

SPEED TABLE

Time Per Mile		Miles	Time Per Mile		Miles
Minutes	Seconds	Per Hour	Minutes	Seconds	Per Hour
0	45	80	1	12	50
0	46	78.3	1	15	48
0	47	76.6	1	20	45
0	48	75	1	25	42.3
0	49	73.5	1	30	40
0	50	72	1	40	36
0	51	70.6	1	45	34.3
0	52	69.2	1	50	32.7
0	53	67.9	2	..	30
0	54	66.6	2	10	27.6
0	55	65.4	2	15	26.6
0	56	64.2	2	20	25.7
0	57	63.1	2	30	24
0	58	62	2	40	22.5
0	59	61	2	45	21.8
1	..	60	2	50	21.2
1	1	59	3	..	20
1	2	58	3	9	19
1	3	57.1	3	20	18
1	4	56.2	3	31	17
1	5	55.3	3	45	16
1	6	54.5	4	..	15
1	7	53.7	5	..	12
1	8	52.9	6	..	10
1	9	52.1	7	30	8
1	10	51.4	10	..	6

NORTHERN PACIFIC RAILWAY COMPANY

**Tacoma
Division**

TIME TABLE 81

To be used in conjunction with
Special Instructions Currently
in effect.

In Effect at 12:01 A. M. Pacific
Standard Time.

Sunday, September 29, 1963

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

I. W. BREWER,
Superintendent.

F. L. STEINBRIGHT,
General Manager.

E. S. ULYATT,
General Superintendent of
Transportation.

AUTHORIZED SURGEONS.

Dr. J. W. Gullikson, Chief Surgeon, Western District, Tacoma.
 Dr. E. R. Anderson, Associate Surgeon, Tacoma.
 Dr. C. W. May, Associate Surgeon, Tacoma.
 Dr. T. H. Skrinar, Associate Surgeon, Tacoma.
 Dr. C. I. Stevens, Associate Surgeon, Tacoma.

Location of Stretchers (S).

N. P. B. A. Hospital, Tacoma (S)	Auburn Yard Office (S)	
Tacoma Wrecker Tool Car (S)	Auburn Station (S)	
Tacoma Round House (S)	Puyallup (S)	
Tacoma Moon Yard Office (S)	Enumclaw (S)	Lester (S)
Head-of-Bay Yard, Tacoma (S)	Easton (S)	Kanaskat (S)
King St. Station, Seattle (S)	Woodinville (S)	Olympia (S)
Yard Office, Seattle (S)		

First Aid Box located at Kanaskat

LOCAL SURGEONS.

N. P. B. A. Clinic, Second Floor, N. P. Freight House, Seattle.
 Hours—9:00 a. m. to 11:59 a. m. Daily, except Saturdays and Sundays.

Dr. A. A. Searle..... West Seattle	Dr. C. H. Denzler..... Sumner
Dr. F. L. Scheyer..... Seattle	Dr. T. H. Clark..... Sumner
Dr. J. W. Finley..... Seattle	Dr. J. P. Duffy..... Sumner
Dr. D. J. Laviolette..... Renton	Dr. C. J. Scheyer..... Puyallup (S)
Dr. D. G. Huber..... Arlington	Dr. L. F. Sulkosky..... Puyallup
Dr. B. R. Burgoyne..... Arlington	Dr. A. W. Johansson..... Puyallup
Dr. N. W. Zook..... Arlington	Dr. J. H. Grelle..... Portland (S)
Dr. L. J. Ferrell..... Everett	Dr. Allen L. Mundal..... Portland (S)
Dr. F. L. Simmonds..... Sumas (S)	Dr. Edward Taylor..... Centralia (S)
Dr. J. W. Tooley..... Issaquah	Dr. P. S. Garnett..... Chehalis
Dr. J. L. Whitaker..... Snoqualmie	Dr. W. J. Dugaw..... Toledo
Dr. F. R. Sutherland..... Snoqualmie	(nr Winlock)
Dr. Ralph H. Eddings..... Snoqualmie	Dr. R. J. LaRue..... Castle Rock
Dr. Richard T. Anderson..... Snoqualmie	Dr. F. Davis..... Kelso
Dr. E. C. McKibben..... Kirkland	Dr. Ransom L. Smith..... Longview
Dr. E. C. McKibben, Jr..... Kirkland	Dr. C. J. Hoffman..... Woodland
Dr. S. R. Boynton, Jr..... Bellingham (S)	Dr. G. H. Johnson..... Vancouver
Dr. L. K. Englund..... Yakima	Dr. J. A. Walz..... Vancouver
Dr. R. M. Hill..... Ellensburg (S)	Dr. H. L. Skinner..... Battle Ground
Dr. W. W. Hicks..... Ellensburg	and Ridgefield
Dr. R. H. Welding..... Ellensburg	Dr. E. R. Tiffan..... Enumclaw
Dr. C. W. Olander..... Ellensburg	Dr. H. C. Watkins..... Hoquiam (S)
Dr. A. J. Gnose..... Ellensburg	Dr. M. C. Lindel..... Montesano
Dr. J. W. Devney..... Ellensburg	Dr. R. E. Fredericksen..... Aberdeen
Dr. R. Vernie..... Ellensburg	Dr. Wayne B. Carte..... Shelton
Dr. F. Rogalski..... Cle Elum (S)	Dr. B. N. Ootkin..... Dupont and
Dr. J. P. Mooney..... Roslyn	Ft. Lewis
Dr. G. D. Wilde..... Auburn	Dr. H. A. Barner..... Bremerton (S)
Dr. G. G. Thomas..... Auburn	Dr. N. C. Riddle..... Darrington
Dr. R. I. Shepard..... Auburn	

SPECIALISTS.

Dr. R. C. Laughlin, Eye Specialist..... Seattle	Dr. P. B. Smith, Eye, Ear, Nose and Throat Specialist.... Tacoma
Dr. J. M. Shiach, Eye, Ear, Nose and Throat Specialist.... Seattle	Dr. W. H. Ludwig, Oculist..... Tacoma
Dr. Paul M. Osmun, Ear, Nose and Throat Specialist.... Seattle	Dr. Cyril V. Lundvick, Eye, Ear, Nose and Throat Specialist.... Tacoma
Dr. T. F. Carey, Eye, Ear, Nose and Throat Specialist.... Seattle	Dr. R. B. Truckey, Nose and Throat Specialist.... Tacoma
Dr. G. H. Drumheller, Eye, Ear, Nose and Throat Specialist.... Everett	Dr. Canfield Beattie, Eye, Ear, Nose and Throat Specialist.... Portland
Dr. R. P. Schefter, Eye, Ear, Nose and Throat Specialist.... Yakima	

NOTE.

N. P. B. A. physicians and surgeons, when called upon, will attend to all cases of sickness and accident to employees, passengers and others. In a case of illness, or of injury unrelated to railway operation to other than N. P. B. A. members, surgeon should endeavor to collect a reasonable fee for service from person attended. If unable to collect, Chief Surgeon should be notified.

