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**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

## IDAHO DIVISION

# TIME TABLE 81A

To be used in conjunction with Special  
Instructions currently in effect.  
In Effect at 12:01 A. M. Pacific  
Standard Time.

## Sunday, October 27, 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.

**N. M. LORENTZEN,**  
Superintendent.

**F. L. STEINBRIGHT,**  
General Manager.

**E. S. ULYATT,**  
General Superintendent of  
Transportation.

## COMMERCIAL TRACKS

## FIRST SUBDIVISION

	Miles from Paradise	Car Capacity
Thompson River.....	26.3	18
Woodlin Pit.....	27.7	58
Hartman.....	30.0	34
Brownman.....	30.3	30
Velox (Spokane Industrial Park).....	175.6	20

## SECOND SUBDIVISION

	Yardley	
Pifer.....	50.9	19
Mesa Pit.....	120.7	40
Edwards.....	121.8	58

## FOURTH SUBDIVISION

	Pasco	
Apricot.....	43.4	25
Sunny Roza.....	51.9	4
Sugar Plant No. 2.....	52.4	31
East Way Spur No. 1.....	52.8	10
East Way Spur No. 2.....	52.9	10
Servu.....	56.4	12
Nass.....	60.4	28
Chenauer.....	67.2	5
Keck.....	69.4	5
Flint.....	72.8	6

## FIFTH SUBDIVISION

	Hauser	
Huetter (Connection to Diamond National Co.).....	9.6	
Atlas.....	9.7	26
Gibbs and Blackwell.....	10.5	15

## SIXTH SUBDIVISION

	Marshall	
Academy.....	12.8	7
Flaig.....	34.9	7
Madson.....	67.1	5
Rock.....	105.9	6

## SEVENTH SUBDIVISION

	Pullman Jct.	
Busby.....	1.8	13

## EIGHTH SUBDIVISION

	Miles from Cheney	Car Capacity
Fry.....	50.7	4
Gravelles.....	53.1	5
Chick.....	58.0	4
Gloyd.....	136.6	3
Banks.....	141.2	20
Mitchell.....	143.6	11
Atwood.....	150.5	8
Raugust.....	151.6	28
Barham.....	159.7	23
Schaefer.....	162.1	6
Simensen.....	166.6	12
Koren.....	173.0	8
Frischknecht.....	180.1	37
Schlomer.....	181.3	13

## NINTH SUBDIVISION

	Pasco	
Legrow.....	19.1	6
Welland.....	24.9	8
Hatch.....	29.9	16
Harsha.....	40.3	9
Sudbury.....	56.5	10
Penitentiary.....	62.5	
Walair.....	67.4	70
Craik.....	67.5	2
Varna.....	92.4	2
Dumas.....	93.5	5

## TENTH SUBDIVISION

	Eureka	
Harvey.....	10.1	7
Tomkins.....	16.8	9

## TWELFTH SUBDIVISION

	Riparia	
Davin.....	13.1	7
Monumental.....	28.5	33

## THIRTEENTH SUBDIVISION

	Toppenish	
Venner.....	10.1	10

## RAILROAD CROSSINGS AND INTERLOCKINGS

## FIRST SUBDIVISION:

Sandpoint—Bridge 3.2:  
(Lake Pend d'Oreille Drawbridge) 1.6 miles west—interlocked.

## SECOND SUBDIVISION:

Spokane:  
Havana St., 3.26 miles east, east end double track—interlocked.  
U. P. Crossing 2.0 miles east—interlocked.  
Marshall, end of double track:  
S. P. & S. & Sixth Subdivn. connections—interlocked.  
Pasco—Dual control switches east end of Running track and east end of Eastbound Departure track—interlocked.

## THIRD SUBDIVISION:

Pasco—NX Interlocking governing entrance to and exit from west end of yard. End of double track—Dual control switch interlocked.  
Between Pasco and S. P. & S. Jct.—Bridge 1.0 lift span—interlocked.  
S. P. & S. Jct.—Dual control switch interlocked.  
Parker—U. P. Crossing 0.5 mile west—automatic interlocking.

## FOURTH SUBDIVISION:

Parker 1.7 miles east:  
U. P. Gantlet Crossing, Yakima River Bridge—Automatic Interlocking.

## FIFTH SUBDIVISION:

Hauser:  
C. M. St. P. & P. and S. I. Crossings—2.0 miles east.

