



SPOKANE DIVISION

TIME TABLE No. 32.

**EFFECTIVE 12:01 A. M.
PACIFIC TIME**

SUNDAY, JULY 12, 1931.

J. M. DOYLE, Superintendent.

J. B. SMITH, General Superintendent Transportation.

J. H. O'NEILL, General Manager.

2 WESTWARD

FIRST SUBDIVISION—HILLYARD AND WENATCHEE.

EASTWARD

THIRD CLASS			SECOND CLASS	FIRST CLASS						Car Capacity		Time Table No. 32		SIGN		FIRST CLASS					SECOND CLASS				THIRD CLASS					
693	691	697	381		255	45 Spanda No. 1	1	3	27	5				Effective July 12, 1931.				2	28	4	46 Spanda No. 2	256		448	450	382	454	698	694	692
Local Freight	Local Freight	Local Freight	Mixed		Motor	Passenger	Passenger	Passenger	Fast Mail	Passenger		Bed Size	Other Seats	Ratio Numbers	Distance from Hillyard	Telegraph Code	Distance from Wenatchee	Passenger	Fast Mail	Passenger	Passenger	Motor		Freight	Freight	Mixed	Freight	Local Freight	Local Freight	Local Freight
Tue. Thu. and Sat.	Mo. Wed. and Fri.	Daily Ex. Sun.	Monday Thur.		Daily Ex. Sun.	Daily	Daily	Daily	Daily	Daily								Daily	Daily	Daily	Daily	Daily Ex. Sun.		Daily	Daily	Monday Thur.	Daily	Daily Ex. Sun.	Mo. Wed. and Fri.	Tu. Thur. and Sat.
L. M. 5:40					L. M. 4:35	L. M. 9:15	L. M. 8:45	L. M. 6:47			Yard	2558	1400	0.0	DOUBLE TRACK	Depot HU 179.25	RKDNPW C O X	A. M. 8:00	A. M. 8:45	A. M. 10:45		A. M. 8:40		A. M. 10:45	A. M. 6:15		A. M. 1:45		A. M. 2:30	
5:55					4:45	9:25	8:55	6:55				1472	3.88		HILLYARD.....	175.57	DNP	7:50	8:35	10:35		8:30		10:20	5:50		1:20		2:05	
6:00					A. M. 4:50	L. M. 9:45	A. M. 9:00	7:00	L. M. 8:00	Yard	644	1473	4.85		O.-W. R. & N. Jct.....	DS-Q 174.40	RKDNPW X	7:45	8:30	10:30		A. M. 8:40		10:10	5:40		1:15		1:55	
6:15						A. M. 9:50	10:05	7:35	8:05	60	28	1477	7.50		SPokane.....	PW 171.95	DNP	7:22	8:03	8:32		A. M. 7:10		9:55	5:30		1:05		1:40	
6:40								7:47	8:17	60	8	1481	13.95		PORT WRIGHT.....	YA 162.04	P	7:10	7:51	8:19				9:40	5:15		12:51		1:20	
7:04								7:53	8:23	60	15	1485	17.21		HIGHLAND.....	158.65	DNP	7:04	7:45	8:12				9:30	5:05		12:42		1:05	
7:37								8:02	8:31	70	50	1493	22.60		LYONS.....	152.56	P	6:56	7:37	8:02				9:15	4:55		12:30		12:45	
8:00								8:07	8:37	130	30	1496	26.60		GALENA.....	146.07	P	6:49	7:31	7:54				9:05	4:45		12:20		12:30	
8:47								8:16	8:47	70	80	1502	33.18		ESPANOLA.....	140.35	DPW	6:40	7:21	7:44				8:47	4:30		11:55		12:05	
9:25								8:24	8:56	129	35	1508	38.90		WAUKON.....	136.65	P	6:32	7:12	7:36				8:20	4:15		11:35		11:40	
9:40									9:02	20	1512	42.60		EDWALL.....	131.15	DNP	6:18	6:57	7:20										11:05	
10:05								8:37	9:11	70	46	1517	48.10		CANBY.....	123.74	DNPW	6:06	6:45	7:09				7:55	3:45		11:05		10:45	
10:40								8:48	9:22	95	1024	55.51		DOUBLE TRACK	117.02	P	5:55	6:34	6:57				7:25	3:15		10:25		10:10		
11:05								8:58	9:31	108	46	1531	62.23		BLUESTEM.....	113.31	P	5:49	6:28	6:51				7:00	2:50		10:00		8:35	
11:20								9:04	9:37	0	49	1535	65.94		HARRINGTON.....	108.85	DNPW	5:42	6:21	6:43				6:45	2:35		9:50		8:20	
11:45								9:11	9:43	69	35	1539	70.40		MOHLER.....	103.27	P	5:33	6:11	6:34				6:30	2:20		9:35		8:05	
12:05								9:19	9:51	94	16	1544	75.98		DOWNES.....	98.42	DNP	5:25	6:03	6:26				6:20	2:05		9:19		7:45	
12:35								9:26	9:59	69	109	1550	80.83		L.A. MONA.....	93.84	P	5:18	5:55	6:18				6:15	1:45		8:45		7:20	
12:55								9:33	10:06	70	15	1555	85.41		NEMO.....	89.51	PW	5:11	5:48	6:11				6:10	1:35		8:35		6:55	
1:20								9:39	10:12	113	25	1558	89.74		ODESSA.....	82.04	D P	4:59	5:37	6:00				6:05	1:20		8:25		6:35	
1:50								9:50	10:24	69	33	1566	97.21		SEWARD.....	75.42	DNPW	4:48	5:27	5:49				4:45	1:00		8:05		6:03	
7:00								10:00	10:36	182	138	1573	103.83		IRBY.....	67.60	P	4:34	5:16	5:35				4:20	12:40		7:45		5:30	
7:35								10:11	10:47	129	19	1580	111.65		MARLIN.....	62.28	D P	4:25	5:09	5:27				3:45	12:05		7:15		11:45	
8:10								10:18	10:55	137	132	1588	116.97		WILSON CREEK.....	57.68	P	4:15	5:01	5:19				3:30	11:40		7:00		10:55	
8:35									11:02	20	1591	121.57		DOUBLE TRACK	52.28	DNPW	4:08	4:54	5:10										10:35	
9:10								10:32	11:11	129	58	1596	126.97		STRATFORD.....	47.13	P	4:00	4:46	5:01				3:00	11:11		6:35		10:05	
9:40								10:40	11:19	70	7	1601	132.12		ADRIAN.....	42.00	P	3:52	4:39	4:54				2:45	10:40		6:15		9:40	
10:15								1:03	10:48	69	15	1606	137.19		SOAP LAKE.....	35.92	DNPW	3:42	4:31	4:44				2:35	10:15		6:00		9:10	
10:40								1:14	10:57	95	104	1612	143.33		EPHRATA.....	30.79	P	3:33	4:23	4:35				2:18	9:55		5:45		8:45	
11:00								1:22	11:06	73	4	1617	148.46		NAYLOR.....	25.19	DPW	3:23	4:14	4:26				1:55	9:35		5:25		8:20	
11:35								1:16	11:57	123	19	1623	154.06		WINCHESTER.....	19.91	P	3:14	4:05	4:17				1:32	9:18		5:05		7:50	
12:05								1:41	11:25	69	5	1628	159.34		QUINCY.....	15.88	DPW	3:07	3:59	4:10				1:05	9:01		4:50		7:30	
12:50								1:48	11:32	70	52	1632	163.37		CRATER.....	11.31	P	2:59	3:51	4:02				12:45	8:50		4:38		7:10	
1:20								1:56	11:40	70	13	1637	167.94		TRINIDAD.....	6.91	P	2:50	3:43	3:53				12:32	8:35		8:05		6:50	
1:40								2:04	11:49	70	23	1641	173.34		VULCAN.....	6.91	P	2:50	3:43	3:53				12:20	8:20		7:50		6:15	
2:00								2:12	11:57	1082	1645	177.08		DOUBLE TRACK	5.25	RKDNPW OC X	2:40	3:35	3:45				12:01	8:00		7:35		6:45		
								2:15	12:01	1085	1648	179.25		COLUMBIA RIVER.....	5.25	RKDNPW X	2:35	3:30	3:40										6:50	
														ROCK ISLAND.....	5.25	RKDNPW X	2:35	3:30	3:40											
														MALAGA.....	5.25	RKDNPW X	2:35	3:30	3:40											
														APPELYARD.....	5.25	RKDNPW X	2:35	3:30	3:40											
														WENATCHEE.....	5.25	RKDNPW X	2:35	3:30	3:40											
Time Over Subdivisions Average Speed Per Hour																5.25	5.15	7.05	33.00	19.39		19.44	10.15	17.28	4.5	9.45	15	9.60		
																33.09	34.14	25.30	33.00	19.39		16.30	17.28	21.17	18.10	8.08	11.60	11.53		

