

SPEED TABLE

Time Per Mile			Time Per Mile		
Minutes	Seconds	Miles Per Hour	Minutes	Seconds	Miles 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

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NORTHERN PACIFIC RAILWAY COMPANY

**Tacoma
Division**

TIME TABLE 78A

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

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

Wednesday, March 1, 1961

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.

**W. C. SMITH,
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. T. H. Clark... Sumner
Dr. F. L. Scheyer... Seattle	Dr. J. P. Duffy... Sumner
Dr. J. W. Finley... Seattle	Dr. C. J. Scheyer... Puyallup (S)
Dr. D. J. Laviolette... Renton	Dr. L. F. Sulkosky... Puyallup
Dr. D. G. Huber... Arlington	Dr. A. W. Johansson Puyallup
Dr. B. R. Burgoyne... Arlington	Dr. J. D. Hogan... Kent
Dr. N. W. Zook... Arlington	Dr. J. H. Grelle... Portland
Dr. O. A. Thomle... Everett (S)	Dr. Allen L.
Dr. L. J. Ferrell... Everett	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.	Dr. R. J. LaRue... Castle Rock
Eddings... Snoqualmie	Dr. F. Davis... Kelso
Dr. Richard T.	Dr. Ransom L.
Anderson... Snoqualmie	Smith... Longview
Dr. E. C. McKibben... Kirkland	Dr. C. J. Hoffman... Woodland
Dr. E. C. McKibben,	Dr. G. H. Johnson... Vancouver
Jr... Kirkland	Dr. H. L. Skinner... Battle Ground
Dr. S. R. Boynton,	and Ridgefield
Jr... Bellingham (S)	Dr. E. R. Tiffan... Enumclaw
Dr. L. K. Englund... Yakima	Dr. D. F. McKay... Orting
Dr. R. M. Hill... Ellensburg (S)	Dr. H. C. Watkins... Hoquiam (S)
Dr. W. W. Hicks... Ellensburg	Dr. Howard M.
Dr. R. H. Welding... Ellensburg	Bryant... Hoquiam
Dr. C. W. Olander... Ellensburg	Dr. Charles A.
Dr. A. J. Gnose... Ellensburg	Pollock... Hoquiam
Dr. J. W. Devney... Ellensburg	Dr. M. C. Lindel... Montesano
Dr. R. Vernie... Ellensburg	Dr. R. E.
Dr. F. Rogalski... Cle Elum (S)	Fredericksen... Aberdeen
Dr. J. P. Mooney... Roslyn	Dr. Wayne B. Carte... Shelton
Dr. G. D. Wilde... Auburn	Dr. B. N. Ootkin... Dupont and
Dr. G. Thomas... Auburn	Ft. Lewis
Dr. R. I. Shepard... Auburn	Dr. H. A. Barner... Bremerton (S)
Dr. C. H. Denzler... Sumner	Dr. N. C. Riddle... Darrington

SPECIALISTS.

Dr. R. C. Laughlin,	Dr. P. B. Smith,
Eye Specialist... Seattle	Eye, Ear, Nose and
Dr. J. M. Shiach,	Throat Specialist... Tacoma
Eye, Ear, Nose and	Dr. W. H. Ludwig,
Throat Specialist... Seattle	Oculist... Tacoma
Dr. Paul M. Osmun,	Dr. Canfield Beattie,
Ear, Nose and	Eye, Ear, Nose and
Throat Specialist... Seattle	Throat Specialist... Portland
Dr. G. H. Drumheller,	Dr. Cyril V. Lundvick,
Eye, Ear, Nose and	Eye, Ear, Nose and
Throat Specialist... Everett	Throat Specialist... Tacoma
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 G. N. Ry. Co.

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

Authorized Surgeons Union Pacific Railroad Company.