Where injuries, to other than N. P. B. A. members, are directly related to railway operation, charge for service should be sent to the General Claim Agent of the railway company.

In case of emergency, proper aid should be procured until arrival of local surgeon, when case must be placed in his hands.

Authorized Surgeons Union Pacific Railroad Co.

Dr. Kenneth C. Brown..... Portland	Dr. G. A. Peirson..... Portland
Dr. J. M. Roberts..... Portland	Dr. D. G. Duncan..... Portland
Dr. W. W. Hale..... Portland	Dr. E. C. Parkinson..... Portland
Dr. J. P. Craven..... Portland	Dr. P. A. Wagner..... Portland
Dr. H. M. Wiswall..... Vancouver	Dr. R. M. Galvin..... Centralia
Dr. G. F. Parke..... Centralia	Dr. E. L. Calhoun..... Aberdeen
Dr. R. D. Wright..... Tacoma	Dr. A. J. Herrmann..... Tacoma
Dr. P. B. Smith..... Tacoma	Dr. B. E. McConville..... Seattle
Dr. L. F. Lundy..... Seattle	Dr. S. J. Wood..... Seattle
Dr. J. M. Shiach..... Seattle	Dr. R. M. Hansen..... Portland
Dr. M. H. Johnson..... Portland	Dr. A. J. Kreft..... Portland

Authorized Surgeons G. N. Ry. Co.

Dr. Ralph M. Dodson..... Portland
Dr. A. Ehrlich..... Tacoma
Dr. Ross D. Wright..... Tacoma
Dr. H. M. Wiswall..... Vancouver
Dr. G. F. Parks..... Centralia
Dr. I. W. Varley..... Everett
Dr. F. K. Remington..... Seattle
Dr. Chester A. Regan..... Seattle
Dr. Roy F. West..... Seattle

Water, Fuel, Seales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS		Distance from Yakima.	Time Table No. 81 September 29, 1963			FIRST CLASS	
			25	1		STATIONS	26	2		
			Passenger	Passenger			Passenger	Passenger		
			Daily	Daily			Daily	Daily		
Telegraph Office and Calls						Distance from Auburn.				
KOR TWX	Yard	1811	L 4.15 AM	L 2.35 AM	0.0	YA-KM...YAKIMA.....DN	139.4	As 5.45 PM	As 2.00 AM	
	W95 E64	1815	4.20	2.41	3.8	SD.....SELAH.....PD	135.6	5.35	1.47	
	W115 E56	1819	4.24	2.45	7.2	.....POMONA.....P	132.2	5.30	1.43
	86	1822	4.29	2.51	11.3	.....HILLSIDE.....P	128.1	5.24	1.37
	90	1827	4.36	2.58	15.5	.....ROZA.....P	123.9	5.16	1.29
	120	1832	4.42	3.04	20.1	.....WYMER.....P	119.3	5.09	1.22
	89	1836	4.49	3.11	24.2	.....UMTANUM.....P	115.2	5.02	1.15
	W89 E70	1843	4.59	3.21	31.8	.....THRALL.....P	107.6	4.51	1.04
WXY	W83 E112	1848	s 5.08	s 3.27	36.6	EB.....ELLENSBURG.....DN	102.8	s 4.44	s 12.58	
	W89 E64	1855	5.21	3.40	44.2	.....THORP.....P	95.2	4.33	12.43
	64	1862	5.31	3.50	51.1	.....KOUNTZE.....P	88.3	4.23	12.33
	117	1865	5.34	3.53	53.8	.....BRISTOL.....P	85.6	4.20	12.30
	72	1869	5.39	3.57	57.6	.....TEANAWAY.....P	81.8	4.16	12.26
WY ZX	W116 E51	1873	5.43	s 4.04	61.5	CL.....CLE ELUM.....DN	77.9	4.12	s 12.21	
	117	1880	5.49	4.11	67.4	.....NELSON.....P	72.0	4.05	12.12
KR WXY	102	1886	5.56	f 4.20	74.1	EA.....EASTON.....DN	65.3	3.59	f 12.05 AM	
		1890	6.04	4.29	78.1	.....UPHAM.....P	61.3	3.50	11.56 PM
	W29	1894	6.13	4.39	82.5	.....MARTIN.....P	56.9	3.41	11.47
W	E56	1897	6.20	4.46	85.7	.....STAMPEDE.....P	53.7	3.34	11.40
		1904	6.30	4.56	90.7	.....KENNEDY.....P	48.7	3.24	11.30
RWTX	Yard	1911	6.40	s 5.10	95.7	DM.....LESTER.....DN	43.7	3.13	s 11.19	
	117	1917	6.50	5.21	102.9	.....MAYWOOD.....P	36.5	3.01	11.06
	52	1921	6.56	5.27	106.8	.....HUMPHREY.....P	32.6	2.53	11.00
	123	1925	7.02	5.32	110.4	.....EAGLE GORGE.....P	29.0	2.48	10.55
X		1932	7.12	5.43	117.1	.....PALMER JCT.....P	22.3	2.36	10.44
YZX	122	A1	7.14	5.45	118.3	GV.....KANASKAT.....DN	21.1	2.34	10.42	
	119	A7	7.21	5.52	124.2	.....RAVENSDALE.....P	15.2	2.25	10.33
	118	A14	7.29	6.00	131.1	.....COVINGTON.....P	8.3	2.17	10.24
X	89	A22	s 7.41	s 6.15	138.5	.....EAST AUBURN.....P	0.9	s 2.05	s 10.14
KORT WXYZ	Yard	CF9	A 7.53 AM	A 6.43 AM	139.4	AU-AY...AUBURN.....DN	0.0	L 1.56 PM	L 9.56 PM	
			3.25	3.38		Time Over Subdivision	3.40	3.42		
			40.8	38.4		Average Speed Per Hour	38.0	37.7		

EXCEPT ON DOUBLE TRACK, CTC, OR RULE 261 TERRITORY, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

AT CLE ELUM—TIME OF FIRST CLASS TRAINS APPLIES AT PASSENGER STATION.

No. 1 stops on flag at Maywood for revenue passengers on Saturdays.
No. 2 stops on flag at Maywood for revenue passengers on Sundays.

No. 1 and No. 2 will stop on flag at Kanaskat and Martin for revenue passengers only.