See Special Rules on Page 3.

Special Rules First Subdivision.

Westward trains are superior to eastward trains of the same class.
No. 27 is superior to all trains.

Opposing first class trains will clear No. 27 five (5) minutes.

Other opposing trains will clear No. 27 ten (10) minutes.

All westward trains must be clear at the time No. 27 is due to leave the next station in the rear where time is shown, but not less than five (5) minutes.

Extra trains may use double track with the current of traffic without running orders, provided they secure proper clearance card Form A from Superintendent.

Trains 1, 2, 3, 4 and 27 register by card at Hillyard.

Only first class trains and trains originating at Spokane Passenger Station will register and receive clearance card Form A.

First class trains register by card at Appleyard.

Register at Columbia River for trains originating and terminating at this station. Siding at Adrian is used jointly by N. P. and G. N. trains between N. P. connection and depot (See Rule 105). Normal position of N. P. connection switch is for siding.

Maximum speed permitted within city limits Spokane twenty (20) miles per hour.

INTERLOCKING.

HILLYARD—

Whistle signals for movements through plant:

Eastward Trains:

To Main Yard—1 long, 1 short.

To West Yard—1 long, 1 short, 1 long.

Both Westward and Eastward trains:

To cross over to opposing track, 2 long, 1 short.

O.-W. R. & N. JCT.

Whistle signals for tracks with switches controlled from interlocking tower:

O.-W. R. & N. Junction—Main Line—1 long.

O.-W. R. & N. Transfer No. 1—1 long, 1 short.

O.-W. R. & N. Transfer No. 2—2 long, 1 short.

FORT WRIGHT—

Switches east and Fort Wright are operated from Interlocking Tower and signals are located as follows:

Home signal for westward trains is located 55 feet east of main line switch leading to S. P. & S. Ry. and has three arms. Top arm at 90 degrees up is for main line, second arm at 90 degrees up is for S. P. & S. Ry. and third arm is for siding.

Home signal eastward for G. N. Ry. is located 600 feet west of east main line switch, on right hand side of siding going east and is a bracket pole, top arm is for main line trains, lower arm is fixed and denotes home signal and derail 55 feet ahead of same.

Home signal on S. P. & S. Ry. is located 580 feet from east main line switch and has two arms. Top arm governs all trains entering G. N. track, lower arm is fixed and denotes home signal and derail 55 feet ahead of same.

Derailed on siding is located 400 feet from frog and is governed by dwarf signal 55 feet from derail.

Eastward Distant Signal on G. N. Ry. is located 3700 feet west of Eastward Home Signal.

