



SPOKANE DIVISION

TIME TABLE No. 29.

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

SUNDAY, NOVEMBER 9, 1930.

J. M. DOYLE, Superintendent.

**W. R. SMITH, General 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										SECOND CLASS				THIRD CLASS									
693	691	697	381	255	45	1	3	27	5	Car Capacity		Time Table No. 29				SIGN		2	28	4	46	256	448	450	382	454	698	694	692
Local	Local	Local	Mixed	Motor	Passenger	Passenger	Passenger	Pass Mail	Passenger	Seating	Other	Stations	Distance from	Telegraph	Distance from	Passenger	Pass Mail	Passenger	Passenger	Motor	Freight	Freight	Mixed	Freight	Local	Local	Local		
Ex. Sun.	Ex. Sun.	Ex. Sun.	Ex. Sun.	Daily	Daily	Daily	Daily	Daily	Daily	Seating	Other	Stations	Distance from	Telegraph	Distance from	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Mo. Wed. and Fri.	Daily	Mo. Wed. and Fri.	Tu. Thru. and Sat.	
L. 5:40	L. 5:40	L. 5:40	L. 5:40	L. 4:41	L. 9:15	L. 8:45	L. 6:47	L. 6:47	L. 6:47	Yard	2534	1409	0.0	HILLYARD	179.25	RKDNPW	8:00	8:45	8:45	8:40	8:40	10:45	6:15	1:45	1:45	1:45	2:30	2:30	
5:55	5:55	5:55	5:55	4:50	9:25	8:55	6:55	6:55	6:55	Yard	647	1473	3.67	O. W. R. & N. Jct.	175.58	DNP	7:50	8:35	8:35	8:30	8:30	10:20	5:50	1:20	1:20	1:20	2:05	2:05	
6:00	6:00	6:00	6:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	26	1477	7.50	SPOKANE	174.41	RKDNPW	7:45	8:30	8:30	7:15	7:15	10:10	5:40	1:15	1:15	1:15	1:55	1:55	
6:15	6:15	6:15	6:15	4:55	9:30	9:00	7:00	7:00	7:00	Yard	26	1477	7.50	FORT WRIGHT	171.66	DNP	7:22	8:03	8:03	7:10	7:10	9:55	5:30	1:05	1:05	1:05	1:40	1:40	
6:40	6:40	6:40	6:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	6	1481	13.95	HIGHLAND	165.30	P	7:10	7:51	7:51	7:16	7:16	9:40	5:15	12:51	12:51	12:51	1:20	1:20	
7:04	7:04	7:04	7:04	4:55	9:30	9:00	7:00	7:00	7:00	Yard	16	1486	17.21	LYONS	162.04	DNP	7:04	7:46	7:46	7:10	7:10	9:30	5:05	12:42	12:42	12:42	1:05	1:05	
7:37	7:37	7:37	7:37	4:55	9:30	9:00	7:00	7:00	7:00	Yard	50	1493	22.60	GALENA	156.05	P	6:56	7:37	7:37	7:02	7:02	9:15	4:55	12:30	12:30	12:30	12:45	12:45	
8:00	8:00	8:00	8:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	30	1496	26.71	ESPANOLA	152.54	P	6:49	7:31	7:31	6:55	6:55	9:05	4:45	12:20	12:20	12:20	12:30	12:30	
8:48	8:48	8:48	8:48	4:55	9:30	9:00	7:00	7:00	7:00	Yard	80	1502	33.17	WALTON	146.08	P	6:40	7:21	7:21	6:45	6:45	8:48	4:30	11:55	11:55	11:55	12:05	12:05	
9:25	9:25	9:25	9:25	4:55	9:30	9:00	7:00	7:00	7:00	Yard	35	1508	38.90	EDWALL	140.35	DPW	6:32	7:12	7:12	6:36	6:36	8:20	4:15	11:35	11:35	11:35	11:40	11:40	
9:40	9:40	9:40	9:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	20	1512	42.61	CANBY	136.66	P	6:28	7:08	7:08	6:28	6:28	8:05	4:05	11:25	11:25	11:25	11:30	11:30	
10:05	10:05	10:05	10:05	4:55	9:30	9:00	7:00	7:00	7:00	Yard	46	1517	48.10	BLUESTEM	131.15	DNP	6:18	6:57	6:57	6:20	6:20	7:55	3:45	11:05	11:05	11:05	11:10	11:10	
10:40	10:40	10:40	10:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	95	1524	55.51	HARRINGTON	123.74	DNPW	6:06	6:45	6:45	6:09	6:09	7:25	3:15	10:20	10:20	10:20	10:25	10:25	
11:05	11:05	11:05	11:05	4:55	9:30	9:00	7:00	7:00	7:00	Yard	46	1531	62.23	MOHLER	117.02	P	5:55	6:34	6:34	5:57	5:57	7:00	2:50	9:55	9:55	9:55	10:00	10:00	
11:20	11:20	11:20	11:20	4:55	9:30	9:00	7:00	7:00	7:00	Yard	49	1535	65.94	DOWNS	113.31	P	5:49	6:28	6:28	5:51	5:51	6:45	2:35	9:45	9:45	9:45	9:50	9:50	
11:45	11:45	11:45	11:45	4:55	9:30	9:00	7:00	7:00	7:00	Yard	69	1539	70.40	LAMONA	108.85	DNPW	5:42	6:21	6:21	5:43	5:43	6:30	2:20	9:30	9:30	9:30	9:35	9:35	
12:05	12:05	12:05	12:05	4:55	9:30	9:00	7:00	7:00	7:00	Yard	16	1544	75.98	NEMO	103.27	P	5:33	6:11	6:11	5:34	5:34	6:11	2:05	9:14	9:14	9:14	9:19	9:19	