No. 1 stops on flag at Easton for express.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS					Distance from Tacoma.	Time Table No. 81		Distance from Seattle.	FIRST CLASS				
			407	459	457	25	1		September 29, 1963			460	408	26	458	2
			Passenger	Passenger	Passenger	Passenger	Passenger		STATIONS			Passenger	Passenger	Passenger	Passenger	Passenger
			Daily	Daily	Daily	Daily	Daily		Telegraph Offices and Calls		Daily	Daily	Daily	Daily	Daily	
KTW	Yard	1976						0.0	Q-WR...TACOMA...DN	40.4						
X								0.315th ST.....	40.1						
RX								0.1	NX.....U. P. JCT.....DN							
RX		1972						2.2	(Draw Bridge Line) RN.....RESERVATION...DN	38.2						
KTW	Yard	1976	L 7.18 PM	L 4.33 PM	L 12.35 PM			0.0	Q-WR...TACOMA...DN	40.1	As 8.57 AM	As 12.07 PM		As 5.57 PM		
RX		1972	7.22	4.37	A 12.39 PM			1.9	(Head of Bay Line) RN.....RESERVATION...DN	38.2	8.52	12.02 PM		L 5.52 PM		
X	W107 E46	1967	7.30	4.45				8.2	.....PYALLUP...PDN	31.9	8.44	11.54 AM			
XY		1966						9.6	.....MEEKER...P	30.5					
X		CF2	7.34	4.49				11.2	.....SUMNER...PD	28.9	8.40	11.50			
		CF4	7.37	4.52		See Page 3	See Page 3	13.7	.....DIERINGER...P	26.4			See Page 3	See Page 3	
KRTO	Yard	CF9	7.44	4.59		L 7.53 AM	L 6.43 AM	18.6	.....AUBURN...DN	21.5	8.32	11.42	A 1.56 PM	A 9.56 PM	
WXYZ		S4						20.5	.....CHRISTOPHER...P	19.6					
		S7						21.9	.....THOMAS...P	18.2					
X	53	CF15	7.50	5.05		8.00	6.51	23.8	.....KENT...PD	16.3	8.26	11.36	1.50	9.50	
		CF19						27.9	.....ORILLIA...P	12.2					
Y	18	CF21	7.56	5.11		8.07	6.58	29.4	.....BLACK RIVER...PDN	10.7	8.19	11.30	1.44	9.44	
X		CF27	8.05	5.20		8.16	7.08	36.9	G.....ARGO...DN To Spokane St.....1.4 To Seattle.....3.2	3.2	8.11	11.22	1.36	9.36		
								38.3	SF.....SPOKANE ST...DN							
RWO	Yard	CF31						39.3	.....MIDDLE YARD...P						
KXYZ								40.1	Auto. Block { From Argo.....3.2 } UD...SEATTLE...DN { Dbl. Track King Street Station }	0.0	L 8.05 AM	L 11.15 AM	L 1.30 PM	L 9.30 PM		
TWX			A 8.15 PM	A 5.30 PM		A 8.30 AM	A 7.20 AM				.52	.52	.26	.05	.26	
YOKR			.57	.57	.04	.37	.37		Time Over Subdivision							
			42.2	42.2	28.5	34.9	34.9		Average Speed Per Hour		46.2	46.2	49.6	22.8	49.6	

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 407 stops on flag at Puyallup to discharge revenue passengers from Vancouver and beyond and receive revenue passengers for points beyond Seattle.

No. 459 stops at Auburn to discharge revenue passengers from Vancouver and beyond and receive revenue passengers for points beyond Seattle.

No. 460 stops at Kent, Auburn, Sumner and Puyallup to discharge passengers from points Spokane and east.

CROSSOVERS

First Subdivision

Easton, Kennedy, Lester.

Second Subdivision

Seattle, Middle Yard, Argo, Black River, Black River Interchange, Kent, Auburn, Sumner, Meeker, Puyallup, Reservation.

Third Subdivision

U. P. Jct., Tacoma, McCarver St., Titlow, Pioneer Pit, Cascade Paper Co., Steilacoom, Ketrone, Nisqually, Saint Clair, Kyro, East Olympia, Tenino Jct., Bucoda, Centralia, Chehalis, Chehalis Jct., Napavine, Winlock, Vader, Castle Rock, Ostrander, Rocky Point, Kelso, Longview Jct., Kalama, Woodland, Ridgefield, Vancouver Jct., Vancouver.

Fourth Subdivision

South Tacoma

Car Capacity of Sidings.	Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	FIRST CLASS			Distance from Portland.	Time Table No. 81		Distance from Tacoma.	FIRST CLASS			
			407	459	457		September 29, 1963			460	408	458	
			Passenger	Passenger	Passenger		STATIONS			Passenger	Passenger	Passenger	
			Daily	Daily	Daily		Telegraph Offices and Calls			Daily	Daily	Daily	
Yard	WOZT KR	2121	L 4.15 PM	L 1.30 PM	L 9.30 AM	0.0	VC.....	PORTLAND..... DN	146.2	A 12.20 PM	A 3.15 PM	A 9.15 PM	
	WTOY	2119				2.0		LAKE YARD.....	144.2				

BETWEEN VANCOUVER AND PORTLAND TRAINS WILL BE GOVERNED BY SPOKANE, PORTLAND AND SEATTLE RAILWAY TIME TABLE AND RULES. TIME SHOWN AT PORTLAND FOR INFORMATION ONLY.