S. P. & S. Distant Signal is located at west end of tunnel No. 19.

Double track switch located 20 feet East of Bridge 274 and derail located on Westward main line 600 feet East of the double track switch, are electrically operated from Fort Wright tower, and semaphore signals govern train movements over switches and derails.

Eastward trains stopped by semaphore signals governing double track switch and derail on East end of Bridge 274 will communicate with Fort Wright tower verbally, and Westward trains will communicate by phone located on East end of Bridge 274. If necessary to pass signal in Stop position the derail and switch to be spiked before proceeding.

See Rule 605

Whistle signals for tracks with switches controlled from Interlocking Tower:

Main Line, G. N. Ry.—1 short, 1 long.

Main Line, S. P. & S. Ry.—1 long, 1 short.

Siding, G. N. Ry.—2 long, 1 short.

West yard limit Spokane is one mile west of Fort Wright.

SOUTHWARD. SECOND SUBDIVISION NORTHWARD. COLUMBIA RIVER AND MANSFIELD.

SECOND CLASS		Car Capacity				Time Table No. 32		Distance from Columbia River		SIGNS		382	
381				Station Numbers		Effective July 12, 1911.						Mixed	
Mixed				Other Tracks		Distance from Mansfield		STATIONS				Mon. and Thurs.	
Mon. and Thurs.				Sidings				Distance from Columbia River				Mon. and Thurs.	
L. Pm 1:30		41	48	CH 60	0.0	MANSFIELD		60.39	RDPWC V	A Pm 12:40			
						5.49							
	f 1:40		30	CH 55	8.40	TOUHEY		54.99	P		12:20		
						5.98							
	* 2:10		50	CH 49	11.38	WITHROW		49.01	P		12:01 Pm		
						5.56							
	f 2:30		30	CH 44	16.94	SUPPLIEE		43.45	P		11:30		
						6.59							
	* 3:00		62	CH 38	23.93	DOUGLAS		36.46	D P		11:05		
						5.27							
	* 3:25		30	CH 31	29.20	ALSTOWN		31.19	PW		10:10		
						9.84							
	f 4:05		24	CH 21	30.04	McCUE		21.35	P		9:30		
						5.28							
	* 4:45		35	CH 16	44.62	PALISADES		15.77	PW		9:10		
						5.12							
	f 5:00		30	CH 11	49.74	APPLEDALE		10.65	P		8:55		
						5.20							
	f 5:15		24	CH 5	55.00	MOSES COULEE		5.39			8:40		
						5.20							
	A Pm 5:30			1632	60.39	COLUMBIA RIVER		0.0	RDPWP		L. Am 8:25		
											4.15		
	4.00										14.21		
	15.09												
												Time Over Subdivision Average Speed Per Hour	

Special Rules.

Northward trains are superior to southward trains of the same class.

SOUTHWARD. THIRD SUBDIVISION NORTHWARD. 3 WENATCHEE AND OROVILLE.

THIRD CLASS	FIRST CLASS	Car Capacity		Station Numbers	Distance from Oroville	Time Table No. 32	Distance from Wenatchee	SIGNS	FIRST CLASS	THIRD CLASS		
697	253	Local Freight	Passenger	Sidings	Other Tracks	Effective July 12, 1911.	Telegraph Call		254	698		
Daily Ex. Sun	Daily Ex. Sun					STATIONS			Mixed Daily Ex. Sun	Local Freight Daily Ex. Sat		
L. Pm 6:30	L. Pm 1:30				80 71	0.0	OROVILLE	VR	137.24	RKDWPW X	A Pm 12:30	A Pm 6:30
					WO 132	5.75	5.75					
f 6:50	f 1:43	0	35		WO 122	5.75	CORDELI		121.49		12:08	6:05
					WO 126	11.03	5.28					
f 7:10	f 1:53	0	34		WO 120	11.03	ELLISFORD		126.21		11:57	6:48
					WO 120	16.96	5.93					
s 7:40	s 2:08	0	71		WO 120	16.96	TONASKET	ON	129.28	DPW	11:46	6:30
					WO 118	21.79	4.83					
f 8:00	f 2:17	0	34		WO 118	21.79	JANIS		118.48		11:31	6:05
					WO 110	27.22	6.45					
f 8:18	f 2:27	0	34		WO 110	27.22	BAKER		116.02		11:21	4:46
					WO 105	32.51	5.29					
s 8:40	s 2:38	0	30		WO 105	32.51	RIVERSIDE	R S	104.73	DPW	11:10	4:26
					WO 100	36.69	4.18					
f 9:00	f 2:47	0	35		WO 100	36.69	CHEROKEE		100.55		10:58	4:00
					WO 96	41.54	4.85					
*10:00	*3:01	66	214		WO 96	41.54	OMAK	M K	95.70	DP	10:48	3:46
					WO 92	45.74	4.20					
*10:33	*3:16	55	92		WO 92	45.74	OKANOGAN	K N	91.60	DPW	10:33	3:00
					WO 87	50.67	4.93					
10:55	3:26	0	34		WO 87	50.67	CHILLOWIST		86.57		10:17	2:25
					WO 83	54.60	3.93					
11:15	3:36	0	35		WO 83	54.60	MALOTT	M A	82.64		10:08	2:05
					WO 78	60.85	6.25					
11:35	3:50	0	35		WO 78	60.85	WAKEFIELD		78.39	W	9:55	1:30
12:01	4:01	0	34		WO 72	65.58	4.72					
					WO 65	72.25	6.07					
12:45	4:17	50	61		WO 65	72.25	BREWSTER	B R	64.99	DP	9:30	12:48
					WO 59	78.33	6.08					
*1:30	*4:36	R 40 W66	207		WO 59	78.33	PATEROS	R O	58.91	DPWCX	9:16	12:05
					WO 53	83.90	5.47					
f 1:50	f 4:47	0	34		WO 53	83.90	STARR		53.44		8:59	11:20
					WO 50	87.48	3.66					
f 2:10	f 4:57	0	34		WO 50	87.48	WELLS		49.78		8:51	11:05
					WO 44	93.19	5.73					
f 2:35	f 5:09	0	35		WO 44	93.19	HUGO		44.05		8:40	10:46
					WO 39	98.30	5.11					
s 3:20	s 5:26	54	83		WO 39	98.30	CHELAN	H N	38.94	DPW	8:29	10:28
						99.48	1.16					
*3:30	*5:28	38	40			99.48	CHELAN FALLS		37.78		8:20	10:10
					WO 32	105.31	5.85					
f 4:00	f 5:40	0	40		WO 32	105.31	STAYMAN		31.93		8:09	9:26
					WO 26	111.22	5.92					
f 4:27	f 5:53	0	43		WO 26	111.22	WINEAP		26.01		7:57	8:55
					WO 19	118.34	7.11					
s 5:05	s 6:10	66	86		WO 19	118.34	ENTIAI	N I	18.90	DPW	7:43	8:30
					WO 14	123.64	5.30					
f 5:30	f 6:21	0	39		WO 14	123.64	WAGNERSBURG		13.60		7:29	7:55
					WO 8	129.27	5.63					
f 5:55	f 6:32	0	31		WO 8	129.27	ZENA		7.97		7:18	7:36
					WO 3	132.75	4.48					
f 6:20	f 6:47	0	56		WO 3	132.75	3.49					
						137.24	0.0					
A 6:36	A 7:00				1048	137.24	WENATCHEE		0.0	RKDNPW X	L. Am 7:00	L. Pm 7:00
12 65	5:30						Time Over Subdivision Average Speed Per Hour				5:30	11:30
12 65	5:30										21 93	11:30