12:35	12:35	12:35	12:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	109	1550	80.83	ODESSA	98.42	DNP	5:25	6:03	6:03	5:26	5:26	5:45	1:45	8:45	8:45	8:45	8:50	8:50	
12:55	12:55	12:55	12:55	4:55	9:30	9:00	7:00	7:00	7:00	Yard	15	1555	85.41	SEWARD	93.84	P	5:18	5:55	5:55	5:18	5:18	5:30	1:35	8:35	8:35	8:35	8:40	8:40	
1:20	1:20	1:20	1:20	4:55	9:30	9:00	7:00	7:00	7:00	Yard	25	1558	89.74	IRBY	89.51	PW	5:11	5:48	5:48	5:11	5:11	5:11	1:20	8:25	8:25	8:25	8:30	8:30	
1:50	1:50	1:50	1:50	4:55	9:30	9:00	7:00	7:00	7:00	Yard	33	1566	97.21	MARLIN	82.04	D P	4:59	5:37	5:37	5:00	5:00	4:45	1:00	8:05	8:05	8:05	8:10	8:10	
7:00	7:00	7:00	7:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	138	1573	103.83	WILSON CREEK	75.42	DNPW	4:48	5:27	5:27	4:49	4:49	4:20	12:40	7:45	7:45	7:45	7:50	7:50	
7:35	7:35	7:35	7:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	19	1580	111.65	STRATFORD	67.60	P	4:34	5:16	5:16	4:35	4:35	3:45	12:10	7:15	7:15	7:15	7:20	7:20	
8:10	8:10	8:10	8:10	4:55	9:30	9:00	7:00	7:00	7:00	Yard	132	1588	116.97	ADRIAN	62.28	D P	4:25	5:09	5:09	4:27	4:27	3:30	11:50	7:00	7:00	7:00	7:05	7:05	
8:35	8:35	8:35	8:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	20	1591	121.57	SOAP LAKE	57.68	D P	4:19	5:03	5:03	4:19	4:19	3:30	11:50	7:00	7:00	7:00	7:05	7:05	
9:10	9:10	9:10	9:10	4:55	9:30	9:00	7:00	7:00	7:00	Yard	58	1596	126.97	EPHATA	52.28	DNPW	4:08	4:54	4:54	4:10	4:10	3:00	11:21	6:35	6:35	6:35	6:40	6:40	
9:40	9:40	9:40	9:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	7	1601	132.12	NAYLOR	47.13	P	4:00	4:46	4:46	4:01	4:01	2:45	10:45	6:15	6:15	6:15	6:20	6:20	
10:15	10:15	10:15	10:15	4:55	9:30	9:00	7:00	7:00	7:00	Yard	16	1606	137.10	WINCHESTER	42.06	P	3:52	4:39	4:39	3:54	3:54	2:30	10:15	6:00	6:00	6:00	6:05	6:05	
10:40	10:40	10:40	10:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	95	1612	143.33	QUINCY	35.92	DNPW	3:42	4:31	4:31	3:44	3:44	2:15	9:55	5:45	5:45	5:45	5:50	5:50	
11:00	11:00	11:00	11:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	73	1617	148.46	CRATER	29.79	P	3:33	4:23	4:23	3:36	3:36	1:55	9:45	5:25	5:25	5:25	5:30	5:30	
11:35	11:35	11:35	11:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	19	1623	154.06	TRINIDAD	25.19	DPW	3:23	4:14	4:14	3:26	3:26	1:55	9:45	5:25	5:25	5:25	5:30	5:30	
12:15	12:15	12:15	12:15	4:55	9:30	9:00	7:00	7:00	7:00	Yard	5	1628	159.34	VULCAN	19.91	P	3:14	4:05	4:05	3:17	3:17	1:05	9:01	4:50	4:50	4:50	4:55	4:55	
12:50	12:50	12:50	12:50	4:55	9:30	9:00	7:00	7:00	7:00	Yard	52	1632	163.37	COLUMBIA RIVER	15.88	DPW	3:07	3:59	3:59	3:10	3:10	12:45	8:50	8:15	4:38	4:38	4:38	4:40	4:40
1:20	1:20	1:20	1:20	4:55	9:30	9:00	7:00	7:00	7:00	Yard	13	1637	167.94	ROCK ISLAND	11.31	P	2:59	3:51	3:51	3:02	3:02	12:32	8:35	8:05	4:25	4:25	4:25	4:25	4:25
1:40	1:40	1:40	1:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	23	1641	172.34	MALAGA	6.91	P	2:50	3:43	3:43	2:53	2:53	12:20	8:20	7:50	4:13	4:13	4:13	4:13	4:13
2:00	2:00	2:00	2:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	22	1645	177.08	APPLEYARD	2.17	RKDNPW	2:40	3:36	3:36	2:45	2:45	12:01	8:00	7:35	4:00	4:00	4:00	4:00	4:00
7:00	7:00	7:00	7:00	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
7:35	7:35	7:35	7:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
8:10	8:10	8:10	8:10	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
8:35	8:35	8:35	8:35	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
9:10	9:10	9:10	9:10	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
9:40	9:40	9:40	9:40	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55
10:15	10:15	10:15	10:15	4:55	9:30	9:00	7:00	7:00	7:00	Yard	1081	1618	179.25	WENATCHEE	0.0	RKDNPW	2:35	3:30	3:30	2:40	2:40	11:45	7:30	7:05	3:55	3:55	3:55	3:55	3:55

