	1010	615	960	1390	890	935	330	995	935	1140	2320		850	540	890	650	1180	800	675	985
C. 51 20 137 26	705 to 706	1480	2100	1630	1630	2220	1480	965	590	915	1330	850	895	315	950	895	1090	2220	2220	815	530	850	640	1130	765	645	945
C. 51 20 117 24	700 to 704	1180	1680	1300	1300	1775	1180	770	470	730	1065	680	715	250	760	715	870	1775	1775	650	415	680	500	900	610	515	755
C. 51 21 142 28	130, 133 138 & 139	1570	2230	1725	1725	2350	1570	1025	620	970	1410	900	950	335	1005	950	1155	2350	2350	860	550	900	665	1195	810	680	1000

RATING OF LOCOMOTIVES IN FREIGHT SERVICE IN TONS OF 2000 POUNDS. THIRD DIVISION

Total weight of train exclusive of engine and tender, which the different classes of locomotives will haul in each direction between the stations shown, under favorable weather conditions; (A deduction of ten (10) per cent may be made for time freight trains.) Between stations for which no rating is shown maximum will apply.

CLASSIFICATION	ENGINE NUMBERS	STARBUCK-PENDLETON SUB-DIVISION											YAKIMA BRANCH		WALLULA BRANCH		POMEROY BRANCH		DAYTON BRANCH				AMWACO BRANCH		CONNELL BRANCH			
		WESTWARD						EASTWARD					Westward	Eastward	Westward	Eastward	Westward	Eastward	WESTWARD		EASTWARD		Westward	Eastward	WESTWARD		EASTWARD	
		Starbuck to Alto	Alto to Bolles	Bolles to Walla Walla	Walla Walla to Milton	Milton to Weston	Weston to Pendleton	Pendleton to Walla Walla	Walla Walla to Bolles	Bolles to Alto	Alto to Starbuck	Yakima to Attalia	Attalia to Yakima	Walla Walla to Walla Walla	Walla Walla to Walla Walla	Pomerooy to Starbuck	Starbuck to Pomerooy	Turner to Dayton	Dayton to Bolles	Bolles to Dayton	Dayton to Turner	Bell to Hagen	Amwaco to Hagen	La Crosse to Hooper Jct.	Hooper Jct. to Connell	Connell to Hooper Jct.	Hooper Jct. to La Crosse	
TTT 63	29 1/4 288																											
	30	5400 to 5414																										
M. 57	18 91	175	455	500	560	260	915	495	430	325	915	1185	915	500	915	1245	500	590	1245	430	375	330	340	1185	500	475	430	
MC. 57	26-40 394	3800 to 3802																										
	30	3620 to 3629																										
MC. 57	26-41 464	3620 to 3629																										
	32	3500 to 3514																										
A. 81	20 106	230	595	655	735	340	1195	640	565	425	1195	1550	1195	655	1195	1630	655	775	1630	565	490	435	445	1550			560	
P. 77	25 178	380	980	1080	1205	560	1960	1055	930	700	1960			1080	1960	2675	1080					715	725	2545			925	
P. 77	25 167	380	980	1080	1205	560	1960	1055	930	700	1960			1080	1960	2675	1080					715	725	2545			925	
P. 77	22 149	295	760	835	930	435	1520	820	720	540	1520	1970	1520	835	1520	2075	835	985	2075	720	620	555	565	1970			715	
P. 77	22 135	295	760	835	930	435	1520	820	720	540	1520	1970	1520	835	1520	2075	835	985	2075	720	620	555	565	1970			715	
P. 77	22 143	295	760	835	930	435	1520	820	720	540	1520	1970	1520	835	1520	2075	835	985	2075	720	620	555	565	1970			715	
P. 77	17-28 143	280	720	790	880	410	1440	770	680	515	1440	1860	1440	790	1440	1960	790	930	1960	680	590	520	530	1860			675	
MK. 63	26 209	2166 to 2171																										
	28	2100 to 2165																										
MK. 57	23 1/2 208	2100 to 2165																										
	30	1755 to 1760																										