Yard	WR TOYX	CX29	Ls 4.34 PM	Ls 1.49 PM	Ls 9.51 AM	10.0	AUTOMATIC BLOCK	8.0 MX..... VANCOUVER..... DN	136.2	As 1.58 AM	As 2.53 PM	As 8.48 PM	
						3.1 VANCOUVER JCT..... P							
		CX25	4.37	1.52	9.54	13.1	DOUBLE TRACK	11.2 RG..... RIDGEFIELD..... PD	131.1	11.53	2.48	8.43	
W92 E73		CX15	4.48	2.03	10.05	24.3		5.4 WD..... WOODLAND..... PD	121.9	11.41	2.36	8.31	
S26		CX9	4.53	2.08	10.10	29.7		9.2 KA..... KALAMA..... DN	116.5	11.35	2.30	8.25	
W50 E68	X	2081	5.02	2.17	10.19	38.9		7.2 JC..... LONGVIEW JCT..... PD	107.3	f 11.25	2.20	8.15	
Yard	XY	2074	5.08	2.23	10.25	46.1		2.0 To East Yard To Kelso 2.9	100.1	11.18	2.13	8.08	
Yard	X	CV4				47.4		1.6 EAST YARD.....	102.9				
	KXR					49.0		VW..... LONGVIEW..... PD	104.5				
E96	X	2071	s 5.14	s 2.29	s 10.31	49.0		1.5 KS..... KELSO..... DN	97.2	s 11.14	s 2.09	s 8.04	
Yard		2068				50.5		2.1 ROCKY POINT..... P	95.7				
S13		2066	5.18	2.33	10.35	52.6		6.3 OSTRANDER.....	93.6	11.08	2.03	7.57	
W96 E84		2060	5.24	f 2.39	10.41	58.9	6.9 CA..... CASTLE ROCK..... DN	87.3	f 11.02	1.57	7.51		
S26						65.8	2.7 OLEQUA.....	80.4					
W93 E94		2050	5.34	2.49	10.51	68.5	6.4 VADER..... P	77.7	10.49	1.47	7.41		
E56	X	2044	5.41	2.56	10.58	74.9	3.1 WI..... WINLOCK..... PD	71.3	s 10.42	1.40	7.34		
						78.0	3.2 EVALINE.....	68.2					
W68 E96		2038	5.48	3.03	11.05	81.2	6.3 NA..... NAPAVINE..... DN	65.0	10.30	1.33	7.27		
	YX	2032	5.54	3.09	11.11	87.5	1.0 CHEHALIS JCT..... P	58.7	10.22	1.25	7.19		
W49	RX	2031	s 5.56	s 3.11	s 11.13	88.5	3.7 CH..... CHEHALIS..... PDN	57.7	s 10.21	s 1.24	s 7.18		
W74 E71	WTZK RYOX	2027	s 6.06	s 3.21	s 11.23	92.2	2.2 CN..... CENTRALIA..... PDN	54.0	s 10.14	s 1.17	s 7.11		
	X	2025				94.4	5.2 WABASH.....	51.8					
W102		2020	6.15	3.30	11.32	99.6	3.2 BUCODA..... P	46.6	9.56	1.06	7.00		
W56 E57			6.19	3.34	11.36	102.8	0.5 TENINO JCT..... P	43.4	9.53	1.03	6.57		
		2015	6.20	3.35	11.37	103.3	8.0 NO..... TENINO..... PD	42.9	9.52	1.02	6.56		
W95	X	CS35	s 6.29	f 3.44	s 11.46	111.3	5.1 EAST OLYMPIA..... P	34.9	s 9.43	s 12.53	s 6.47		
E95		CS30	6.34	3.50	11.51	116.4	1.6 KYRO..... P	29.8	9.36	12.46	6.37		
		CS28	6.36	3.52	11.53	118.0	3.8 SAINT CLAIR..... P	28.2	9.34	12.44	6.35		
18	X	CS24	6.40	3.57	11.57 AM	121.8	6.8 NU..... NISQUALLY..... DN	24.4	9.30	12.40	6.31		
E48		CS18	6.47	4.05	12.04 PM	128.6	2.0 KETRON..... P	17.6	9.23	12.33	6.24		
S12		CS16	6.49	4.07	12.06	130.6	5.9 UO..... STEILACOOM..... PD	15.6	9.21	12.31	6.22		
W86 E39		CS10	6.56	4.14	12.13	136.5	7.0 TITLOW..... P	9.7	9.15	12.25	6.16		
	X	CS2 1/2	7.04	4.22	12.21	143.5	2.4 McCARVER ST..... P	2.7	9.08	12.16	6.09		
	RX		7.08	4.26	12.25	145.9	0.3 NX..... U. P. JCT..... DN	0.3	9.02	12.12	6.03		
Yard	TZO KWX	1976	As 7.10 PM	As 4.29 PM	As 12.27 PM	146.2	0.3 Q-WR..... TACOMA..... DN	0.0	L 9.01 AM	L 12.11 PM	L 6.02 PM		
			2.36	2.40	2.36				2.57	2.42	2.46		
			52.4	51.0	52.4				46.2	50.4	49.2		
							Time Over Subdivision						
							Average Speed Per Hour						

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

No. 459 stops on flag at Winlock to receive passengers for Tacoma and Seattle and discharge passengers from Vancouver and beyond and to receive and discharge express.

No. 458 stops on flag at Winlock to receive revenue passengers for Vancouver and beyond and discharge revenue passengers from Tacoma and beyond and to receive and discharge express.

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**FOURTH SUB-DIVISION
(PRAIRIE LINE)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Tenino Jct.	Time Table No. 81		Distance from Moon Yard
				September 29, 1963		
				STATIONS		
Telegraph Offices and Calls						
X		W89 E57	0.0	.....TENINO JCT.....	P	39.2
X	2015	23	0.2	.....WEST TENINO.....		39.0
	2007	W56 E48	9.1	.....RAINIER.....	P	30.1
	2002	47	14.5	.....YELM.....	P	24.7
	1996	46	20.0	.....ROY.....	P	19.2
	1990	37	25.9	.....HILLHURST.....		13.3
Y	1988	Conn.	27.6	.....MOBASE.....	P	11.6
	1987	Conn.	29.5	.....MCHORD FIELD.....	P	9.7
X	1985	28	31.2	VA.....LAKEVIEW.....	PD	8.0
ZTX	1981	Yard	34.6	SU.....SOUTH TACOMA.....	PD	4.6
X			39.0	.....15TH ST.....		0.2
RX				NX.....U. P. JCT.....		
TO WXX	1976	Yard	39.2	.....MOON YARD.....	P	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**SEVENTEENTH SUB-DIVISION
(AMERICAN LAKE LINE)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Nisqually.	Time Table No. 81		Distance from Lakeview.
				September 29, 1963		
				STATIONS		
Telegraph Offices and Calls						
RX	CS24	7	0.0	NU.....NISQUALLY.....	DN	11.7
YX	CK7	Yard	3.9	D.....FORT LEWIS.....	PD	7.8
	CK5½	27	6.4	.....STONE.....		5.3
	CK5	26	7.0	.....CAMP MURRAY.....	P	4.7
	CK3	28	8.5	.....TILlicum.....		3.2
RX	1985	36	11.7	VA.....LAKEVIEW.....	PD	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**SEVENTH SUB-DIVISION
(BUCKLEY LINE AND WILKESON BRANCH)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Kanaskat Jct.	Time Table No. 81		Distance from Meeker.
				September 29, 1963		
				STATIONS		
Telegraph Offices and Calls						
			0.0	.....KANASKAT JCT.....		34.7
			2.1	.....PALMER.....		32.6
				To Bayne Jct. 1.1		
	1932		5.2	.....PALMER JCT.....	P	33.5
				To Bayne Jct. 2.0		
X			3.2	.....BAYNE JCT.....		31.5
X	1934	S20	3.4	.....BAYNE.....		31.3
	1936		4.6	.....CUMBERLAND.....		30.1
	1937	15	5.1	.....NACO.....		29.6
	1939	S62	7.5	.....VEAZEY.....	P	27.2
XYR	1942	38	10.9	CW.....ENUMCLAW.....	PD	23.8
X	1945	37	14.3	.....BUCKLEY.....		20.4
				To Cascade Jct. 4.3		
	CB8	S3	27.1	.....CARBONADO.....		24.5
	CB5	44	22.9	.....WILKESON.....		20.4
				To Cascade Jct. 4.3		
X	1949		18.6	.....CASCADE JCT.....		16.1
X	1950	67	19.7	.....SOUTH PRAIRIE.....		15.0
	1955	27	24.2	.....CROCKER.....		10.5
XY	1958	43	26.9	.....ORTING.....		7.8
YX	1966		34.7	.....MEEKER.....	P	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**EIGHTH SUB-DIVISION
(GREEN RIVER BRANCH)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Bagley Jct.	Time Table No. 81		Distance from Kanaskat.
				September 29, 1963		
				STATIONS		
Telegraph Offices and Calls						
X			0.0	.....BAGLEY JCT.....		6.1
X	CJ4	15	2.2	.....SELLECK.....		3.9
			5.1	.....KANASKAT JCT.....		1.0
YZX R	A1	125	6.1	GV.....KANASKAT.....	DN	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

EASTWARD—
Meeker to Kanaskat Jct., Cascade Jct. to Carbonado and Bayne Jct. to Palmer Jct.