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 derailed 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 derailed 55 feet ahead of same.

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

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. 10.

Double track switch located 20 feet East of Bridge 274 and derailed 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 derailed.

Eastward trains stopped by semaphore signals governing double track switch and derailed 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 derailed 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 short, 1 long.
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. 29		SECOND CLASS	
381	382		Effective November 5, 1930.		382	
Mixed	Mixed				Mixed	
Mon., Wed. and Fri.	Mon., Wed. and Fri.				Mon., Wed. and Fri.	
STATIONS		Distance from Mansfield	STATIONS		Distance from Columbia River	
L. No. 1:30	41	48	CH 60	0.0	MANSFIELD.....	60.39
1:40	30	CH 55	5.40	TOUHEY.....	54.99	P
2:10	50	CH 49	11.38	WITTHROW.....	49.01	P
2:30	30	CH 44	16.94	SUPPLEE.....	43.45	P
3:00	62	CH 36	23.93	DOUGLAS.....	36.48	D P
3:25	30	CH 21	29.20	ALSTOWN.....	31.19	PW
4:05	24	CH 21	39.04	McCUE.....	21.35	P
4:45	35	CH 16	44.62	PALISADES.....	15.77	PW
5:00	30	CH 11	49.74	APPLEDALE.....	10.65	P
5:15	24	CH 5	55.00	MOSES COULEE.....	5.39	
A. No. 6:30	1632	60.39		COLUMBIA RIVER.....	0.0	RDPNP
4.00				Time Over Subdivision		4.15
15.00				Average Speed Per Hour		14.21

Special Rules.