Special Rules.

Northward trains are superior to southward trains of the same class.

Normal position Junction switch at first crossover just west of Ice House, Wenatchee, is for main line.

Before entering main line at Wenatchee a flagman must be sent out to protect against main line trains.

4 SOUTHWARD. FOURTH SUBDIVISION—DEAN AND MARCUS. NORTHWARD.

THIRD CLASS 701	FIRST CLASS 255	Car Capacity		Stations	Distance from Marcus	Time Table No. 32 Effective July 12, 1931.		Telephone Code	Distance from Deak	SIGNS	FIRST CLASS 256	THIRD CLASS 702
Local Freight Daily Ex. Sunday	Motor Daily Ex. Sunday	Sidings	Other Tracks			Motor Daily Ex. Sunday	Local Freight Daily Ex. Sunday					
1. 5-05pm	1. 1-00pm	40	148	SA 87	0.00	MARCUS.....	MS	87.12	RK DN WC YX	A 12-20pm	A 4-10pm	
* 5-40	* 1-18	30	30	SA 82	5.30	MEYER'S FALLS.....	MF	81.83	D	*12-06pm	* 3-40	
* 6-00	* 1-26	0	13	SA 77	10.80	PALMERS.....		78.23		*11-52	* 3-15	
* 6-30	* 1-36	0	114	SA 78	13.85	COLVILLE.....	VD	73.27	D W	*11-44	* 2-55	
* 6-50	* 1-43	0	21	SA 71	17.55	ORIN.....		66.47		*11-32	* 2-30	
* 7-10	* 1-48	40	8	SA 67	20.35	ARDEN.....		66.77		*11-26	* 1-55	
* 8-10	* 2-01	0	20	SA 59	27.74	ADDY.....	AD	60.28	D W	*11-12	* 1-15	
* 9-30	* 2-21	28	54	SA 50	35.95	CHEWELAH.....	CH	50.17	D X	*10-53	*12-40pm	
*10-39	* 2-35	40	40	SA 43	44.53	VALLEY.....	VY	43.00	D Y X	*10-39	*11-56	
701 *11-30	* 2-47	0	30	SA 38	49.76	GRAYS.....		37.36		*10-26	701 *11-30	
		0	18	SA 34	53.19	CLINE.....		33.93				
*12-10pm	* 2-59	39	17	SA 23	54.46	SPRINGDALE.....	SY	23.66	D W	*10-15	*10-46	
* 1-10	* 3-18	40	21	SA 26	62.57	LOON LAKE.....		24.66		* 9-56	* 9-56	
* 1-35	* 3-34	0	44	SA 18	69.37	CLAYTON.....	CN	17.78	D	* 9-39	* 8-50	
* 1-40	3-37	0	24	SA 17	70.26	CHRISTIANSON.....		16.86		9-36	* 8-20	
* 2-00	* 3-45	50	46	SA 12	74.54	DEER PARK.....	DE	13.48	D W	* 9-28	* 7-50	
* 2-15	* 3-53	0	18	SA 9	78.23	DENISON.....		8.89		* 9-18	* 6-35	
* 2-35	* 4-05	40	16	SA 4	83.35	WAYSIDE.....		8.77		* 9-07	* 6-00	
A 2-55pm	A 4-16pm	40	40	1480	87.12	DEAN.....	DF	0.0	R DN X	L 9-00pm	L 5-40pm	
9 50	3 16					Time Over Subdivision						3 20
8 58	28 44					Average Speed Per Hour						26 12
											10 30	
											8 29	

Special Rules.

Northward trains are superior to southward trains of the same class.

Trains 255 and 256 will stop on flag at Blue Creek, Buckeye, Holland Horr Spur, Kulsers and Mission. Mission is 1.6 miles south of Meyers Falls.
The normal position of Junction switch at Marcus is for Fifth Subdivision.
Northward trains will stop and make service test of air brakes at Meyers Falls before descending Marcus Hill.
Water at Kulsers spur, 1.7 miles south of Valley.