## SIXTH SUBDIVISION:

Marshall:  
2nd Subdivision Crossing—interlocked.  
Oakesdale:  
U. P. and G. N. Crossings—0.6 mile west.  
Garfield:  
U. P. and G. N. Crossings—0.2 mile west.  
Pullman:  
U. P. Crossing—0.6 mile west.

## NINTH SUBDIVISION:

Walla Walla:  
U. P. Crossing.  
Between Ainsworth Jct. and Burbank:  
Snake River Bridge 3, draw span interlocked.

## TWELFTH SUBDIVISION:

Riparia:  
U. P. Crossing—Gates

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS		Distance from Paradise.	Time Table No. 81A			FIRST CLASS			
						October 27, 1963						
			25	1		STATIONS			2	26		
			Passenger	Passenger		Telegraph Offices and Calls			Passenger	Passenger		
						Distance from Yardley.						
						Daily			Daily			
BKR WYX	1390	Yard	L 7.28 PM	L 4.38 PM	0.0	PD..... PARADISE..... PDN	183.3	As 12.01 PM	As 2.17 AM			
	1396	116	7.36	4.46	6.0	HO..... PLAINS..... PD	177.3	11.46 AM	2.02			
	1404	118	7.43	4.53	13.2	..... WEEKSVILLE..... P	170.1	11.38	1.54			
	1411	117	7.52	5.02	20.5	..... EDDY..... P	162.8	11.29	1.45			
	1417	66	8.01	5.11	28.0	..... WOODLIN..... P	155.3	11.19	1.35			
RW	1420	132	8.05	s 5.17	31.5	FN. THOMPSON FALLS. PDN	151.8	s 11.13	1.31			
	1428	119	8.12	5.24	37.6	..... BELKNAP..... P	145.7	11.03	1.24			
	1436	117	8.20	5.32	46.4	..... CHILDS..... P	136.9	10.55	1.16			
WY	1444	119	8.27	5.38	53.9	..... TROUT CREEK..... P	129.4	10.48	1.09			
	1449	114	8.34	5.46	61.5	..... TUSCOR..... P	121.8	10.40	1.01			
R	1458	122	8.43	s 5.56	72.4	NX..... NOXON..... PDN	110.9	s 10.27	12.49			
	1468	114	8.53	6.07	80.0	..... HERON..... P	103.3	10.16	12.40			
	1479	118	9.04	6.19	90.9	..... COLBY..... P	92.4	10.05	12.29			
W	1482	47	9.07	6.22	93.5	..... CLARK FORK..... P	89.8	10.02	12.26			
	1492	122	9.17	6.32	103.1	..... HOPE..... P	80.2	9.52	12.16			
	1499	64	9.23	6.38	110.3	..... ODEN..... P	73.0	9.45	12.09			
Z	1504	170	9.29	6.44	116.8	..... KOOTENAI..... P	66.5	9.39	12.03			
WY	1507	135	9.32	s 6.50	118.4	SA..... SANDPOINT... PDN	64.9	s 9.36	12.01 AM			
	1513	209	9.43	7.01	125.6	..... ALGOMA..... P	57.7	9.21	11.51 PM			
	1520	206	9.50	7.09	132.3	..... COCOLALLA..... P	51.0	9.13	11.43			
	1530		9.58	7.17	140.0	..... GRANITE..... P	43.3	9.05	11.35			
	1535	210	10.07	7.26	146.8	AX..... ATHOL..... PD	36.5	8.57	11.27			
	1543	8115	10.13	7.32	154.1	..... RAMSEY..... P	29.2	8.50	11.20			
	1549	173	10.19	7.38	159.8	..... RATHDRUM..... P	23.5	8.44	11.14			
Y	1557	8109	10.25	7.44	166.7	AU..... HAUSER..... PD	16.6	8.38	11.08			
	1561	190	10.31	7.50	172.6	..... OTIS ORCHARDS..... P	10.7	8.32	11.02			
	1565	30	10.35	7.54	177.2	WD..... TRENTWOOD..... PD	6.1	8.27	10.57			
	1567		10.37	7.56	178.5	..... IRVIN..... P	4.8	8.26	10.56			
BKR WZ OTYX	1572	Yard	A 10.43 PM	A 8.02 PM	183.3	YD..... YARDLEY..... PDN	0.0	L 8.21 AM	L 10.51 PM			
			3.15	3.24		Time Over Subdivision			3.40	3.26		
			56.4	53.9		Average Speed Per Hour			50.0	53.4		

**EXCEPT IN CENTRALIZED TRAFFIC CONTROL LIMITS WHEN IN SERVICE, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

Nos. 1 and 2 stop at Athol to pick up or leave revenue passengers to and from Missoula and East or Pasco and West where scheduled to stop.