EASTWARD—
Kanaskat to Bagley Jct.

**TWENTY-FIRST SUB-DIVISION
(WILLAPA HARBOR LINE)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Chehalis Jct.	Time Table No. 81 September 29, 1963	Distance from South Bend.
STATIONS						
Telegraph Offices and Calls						
YX		2032		0.0	..... CHEHALIS JCT..... P	58.5
		CW 2		3.4	..... LITTELL.....	53.1
		CW 5	S9	4.7	..... ADNA.....	51.8
RX		Conn.		6.6	..... MILLBURN.....	49.9
		CW10		29	..... CERES.....	46.5
			S53	12.2	..... MESKILL PIT.....	44.3
X		CW16		88	..... DRYAD.....	40.2
X		Conn.		16.8	..... DRYAD JCT.....	39.7
X		CW22		55	PL..... PE ELL..... D	34.2
X		CW29		50	..... PLUVIUS..... P	27.7
		CW35		65	..... FRANCES.....	21.3
		CW38		6	..... LEBAM.....	18.6
		CW42		30	..... HOLCOMB.....	14.2
		CW46		7	..... MENLO.....	10.0
		CW50		11	..... WILLAPA.....	6.0
X		CW53		70	ND..... RAYMOND..... D	3.4
WYX R		CW57		66	..... SOUTH BEND.....	0.0

EASTWARD—South Bend to Chehalis Jct.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-FOURTH SUB-DIVISION
(NACHES AND TIETON BRANCHES)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 81 September 29, 1963	Distance from Naches.
STATIONS						
Telegraph Offices and Calls						
KR WZTX		1811	Yard	0.0	YA-KM... YAKIMA..... DN	13.5
		KX3		9	..... FRUITVALE.....	10.8
X		KX4		18	..... BRACE.....	9.3
					To Weikel 4.9 To Gleed 2.6	
		KL5		13	..... WEIKEL.....	14.2
		KL9		25	..... COWICHE.....	17.8
		KL10		S4	..... HOLTZINGER.....	18.4
YX		KL12		50	..... TIETON.....	20.9
		KX6		53	..... GLEED.....	6.7
		KX8		10	..... ESCHBACH.....	5.5
		KX14		102	..... NACHES.....	0.0

EASTWARD—Naches to Yakima, and Tieton to Brace.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-SECOND SUB-DIVISION
(YACOLT BRANCH)**

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WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Rye.	Time Table No. 81 September 29, 1963	Distance from Vancouver Jct.
STATIONS						
Telegraph Offices and Calls						
VX		CY 4		64	..... RYE.....	3.6
		CX25		3.6	..... VANCOUVER JCT..... P	0.0

EASTWARD—
Vancouver Jct. to Rye.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

**TWENTY-THIRD SUB-DIVISION
(MOXEE BRANCH)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 81 September 29, 1963	Distance from Moxee City.
STATIONS						
Telegraph Offices and Calls						
KR WZTX		1811	Yard	0.0	YA-KM... YAKIMA..... DN	8.5
					..... TERRACE HEIGHTS.....	5.4
		KM3		7	..... BIRCHFIELD.....	3.0
		KM5		9	..... MOXEE CITY.....	0.0
		KM9		33		

EASTWARD—
Moxee City to Yakima.

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

SIXTH SUB-DIVISION

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.		Station Numbers.	Car Capacity of Sidings.	Distance from Cle Elum.	Time Table No. 81 September 29, 1963	Distance from Ronald.
STATIONS						
Telegraph Offices and Calls						
R WYXZ		1873	Yard	0.0	CL..... CLE ELUM..... DN	5.4
		CA4		3.5	..... ROSLYN..... P	1.9
		CA6		5.4 RONALD.....	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

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TENTH SUB-DIVISION

WESTWARD

(ORTING BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Lake Kapowsin.	Time Table No. 81		Distance from Orting.	EASTWARD— Orting to Lake Kapowsin.
				September 29, 1963			
				STATIONS			
				Telegraph Offices and Calls			
	CE10	75	0.0	..... LAKE KAPOWSIN.....	10.1		
	YX	1958	87	..... ORTING.....	0.0		

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS.**

ELEVENTH SUB-DIVISION

WESTWARD

(BELT LINE)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Time Table No. 81		Distance from Woodinville.	EASTWARD— Woodinville to Black River.	
			September 29, 1963				
			STATIONS				
			Telegraph Offices and Calls				
	RXX	CF21	18	L 6.05 AM	0.0	BI... BLACK RIVER... PDN	24.5
	X	BA22	13	6.38	2.1	RT... RENTON... D	22.4
		BA19	33	6.47	6.2	..... QUENDALL.....	18.3
		BA12	22	6.59	11.8	..... WILBURTON.....	12.7
		BA11	57	7.01	12.7	..... BELLEVUE.....	11.8
		BA 7	54	7.11	17.0	KR... KIRKLAND... DN	7.5
	RXX	CF55	Yard	A 7.26 AM	24.5	CJ... WOODINVILLE... PD	0.0
				1.21		Time Over Subdivision	.53
				18.1		Average Speed Per Hour	27.8

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

TWELFTH SUB-DIVISION

WESTWARD

(SNOQUALMIE BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Woodinville.	Time Table No. 81		Distance from North Bend.	EASTWARD— North Bend to Woodinville.
				September 29, 1963			
				STATIONS			
				Telegraph Offices and Calls			
	RXY	CF55	Yard	0.0	CJ... WOODINVILLE... PD	35.7	
		BC 7	20	6.5	..... REDMOND..... D	29.2	
		BC15	48	14.6	..... MONOHON.....	21.1	
	X	BC19	19	18.6	..... ISSAQUAH.....	17.1	
		BC26	28	25.3	..... PRESTON.....	10.4	
		BC29	S2	28.8	..... FALL CITY.....	6.9	
	X	BC32	S4	31.8	..... SNOQUALMIE FALLS.....	3.9	
	X	BC33	24	32.7	..... SNOQUALMIE..... D	3.0	
	XY	BC36	21	35.7	..... NORTH BEND.....	0.0	

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

THIRTEENTH SUB-DIVISION

WESTWARD

(HARTFORD LINE)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Time Table No. 81		Distance from Bromatt.	EASTWARD— Bromatt to Edgcomb.	
			September 29, 1963				
			STATIONS				
			Telegraph Offices and Calls				
	RX	CF68	S6	L 8.00 AM	0.0	..... BROMATT.....	19.9
	WYX	CF69	Yard	8.05	1.1	OM... SNOHOMISH... PD	18.8
		CF74	43	8.14	6.3	..... MACHIAS.....	13.6
		CF77	Yard	8.20	9.4	..... HARTFORD..... P	10.5
		CF82	55	8.30	13.9	..... GETCHELL..... P	6.0
	RX	CF88	52	A 8.42 AM	19.9	..... EDGEComb..... P	0.0
				.42		Time Over Subdivision	.42
				28.4		Average Speed Per Hour	28.4