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

SOUTHWARD. THIRD SUBDIVISION NORTHWARD. 3 WENATCHEE AND OROVILLE.

THIRD CLASS		First Class	Car Capacity	Time Table No. 29		THIRD CLASS	
697	253	(251)	(252)	Effective November 5, 1930.		254	698
Local Freight	Motor	Motor	Motor			Motor	Local Freight
Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.	Daily Ex. Sun.			Daily Ex. Sun.	Daily Ex. Sun.
STATIONS		Distance from Oroville	STATIONS		Distance from Wenatchee	STATIONS	
L. No. 6:30	L. No. 1:30	801	71	0.0	OROVILLE	VR	137.24
TRAINS BETWEEN OROVILLE JCT. AND OROVILLE WILL BE GOVERNED BY SEVENTH SUB-DIVISION SCHEDULES.							
6:35	1:33	0		0.88	OROVILLE JCT.....	138.36	R P V X
6:50	1:43	0	35	5.75	CORDELL.....	131.49	
7:10	1:53	0	34	11.03	ELLISFORD.....	126.21	
7:40	2:08	0	71	16.96	TONASKET.....	120.28	DPW
8:00	2:17	0	34	21.79	JANIS.....	115.45	
8:15	2:27	0	34	27.22	BARKER.....	110.02	
8:40	2:38	0	36	32.51	RIVERSIDE.....	104.73	DPW
9:00	2:47	0	35	36.99	CHEROKEE.....	100.45	
10:00	3:01	46	107	41.54	OMAK.....	95.70	DP
10:33	3:16	55	92	45.74	OKANOGAN.....	91.50	DPW
10:55	3:26	0	34	50.67	CHILLOWIST.....	86.57	
11:15	3:36	0	35	54.60	MALOTT.....	82.04	
11:35	3:46	0	35	60.85	WAKFIELD.....	76.29	W
12:01	4:01	0	34	65.68	MONSE.....	71.66	
12:45	4:17	50	61	72.25	DREWSTER.....	64.99	DP
1:30	4:36	64	59	78.33	PATEROS.....	58.91	DPWCX
1:50	4:47	0	34	83.80	STARP.....	53.14	
2:10	4:57	0	34	87.48	WELLS.....	49.78	
2:35	5:09	0	35	93.19	HUGO.....	44.05	
3:20	5:25	64	82	98.30	CHELAN.....	38.94	DPW
3:30	5:28	0	73	99.46	CHELAN FALLS.....	37.78	
4:00	5:40	0	40	105.31	STAYMAN.....	31.93	
4:27	5:53	0	43	111.23	WINESAP.....	26.01	
5:05	6:10	66	86	118.34	ENTIA.....	18.90	DPW
5:30	6:21	0	40	123.64	WAGNERSBURG.....	13.60	
5:55	6:32	0	31	129.27	ZENA.....	7.97	
6:20	6:47	0	06	133.75	OLDS.....	3.49	
A. No. 6:35	A. No. 7:00	1648	137.24		WENATCHEE.....	0.0	
12.05	5.30				Time Over Subdivision		5.30
11.25	24.05				Average Speed Per Hour		11.91

Special Rules.

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

Normal position switch at Oroville Jct. is for Seventh Subdivision.