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

Water, Fuel, Scales, Turn Tables, Ways and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS		Distance from Yakima.	Time Table No. 78A		Distance from Auburn.	FIRST CLASS	
			25	1		March 1, 1961			26	2
			Passenger	Passenger		STATIONS			Passenger	Passenger
			Daily	Daily		Telegraph Office and Calls			Daily	Daily
WZ TXO	1811	Yard	L 3.36 AM	L 2.25 ² AM	0.0	YA-KM... YAKIMA..... DN	139.4	As 5.45 PM	As 2.25 ¹ AM	
	1815	W101 E69	3.41	2.31	3.8	3.8 SD..... SELAH..... PD	135.6	5.35	2.09	
	1819	W117 E61	3.45	2.35	7.2	3.4 POMONA..... P	132.2	5.30	2.05	
	1822	90	3.50	2.41	11.3	4.1 HILLSIDE..... P	128.1	5.24	1.58	
	1827	96	3.57	2.48	15.5	4.2 ROZA..... P	123.9	5.16	1.50	
	1832	125	4.04	2.55	20.1	4.6 WYMER..... P	119.3	5.09	1.42	
	1836	96	4.10	3.01	24.2	4.1 UMTANUM..... P	115.2	5.02	1.35	
	1843	W95 E76	4.20	3.12	31.8	7.6 THRALL..... P	107.6	4.51	1.24	
WXY	1848	W88 E117	s 4.29	s 3.22	36.6	4.8 EB.... ELLENBURG..... DN	102.8	s 4.45	s 1.18	
	1855	W96 E69	4.37	3.31	44.2	7.6 THORP..... P	95.2	4.33	1.03	
	1862	69	4.47	3.41	51.1	6.9 KOUNTZE..... P	88.3	4.23	12.53	
	1865	125	4.50	3.44	53.8	2.7 BRISTOL..... P	85.6	4.20	12.50	
	1869	78	4.54	3.48	57.6	3.8 TEANAWAY..... P	81.8	4.16	12.46	
WY ZX	1873	W125 E48	4.58	s 3.55	61.5	3.9 CL.... CLE ELUM..... DN	77.9	4.12	s 12.41	
	1880	125	5.04	4.02	67.4	5.9 NELSON..... P	72.0	4.05	12.32	
WXYO	1886	107	5.10	f 4.11	74.1	6.7 EA.... EASTON..... DN	65.3	3.59	f 12.25	
W	1890		5.17	4.20	78.1	4.0 UPHAM..... P	61.3	3.50	12.16	
W	1894	W38	5.26	4.31	82.5	4.4 MARTIN..... P	56.9	3.41	12.07 AM	
W	1897	E66	5.33	4.38	85.7	3.2 STAMPEDE..... P	53.7	3.34	11.59 PM	
W 2.8 ml. E	1904		5.43	4.48 ⁷	90.7	5.0 KENNEDY..... P	48.7	3.24	11.50	
WTX	1911	Yard	5.53	s 5.02	95.7	5.0 DM.... LESTER..... DN	43.7	3.13	s 11.39	
	1917	125	6.03	5.12	102.9	7.2 MAYWOOD..... P	36.5	3.01	11.26	
	1921	60	6.08	5.20	106.8	3.9 HUMPHREY..... P	32.6	2.53	11.20	
	1925	128	6.13	5.24	110.4	3.6 EAGLE GORGE..... P	29.0	2.49	11.16	
X	1932		6.22	5.36	117.1	6.7 PALMER JCT..... P	22.3	2.36	11.04	
YZX	A1	128	6.24	5.38	118.3	1.2 GV.... KANASKAT..... DN	21.1	2.34	11.02	
	A7	128	6.30	5.46	124.2	5.9 RAVENSDALE..... P	15.2	2.25	10.55	
	A14	125	6.37	5.55	131.1	6.9 COVINGTON..... P	8.3	2.17	10.44	
X	A22	94	s 6.50	s 6.20	138.5	7.4 EAST AUBURN..... P	0.9	s 1.59	s 10.19	
TWO XYZ	CF9	Yard	A 6.58 AM	A 6.38 AM	139.4	0.9 AU-AY.... AUBURN..... DN	0.0	L 1.56 PM	L 10.16 PM	
			3.17	3.58				3.44	3.59	
			42.5	35.1				37.4	35.0	
						Time Over Subdivision				
						Average Speed Per Hour				

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.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Car Capacity of Sidings.	Station Numbers.	FIRST CLASS					Distance from Tacoma.	Time Table No. 78A	Distance from Seattle.	FIRST CLASS				
			407	457	25	1	401		460		408	26	458	2	
			Passenger	Passenger	Passenger	Passenger	Passenger		Passenger		Passenger	Passenger	Passenger	Passenger	Passenger
			Daily	Daily	Daily	Daily	Daily		STATIONS	Daily	Daily	Daily	Daily	Daily	
									Telegraph Offices and Calls						
TW OXZ	Yard	1976						0.0	Q-WR... TACOMA.....DN	40.4					
X								0.3	AX... 15th ST. TOWER...DN	40.1					
X		1972						2.2	(Draw Bridge Line) RN... RESERVATION...DN	38.2					
TW OXZ	Yard	1976	L 8.33 PM	L 12.35 PM			L 4.45 AM	0.0	(Q-WR... TACOMA...DN) 1.0 (Head of Bay Line) RN... RESERVATION...DN	40.1	As 8.57 AM	As 1.22 PM		As 5.57 PM	
X		1972	8.37	A 12.39 PM			4.49 AM	1.9	3.3 PY... PUYALLUP...PDN	38.2	8.52	1.17		L 5.52 PM	
X	W115 E50	1967	8.45				s 4.58	8.2	1.4 MEEKER...P	31.9	8.44	1.09			
XY		1966						9.6	1.6 SUMNER...PD	30.5					
X		CF2	8.49				s 5.07	11.2	2.5 DIERINGER...P	28.9	8.40	1.05			
		CF4	8.52		See Page 3	See Page 3	5.11	13.7	4.9 AU-AY. AUBURN...DN	26.4			See Page 3	See Page 3	
TOW XYZ	52	CF9	8.59	L 6.58 AM	L 6.38 AM	s 5.20	18.6	18.6	1.9 CHRISTOPHER...P	21.5	8.32	12.57	A 1.56 PM	A 10.16 PM	
	S4	CF11					20.5	20.5	1.4 THOMAS...P	19.6					
	S13	CF13					21.9	21.9	1.9 KN... KENT...PD	18.2					
X	57	CF15	9.05		7.04	6.46	s 5.29	23.8	4.1 ORILLIA...P	16.3	8.26	12.51	1.50	10.10	
		CF19						27.9	1.5 BI... BLACK RIVER.PDN	12.2					
Y	18	CF21	9.11		7.10	6.53	5.37	29.4	7.5 G... ARGO...DN	10.7	8.19	12.45	1.44	10.04	
X		CF27	9.20		7.18	7.03	5.47	36.9	1.4 To Spokane St...DN	3.2	8.11	12.37	1.36	9.56	
								38.3	3.2 To Seattle...DN						
								39.3	SF... SPOKANE ST...DN						
WO XYZ	Yard	CF31							1.0 MIDDLE YARD...P						
TW XYO			A 9.30 PM		A 7.30 AM	A 7.15 AM	A 6.00 AM	40.1	Auto. Block { From Argo...3.2 } UD... SEATTLE...DN } Dbl. Track King Street Station }	0.0	L 8.05 AM	L 12.30 PM	L 1.30 PM	L 9.50 PM	
			.57	.04	.32	.37	1.15		Time Over Subdivision		.52	.52	.26	.05	
			42.2	28.5	40.3	34.9	32.1		Average Speed Per Hour		46.2	46.2	49.6	22.8	