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS
OF THE SAME CLASS, EXCEPT NO. 675 IS SUPERIOR
TO NO. 676.**

FOURTEENTH SUB-DIVISION

WESTWARD

(DARRINGTON BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Arlington Jct.	Time Table No. 81		Distance from Darrington.	EASTWARD— Darrington to Arlington Jct.
				September 29, 1963			
				STATIONS			
				Telegraph Offices and Calls			
	X	CF92	0.0	..... ARLINGTON JCT..... P	27.7		
		BK11	50	11.1	..... OSO.....	16.6	
		BK17	30	16.9	..... HAZEL.....	10.8	
		BK19	26	18.0	..... TULKER.....	9.7	
		BK21	S12	20.6	..... FORTSON.....	7.1	
	RXX	BK28	Yard	27.7	..... DARRINGTON..... D	0.0	

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

FIFTEENTH SUB-DIVISION

WESTWARD

(BELLINGHAM BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Wickham.	Time Table No. 81		Distance from Bellingham.
				September 29, 1963		
				STATIONS		
				Telegraph Offices and Calls		
	RXX	CF128	Yard	0.0	..... WICKERSHAM..... P	20.4
		BM1	28	1.5	..... MIRROR LAKE.....	18.9
		BM4	16	4.1	..... PARK.....	16.3
		BM11	31	11.7	..... AGATE BAY.....	8.7
		BM16	31	16.3	..... LARSON.....	4.1
	KR WYXX	BM20	Yard	20.4	WD... BELLINGHAM... PD	0.0

**EASTWARD TRAINS ARE SUPERIOR TO WESTWARD
TRAINS OF THE SAME CLASS.**

FIFTH SUB-DIVISION

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WESTWARD

(SUMAS BRANCH)

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS	FIRST CLASS		Distance from King St. Station, Seattle.	Time Table No. 81 September 29, 1963	Distance from Sumas.	FIRST CLASS	SECOND CLASS	
			675	601	581				572	592	676
			Freight	G.N. 360 Passenger	G.N. 358 Passenger				G.N. 357 Passenger	G.N. 359 Passenger	Freight
			Daily	Daily	Daily				Daily	Daily	Daily
TW XYO KR	CF31	Yard			0.0	UD.....SEATTLE.....DN King St. Station—South Portal 1.5 Double Track	128.0				

BETWEEN SOUTH PORTAL AND NORTH PORTAL INTERLOCKING RULES AND KING STREET PASSENGER STATION TUNNEL RULES GOVERN

						1.5	J.....NORTH PORTAL...DN	126.5		
X	CF35	Yard				2.5	.....INTERBAY.....P	124.0		
XY	CF37	36				2.9	.....FREMONT.....	121.1		
X	CF39					1.8	.....UNIVERSITY...P	119.3		
	CF46					7.1	.....LAKE.....	112.2		
	CF53	S16				0.8	B.....BOTHELL...PD	105.4		
RYX	CF55	Yard	L 7.26 AM			1.6	CJ.....WOODVILLE...PD	103.8		A 8.06 PM
X	CF60	58 58	7.46			0.0	.....MALTBY.....	97.8		7.53
X	CF68	S 6	A 8.00 AM			7.4	.....BROMART.....	90.4		L 7.35 PM
		59				0.5	SH...G. N.-SNOHOMISH...D	89.9		
						5.8				

BETWEEN G. N. SNOHOMISH AND LOWELL TRAINS WILL BE GOVERNED BY GREAT NORTHERN RY. TIME TABLE AND RULES.

X	BB6	71				43.9	.....LOWELL.....	84.1		
RWX YZ	BB8	Yard				0.2	.....BELT YARD.....	83.9		
X			VIA HART- FORD LINE 13th SUB.	L 3.42 PM	L 8.58 AM	1.3	EV.....EVERETT.....D	82.6		
X				A 3.46 PM	A 9.01 AM	0.1	.....SEALINE JCT.....	82.5	A 10.02 AM	A 3.35 PM
X						1.2	.....G. N. JCT.....	81.3	L 9.59 AM	L 3.32 PM
X		Old 81 New 82				0.6	.....MILWAUKEE JCT.....	80.7		
X						0.8	.....ROGER.....	79.9		
X						0.4	WY.....DELTA JCT.....DN	79.5		
						6.0				

BETWEEN DELTA JCT. AND KRUSE TRAINS WILL BE GOVERNED BY GREAT NORTHERN RY. TIME TABLE AND RULES.

RX	CF88	52	L 8.42 AM			54.5	.....KRUSE.....	73.5		
RWYX	CF91	Yard	9.04			3.8	.....EDGEComb.....P	69.7		A 6.53 PM
X	CF92		9.07			3.1	A.....ARLINGTON...PDN	66.6		6.23
	CF95	66	9.12			0.9	.....ARLINGTON JCT...P	65.7		6.19
	CF101	13	9.23			2.9	.....BRYANT.....	62.8		6.13
	CF107	13	9.33			0.3	.....McMURRAY.....	56.5		6.01
	CF109	53	9.37			5.7	.....MONTBORNE...P	50.8		5.49
	CF114	16	9.47			1.7	.....BIG LAKE.....	49.1		5.45
WTX	CF117	Yard	9.56			5.4	.....CLEAR LAKE.....	43.7		5.33
	CF122	36	10.10			3.2	WL...SEDRO-WOOLLEY...PD	40.5		5.24
RYX	CF128	Yard	10.18			7.3	.....THORNWOOD.....	33.2		5.11
	CF133	10	10.28			1.5	.....WICKERSHAM...P	28.7		5.01
	CF141	31	10.44			5.0	.....ACME.....	23.7		4.51
	CF151	12	11.03			7.9	.....DEMING.....P	15.8		4.35
RWX YZ	CF157	Yard	A 11.20 AM			9.4	.....NOOKSACK.....	6.4		4.16
						0.4	SM.....SUMAS.....PDN	0.0		L 4.00 PM
			3.12	.04	.03		Time Over Subdivision	.03	.03	3.24
			25.8	18.0	24.0		Average Speed Per Hour	24.0	24.0	24.4

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS, EXCEPT NO. 675 IS SUPERIOR TO NO. 676.