Normal position Junction switch at first crossover just west of Ice Houses, 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	Time Table No. 29 Effective November 9, 1930.	Stations	THIRD CLASS 256	FIRST CLASS 702
Local Freight Daily Ex. Sunday	Motor Daily Ex. Sunday	Stations Numbers	Distance from Marcus	Stations	Distance from Dean	Local Freight Daily Ex. Sunday	Local Freight Daily Ex. Sunday
L. 6-05pm	L. 1:00pm	40 148 RA 87	0.00	MARCUS	MB 87.12	RK DN WC YX	A 12-20pm
* 6-40	* 1:18	30 29 RA 82	5.30	MEYER'S FALLS	MF 81.82	D	* 12-06pm
* 6-00	* 1:26	0 13 RA 77	10.80	PALMERS	78.22		* 3-15
* 6-30	* 1:36	0 114 RA 73	13.85	COLVILLE	VD 73.27	D W	* 2-55
* 6-50	* 1:43	0 21 RA 71	17.65	ORIN	69.47		* 2-30
* 7-10	* 1:48	40 3 RA 67	20.35	ARDEN	66.77		* 1-55
* 8-10	* 2:02	0 20 RA 59	27.74	ADDY	AD 89.38	D W	* 1-15
* 9-30	* 2:21	28 54 RA 50	36.95	CHEWELAH	CH 80.17	D X	* 10-53
* 10-39	* 2:36	40 49 RA 43	44.52	VALLEY	VY 42.80	D CY X	* 10-39
* 11-30	* 2:48	0 30 RA 38	49.76	GRAYS	37.36		* 10-26
		0 18 RA 34	53.19	CLINE	33.03		
* 12-10am	* 3:00	39 17 RA 32	54.46	SPRINGDALE	SY 32.66	D W	* 10-15
* 1-10	* 3:22	40 21 RA 25	62.57	LOON LAKE	24.55		* 9-55
* 1-35	* 3:36	0 44 RA 18	69.37	CLAYTON	CN 17.75	D	* 9-39
* 1-40	3:39	0 24 RA 17	70.26	CHRISTIANSON	16.85		* 9-36
* 2-00	* 3:49	50 48 RA 12	74.64	DEER PARK	DE 13.48	D W	* 9-28
* 2-15	* 3:57	0 18 RA 9	78.23	DENISON	8.89		* 9-18
* 2-35	* 4:08	40 16 RA 4	83.35	WAYSIDE	3.77		* 9-07
A 2-55am	A 4-21pm	40 40	1400	DEAN	BF 0.0	R DN W X	L 9-00am
9.50 8.38	2.21 21.00			Time Over Subdivision Average Speed Per Hour			3.20 26.13

Special Rules.

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

Trains 255 and 256 will stop on flag at Blue Creek, Buckeye, Holland Horr Spur, Kulzers and Mission. Mission is 14 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 Kulzers spur, 1.8 miles south of Valley

SOUTHWARD. FIFTH SUBDIVISION—MARCUS AND NELSON. NORTHWARD.

THIRD CLASS 703	FIRST CLASS 259	Car Capacity	Stations	Time Table No. 29 Effective November 9, 1930.	Stations	THIRD CLASS 260	FIRST CLASS 704
Local Freight Tue., Thur. and Sat.	Motor Daily Ex. Sunday	Stations Numbers	Distance from Nelson	Stations	Distance from Marcus	Local Freight Daily Ex. Sunday	Local Freight Mon., Wed. and Fri.
L. 6:00am		RA 181	0.00	NELSON	BC 99.01	R DNWC O P	A 4:00pm
TRAINS BETWEEN TROUP JCT. AND NELSON BE GOVERNED BY C. P. RY. TIME TABLE AND RULES							
* 6:30		0 0	RA 181	5.45	TROUP JUNCTION	93.56	R YP
* 7:00	L. 8:00am	27	RA 17A	10.26	SOUTH NELSON	88.75	W
* 7:45	* 8:20	0 15	RA 169	17.05	APEX	81.96	
* 8:00	* 8:30	0 15	RA 16A	20.38	HALL	78.63	
* 8:25	* 8:50	0 16	RA 159	27.50	VMIR	71.51	W
* 8:42	* 9:01	0 9		31.86	BOULDER MILL	67.15	
* 8:55	* 9:10	0 58	RA 152	35.15	SALMO	65.86	D
* 9:17	* 9:17	0 15	RA 148	37.87	ERIE	61.14	
* 9:30	* 9:24	0 20	RA 145	40.74	MEADOWS	58.27	
* 9:55	* 9:41	0 15	RA 136	50.42	FRUITVALE	48.50	
* 10:15	* 9:54	0 7	RA 130	55.74	COLUMBIA GARDENS	45.27	
* 10:50	* 10:06	0 14	RA 127	59.57	WANETA, B. C.	39.44	D
* 11:00	* 10:12	0 39	RA 128	61.68	BOUNDARY, U. S.	37.33	
* 11:30	* 10:34	0 11	RA 118	68.48	HANLEYS	30.56	
A 12-10pm	* 10:50	60 59	RA 116	70.48	NORTHPORT	28.53	RK D WC YX
	* 11:08	0 7	RA 107	78.76	MARBLE	20.25	
	* 11:33	0 16	RA 96	90.23	BOSSBURG	8.78	
A 11:55am		40 148	RA 87	99.01	MARCUS	0.00	RK DNWC YX
6.10 11.48	3.55 22.55			Time Over Sub-division Average Speed Per Hour			4.00 22.18