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

No. 1 stops at Kent to discharge passengers from Pasco and East.

No. 407 stops on flag at Puyallup 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.

AT ALL ELIM-TIME OF FIRST CLASS TRAINS APPLIES AT PASSENGER STATION.
WESTWARD TRAINS OF THE SAME CLASS.
EXCEPT ON DOUBLE TRACK, ETC. OR RULE 361 TERRITORY, EASTWARD TRAINS ARE SUPERIOR TO

No. 1 stops on flag at Maywood for revenue passengers on Saturdays.
No. 2 stops on flag at Maywood for revenue passengers on Saturdays.
No. 1 and No. 2 will stop on flag at Maywood and Martin for revenue passengers only.

Car Capacity of Sidings.	Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	FIRST CLASS			Distance from Portland.	Time Table No. 78A March 1, 1961			Distance from Tacoma.	FIRST CLASS		
			401	407	457		STATIONS	460	408		458		
			Passenger	Passenger	Passenger		Telegraph Offices and Calls	Passenger	Passenger		Passenger		
Yard	WOZT	2121	L* 11.45 PM	L 5.30 PM	L 9.30 AM	0.0	VC.....	PORTLAND.....	DN	146.2	A 12.20 PM	A 4.30 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	W TOYX	CX29	Ls 12.11 AM	Ls 5.49 PM	Ls 9.51 AM	10.0	AUTOMATIC BLOCK			DOUBLE TRACK			
		CX25	12.15	5.52	9.54	13.1	MX.....	VANCOUVER.....	DN	136.2	As 1.58 AM	As 4.08 PM	As 8.48 PM
W9s E78		CX15	f 12.30	6.03	10.05	24.3		VANCOUVER JCT.....	P	133.1	11.53	4.03	8.43
S28		CX9	f 12.40	6.08	10.10	29.7	RG.....	RIDGEFIELD.....	PD	121.9	11.41	3.51	8.31
W55 E76	X	2081	f 12.52	6.17	10.19	38.9	WD.....	WOODLAND.....	PD	116.5	11.35	3.45	8.25
Yard	XY	2074	1.00	6.23	10.25	46.1	KA.....	KALAMA.....	DN	107.3	f 11.25	3.35	8.15
							JC.....	LONGVIEW JCT.....	PD	100.1	11.18	3.28	8.08
							To East Yard 2.0 To Kelso 2.9						
Yard	X	CV4				47.4		EAST YARD.....		102.9			
	X					49.0	VW.....	LONGVIEW.....	PD	104.5			
E104	X	2071	s 1.17	s 6.29	s 10.31	49.0	KS.....	KELSO.....	DN	97.2	s 11.14	s 3.24	s 8.04
Yard		2068				50.5		ROCKY POINT.....	P	95.7			
S9		2066	1.22	6.33	10.35	52.6		OSTRANDER.....		93.6	11.08	3.18	7.57
W102 E*9	X	2060	s 1.32	6.39	10.41	58.9	CA.....	CASTLE ROCK.....	DN	87.3	f 11.02	3.12	7.51
S20						65.8		OLEQUA.....		80.4			
W101 E107		2050	f 1.44	6.49	10.51	68.5	PN.....	VADER.....	PD	77.7	10.49	3.02	7.41
E69	X	2044	s 1.56	6.56	10.58	74.9	WI.....	WINLOCK.....	PD	71.3	s 10.42	2.55	7.34
						78.0		EVALINE.....		68.2			
W67 E101		2038	f 2.06	7.03	11.05	81.2	NA.....	NAPAVINE.....	DN	65.0	10.30	2.48	7.27
	YX	2032	2.12	7.09	11.11	87.5		CHEHALIS JCT.....	P	58.7	10.22	2.40	7.19
W54	X	2031	s 2.19	s 7.11	s 11.13	88.5	CH.....	CHEHALIS.....	P DN	57.7	s 10.21	s 2.39	s 7.18
W79 E80	WTZ YOX	2027	s 2.30 2.45	s 7.21	s 11.23	92.2	CN.....	CENTRALIA.....	P DN	54.0	s 10.14	s 2.32	s 7.11
	X	2025				94.4		WABASH.....		51.8			
W108		2020	f 2.56	7.30	11.32	99.6		BUCODA.....	P	46.6	9.56	2.21	7.00
W60 F61			3.00	7.34	11.36	102.8		TENINO JCT.....	P	43.4	9.53	2.18	6.57