T. 63	22 160	360	930	1020	1140	530	1850	1000	880	660	1850	2405	1850	1020	1850	2530	1020	1200	2530	880	760	675	690	2405			875	
T. 69	22 159	330	845	935	1040	480	1690	905	800	605	1690	2205	1690	935	1690	2315	935	1100	2315	800	695	620	630	2205			800	
T. 57	20 126	290	745	825	920	430	1500	800	705	535	1500	1940	1500	825	1500	2040	825	970	2040	705	610	545	555	1940			705	
T. 57	20 119	275	710	780	870	405	1420	760	670	505	1420	1840	1420	780	1420	1935	780	920	1935	670	580	515	525	1840	780	740	670	
T. 64	22 145	320	830	915	1020	475	1665	895	785	595	1665	2155	1665	915	1665	2270	915	1100	2320	805	695	605	615	2155			785	
T. 64	15 1/2-26 145	265	680	750	835	390	1360	730	645	485	1360	1760	1360	750	1360	1855	750	880	1855	645	555	495	505	1760			640	
T. 63	20 113	220	575	635	705	330	1150	615	545	410	1150	1490	1150	635	1150	1570	635	745	1570	545	470	420	425	1490	635	600	540	
T. 63	19 92	170	445	490	545	255	890	480	420	320	890	1155	890	490	890	1215	490	575	1215	420	365	325	330	1155	490	465	420	
T. 55	18 71	160	415	455	505	235	825	445	390	295	825	1070	825	455	825	1125	455	535	1125	390	340	300	305	1070	455	430	390	
E. 62	18 62	180	470	515	575	270	940	505	445	335	940	1215	940	515	940	1280	515	610	1280	445	385	340	350	1215	515	490	440	
E. 64	18 69	165	425	470	525	240	850	460	405	305	850	1105	850	470	850	1165	470	550	1165	405	350	310	315	1105	470	445	400	
E. 57	17 51	120	315	345	385	180	630	340	300	225	630	820	630	345	630	860	345	410	860	300	260	230	235	820	345	330	295	
E. 63	17 55	120	310	340	380	175	620	330	295	220	620	800	620	340	620	845	340	400	845	295	255	225	230	800	340	325	290	
E. 63	17 54	110	285	315	350	165	570	300	270	205	570	740	570	315	570	775	315	370	775	270	235	205	210	740	315	300	270	
C. 57	22 187	425	1100	1210	1350	630	2200	1185	1040	785	2200	2850	2200	1210	2200	3000	1210					800	815	2850			1035	
C. 57	22 179	395	1020	1120	1250	580	2030	1095	960	726	2030	2635	2030	1120	2030	2775	1120	1320	2775	960	835	740	755	2635			955	
C. 57	20 1/2 172	330	855	945	1055	490	1720	925	810	615	1720	2225	1720	945	1720	2345	945	1110	2345	810	705	625	635	2225			810	
C. 57	20 1/2 167	330	855	945	1055	490	1720	925	810	615	1720	2225	1720	945	1720	2345	945	1110	2345	810	705	625	635	2225			810	
C. 57	15 1/2-26 167	340	880	970	1080	500	1760	945	830	630	1760	2280	1760	970	1760	2400	970	1140	2400	830	720	640	650	2280			830	
C. 55	19 149	330	850	935	1045	485	1700	915	805	610	1700	2205	1700	935	1700	2320	935	1100	2320	805	695	620	630	2205			800	
C. 51	20 137	315	815	895	999	465	1630	875	770	580	1630	2110	1630	895	1630	2220	895	1055	2220	770	665	590	605	2110	895	850	765	
C. 51	20 117	250	650	715	795	370	1300	700	615	465	1300	1685	1300	715	1300	1775	715	840	1775	615	530	475	480	1685	715	680	610	
C. 51	21 142	335	860	950	1060	495	1725	930	815	615	1725	2235	1725	950	1720	2350	950	1115	2350	815	705	625	640	2235	950	900	810	

RATING OF LOCOMOTIVES IN FREIGHT SERVICE IN TONS OF 2000 POUNDS

THIRD DIVISION

Total weight of train exclusive of engine and tender, which the different classes of locomotives will haul in each direction between the stations shown, under favorable weather conditions; (A deduction of ten (10) per cent may be made for time freight trains.) Between stations for which no rating is shown maximum will apply.