**4 WESTWARD**

**SECOND SUB-DIVISION**

**EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS			Distance from Yardley.	Time Table No. 81A October 27, 1963			Distance from Pasco.	FIRST CLASS		
			25	1	311		2	314	26				
			Passenger	Passenger	Passenger		Passenger	Passenger	Passenger				
			Daily	Daily	Daily		STATIONS		Daily	Daily	Daily		
							Telegraph Offices and Calls						
BKROW ZTYX	1572	Yard	L 10.43 PM	L 8.02 PM		0.0	YD.....YARDLEY.....PDN 3.5	148.8	A 8.21 AM		A 10.51 PM		
BKR ZXW	1576	Yard	s 10.51 11.04	s 8.19 8.48	L 8.45 AM	3.5	SF.....SPOKANE.....PDN 9.0	145.3	s 8.15 7.46	A 8.05 PM	10.45 10.30		
RYX	1585	105	11.15	9.00	A f 8.57 AM	12.5	MR.....MARSHALL.....PDN 7.3	136.3	7.25	L 7.52 PM	10.18		
YX	1592	108	11.25	9.10	See page 6	19.8	CY.....CHENEY.....DN 4.9	129.0	s 7.15	See page 6	10.08		
	1597	84	11.30	9.15		24.7	.....BABB.....P 9.5	124.1	7.08		10.02		
	1607	119	11.39	9.24		34.2	.....FISHTRAP.....P 10.3	114.6	7.00		9.54		
	1617	W 121 E 39	11.49 PM	9.43 <sup>26</sup>		44.5	SX.....SPRAGUE.....PD 9.8	104.3	6.48		9.43 <sup>1</sup>		
	1627	119	12.01 AM	9.55		54.3	.....KEYSTONE.....P 5.6	94.5	6.37		9.32		
	1633	44	12.06	10.00		59.9	.....TOKIO.....P 8.2	88.9	6.32		9.28		
X	1641	106	12.14	f 10.09		68.1	RV.....RITZVILLE.....PDN 9.4	80.7	s 6.24		9.21		
	1649	120	12.23	10.18		77.5	.....PAHA.....P 7.7	71.3	6.12		9.12		
W	1658	E 51 W 122	12.30	10.27		85.2	LD.....LIND.....PD 7.9	63.6	6.04		9.05		
	1667	108	12.41	10.38		93.1	.....PROVIDENCE.....P 3.1	55.7	5.54		8.55		
	1670	46	12.45	10.42		96.2	.....BEATRICE.....P 4.9	52.6	5.48		8.49		
	1674	108	12.51	10.48		101.1	.....CUNNINGHAM.....P 3.2	47.7	5.41		8.43		
	1677	48	12.54	10.51		104.3	.....HATTON.....P 9.1	44.5	5.37		8.39		
WYX	1686	W 90 E 95	1.09	11.05		113.4	CN.....CONNELL.....PDN 5.3	35.4	5.23		8.26		
	1690	45	1.15	11.11		118.7	.....CACTUS.....P 4.2	30.1	5.16		8.20		
	1695	129	1.20	11.16		122.9	.....MESA.....P 8.7	25.9	5.11		8.16		
	1704	39	1.29	11.24		131.6	.....ELTOPIA.....P 5.0	17.2	5.03		8.08		
	1709	90	1.34	11.29		136.6	.....SAGMOOR.....P 4.6	12.2	4.59		8.04		
	1714	118	1.40	11.33		141.2	.....GLADE.....P 7.6	7.6	4.55		8.00		
BKROW ZTYX	1721	Yard	As 1.55 AM	As 1.51 PM		148.8	(PA-RN.....PASCO.....PDN	0.0	L 4.45 AM		L 7.50 PM		
			2.59	3.20	.12				3.07	.13	2.46		
			49.9	44.6	45.0				47.8	41.5	53.7		

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

Nos. 1 and 2 stop at Connell to pick up or leave revenue passengers only to and from stations Spokane and East, and West of Pasco where scheduled to stop.