		2015	f 3.06	7.35	11.37	103.3	NO.....	TENINO.....	PD	42.9	9.52	2.17	6.56
W92	X	CS35	f 3.16	s 7.44	s 11.46	111.3		EAST OLYMPIA.....	P	34.9	s 9.43	s 2.08	s 6.47
E91		CS30	3.23	7.50	11.52	116.4		KYRO.....	P	29.8	9.36	2.01	6.37
		CS28	3.26	7.52	11.54	118.6		SAINT CLAIR.....	P	28.2	9.34	1.59	6.35
7	X	CS24	f 3.32	7.57	11.59 AM	121.8	NU.....	NISQUALLY.....	DN	24.4	9.30	1.55	6.31
E53		CS18	3.40	8.05	12.07 PM	128.6		KETRON.....	P	17.6	9.23	1.48	6.24
S12		CS16	f 3.45	8.07	12.09	130.6	UO.....	STEILACOOM.....	PD	15.6	9.21	1.46	6.22
W94 E43		CS10	3.55	8.14	12.16	136.5	SX.....	TITLOW.....	PD	9.7	9.15	1.40	6.16
	X	CS2½	4.05	8.22	12.24	143.5	NX.....	MCCARVER ST.....	DN	2.7	9.08	1.33	6.09
						145.9		U. P. JCT.....		0.3			
Yard	TZO WX	1976	As 4.15 AM	As 8.29 PM	As 12.31 PM	146.2	Q-WR.....	TACOMA.....	DN	0.0	L 9.01 AM	L 1.26 PM	L 6.02 PM
			3.49	2.40	2.40			Time Over Subdivision		2.57	2.42	2.46	
			35.7	51.0	51.0			Average Speed Per Hour		46.2	50.4	49.2	

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

No. 407 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.
No. 407 and No. 458 stop on flag at Castle Rock to receive and discharge express.

**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. 78A		Distance from Tacoma.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
X		W70 E70	0.0	.....TENINO JCT.....P		39.2
X	2015	34	0.2	.....WEST TENINO.....		39.0
	2007	W58 E69	9.1	.....RAINIER.....P		30.1
	2002	57	14.5	.....YELM.....P		24.7
	1996	61	20.0	.....ROY.....P		19.2
	1990	48	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	36	31.2	VA.....LAKEVIEW.....PD		8.0
ZTX	1981	Yard	34.6	{ SU...SOUTH TACOMA...PD	Dbl. Track	4.6
X			39.0	{ AX...15TH ST. TOWER...DN		0.2
TO WXZ	1976	Yard	39.2	Q-WR.....TACOMA.....DN		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. 78A		Distance from Lakeview.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
X	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
X	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 Kanasakat Jct.	Time Table No. 78A		Distance from Meeker.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
			0.0	.....KANASKAT JCT.....		34.7
			2.1	.....PALMER.....		32.6
			5.2	To Bayne Jct. 1.1		
	1932		5.2	.....PALMER JCT.....P		33.5
			3.2	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
XY	1942	38	10.9	CW.....ENUMCLAW.....PD		23.8
X	1945	37	14.3	.....BUCKLEY.....		20.4
			27.1	To Cascade Jct. 4.3		
	CB8	S3	27.1	.....CARBONADO.....		24.5
	CB5	44	22.9	.....WILKESON.....		20.4
			18.6	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.**

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

**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. 78A		Distance from Kanasakat.
				March 1, 1961		
				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	A1	125	6.1	GV.....KANASKAT.....DN		0.0