SOUTHWARD. FIFTH SUBDIVISION—MARCUS AND NELSON. NORTHWARD.

THIRD CLASS	FIRST CLASS	Car Capacity		Stations	Distance from Nelson	Time Table No. 32 Effective July 12, 1931.	Telegraph Code	Distance from Marette	SIGNS	FIRST CLASS	THIRD CLASS
703	259	Buildings	Other Tracks							260	704
Local Freight	Motor									Motor	Local Freight
Tue., Thur. and Sat.	Daily Ex. Sunday									Daily Ex. Sunday	Mon., Wed. and Fri.
L 6.00am				SA 18R	0.00	NELSON	BC	99.01	R DNWC D P		A 4.00pm
TRAINS BETWEEN TROUP JCT. AND NELSON BE GOVERNED BY C. P. RY. TIME TABLE AND RULES											
* 6.30		0	0	SA 181	5.45	TROUP JUNCTION.....		93.58	R	YP	* 3.30
* 7.00	L 8.00am	27	SA 176	10.28		SOUTH NELSON.....		88.75	W	A 4.45pm	* 3.05
* 7.45	* 8.20	0	18	SA 169	17.08	APEX.....		81.98		* 4.25	* 2.30
* 8.00	* 8.30	0	18	SA 166	20.38	HALL.....		78.63		* 4.15	* 2.05
* 8.25	* 8.50	0	18	SA 159	27.50	VMIR.....		71.51	W	* 3.57	* 1.20
* 8.42	* 9.01	0	9		31.86	BOULDER MILL.....		67.18		* 3.46	*12.55
* 8.55	* 9.10	0	58	SA 152	38.18	SALMO.....	BO	63.86	D	* 3.37	*12.40
* 9.17	* 9.17	0	15	SA 148	37.37	ERIE.....		61.14		* 3.27	*12.20
* 9.30	* 9.24	0	30	SA 145	40.74	MEADOWS.....		58.27		* 3.19	*12.08pm
* 9.55	* 9.41	0	18	SA 136	50.42	FRUITVALE.....		48.59		* 2.57	*11.35
*10.15	* 9.54	0	7	SA 130	55.74	COLUMBIA GARDENS.....		45.27		* 2.42	*10.55
*10.50	*10.06	0	14	SA 127	59.87	WANETA, B. C.....	WN	39.44	D	* 2.31	*10.30
*11.00	*10.12	0	39	SA 128	61.68	BOUNDARY, U. S.....		37.33		* 2.16	*10.12
*11.30	*10.34	0	11	SA 118	68.48	HANLEY.....		30.56		* 1.58	* 9.30
*12.10pm	*10.50	40	89	SA 116	70.48	NORTHPORT.....	NP	28.63	RK D W YX	* 1.50	* 9.15
* 1.30	*11.08	0	7	SA 107	78.76	MARBLE.....		20.28		* 1.30	* 8.20
* 2.30	*11.33	0	18	SA 96	90.23	BOSSBURG.....		8.78		* 1.06	* 7.45
A 3.30pm	A 1.55pm	40	148	SA 87	99.01	MARCUS.....	MR	0.00	RK DNWC YX	L 12.45pm	L 7.00pm
9.30 10.42	3.55 22.58					Time Over Sub-Division Average Speed Per Hour				4.00 22.18	8.00 10.09

Special Rules.

Southward trains are superior to northward trains of the same class.

Trains 259 and 260 will stop on flag at Evans, Lane and Bronsons Spur, Kane, Stroh Spur, Parks, Benton, Baskins and Geverts Spur, Porto Rico, Wileys Spur and Marble Timber Co's Plant.
Northward trains will stop and make service test of air brakes at Apex before descending Nelson Hill.
Trains must come to a stop before reaching Troup Junction switch and must know track is clear before using Canadian Pacific Main Track.
Trains will not leave Border Stations until conductor has reported to and received clearance from Customs Officer.
Water four miles south of Marble and three miles south of Fruitvale.

WESTWARD.				SIXTH SUBDIVISION— MARCUS AND REPUBLIC.										EASTWARD.			
SECOND CLASS		Car Capacity	Siding	Other Tracks	Station Numbers	Distance from Marcus	Time Table No. 32 Effective July 12, 1931.	Telegraph Cuts	Distance from Republic	SIGNS	SECOND CLASS	392	394	SECOND CLASS	392	394	SECOND CLASS
393	391																
Mixed Mon. and Fri.	Mixed Wednesday										Mixed Thursday	Mixed Tue. and Sat.		Mixed Thursday			
L. 12:45 P. 12:45	L. 12:45 P. 12:45	40	148	SA 87	0.00		MARCUS	MR	73.36	RKDNWC Y	A. 12:30 P. 12:30	A. 12:30 P. 12:30					
							BOYDS		67.91								
f 1:10	f 1:10	31	80	5	5.45		BARSTOW		63.24		f 11:50	f 11:50					
f 1:25	f 1:25	31	80	10	10.12		DULWICH		58.01	W	f 11:30	f 11:30					
f 1:45	f 1:45	31	80	15	15.35		ORIENT		56.40		f 11:25	f 11:25					
f 2:00	f 2:00	0	7	SD 17	16.90		HUGHES		52.13		f 11:10	f 11:10					
f 2:15	f 2:15	0	12	SD 22	21.23		LAURIER, WASH.		46.04		* 10:45	* 10:45					
* 2:55	* 2:55	0	18	SD 27	27.32		GRAND FORKS	GR	34.70		* 10:00	* 10:00					
* 3:30	* 3:30	0	4	SD 42	38.68		GRAND FORKS JCT.		33.24	Y	9:55	9:55					
3:35	3:35	0	0	SD 40	40.12		DANVILLE, WASH.	NA	31.62	W	* 9:50	* 9:50					
* 3:50	* 3:50	0	40	SD 42A	41.74		HURLBURT		27.49		f 9:20	f 9:20					
f 4:05	f 4:05	0	11	SD 48	45.87		CURLEW	W	21.20	R D W Y	L. 9:00 P. 9:00	L. 9:00 P. 9:00					
* 4:30	* 4:30	48	SD 52	52.16			MALO		15.12								
f 4:50	f 4:50	33	SD 58	58.24			POLLARD		8.58	W							
f 5:15	f 5:15	0	16	SD 65	64.78		TORBOY		4.90								
f 5:30	f 5:30	34	SD 68	68.46			REPUBLIC	Z	0.00	RKD W Y	L. 7:30 P. 7:30	L. 7:30 P. 7:30					
A. 5:45 P. 5:45	A. 5:45 P. 5:45	45	33	SD 73	73.36												
5:00 14.67	3:45 13.92						Time Over Subdivision Average Speed Per Hour				3:30 14.90	5:00 14.67					