No. 1 stop at Cheney to pick up revenue passengers only destined Pacific Coast points or to leave revenue passengers only from stations east of Spokane.

Water, Fuel, Seales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS				Distance from Pasco.	Time Table No. 81A October 27, 1963	Distance from Yakima.	FIRST CLASS			
			341	25	343	1				344	2	342	26
			S. P. & S. 1 Passenger	Passenger	S. P. & S. 3 Passenger	Passenger				S. P. & S. 4 Passenger	Passenger	S. P. & S. 2 Passenger	Passenger
			Daily	Daily	Daily	Daily			Daily	Daily	Daily	Daily	
BKROW ZTYX	1721	Yard	L 2.40 AM	L 2.20 AM	L 12.55 AM	L 12.20 AM	0.0	PA-RN.. PASCO....PDN	89.5	As 2.00 AM	As 4.16 AM	As 7.05 PM	As 7.25 PM
	1723		A 2.45 AM	2.23	A 1.00 AM	12.23	1.7	.... S. P. & S. JCT.....	87.8	L 1.55 AM	4.06	L 7.00 PM	7.22
X	1724	80		2.25		s 12.30	2.8	R.... KENNEWICK...PDN	86.7		s 4.04		7.20
	1729	117		2.31		12.38	7.3	..... VISTA.....P	82.2		3.56		7.12
	1739	E 118 W 118		2.41		12.48	16.8	..... BADGER.....P	72.7		3.45		7.04
	1745	129		2.48		12.55	23.6	..... KIONA.....P	65.9		3.35		6.56
RYX	1756	185		3.01		1.09	33.8	..... GIBBON.....P	55.7		3.24		6.45
X	1762	E 97 W 64		3.12 <sup>2</sup>		s 1.17	40.0	RS.... PROSSER...PDN	49.5		s 3.12 <sup>25</sup>		6.37
	1767	117		3.17		1.23	45.5	..... BYRON.....P	44.0		3.02		6.32
	1774	E 64 W 44		3.23		1.28	51.5	MB.... MABTON....PD	38.0		2.56		6.26
	1782	116		3.31		1.37	59.9	..... SATUS.....P	29.6		2.49		6.19
	1787	91		3.37		1.43	65.5	..... ALFALFA.....P	24.0		2.44		6.14
BK WX	1792	E 137 W 120		3.43		1.51	70.4	TN.... TOPPENISH...PDN	19.1		2.39		6.09
X	1800	E 96 W 88		3.50		2.00	77.8	WA.... WAPATO....PDN	11.7		2.32		6.02
R	1804	68		3.55		2.05	82.2	..... PARKER.....P	7.3		2.28		5.58
	1807	173		4.00		2.10	85.8	..... UNION GAP.....P	3.7		2.24		5.54
BKR OZWTX	1811	Yard		As 4.10 AM		As 2.20 <sup>2</sup> AM	89.5	YA-KM-YAKIMA....PDN	0.0		L 2.20 <sup>1</sup> AM		L 5.50 PM
				.05		1.50		Time Over Subdivision		.05	1.56	.05	1.35
				20.2		48.3		Average Speed Per Hour		20.2	46.3	20.2	56.5

EXCEPT ON DOUBLE TRACK, EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.  
DOUBLE TRACK BETWEEN PASCO AND COLUMBIA RIVER BRIDGE.