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

EASTWARD—
Kanasakat 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. 78A		Distance from South Bend.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
YX	2032		0.0	..... CHEHALIS JCT..... P	56.5	
	CW 2		3.4	..... LITTELL.....	53.1	
	CW 5	26	4.7	..... ADNA.....	51.8	
X		Conn.	6.6	MB..... MILLBURN..... D	49.9	
	CW10	29	10.0	..... CERES.....	46.5	
		S53	12.2	..... MESKILL PIT.....	44.3	
X	CW16	88	16.3	..... DRYAD.....	40.2	
X		Conn.	16.8	..... DRYAD JCT.....	39.7	
X	CW22	55	22.3	..... PE ELL..... P	34.2	
X	CW29	50	28.8	..... PLUVIUS..... P	27.7	
	CW35	65	35.2	..... FRANCES.....	21.3	
	CW38	6	37.9	..... LEBAM.....	18.6	
	CW42	30	42.3	..... HOLCOMB.....	14.2	
	CW46	7	46.5	..... MENLO.....	10.0	
	CW50	11	50.5	..... WILLAPA.....	6.0	
X	CW53	70	53.1	ND..... RAYMOND..... D	3.4	
WYX	CW57	66	56.5	..... SOUTH BEND.....	0.0	

EASTWARD—South Bend to Chehalis Jct.

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

**TENTH SUB-DIVISION
(ORTING BRANCH)**

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Lake Kapowsin.	Time Table No. 78A		Distance from Orting.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
	CE10	75	0.0	..... LAKE KAPOWSIN.....	10.1	
YX	1958	87	10.1	..... ORTING.....	0.0	

EASTWARD—Orting to Lake Kapowsin.

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

**EIGHTEENTH SUB-DIVISION
(GATE LINE)**

7

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Centralia.	Time Table No. 78A		Distance from Gate.	SECOND CLASS	
			695			March 1, 1961			696	
			Freight Daily Ex. Sun.			STATIONS			Freight Daily Ex. Sun.	
						Telegraph Offices and Calls				
WYZX	2027	Yard	L 1.00 AM	0.0	CN... CENTRALIA.. PDN	} Double Track	13.8	A 7.35 PM		
X			1.10	2.4	... BLAKESLEE JCT....		11.4	7.28		
	CK51	57	1.19	6.6	... GRAND MOUND.....		7.2	7.16		
	CK47	49	1.28	11.2	... ROCHESTER.....	2.6	7.03			
YX	CK44	75	A 1.35 AM See Page 8	13.8	HK..... GATE..... PD	0.0	L 6.55 PM See Page 8			
			.35		Time Over Subdivision			.40		
			23.6		Average Speed Per Hour			20.7		

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

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

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Rye.	Time Table No. 78A		Distance from Vancouver Jct.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
VX	CY 4	64	0.0	..... 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.

WESTWARD

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. 78A		Distance from Moclips.	SECOND CLASS	
			695			March 1, 1961			696	
			Freight	Daily Ex. Sun.		STATIONS			Freight	Daily Ex. Sun.
						Telegraph Offices and Calls				
X	CS28	44			0.0	..... SAINT CLAIR	P	100.5		
	CK18	16			3.1	..... QUADLOK		97.4		
	CK20	30			4.5	..... LACEY		96.0		
OYZX	CK25	Yard			9.5	OY..... OLYMPIA	PD	91.0		
	CK34	28			14.7	..... BELMORE		85.8		
	CK37	29	See page 7		21.3	..... LITTLE ROCK	P	79.2	See page 7	
YX	CK44	75	L 1.35 AM		28.6	HK..... GATE	PD	71.9	A 6.55 PM	
	CM 5	55	1.44		33.5	..... OAKVILLE	P	67.0	6.40	
	CM13	12	1.59		41.4	..... PORTER	P	59.1	6.19	
XY	CM19	52	2.25		48.0	EF..... ELMA	DN	52.5	6.01	
	CM23	27	2.32		51.8	..... SATSOP		48.7	5.32	
X	CM29	58	2.43		57.8	MO..... MONTESANO	PD	42.7	5.15	
YX	CM37	Yard	3.00		66.2	..... ABERDEEN JCT.	P	34.3	4.53	
ZX	CM40	Yard	3.30		69.0	SA..... ABERDEEN	PDN	31.5	4.45	
WY ZXO	CM44	Yard	A 3.45 AM		72.5	HO..... HOQUIAM	PD	28.0	L 4.15 PM	
	CM56	S5			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.

WESTWARD

EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Bangor.	Time Table No. 78A		Distance from Elma.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
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 Jct. 5.3		
X	CH62	Yard	15.8	BM..... BREMERTON	PD	61.9
				To Bremerton Jct. 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
X	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 Jct. 2.6		
	CH 8	S15	61.0	..... McCLEARY		8.2
				To McCleary Jct. 0.7		
XY	CH 7	14	61.7	..... McCLEARY JCT.	P	7.5
	CH 4	S6	64.5	..... WHITES		4.0
YX	CM19	77	68.5	EF..... ELMA	DN	0.0

EASTWARD—
Elma to Bangor, McCleary Jct. to McCleary, and Bremerton Jct. to Bremerton.

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. 78A		Distance from Markham.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
YX	CM37	Yard	0.0	..... ABERDEEN		10.7
				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.