Special Rules—Sixth Subdivision.

Eastward trains are superior to westward trains of the same class.
Normal position of Junction switch at Marcus is for Fifth subdivision.
Normal position of Junction switch at Curlew is for Sixth subdivision.
Trains will not leave Border Stations until Conductor has reported to and received clearance from Customs officers.
All trains stop on flag at Karamin and Rock Cut.

Special Rules—Seventh Subdivision.

Eastward trains are superior to westward trains of the same class.
Normal position of Junction switch at Curlew is for Sixth subdivision.
Service air test must be made before leaving Molson.
Trains will not leave Border Stations until conductor has reported to and received clearance from Customs officers.

Special Rules—Eighth Subdivision.

Eastward trains are superior to westward trains of the same class.
Trains will not leave Border Stations until Conductor has reported to and received clearance from Customs officers.
Trains 396 and 397 will stop on flag at Ruby Mine Spur.
Normal position of switch at K. V. Jct. is for K. V. Ry. main track.

WESTWARD.				SEVENTH SUBDIVISION—CURLEW AND MOLSON.										EASTWARD. 5			
SECOND CLASS		Car Capacity	Siding	Other Tracks	Station Numbers	Distance from Curlew	Time Table No. 32 Effective July 12, 1931.	Telegraph Cuts	Distance from Molson	SIGNS	SECOND CLASS	392	394	SECOND CLASS	392	394	SECOND CLASS
391	393																
Mixed Wednesday	Mixed Thursday										Mixed Thursday	Mixed Tue. and Sat.		Mixed Thursday			
L. 4:30 P. 4:30	L. 4:30 P. 4:30	48	0	SD 52	0.00		CURLEW	W	45.31	R D W Y	A. 8:55 P. 8:55	A. 8:55 P. 8:55					
f 4:45	f 4:45	29	NG 6	5.70			PAXSON		39.61		f 8:35	f 8:35					
f 4:58	f 4:58	14	SG 10	9.92			TORODA		35.39		f 8:25	f 8:25					
* 5:11	* 5:11	0	26	SG 14	14.30		FERRY, WASH.		30.92	W	* 8:10	* 8:10					
* 5:20	* 5:20	11	NG 15	14.82			MIDWAY, B. C.	MD	30.69		* 8:05	* 8:05					
f 5:50	f 5:50	16	SG 23	23.12			BERGEN		22.19	W	f 7:40	f 7:40					
* 6:20	* 6:20	20	SG 24	28.77			MYNCASTER		18.54		* 7:20	* 7:20					
f 6:35	f 6:35	7	SG 34	33.63			SYACKAN		11.68		f 7:00	f 7:00					
* 7:05	* 7:05	26	SG 40	40.28			BRIDESVILLE, B. C.	B	5.03	D W	* 6:40	* 6:40					
A. 7:35 P. 7:35	A. 7:35 P. 7:35	83	SG 45	45.31			MOLSON, WASH.	MN	0	R D W Y	L. 6:15 P. 6:15	L. 6:15 P. 6:15					
3:05 14.69							Time Over Subdivision Average Speed Per Hour				2:40 16.98						

WESTWARD.				EIGHTH SUBDIVISION—OROVILLE AND PRINCETON.										EASTWARD.			
SECOND CLASS		Car Capacity	Siding	Other Tracks	Station Numbers	Distance from Oroville	Time Table No. 32 Effective July 12, 1931.	Telegraph Cuts	Distance from Princeton	SIGNS	SECOND CLASS	396	398	SECOND CLASS	396	398	SECOND CLASS
397	399																
Mixed Mon., Wed. and Fri.	Mixed Tue. and Thurs.										Mixed Tue. and Thurs.	Mixed Mon., Wed. and Fri.		Mixed Tue. and Thurs.	Mixed Mon., Wed. and Fri.		
L. 7:00 P. 7:00	L. 7:00 P. 7:00	55	243	RG 71	0		OROVILLE	VR	79.65		A. 8:05 P. 8:05	A. 8:05 P. 8:05					
* 7:30	* 7:30	0	19	RG 83	11.34		NIGHTHAWK	NE	68.31	W	* 4:35	* 4:35					
* 7:55	* 7:55	0	22	RG 93	21.24		CHOPAKA, WASH.		58.41	W	* 4:05	* 4:05					
* 8:25	* 8:25	0	26	RG 103	30.81		SIMILKAMEN, B. C.		48.84		* 3:40	* 3:40					
f 8:40	f 8:40	0	10		34.10		CAWSTON		45.49		f 3:25	f 3:25					
* 9:00	* 9:00	38	38	RG 110	38.06		KUREMEOS	K	41.50	D	* 3:05	* 3:05					
f 9:20	f 9:20	0	15	RG 117	45.02		ASHNOLA		34.63		f 2:40	f 2:40					
f 9:40	f 9:40	0	10	RG 123	51.32		BRADSHAW		28.33	W	f 2:15	f 2:15					
* 10:00	* 10:00	20	11	RG 128	55.74		HEDLEY	HD	22.91		* 1:55	* 1:55					
f 10:20	f 10:20	0	0	RG 132	60.31		CORY		19.34		f 1:35	f 1:35					
f 10:45	f 10:45	20	RG 140	67.70			BROMLEY		11.95		f 1:10	f 1:10					
f 11:00	f 11:00	0	14	RG 144	72.46		NORMAN		7.19		f 12:55	f 12:55					
f 11:15	f 11:15	10	RG 149	77.20			ALLISON		2.43		f 12:40	f 12:40					
					79.40		K. V. JCT.		0.25	X							