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, Wood Spur, Parks, Henton, Haskins and Gevertz Spur, Porto Rico, Mankins Spur, 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.										WESTWARD.										SEVENTH SUBDIVISION—CURLEW AND PRINCETON.										EASTWARD. 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
THIRD CLASS	FIRST CLASS	Car Capacity		Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph Calls		Distance from		SIGNALS		FIRST CLASS	THIRD CLASS	Distance from		Time Table		Telegraph 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BUSINESS TRACKS NOT SHOWN AS STATIONS ON TIME TABLE.

NAME	LOCATION	OPENS	CAPACITY
FIRST SUBDIVISION:			
Adrian Pt.	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
Clapps Spur	1.9 miles West of Trinidad	West end	63 cars
Rock Island Den.	2.9 miles West of Trinidad	West end	200 cars
Ohio Colony	1.1 miles East of Rock Island	Both ends	8 cars
Landreth Spur	1.2 miles West of Rock Island	East end	10 cars
	4.4 miles East of Wenatchee	West end	
THIRD SUBDIVISION:			
Peterson Spur	2.0 miles South of Ellisford	North end	1 car
Ribbon Cliff Fruit Co.	5.0 miles North of Entiat	North end	6 cars
FOURTH SUBDIVISION:			
Deer Park Lbr. Co. Spur	0.7 mile North of Deer Park	South end	3 cars
Osborne Spur	2.6 miles North of Deer Park	South end	6 cars
Holland-Horr Spur	4.7 miles North of Loon Lake	South end	3 cars
Kulzers Spur	1.7 miles South of Valley	South end	8 cars
Gess Spur	2.8 miles North of Valley	South end	3 cars
Northwest Magnesite	1.5 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 (Lasswell)	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	29 cars
Evans Spur	5.4 miles North of Marcus	South end	24 cars
Allen Spur	2.6 miles North of Roseburg	South end	3 cars
Hedrick Cut	3.8 miles North of Roseburg	North end	3 cars
Lane & Brown's	6.6 miles North of Roseburg	South end	3 cars
Marble Timber Co. Spur	2.8 miles South of Marble	South end	2 cars
Kanes	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	4.9 miles North of Northport	South end	3 cars
West Kootenay P. & L. Co.	0.6 mile South of Waneta	Siding	6 cars
Industrial Spur No. 134	2.3 miles North of Hanley's	South end	20 cars
Stroh Spur	2.3 miles North of Hanley's	South end	3 cars
Nelsons 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	3.6 miles North of Salmo	South end	9 cars
Rotter's Spur	1.0 mile South of Erie	Both ends	11 cars
Baskins & Gevurtz Spur	1.9 miles South of Ymir	North end	11 cars
Swansons Spur	1.3 miles South of Ymir	North end	4 cars
Porto Rico	3.6 miles North of Ymir	Both ends	2 cars
SIXTH SUBDIVISION:			
Holston Spur	1.8 miles West of Marcus	East end	2 cars
Hedlund Box & Lbr. Co.	2.1 miles West of Marcus	East end	Private
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	6.2 miles West of Midway	East end	1 car
Myncester Spur	0.4 mile East of Myncester	West end	55 cars
Dumonts Spur	3.9 miles East of Bridesville	East end	3 cars
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	20x32	29x32								
		RATING											
Ruling Grade	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
0.2%	15540	14470	13550	9990	8440	9740	11200	8000	7530	5600	7220	6710	1300
0.3%	12200	11350	10620	7120	6600	7640	8760	6250	5900	4380	5660	5260	1000
0.4%	10000	9310	8710	5840	5410	6270	7180	5110	4820	3600	4620	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	4060	4590	3250	3060	2260	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	1440	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 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.	20 miles per hour.
Denn 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 Jct.	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 0490, 1849 Medical Arts Building 9th St. and Nicollet 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.	Spokane, 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	Hillyard.
Dr. W. O. Rose	Nelson.
Dr. E. E. Efner	Oroville.

A. KASE, Chief Dispatcher.

J. JAMES, Trainmaster.

W. CARSWELL, Trainmaster.

B. LANTRY, Asst. Supt.