FIFTH SUB-DIVISION

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. 78A March 1, 1961	Distance from Sumas.	FIRST CLASS	SECOND CLASS	
			675	581	601				572	592	676
			Freight	G.N. 358 Passenger	G.N. 360 Passenger				G.N. 357 Passenger	G.N. 359 Passenger	Freight
			Daily	Daily	Daily				Daily	Daily	Daily
TW XYO	CF31	Yard			0.0						

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

						1.5	J. NORTH PORTAL . . . DN	126.5		
ZX	CF35	Yard				4.0	. . . . . INTERBAY P	124.0		
XY	CF37	36				6.9	. . . . . FREMONT	121.1		
X	CF39					8.7	. . . . . UNIVERSITY P	119.3		
	CF46	36				15.8	. . . . . LAKE	112.2		
	CF53	S16				22.6	B. BOTHELL PD	105.4		
YX	CF55	Yard	L 8.26 AM			24.2	CJ. WOODINVILLE . . . PD	103.8		A 9.06 PM
X	CF60	58 58	8.46			30.2	. . . . . MALTBY	97.8		8.53
X	CF68	S 6	A 9.00 AM			37.6	. . . . . BROMART	90.4		L 8.35 PM
		59				38.1	SH. G. N.-SNOHOMISH . . . D	89.9		

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		
WXYZ	BBS	Yard				44.1	. . . . . BELT YARD	83.9		
X			VIA HART-FORD LINE 13th SUB.	L 9.05 AM	L 3.26 PM	45.4	EV. EVERETT D	82.6		
X				A 9.08 AM	A 3.29 PM	45.5	. . . . . SEALINE JCT.	82.5	A 11.06 AM	A 3.46 PM
X						46.7	. . . . . G. N. JCT.	81.3	L 11.03 AM	L 3.43 PM
X						47.3	. . . . . MILWAUKEE JCT.	80.7		VIA HART-FORD LINE 13th SUB.
X	Old 81 New 82					48.1	. . . . . ROGER	79.9		
X						48.5	WY. DELTA JCT. DN	79.5		

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

X	CF88	52	L 9.42 AM			54.5	. . . . . KRUSE	73.5		
WYX	CF91	Yard	10.04			58.3	. . . . . EDGEComb P	69.7		A 7.53 PM
X	CF92		10.07			61.4	A. ARLINGTON . . . PDN	66.6		7.45
	CF95	66	10.12			62.3	. . . . . ARLINGTON JCT. P	65.7		7.19
	CF101	13	10.23			65.2	. . . . . BRYANT	62.8		7.13
	CF107	13	10.33			71.5	. . . . . McMURRAY	56.5		7.01
	CF109	53	10.37			77.2	. . . . . MONTBORNE P	50.8		6.49
	CF114	16	10.47			78.9	. . . . . BIG LAKE	49.1		6.45
WTX	CF117	Yard	10.56			84.3	. . . . . CLEAR LAKE	43.7		6.33
	CF122	36	11.10			87.5	WL. SEDRO-WOOLLEY . . . PD	40.5		6.24
YX	CF128	Yard	11.18			94.8	. . . . . THORNWOOD	33.2		6.11
	CF133	10	11.28			99.3	. . . . . WICKERSHAM P	28.7		6.01
	CF141	31	11.44 AM			104.3	. . . . . ACME	23.7		5.51
	CF151	12	12.03 PM			112.2	. . . . . DEMING P	15.8		5.35
WXYZ	CF157	Yard	A 12.20 PM			121.6	. . . . . NOOKSACK	6.4		5.16
						128.0	SM. SUMAS PDN	0.0		L 5.00 PM
			3.12	.03	.03		Time Over Subdivision		.03	.03
			24.8	24.0	24.0		Average Speed Per Hour		24.0	24.0

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

10 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. 78A		Distance from North Bend.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
XY	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	82	28.8		..... FALL CITY	6.9
X	BC32	84	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—North Bend to Woodinville.

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

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. 78A		Distance from Darrington.
				March 1, 1961		
				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	817	20.6		..... FORTSON	7.1
YX	BK28	Yard	27.7		..... DARRINGTON D	0.0

EASTWARD—Darrington to Arlington Jct.

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 Wickersham.	Time Table No. 78A		Distance from Bellingham.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
YX	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
WYZX	BM20	Yard	20.4	WD.....	BELLINGHAM PD	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.	SECOND CLASS		Distance from Black River.	Time Table No. 78A		Distance from Woodinville.	SECOND CLASS	
			675			March 1, 1961			676	
			Freight	Daily		STATIONS			Freight	Daily
			Telegraph Offices and Calls			Telegraph Offices and Calls			Daily	
YX	CF21	18	L	7.05 AM	0.0	BI....	BLACK RIVER .. PDN	24.5	A	9.59 PM
X	BA22	13		7.38	2.7	RT....	RENTON D	21.8		9.52
	BA19	33		7.47	6.7		QUENDALL	17.8		9.42
	BA12	22		7.59	12.4		WILBURTON	12.1		9.30
	BA11	57		8.01	13.2		BELLEVUE	11.3		9.28
	BA 7	54		8.11	17.7	KR....	KIRKLAND DN	6.8		9.20
YX	CF55	Yard	A	8.26 AM	24.5	CJ....	WOODINVILLE .. PD	0.0	L	9.06 PM
				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.