TRAINS BETWEEN K. V. JCT. AND PRINCETON BE GOVERNED BY K. V. RY. TIME TABLE AND RULES																	
A. 11:25 P. 11:25	A. 11:25 P. 11:25	40	50	RG 152	79.65		PRINCETON	OD	0.00	R D W Y	L. 12:30 P. 12:30	L. 12:30 P. 12:30					
4:35 16.03							Time Over Subdivision Average Speed Per Hour				4:35 17.38						

BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE.

NAME	LOCATION	OPENS	CAPACITY
FIRST SUBDIVISION:			
Nemo Pit	0.66 mile East of Nemo	East end	100 cars
Adrian Pit	0.8 mile East of Adrian	East end	75 cars
Stratford Spur	1.3 miles West of Stratford	East end	14 cars
Sand Spur	1.6 miles West of Trinidad	West end	16 cars
Clapp Spur	1.9 miles West of Trinidad	West end	4 cars
Gravel Spur	2.9 miles West of Trinidad	West end	63 cars
Rock Island Dam	1.1 miles East of Rock Island	Both ends	182 cars
Ohio Colony	1.2 miles West of Rock Island	East end	8 cars
Landreth Spur	4.4 miles East of Wenatchee	West end	10 cars
THIRD SUBDIVISION:			
Peterson Spur	2.0 miles South of Ellieford	North end	1 car
Hibdon Cliff Fruit Co.	5.1 miles North of Entiat	North end	6 cars
Olita Washing Plant	2.02 miles North of Olita	Both ends	60 cars
FOURTH SUBDIVISION:			
Deer Park Lbr. Co. Spur	0.7 mile North of Deer Park	South end	3 cars
Olson Spur	2.6 miles North of Deer Park	South end	6 cars
Holland-Horr Spur	4.7 miles North of Loom Lake	South end	3 cars
Kulzers Spur	1.7 miles South of Valley	North end	8 cars
Gess Spur	2.8 miles North of Valley	South end	3 cars
Northwest Magnesia	1.4 miles South of Chewelah	Both ends	66 cars
Elkhorn Spur	3.1 miles South of Addy	South end	3 cars
Blue Creek Spur	3.1 miles South of Addy	South end	12 cars
Industrial Spur M. P. 93 (Lanwell)	3.2 miles North of Palmers	South end	3 cars
FIFTH SUBDIVISION:			
Sand Spur	2.1 miles North of Marcus	South end	2 cars
Powells Siding	4.8 miles North of Marcus	Both ends	20 cars
Evans Spur	5.4 miles North of Marcus	South end	24 cars
Allen Spur	2.6 miles North of Boscawen	South end	3 cars
Hendrix Cut	3.8 miles North of Boscawen	North end	3 cars
Lane & Bronson's	6.6 miles North of Boscawen	South end	3 cars
Marble Timber Co. Spur	2.8 miles South of Marble	South end	2 cars
Kane	4.1 miles South of Northport	South end	5 cars
Cameron Spur	4.4 miles South of Northport	North end	13 cars
Hudson's Spur	3.3 miles South of Northport	South end	12 cars
Good-Hopkins Lbr. Co. Spur	2.06 miles North of Hanley's	South end	3 cars
Industrial Spur No. 134	2.3 miles North of Hanley's	South end	20 cars
Stroh Spur	3.3 miles South of Hanley's	South end	3 cars
West Kootenay P. & L. Co.	0.6 mile South of Waneta	Siding	6 cars
Nelson Spur	2.4 miles North of Fruitvale	North end	2 cars
Salmo Cedar Co.	4.8 miles North of Fruitvale	Both ends	7 cars
Munroe Bros. Spur	0.4 miles North of Fruitvale	South end	6 cars
Benton Pole & Lbr. Co. Spur	2.0 miles South of Meadows	South end	6 cars
Archibald	1.0 mile South of Erie	Both ends	11 cars
Rotter's Spur	3.6 miles North of Salmo	South end	9 cars
Baskin & Gervais Spur	1.9 miles South of Ymir	North end	11 cars
Swanous Spur	1.3 miles South of Ymir	North end	4 cars
Porto Rico Spur	3.6 miles North of Ymir	South end	2 cars
SIXTH SUBDIVISION:			
Haldon Spur	1.8 miles West of Marcus	East end	2 cars
Holland Box & Lbr. Co.	2.1 miles West of Marcus	Private	5 cars
Rock Cut	0.7 mile East of Hughes	West end	5 cars
Helphrey's Spur No. 1	1.9 miles West of Curlew	East end	3 cars
California Spur	2.2 miles East of Republic	West end	7 cars
SEVENTH SUBDIVISION:			
Helphrey's Spur No. 2	2.8 miles West of Curlew	East end	2 cars
Robert's Spur	0.2 mile West of Midway	East end	1 car
Mynester Spur	0.4 mile East of Mynester	West end	55 cars
Dumonte Spur	3.9 miles East of Bridesville	East end	3 cars
EIGHTH SUBDIVISION:			
Stewart-Calvert Spur No. 1	1.4 miles West of Oroville	East end	5 cars
Stewart-Calvert Spur No. 2	1.4 miles West of Oroville	East end	3 cars
Benders Spur	0.5 mile West of Nighthawk	East end	6 cars
Ruby Mine Spur	4.9 miles East of Chopaka	West end	4 cars
Princeton M. & Dev. Co.	2.1 miles West of Norman	East end	9 cars