CLASSIFICATION	ENGINE NUMBERS	Moscow Branch	WALLACE BRANCH					ENAVILLE BRANCH	Sierra Nevada Branch	Burke Branch
		Eastward	WESTWARD			EASTWARD	EASTWARD	Westward	Westward	
			Colfax to Moscow	Lovell to Watt	Cataldo to Kellogg					Kellogg to Wallace
TTT. 63 29 1/2 288	5400 to 5414									
M. 57 18 24 91	4200 to 4208	500	345	915	530	315	530	125	125	125
MC. 57 26-40 30 394	3800 to 3802									
MC. 57 26-41 30 464	3620 to 3629									
A. 81 20 28 106	3500 to 3514		450	1195	695	410	690	165	165	165
P. 77 25 28 178	3226 to 3227		740	1960	1140	675	1135	270		270
P. 77 25 28 167	3218 to 3225		740	1960	1140	675	1135	270		270
P. 77 22 28 149	3208 to 3217		575	1520	885	520	880	210	210	210
P. 77 22 28 135	3204 to 3207	835	575	1520	885	520	880	210	210	210
P. 77 22 28 143	3201 to 3203		575	1520	885	520	880	210	210	210
P. 77 17-28 28 143	3200		540	1440	885	495	835	200	200	200
MK. 63 26 28 209	2166 to 2171									
MK. 57 23 1/2 30 208	2100 to 2165									
T. 63 22 28 160	1755 to 1760		700	1850	1080	635	1075	255	255	255
T. 69 22 28 159	1742 to 1754		640	1690	990	585	985	235	235	235
T. 57 20 26 126	1737 to 1741	825	565	1500	870	515	865	205	205	205
T. 57 20 26 119	1733 to 1736	780	535	1420	825	485	820	195	195	195
T. 64 22 26 145	1731	940	630	1665	970	570	965	230	230	230
T. 64 15 1/2-26 26 145	1727 to 1730 1732	750	515	1360	790	470	790	190	190	190
T. 63 20 24 113	1715 to 1726	635	435	1150	670	395	665	160	160	160
T. 63 19 24 92	1709 to 1714	490	335	890	520	305	575	125	125	125
T. 55 18 24 71	1701 to 1708	455	310	825	480	285	480	115	115	115
E. 62 18 26 62	1122 to 1123	515	355	940	545	320	545	130	130	130
E. 64 18 26 69	1114 to 1121	470	320	850	495	295	495	120	120	120
E. 57 17 24 51	1111	345	240	630	365	215	365	85	85	85
E. 63 17 24 55	1106 to 1108	340	235	620	360	210	360	85	85	85
E. 63 17 24 54	1102 to 1105	315	215	570	330	195	330	80	80	80
C. 57 22 30 187	730 to 768		830	2200	1280	755	1275	305	305	305
C. 57 22 30 179	725 to 729		770	2030	1185	700	1180	280	280	280
C. 57 20 1/2 30 172	719 to 723		650	1720	1000	590	995	240	240	240
C. 57 20 1/2 30 167	710, 715 718 & 724		650	1720	1000	590	995	240	240	240
C. 57 15 1/2-26 30 167	711 to 714 716 & 717		665	1760	1025	605	1020	245	245	245
C. 55 19 30 149	707 to 709		640	1700	990	585	985	235	235	235
C. 51 20 26 137	705 to 706	895	615	1630	945	560	945	225	225	225
C. 51 20 24 117	700 to 704	715	490	1300	755	445	755	180	180	180
C. 51 21 28 142	130, 133 138 & 139	950	650	1725	1005	590	1000	240	240	240