THIRTEENTH SUB-DIVISION
WESTWARD (HARTFORD LINE) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	SECOND CLASS		Distance from Bromart.	Time Table No. 78A		Distance from Edgcomb.	SECOND CLASS	
			675			March 1, 1961			676	
			Freight	Daily		STATIONS			Freight	Daily
			Telegraph Offices and Calls			Telegraph Offices and Calls			Daily	
X	CF68	86	L	9.00 AM	0.0		BROMART	19.9	A	8.35 PM
WYX	CF69	Yard		9.05	1.1	OM....	SNOHOMISH ... PD	18.8		8.30
	CF74	43		9.14	6.3		MACHIAS	13.6		8.22
	CF77	Yard		9.20	9.4		HARTFORD P	10.5		8.16
	CF82	55		9.30	13.9		GETCHELL P	6.0		8.07
X	CF88	52	A	9.42 AM	19.9		EDGEComb P	0.0	L	7.53 PM
				.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.

TWENTY-THIRD SUB-DIVISION
WESTWARD (MOXEE BRANCH) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 78A		Distance from Moxee City.	EASTWARD—Moxee City to Yakima.
				March 1, 1961			
				STATIONS			
				Telegraph Offices and Calls			
WZTX	1811	Yard	0.0	YA-KM....	YAKIMA.....DN	8.5	
	KM3	7	3.1	.....	TERRAC HEIGHTS.....	5.4	
	KM5	9	5.5	.....	BIRCHFIELD.....	3.0	
	KM9	33	8.5	.....	MOXEE CITY.....	0.0	

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

SIXTH SUB-DIVISION
WESTWARD (ROSLYN BRANCH) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Cle Elum.	Time Table No. 78A		Distance from Ronald.
				March 1, 1961		
				STATIONS		
				Telegraph Offices and Calls		
WYXZ	1873	Yard	0.0	CL.....	CLE ELUM.....DN	5.4
	Z	CA4	3.5	.....	ROSLYN.....P	1.9
		CA6	5.4	.....	RONALD.....	0.0

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

TWENTY-FOURTH SUB-DIVISION 11
WESTWARD (NACHES AND TIETON BRANCHES) EASTWARD

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Yakima.	Time Table No. 78A		Distance from Naches.	EASTWARD—Naches to Yakima, and Tieton to Brace.
				March 1, 1961			
				STATIONS			
				Telegraph Offices and Calls			
WZTX	1811	Yard	0.0	YA-KM....	YAKIMA.....DN	13.5	
	KX3	9	2.7	.....	FRUITVALE.....	10.8	
X	KX4	18	4.2	.....	BRACE.....	9.3	
				To Weikel 4.9 To Glead 2.6			
	KL5	13	9.1	.....	WEIKEL.....	14.2	
	KL9	25	12.7	.....	COWICHE.....	17.8	
	KL10	84	13.3	.....	HOLTZINGER.....	18.4	
YX	KL12	50	15.8	.....	TIETON.....P	20.9	
	KX6	53	6.8	.....	GLEED.....P	6.7	
	KX8	10	8.0	.....	ESCHBACH.....	5.5	
	KX14	102	13.5	.....	NACHES.....P	0.0	

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

THROUGH FREIGHT SERVICE.

WESTWARD

FOR INFORMATION ONLY.

EASTWARD

THIRD	SECOND		SECOND	FIRST	FIRST			FIRST	FIRST		SECOND	SECOND	THIRD	
671	679	691	671	679	671	681		692	672	680	690	672	680	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 3.30 PM	..... VANCOUVER.....	A 11.00 AM	A 8.00 AM		A 2.30 AM	A 6.00 PM		A 5.00 AM
		A 1.00 AM				A 7.30 PM	..... U. P. JCT.....	L 4.30 AM			L 10.30 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	10.00 PM
	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

CROSSOVERS

First Subdivision

Easton, Kennedy, Lester.

Second Subdivision

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

Third Subdivision

Tacoma, McCarver St., Titlow, Pioneer Pit, Cascade Paper Co., Steilacoom, Ketron, 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

15th St. Tower, Tacoma

South Tacoma

**FIRST SUBDIVISION
(MAIN LINE)**

	Miles from Yakima	Car Capacity
Holmes.....	34.1	41
Cascade Lumber.....	76.6	Conn.
Cabin Creek.....	77.1	Conn.
Lemolo.....	113.2	17
Henry's.....	124.8	Conn.