Nos. 1 and 2 stop at Toppenish to pick up or leave revenue passengers only, to and from Ellensburg and west or Pasco and east where scheduled to stop.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	FIRST CLASS		Distance from Marshall.	Time Table No. 81A October 27, 1963		Distance from Lewiston.	FIRST CLASS	
				311		STATIONS	314			
				Passenger		STATIONS			Passenger	
				Daily See page 4		Telegraph Offices and Calls			Daily See page 4	
	RYX 1585	Yard	L	8.57 AM	0.0	MR..... MARSHALL..... PDN	136.8	A f	7.52 PM	
	ID11 48		f	9.14	11.3	..... SPANGLE..... P	125.5	f	7.35	
	ID20 9			9.25	19.7	..... PLAZA..... P	117.1		7.24	
	ID27 40		f	9.35	26.7	RO..... ROSALIA..... PD	110.1	f	7.14	
	ID32 10			9.43	31.9	..... McCOY.....	104.9		7.05	
	ID38 23		f	9.51	37.6	OD..... OAKSDALE..... PD	99.2	f	6.57	
	ID43 47		f	9.59	42.9	..... BELMONT..... P	93.9	f	6.49	
	ID47 16			10.05	47.2	..... EDEN..... P	89.6		6.43	
	ID50 43		f	10.09	49.4	GF..... GARFIELD..... PD	87.4	f	6.39	
	ID59 16		s	10.28	59.0	PC..... PALOUSE..... PD	77.8	s	6.21	
	ID66 32			10.39	65.8	..... FALLON..... P	71.0		6.10	
	ID71 11			10.46	70.4	..... WHELAN..... P	66.4		6.03	
BKRX	ID76 75		s	10.59	75.6	PN..... PULLMAN..... PD	61.2	s	5.56	
YX	ID77 Yard			11.04	77.1	..... PULLMAN JCT..... P	59.7		5.46	
	ii 4 12			11.09	80.7	..... SUNSHINE..... P	56.1		5.41	
X	ii 9 9		s	11.20	85.7	MO..... MOSCOW..... PD	51.1	s	5.33	
	ii 15 14		f	11.32	92.3	..... JOEL..... P	44.5		5.19	
X	ii 20 16		f	11.38	96.5	..... HOWELL..... P	40.3		5.13	
RX	ii 22 32		s	11.45	99.4	VM..... TROY..... PD	37.4	f	5.07	
	ii 28 6			11.57 AM	105.5	..... BOVARD..... P	31.3		4.55	
X	ii 34 27		s	12.08 PM	110.9	KC..... KENDRICK..... PD	25.9	s	4.44	
	ii 38 14		f	12.16	114.9	..... JULIETTA..... P	21.9	f	4.37	
RX	ii 47 26		As	12.29 PM	123.4	..... ARROW..... P	13.4	Ls	4.24 PM	
				3.32		Time Over Subdivision			3.28	
				34.9		Average Speed Per Hour			35.6	
<b>BETWEEN LEWISTON AND ARROW, TRAINS WILL BE GOVERNED BY CAMAS PRAIRIE RAILROAD TIME TABLE AND SPECIAL INSTRUCTIONS</b>										
RBKW ZOTX	CP72	Yard		A 12.55 PM	136.8	WN DE..... LEWISTON..... PDN	0.0	L	4.00 PM	

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

Nos. 311 and 314 stop on flag at Academy.

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	THIRD CLASS		Distance from Cheney.	Time Table No. 81A October 27, 1963		Distance from Connell.	THIRD CLASS	
			877			STATIONS			878	
			Way Freight	Mon., Wed., Fri.		Telegraph Offices and Calls	Way Freight		Tue., Thu., Sat.	
	RYX	1592	Yard	L 9.40 AM	0.0	CY.....	CHENEY.....	PDN	186.2	A 10.45 AM
		IF10	25	f 10.05	10.4	.....	MEDICAL LAKE.....		175.8	f 10.20
			S 16	f 10.17	15.0	.....	DEEP CREEK.....		171.2	10.05
		IF21	26	f 10.30	20.9	.....	HITE.....		165.3	f 9.55
		IF26	29	s 10.45	26.5	RE.....	REARDAN.....	D	159.8	f 9.45
		IF34	26	f 11.00	33.9	.....	MONDOVI.....		152.3	f 9.32
	YX	IF41	23	s 11.30	41.4	DA.....	DAVENPORT.....	D	144.8	s 9.20
						To Rocklyn 6.4	To Omans 7.4			
		IE7	19		48.8	.....	OMANS.....		152.2	
		IE18	12		59.7	.....	ELEANOR.....		163.1	
		IF47	25	f 11.45 AM	47.8	.....	ROCKLYN.....		138.4	f 8.55
		IF64	39	f 12.20 PM	64.2	.....	CRESTON.....		122.0	f 8.20
		IF74	27	s 12.55	74.2	WR.....	WILBUR.....	D	112.0	s 7.55
		IF81	29	f 1.15	80.8	.....	GOVAN.....		105.4	f 7.25
		IF87	31	f 1.40	87.5	A.....	ALMIRA.....	D	98.7	f 7.10
		IF90	19	f 2.01	91.1	.....	HANSON.....		95.1	f 7.00
		IF97	20	f 2.15	96.6	.....	HARTLINE.....		89.6	f 6.50
	YX	IF106		f 2.35	105.7	.....	ODAIR.....		80.5	f 6.30
						To ADCO 19.7	To Coulee City 2.6			
	KRX	IF108	27	A 2.45 PM	108.3	C.....	COULEE CITY.....	D	83.1	L 6.20 AM
			Ki60		125.4	.....	ADCO.....		60.8	
						To Adrian 0.6	To Wheeler 21.6			
			KO3	Yard	126.0	.....	ADRIAN.....		61.4	
	X		Ki39	64	147.0	WH.....	WHEELER.....	PD	39.2	
	Y		Ki32		154.8	.....	BASSETT JCT.....	P	31.4	
						To Ritell 0.4	To Schrag 12.3			
			KJ12	25	167.1	.....	SCHRAG.....		43.7	
			Ki31	30	155.2	.....	RITELL.....		31.0	
	B		Ki25	50	160.2	XO.....	WARDEN.....	PD	26.0	
			Ki17	50	169.5	BR.....	BRUCE.....	PD	16.7	
			Ki10	S 17	175.7	.....	SHANO.....		10.5	
	RWYX		1686	Yard	186.2	CN.....	CONNELL.....	PDN	0.0	
					5.05		Time Over Subdivision		4.25	
					21.3		Average Speed Per Hour		24.5	