THEORETICAL FIRST CLASS LOCOMOTIVE TONNAGE RATINGS.
BASED ON TRAINS AVERAGING 50 TONS PER CAR

CLASS LOCOMOTIVE	R-2	R-1		Q-2		Q-1	N-2	O-7	O-6	O-5	O-4	O-3 and O-1	Add For Booster
		2034-2043	2030-2033	30x32	29x32								
		RATING											
Ruling Grade	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
0.2%	15540	14470	13550	9090	8440	9740	11290	8900	7530	5600	7220	6710	1300
0.3%	12290	11350	10620	7120	6600	7640	8760	6250	5900	4380	5660	5230	1000
0.4%	10000	9310	8710	5840	5410	6270	7180	5110	4820	3600	4630	4310	850
0.5%	8460	7870	7350	4930	4560	5300	6060	4310	4080	3030	3910	3640	750
0.6%	7310	6800	6340	4250	3930	4560	5230	3710	3510	2610	3370	3140	650
0.65%	6840	6360	5930	3970	3670	4260	4890	3470	3280	2440	3150	2940	600
0.7%	6420	5970	5570	3730	3450	4000	4590	3250	3080	2280	2960	2760	550
0.8%	5720	5310	4950	3310	3060	3550	4080	2880	2730	2030	2620	2450	500
1.0%	4660	4320	4020	2700	2490	2900	3320	2340	2220	1640	2130	2000	400
1.1%	4270	3940	3670	2450	2250	2640	3030	2130	2020	1500	1940	1820	400
1.8%	2570	2370	2200	1460	1330	1580	1810	1250	1200	880	1150	1080	250
2.0%	2290	2110	1950	1300	1190	1400	1610	1110	1060	780	1020	960	200
2.2%	2060	1900	1740	1160	1050	1260	1410	1000	940	700	910	860	200

Above are ratings for districts with long continuous grades. For districts with short pieces of maximum grade ratings should be increased 10%.

Make 10% reduction, when temperature 5° to 25° above

" 20% " " " 5° above to 10° below.

" 30% " " " 10° below or colder.

MAXIMUM SPEED.

BETWEEN	Passenger	Freight
Fort Wright and Lyons	45 miles per hour.	35 miles per hour.
Lyons and Wenatchee	60 miles per hour.	35 miles per hour.
Columbia River and Mansfield	20 miles per hour.	20 miles per hour.
Wenatchee and Oroville	35 miles per hour.	30 miles per hour.
Dean and Valley	35 miles per hour.	30 miles per hour.
Valley and Meyers Falls	40 miles per hour.	30 miles per hour.
Meyers Falls and Marcus	25 miles per hour.	20 miles per hour.
Marcus and Troup Jet	30 miles per hour.	20 miles per hour.
Over Pend O'Reille River Bridge at Waneta	10 miles per hour.	10 miles per hour.
Over Columbia River Bridge No. 1 Marcus	10 miles per hour.	10 miles per hour.
Marcus and Republic	30 miles per hour.	20 miles per hour.
Curlew and Princeton	25 miles per hour.	25 miles per hour.
Passing high bluff one mile west of Bridesville	15 miles per hour.	15 miles per hour.
From one mile east to two miles west of Bergen	15 miles per hour.	15 miles per hour.
Between Quincy and Crater	S-2 Engines	50 miles per hour.
Between Vulcan and Columbia River	S-2 Engines	50 miles per hour.
Over Bridge 270 and 273, Spokane	Q-1, R-1 and S-2 Engines	10 miles per hour.
Over Bridge 274, Fort Wright	Q-1, R-1 and S-2 Engines	15 miles per hour.
Between Dean and Meyers Falls	O-1 Engines	25 miles per hour.

COMPANY SURGEONS.

Dr. Roscoe C. Webb	Chief Surgeon	Office phone Main 7508, House Colfax 0499, 1849 Medical Arts Building 9th St. and Nicolet Ave., Minneapolis, Minn.
Dr. H. M. N. Wynne	Assistant Chief Surgeon	Minneapolis, Minn.
Dr. J. G. Cunningham	Assistant Chief Surgeon	Spokane, Wash.
Dr. H. E. Wheeler	Assistant Division Surgeon	Spokane, Wash.
Dr. A. E. Gerhart	Assistant Division Surgeon	Wenatchee, Wash.
Dr. L. M. Mares	Surgeon	Wenatchee, Wash.
Dr. H. F. Craig	Assistant Division Surgeon	Marcus, Wash.
Dr. A. N. Codd	Ophthalmic Surgeon	Spokane, Wash.
Dr. Carroll Smith	Ophthalmic Surgeon	Spokane, Wash.

LOCAL SURGEONS.

Dr. C. R. McKinley	Brewster.
Dr. R. S. Wells	Colville.
Dr. C. M. Kingston	Grand Forks.
Dr. L. F. Wagner	Harrington.
Dr. J. Farrow	Ilwaco.
Dr. W. O. Rose	Nelson.
Dr. E. E. Eifer	Oroville.

A. KASE, Chief Dispatcher.

W. CARSWELL, Trainmaster.

B. LANTRY, Asst. Supt.