**SECOND SUBDIVISION
(MAIN LINE)**

	Miles from Seattle	Car Capacity
Rhodes.....	6.8	40
Weisner.....	13.0	40
Lynch Mfg.....	16.8	16
Valley Metals.....	16.9	5

**THIRD SUBDIVISION
(MAIN LINE)**

	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

**FOURTH SUBDIVISION
(PRAIRIE LINE)**

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

**FIFTH SUBDIVISION
(SUMAS BRANCH)**

	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
Hospital (at Norlum).....	90.4	12
Coyne.....	109.2	9
Lawrence.....	116.4	6

**SEVENTH SUBDIVISION
(BUCKLEY LINE)**

	Miles from Kanaskat Jct.	Car Capacity
Occidental.....	3.0	18
Gladding-McBean.....	4.8	10
Brew Mill.....	33.7	Conn.

**EIGHTH SUBDIVISION
(GREEN RIVER BRANCH)**

	Miles from Kanaskat	Car Capacity
Big 4 Coal.....	1.3	40
Kangley.....	2.4	23

**ELEVENTH SUBDIVISION
(BELT LINE)**

	Miles from Black River	Car Capacity
Scopa.....	4.7	104
Baxter.....	6.7	Conn.
Factoria.....	10.8	5
Galbraith and Co.....	12.5	7
Kardong.....	13.2	12
Safeway.....	13.7	50
Ferriton.....	17.2	20

**TWELFTH SUBDIVISION
(SNOQUALMIE BRANCH)**

	Miles from Woodinville	Car Capacity
Earlmont.....	4.5	8
Tanner.....	37.9	9

**FOURTEENTH SUBDIVISION
(DARRINGTON BRANCH)**

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

**SIXTEENTH SUBDIVISION
(GRAYS HARBOR LINE)**

	Miles from St. Clair	Car Capacity
Liquefied Gas.....	5.3	2
Hygrade Hardwood Veneer.....	5.7	4
Continental Can.....	6.0	26
Georgia Pacific.....	6.1	12
Ohm.....	13.9	20
Schafer.....	54.0	10
C W V Lumber.....	66.4	7
Bishop Lumber.....	66.7	14
Wager Lumber.....	66.7	8

**SEVENTEENTH SUBDIVISION
(AMERICAN LAKE LINE)**

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

**NINETEENTH SUBDIVISION
(ELMA BRANCH)
(U. S. Government Railway)**

	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-FIRST SUBDIVISION
(WILLAPA HARBOR LINE)**

	Miles from Chehalis Jct.	Car Capacity
Lewco.....	40.2	24
Rayonier Log Reload.....	55.1	60

**TWENTY-SECOND SUBDIVISION
(YACOLT BRANCH)**

	Miles from Vancouver Jct.	Car Capacity
Ampere.....	2.5	20

**TWENTY-THIRD SUBDIVISION
(MOXEE BRANCH)**

	Miles from Yakima	Car Capacity
National Can.....	2.6	9

**TWENTY-FOURTH SUBDIVISION
(TIETON AND NACHES BRANCHES)**

	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

Second Subdivision.**SEATTLE.**

South Portal of King St. Tunnel, interlocked.

On Colorado Ave. Line:

Atlantic St., UP-PC-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 15th St. Tower, Drawbridge Line:

UP Crossing—Interlocked.

Drawbridge 39—Interlocked.

15th St. Tower, Junction—Interlocked.

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

Third Subdivision.

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.

15th St. Tower, Junction, 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.

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.

R. C. JUDSON,
Trainmaster.

L. F. WIECKING,
Trainmaster.

W. E. THOMPSON,
Trainmaster.

G. W. THOMPSON,
Trainmaster.

C. G. STILLMAN,
Chief Dispatcher.

RAILROAD CROSSING INTERLOCKING AND DEVICES

Interlocking is a system of devices which is used to prevent collisions between trains at a crossing. It is a mechanical or electrical system which is used to control the movement of trains through a crossing. The system is designed to ensure that only one train can occupy the crossing at any one time. This is done by using a series of levers and switches which are connected to the train's wheels. When a train enters the crossing, the levers and switches are set in a position which prevents any other train from entering. This system is used in many different types of crossings, including single-track and double-track crossings. It is a very important safety device which has saved many lives over the years.

The interlocking system is a complex one, and it is not possible to describe it in detail here. However, it is important to understand that it is a system which is designed to prevent collisions. It is a system which is used to control the movement of trains through a crossing. The system is designed to ensure that only one train can occupy the crossing at any one time. This is done by using a series of levers and switches which are connected to the train's wheels. When a train enters the crossing, the levers and switches are set in a position which prevents any other train from entering. This system is used in many different types of crossings, including single-track and double-track crossings. It is a very important safety device which has saved many lives over the years.

E. FENNER
-Assistant Superintendent-

R. C. JUDSON
-Assistant Superintendent-

A. M. KIRKMAN
-Assistant Superintendent-

O. H. THOMPSON
-Assistant Superintendent-

D. E. CARLSON
-Assistant Superintendent-

A. M. SCHMIDT
-Assistant Superintendent-

H. E. THOMPSON
-Assistant Superintendent-