WESTWARD—  
Davenport to EleanorWESTWARD—  
Odair to Coulee CityEASTWARD—  
Bassett Jct. to Schrag

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

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	THIRD CLASS			Distance from Pasco.	Time Table No. 81A		Distance from Dayton.	THIRD CLASS	
			909				October 27, 1963			910	
			Way Freight				STATIONS			Way Freight	
			Ex. Sun.				Telegraph Offices and Calls			Ex. Sun.	
BKROW ZTYX	1721	Yard	L	6.15 AM	0.0	PA-RN....PASCO.....PDN 2.8	98.2	A 2.25 PM			

**BETWEEN PASCO AND VILLARD JCT. TRAINS WILL BE GOVERNED BY  
RULES 261 TO 264 INCLUSIVE. S. P. & S. TIME TABLE AND SPECIAL  
INSTRUCTIONS APPLY BETWEEN PASCO AND AINSWORTH JCT.**

	IG3			2.8	.....AINSWORTH JCT.....P	95.4		
	IG4	21		4.1	.....BURBANK.....P	94.1		
	IG6	65		5.8	.....VILLARD JCT.....P 6.4	92.4		

**Between Villard Jct., Attalia and/or Wallula, Trains Will Be Governed By C. T. C. Operating Rules and Union  
Pacific Railroad, Oregon Division, Block and Interlocking Signal Indications.**

	RXX	IG9	65	See Page 9	12.2	A.....ATTALIA.....PD	86.0	See Page 9	
		KA10	27		20.7	.....SLATER.....	77.5		
		KA17	28		27.5	.....ADKINS.....P	70.7		
	RXX	KA22	43		32.9	JC.....EUREKA.....PD	65.3		
		KA29	28		39.3	.....LAMAR.....P	58.9		
		KA32	11		42.9	.....PADDOCK.....	55.3		
		KA33	16		43.8	.....CLIMAX.....	54.4		
		KA38	27		49.1	.....RULO.....	49.1		
		KA41	19		51.8	.....THIEL.....	46.4		
		KA44	39		55.1	.....DRY CREEK.....	43.1		
		KA48	13		58.6	.....PEDIGO.....	39.6		
	BKR WZX	KA53	Yard		63.5	F.....WALLA WALLA..PDN	34.7		
		KB4	20		67.5	.....TRACY JCT..... To Sapoli 3.1 To Harbert 1.1	30.7		
		KB5	17		68.6	.....HARBERT.....	31.8		
		KB7	25		71.2	.....TRACY.....	34.4		
		KA59	10		70.6	.....SAPOLIL.....	27.6		
		KA60	18		71.6	.....BUROKER.....	26.6		
		KA63	8		74.1	.....GILLIAM.....	24.1		
		KA64	25		75.3	.....DIXIE.....	22.9		
		KA65	10		76.6	.....EASTMAN.....	21.6		
		KA69	19		80.0	.....MINNICK.....	18.2		
		KA74	34		85.2	.....COPPEL.....	13.0		
		KA77	20		88.5	W.....WAITSBURG.....D	9.7		
	RX	KA78			90.3	.....WAITSBURG JCT.....	7.9		
	X	KA79	21		91.2	.....HUNTSVILLE.....	7.0		
		KA83	14		94.6	.....LONG.....	3.6		
	RX	KA87	Yard		98.2	DF.....DAYTON.....D	0.0		