10 EIGHTEENTH SUB-DIVISION
WESTWARD (GATE LINE) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Centralia.	Time Table No. 81		Distance from Gate.	SECOND CLASS	
			695			September 29, 1963			696	
			Freight	Daily Ex. Sun.		STATIONS			Freight	Daily Ex. Sun.
KR WYZX	2027	Yard	L 1.00 AM	0.0	CN... CENTRALIA... PDN	13.8	A 6.35 PM	STATIONS		
	X			2.4	... BLAKESLEE JCT. ...	11.4	6.28	Telegraph Offices and Calls		
	CK51	57	1.19	6.6	... GRAND MOUND ...	7.2	6.16			
	CK47	49	1.28	11.2	... ROCHESTER ...	2.6	6.03			
	YX CK44	75	A 1.35 AM	13.8	... GATE ... P	0.0	L 5.55 PM			

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

SIXTEENTH SUB-DIVISION
WESTWARD (GRAYS HARBOR LINE) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from St. Clair.	Time Table No. 81		Distance from Mooclips.	SECOND CLASS	
			695			September 29, 1963			696	
			Freight	Daily Ex. Sun.		STATIONS			Freight	Daily Ex. Sun.
X	CS28	44		0.0	... SAINT CLAIR ... P	100.5		STATIONS		
	CK18	16		3.1	... QUADLOK ...	97.4		Telegraph Offices and Calls		
	CK20	30		4.5	... LACEY ...	96.0				
ROYZX	CK25	Yard		9.5	OY... OLYMPIA... PD	91.0				
	CK34	28		14.7	... BELMORE ...	85.8				
	CK37	29		21.3	... LITTLE ROCK ... P	79.2				
YX	CK44	75	L 1.35 AM	28.6	... GATE ... P	71.9	A 5.55 PM			
	CM 5	55	1.44	33.5	... OAKVILLE ... P	67.0	5.40			
	CM13	12	1.59	41.4	... PORTER ... P	59.1	5.19			
KXY	CM19	52	2.25	48.0	EF... ELMA... DN	52.5	5.01			
	CM23	27	2.32	51.8	... SATSOP ...	48.7	4.32			
X	CM29	58	2.43	57.8	MO... MONTESANO... PD	42.7	4.15			
YX	CM37	Yard	3.00	66.2	... ABERDEEN JCT. ... P	34.3	3.53			
RZX	CM40	Yard	3.30	69.0	SA... ABERDEEN... PDN	31.5	3.45			
TWY KZXO	CM44	Yard	A 3.45 AM	72.5	HO... HOQUIAM... PD	28.0	L 3.15 PM			
	CM56	85		85.1	... TULIPS ...	15.4				
	CM61	17		88.3	... COPALIS ...	12.2				
	CM63	43		91.5	... CARLISLE ...	9.0				
	CM64	27		92.6	... ONSLOW ...	7.9				
	CM68	17		96.3	... ALOHA ...	4.2				
	CM69			98.0	... PACIFIC BEACH ...	2.5				
YX	CM72	36		100.5	... MOCLIPS ... P	0.0				
			2.10		Time Over Subdivision		2.40			
			20.2		Average Speed Per Hour		16.4			

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

DOUBLE TRACK BETWEEN ABERDEEN AND HOQUIAM RIVER DRAWBRIDGE.

NINETEENTH SUB-DIVISION
(ELMA BRANCH)
(U. S. GOVERNMENT RAILWAY)
WESTWARD EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Bangor.	Time Table No. 81		Distance from Elma.
				September 29, 1963		
				STATIONS		
KR XY	CH68	Yard	0.0	BG... BANGOR... PD	68.5	
	CH65	49	3.4	... SILVERDALE... P	65.1	
X	CH63	63	5.9	... N. A. D. JCT. ... P	62.6	
				To Bremerton Jet. 5.3		
TXR	CH62	Yard	15.8	BM... BREMERTON... PD	61.9	
				To Bremerton Jet. 4.6		
	CH57	64	11.2	... BREMERTON JCT. ... P	57.3	
	CH54	59	14.3	... BELFAIR... P	54.2	
	CH41	59	26.9	... ALLYN... P	41.6	
	CH28	Yard	39.9	... BAY SHORE... P	28.6	
RX	CH25	Yard	43.4	NS... SHELTON... PD	25.1	
	CH15	55	54.1	... MARMAC... P	14.4	
	CH10	23	58.4	... STIMSON... P	10.1	
				To McCleary Jet. 2.6		
	CH 8	S15	61.0	... McCLEARY... P	8.2	
				To McCleary Jet. 0.7		
XY	CH 7	14	61.7	... McCLEARY JCT. ... P	7.5	
				To McCleary Jet. 3.5		
	CH 4	86	64.5	... WHITES... P	4.0	
YX KR	CM19	77	68.5	EF... ELMA... DN	0.0	

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

The line between Shelton-Bangor-Bremerton is owned by the United States Government and its maintenance and operation by the Northern Pacific is covered by contract with the Government.

TWENTIETH SUB-DIVISION
WESTWARD (OCOSTA BRANCH) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Aberdeen.	Time Table No. 81		Distance from Markham.
				September 29, 1963		
				STATIONS		
YX	CM37	Yard	0.0	SA... ABERDEEN... PDN	10.7	
						Eastward—Markham to Cosmopolis.

Between Aberdeen and South Aberdeen Jct., Trains Will be Governed by Union Pacific Time Table and Rules.

X			0.6	... SOUTH ABERDEEN JCT. ...	10.1
X	CG 2	30	2.3	... COSMOPOLIS ...	12.4
X			0.6	... SOUTH ABERDEEN JCT. ...	10.1
X	CR 3	50	1.2	... SOUTH ABERDEEN ...	9.5
X	CR13	10	10.7	... MARKHAM ...	0.0

EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.

COMMERCIAL SPURS.

FIRST SUBDIVISION	Miles from Yakima	Car Capacity
Holmes.....	34.1	41
Cabin Creek.....	76.6	Conn.
Lemolo.....	113.2	17
Henrys.....	124.8	Conn.

SECOND SUBDIVISION	Miles from Seattle	Car Capacity
Rhodes.....	6.8	40
Wieser.....	13.0	40
Pioneer Sand.....	14.7	13
Lynch Mfg.....	16.8	16
Valley Metals.....	16.9	5

THIRD SUBDIVISION	Miles from Tacoma	Car Capacity
Pioneer.....	13.2	60
Gravel Center.....	13.6	30
Cascade Paper (West Tacoma).....	14.4	16
Millman Lumber Co.....	73.1	5
North Pacific Grain Growers.....	108.8	38

FOURTH SUBDIVISION	Miles from Tacoma	Car Capacity
Weston.....	6.6	26
Metreco.....	10.9	25
Spanaway.....	12.3	Conn.
Wetico.....	31.9	10

FIFTH SUBDIVISION	Miles from King St. Station	Car Capacity
Keith.....	12.2	13
Navalair Jct.....	13.6	Conn.
Lake Forest Park.....	18.6	2
Kenmore.....	19.4	22
Lawrence.....	116.4	6

SEVENTH SUBDIVISION	Miles from Palmer Jct.	Car Capacity
Brew Mill.....	33.7	Conn.

ELEVENTH SUBDIVISION	Miles from Black River	Car Capacity
Scopa.....	4.7	104

TWELFTH SUBDIVISION	Miles from Woodinville	Car Capacity
Earlmount.....	4.5	8
Tanner.....	37.9	9

FOURTEENTH SUBDIVISION	Miles from Arlington Jct.	Car Capacity
Germain.....	9.9	2
Andron.....	26.7	Conn.