CLASS

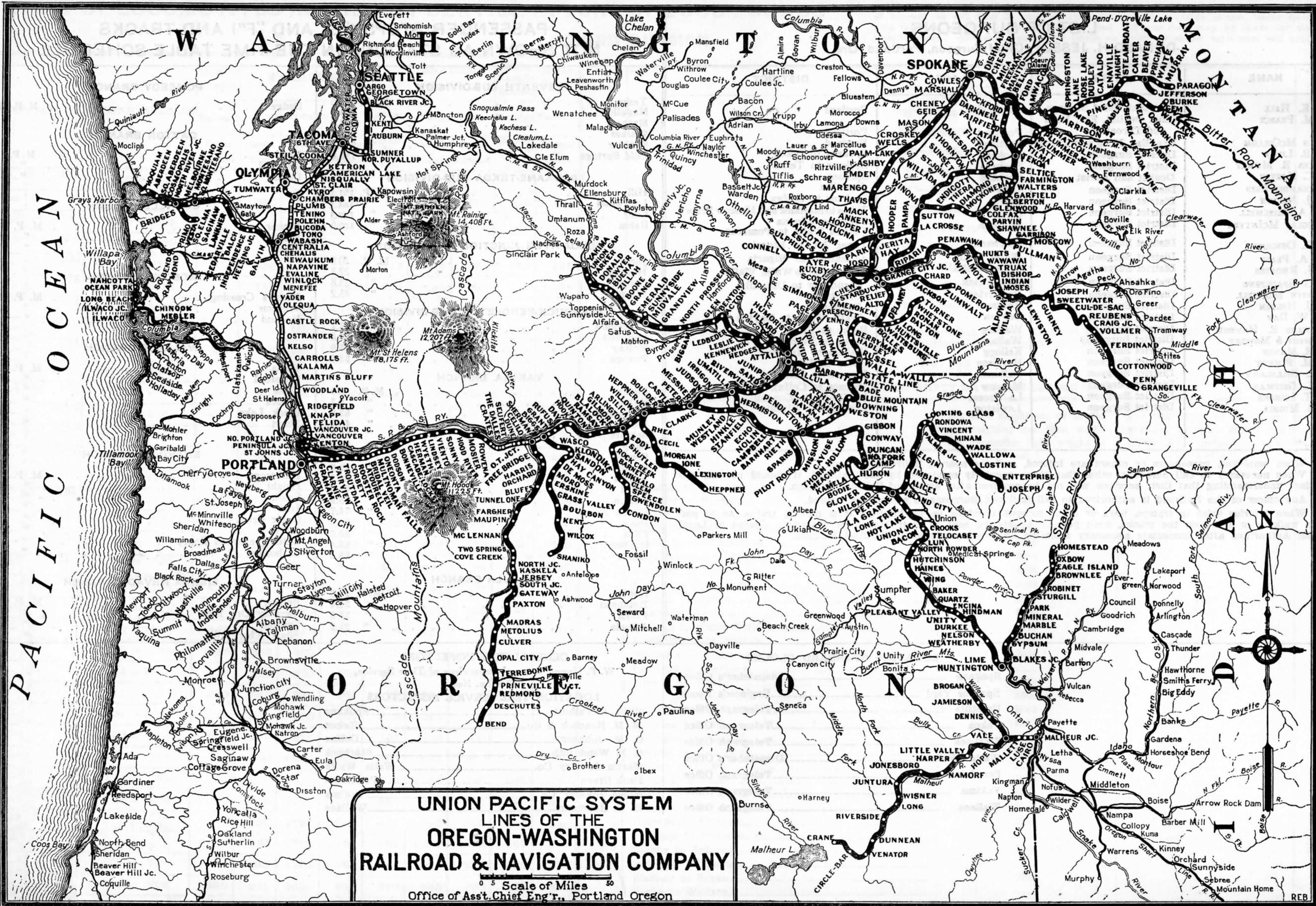
- "E"—Eight Wheel
- "A"—Atlantic
- "P"—Pacific
- "T"—Ten Wheel
- "M"—Mogul
- "C"—Consolidation
- "TW"—Twelve Wheel
- "S"—Switch
- "MK"—Mikado
- "TTT"—Two-Ten-Two
- "MC"—Mallet Compound

Example: Consolidation engine having 57-inch drivers, cylinders 22-inch diameter and 30-inch stroke, and weighing 187,000 pounds on Drivers:

C. 57 22 187
30

ALLOWANCE FOR EMPTY OR UNDER-LOADED CARS

	For each empty car or loaded car weighing less than 40,000 lbs. (including light weight of car.)	For each empty or loaded car weighing between 40,000 and 50,000 lbs. (including light weight of car.)
Spokane to Umatilla	6000	3000
Umatilla to Spokane	6000	3000
Spokane to Tekoa	3000	---
Tekoa to Spokane	3000	---
Tekoa to Ayer Junction	3000	---
Ayer Junction to Tekoa	3000	---
Starbuck to Pendleton	3000	---
Pendleton to Starbuck	3000	---
Yakima to Attalia	6000	3000
Attalia to Yakima	6000	3000
Wallula to Walla Walla	6000	---
Walla Walla to Wallula	6000	3000
Starbuck to Pomeroy	3000	---
Pomeroy to Starbuck	---	---
Turner to Bolles	3000	---
Bolles to Turner	3000	---
Bell to Amwaco	3000	---
Amwaco to Bell	3000	---
LaCrosse to Connell	---	---
Connell to LaCrosse	3000	---
Moscow to Colfax	---	---
Colfax to Moscow	3000	---
Tekoa to Burke	3000	---
Burke to Tekoa	3000	---
Enaville to Prichard	3000	---
Prichard to Enaville	---	---
Beaver to Jefferson	3000	---
Jefferson to Beaver	---	---
Wallace to Burke	3000	---
Burke to Wallace	---	---



UNION PACIFIC SYSTEM
LINES OF THE
OREGON-WASHINGTON
RAILROAD & NAVIGATION COMPANY

0 5 Miles 50

Office of Asst. Chief Eng'r., Portland Oregon