**EXCEPT IN CENTRALIZED TRAFFIC CONTROLLED LIMITS WHEN IN SERVICE,  
EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.**

WESTWARD—  
Tracy Jct. to Tracy



**ELEVENTH SUB-DIVISION**  
**WESTWARD (PENDLETON BRANCH) EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	THIRD CLASS		Distance from Attalia.	Time Table No. 81A October 27, 1963	Distance from Pendleton.	THIRD CLASS	
			909					910	
			Way Freight	Daily Ex. Sun.				Way Freight	Daily Ex. Sun.
	YX IG9	65			0.0				
	RX KC1	32			0.8				
	X KC3				2.7				
	KC6		L 7.10 AM		6.3				

**Time Table  
No. 81A  
October 27, 1963**

**STATIONS**

**Telegraph Offices and Calls**

Centralized  
Traffic Control

A... ATTALIA... PD 43.4  
 0.8  
 JN.. WALLULA.. PDN 42.6  
 1.9  
 ... WALLULA JCT.. P 40.7  
 3.6  
 ... ZANGAR JCT... 37.1  
 6.8

**ALL TRAIN MOVEMENTS BETWEEN ATTALIA AND ZANGAR JCT.  
 WILL BE GOVERNED BY C. T. C. OPERATING RULES and UNION  
 PACIFIC RAILROAD, OREGON DIVISION, BLOCK AND  
 INTERLOCKING SIGNAL INDICATIONS**

	KC11	26	f 7.23	18.1	..... RING .....	30.3	f 12.32
	KC16	28	f 7.45	17.7	..... VAN CYCLE .....	25.7	f 12.14
	KC18	34	f 7.55	20.8	..... STANTON .....	23.1	f 12.04 PM
RY	KC19	28	f 8.00	21.6	..... SMELTZ..... P To Apex 1.0 To Duroc 3.5	21.8	f 11.57 AM
	KD 4	19		25.1	..... DUROC .....	25.3	
	KD 6	19		27.6	..... WAYLAND .....	27.8	
	KD 9	27		30.3	..... WATERMAN .....	30.5	
RYX	KD14	26		36.0	CV..... ATHENA..... D	36.2	
	KC20	11	f 8.05	22.6	..... APEX .....	20.8	f 11.52
	KC23	W27 E23	s 8.20	25.5	HX..... HELIX..... D	17.9	s 11.42
	KC28	38	f 8.35	30.0	..... MYRICK .....	13.4	f 11.22
	KC32	12	f 8.50	34.4	..... McCORMMACH.....	9.0	f 11.07
	KC33	28	f 8.55	35.6	..... FULTON .....	7.8	f 11.02
			As 9.05 AM	41.5	... U. P. CONNECTION.. P 1.9	1.9	L 10.40 AM

**Between Connection with U. P. Oregon Division and 1500 feet west of N. P. Yard  
 Connection on U. P. Oregon Division. Trains will use Main Track of U. P. Governed  
 by U. P. Special Instructions, and Rules and Instructions Governing the Operation  
 of Trains by Centralized Traffic Control System.**

RYX	KC40	Yard	As 9.15 AM	43.4	ND... PENDLETON.... D	0.0	L 10.35 AM
			2.05		Time Over Subdivision		2.15
			17.8		Average Speed Per Hour		16.5

**EXCEPT IN CENTRALIZED TRAFFIC CONTROLLED LIMITS  
 WHEN IN SERVICE, EASTWARD TRAINS ARE SUPERIOR TO  
 WESTWARD TRAINS OF THE SAME CLASS, EXCEPT No. 909  
 IS SUPERIOR TO No. 910.**

**TENTH SUB-DIVISION**  
**WESTWARD (EUREKA BRANCH) EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Eureka.	Time Table No. 81A October 27, 1963		Distance from Pleasant View.
				STATIONS		
				Telegraph Offices and Calls		
RYX	KA22	43	0.0	JC..... EUREKA..... PD	19.5	
	KE2	15	2.3	..... BABCOCK .....	17.2	
	KE4	49	4.8	..... LEE .....	14.7	
	KE7	28	7.8	..... ELWOOD .....	11.7	
	KE12	32	11.6	..... CLYDE .....	7.9	
	KE13	14	13.2	..... PICKARD .....	6.3	
	KE15	16	14.9	..... RESER .....	4.6	
	KE19	39	19.5	.... PLEASANT VIEW....	0.0	

EASTWARD—  
Pleasant View to Eureka.