SIXTEENTH SUBDIVISION	Miles from St. Clair	Car Capacity
Ohm.....	13.9	20

SEVENTEENTH SUBDIVISION	Miles from Lakeview	Car Capacity
Wegoe.....	6.4	Wye

NINETEENTH SUBDIVISION	Miles from Elma	Car Capacity
Doubling.....	20.3	12
Burken Pro Gas.....	21.4	3
Olympia Plywood.....	24.1	10
Reed Shingle.....	24.3	6
Hunt Fuel.....	61.0	2
Pro-Gas.....	62.2	4
Wesco.....	58.9	5

TWENTY-SECOND SUBDIVISION	Miles from Vancouver Jct.	Car Capacity
Ampere.....	2.5	20

TWENTY-THIRD SUBDIVISION	Miles from Yakima	Car Capacity
National Can.....	2.6	9
Valley Junk.....	3.7	3

TWENTY-FOURTH SUBDIVISION	Miles from Brace	Car Capacity
Tasker.....	10.6	9

	Miles from Yakima	Car Capacity
Bonlow.....	12.1	3
Rowe.....	10.8	5
Ackley.....	4.2	4
Gammie Reed.....	2.4	9
Kiles.....	1.8	8

THROUGH FREIGHT SERVICE.

WESTWARD

FOR INFORMATION ONLY.

EASTWARD

THIRD 671	SECOND 679	691	SECOND 671	FIRST 679	FIRST 671	681	692	FIRST 672	FIRST 680	690	SECOND 672	SECOND 680	THIRD 672
	L 10.30 PM			L 3.30 PM		..... PORTLAND.....			A 4.30 AM			A 8.30 AM	
L 10.30 PM		L 8.15 PM	L 6.00 PM		L 9.00 AM	L 10.30 AM	..... VANCOUVER.....	A 11.00 AM	A 8.00 AM		A 3.30 AM	A 6.00 PM	A 5.00 AM
		A 1.00 AM				A 2.30 PM	..... U. P. JCT.....	L 4.30 AM			L 11.30 PM		
4.30 AM	4.30 AM		12.30 AM	9.00 PM	5.00 PM		..... TACOMA.....		3.30 AM	10.30 PM		1.30 PM	3.00 AM
	A 5.30 AM			A 10.30 PM			..... MIDDLE YARD.....			L 8.30 PM			L 1.00 AM
A 6.00 AM			A 2.00 AM		A 6.30 PM		..... SEATTLE.....	L 2.00 AM				L 12.01 PM	L 7.30 PM

First Subdivision.**LESTER.**

Switch at double track interlocked.

EASTON.

Switch at double track interlocked.

Second Subdivision.**SEATTLE.**

South Portal of King St. Tunnel, interlocked.

On Colorado Ave. Line:

Atlantic St., UP-CMStP&P Crossing.

Spokane St., Interlocked.

Between Spokane St. and Argo, CMStP&P Duwamish Ave. crossing.

Diagonal Wye, on tail track, CMStP&P Crossing.

On West Seattle Line:

East Marginal Way, joint track crossing.

Drawbridge 36-8, Interlocked.

Argo—UP—PC Crossing, Interlocked.

Between Black River and Argo:

CMStP&P Crossing, Interlocked.

Reservation: Junction UP—Interlocked.

Between Reservation and Union Depot, Drawbridge Line:

UP Crossing—Interlocked.

Drawbridge 39—Interlocked.

Drawbridge 39 to Union Depot—Interlocked.

Between Reservation and Union Depot:

21 Street to Union Depot—Interlocked.

Tacoma, Lincoln Ave. Line—CMStP&P Crossing.

Third Subdivision.

Between Union Depot and McCarver Street:

Union Depot to 11th Street—Interlocked.

Between Titlow and Steilacoom:

Drawbridge 14, Chambers Creek, Interlocked.

Chehalis Jct., CMStP&P Crossings, Interlocked.

Between Longview Jct. and Longview (Longview Line)

Drawbridge 0.59, Cowlitz River, Interlocked.

Between Woodland and Ridgefield:

Drawbridge 119, Lewis River, Interlocked.

Fourth Subdivision.

Between Moon Yard and South Tacoma:

Moon Yard to Pacific Avenue—Interlocked.

Fifth Subdivision.**SEATTLE.**

North and South Portals, King St. Tunnel, Interlocked.

INTERBAY.

Lead to Naval Supply Depot, GN Crossing, Automatic Interlocking.

Between Interbay and Fremont:

Drawbridge 4, Lake Washington Canal, Interlocked.

EVERETT.

GN Crossing protected by manually operated electrically locked gates.

Delta Jct., GN Junction, Interlocked.

Between Clear Lake and Sedro-Woolley:

Drawbridge 85, Skagit River.

Between Sedro-Woolley and Thornwood:

Two GN Crossings.

Between Nooksack and Sumas:

CMStP&P Crossing.

Eleventh Subdivision.

Renton: PCR Crossing, Interlocked.

Between Renton and Quendall: PCR Crossing.

Woodinville: 12th Subdivision Crossing.

Twelfth Subdivision.

Woodinville: 11th Subdivision Crossing.

Tanner: CMStP&P Crossing.

Thirteenth Subdivision.

Between Bromart and Snohomish:

Drawbridge 38, Snohomish River.

Fifteenth Subdivision.

Between Bellingham and South Bellingham:

GN Crossing.

Sixteenth Subdivision.

Aberdeen: Drawbridge 68, Wishkah River, Interlocked.

HOQUIAM:

Drawbridge 72-2, Hoquiam River, Interlocked.

Drawbridge 3-2, Hoquiam River Spur.

Seventeenth Subdivision

At Fort Lewis, in Dupont Powder Works,

Four Narrow Gauge Railroad Crossings

All protected by gates with reflectorized Stop Signals.

Eighteenth Subdivision.

Blakeslee Jct.: UP—CMStP&P Crossing, Automatic Interlocking.

Between Rochester and Gate: CMStP&P Crossing.

Nineteenth Subdivision.

Between Shelton and Bayshore:

Simpson Logging Co's. crossing 200 feet east of Government

Railway connection.

Twentieth Subdivision.

South Aberdeen: UP Crossing.

Twenty-First Subdivision.

Between Chehalis Jct. and Littell:

CW Crossing, Automatic Interlocking.

Between Raymond and South Bend:

Drawbridge 53, Willapa River.

Twenty-Fourth Subdivision.

Yakima: YVT Crossing.

D. E. CARLSON,
Assistant Superintendent.**D. PEINOVICH,**
Assistant Superintendent.**E. M. OVERLIE,**
Trainmaster.**J. W. SCHMIDT,**
Trainmaster-Roadmaster.**F. W. COCHRAN,**
Trainmaster.**L. F. WIECKING,**
Trainmaster.**J. C. BERGMAN,**
Trainmaster.**G. W. THOMPSON,**
Trainmaster.**C. G. STILLMAN,**
Chief Dispatcher.