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

**TWELFTH SUB-DIVISION**  
**WESTWARD (SNAKE RIVER BRANCH) EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	THIRD CLASS		Distance from Riparia.	Time Table No. 81A October 27, 1963		Distance from Snake River Jct.	THIRD CLASS	
			379			380				
			Freight	Daily		Freight	Daily			
RYX	KF64	60	L 11.15 PM		0.0	XS..... RIPARIA..... PD	40.7	A 10.15 PM		
	KF55	22	f 11.40 PM		8.6	..... PERRY .....	32.1	f 9.40		
	KF38		f 12.28 AM		26.3	..... MONUMENTAL.....	14.4	f 9.01		
	KF35	36	f 12.35		28.4	..... WINDUST.....	12.3	f 8.57		
	KF23		As 1.20 AM		40.7	SR.SNAKE RIVER JCT. DN	0.0	L 8.25 PM		

**Between Ainsworth Jct. and Snake River Jct. Trains will be Governed by S. P. & S.  
 time table and Special Instructions.**

			2.05		Time Over Subdivision		1.80
			19.5		Average Speed Per Hour		22.3

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

**10**      **FOURTH SUB-DIVISION**  
**WESTWARD**      **(SUNNYSIDE LINE)**      **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Pasco.	Time Table No. 81A		Distance from Parker.
				October 27, 1963		
				STATIONS		
				Telegraph Offices and Calls		
RYX	1756	190	33.8	GI..... GIBBON..... P	46.5	
	IB3	53	36.2	..... WHITSTRAN..... P	44.1	
	IB6	63	39.3	..... NORTH PROSSER..... P	41.0	
X	IB12	68	46.0	GW..... GRANDVIEW..... PD	34.3	
	IB16	19	49.9	..... LICHTY.....	30.4	
X	IB20	63	53.6	SY..... SUNNYSIDE..... PDN	26.7	
	IB24	30	57.5	..... OUTLOOK..... P	22.8	
X	IB29	35	62.4	..... GRANGER..... P	17.9	
X	IB34	31	68.0	KI..... ZILLAH..... PD	12.3	
X	IB37	34	70.9	BN..... BUENA..... PD	9.4	
X	IB40	58	73.8	..... SAWYER..... P	6.5	
	IB42	14	76.1	..... DONALD.....	4.2	
			78.6	..... U. P. CROSSING.....	1.7	
R	1804	68	80.3	..... PARKER..... P	0.0	

EASTWARD—  
Parker to Gibbon.

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

**FIFTH SUB-DIVISION**  
**WESTWARD**      **(FORT SHERMAN BRANCH)**      **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Coeur d'Alene.	Time Table No. 81A		Distance from Hauser.
				October 27, 1963		
				STATIONS		
				Telegraph Offices and Calls		
YX	IA14	16	0.0	..... COEUR D'ALENE... PD	13.3	
Z		14	2.7	..... BLACKWELL..... P	10.6	
	IA4	24	8.9	..... POST FALLS.....	4.4	
	IA2		11.1	..... GRAND JCT.....	2.2	
RY	1557		13.3	AU..... HAUSER..... PD	0.0	

EASTWARD—  
Hauser to Coeur d'Alene.

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

**SEVENTH SUB-DIVISION**  
**WESTWARD**      **(GENESEE BRANCH)**      **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Pullman Junction.	Time Table No. 81A		Distance from Genesee.
				October 27, 1963		
				STATIONS		
				Telegraph Offices and Calls		
YX	ID77	Yard	0.0	..... PULLMAN JCT..... P	27.0	
	ID82	30	4.9	..... STALEY.....	22.1	
	ID84	36	7.3	..... CHAMBER.....	19.7	
	ID87	28	9.8	..... JOHNSON.....	17.2	
	ID92	27	15.0	CT..... COLTON..... PD	12.0	
	ID95	35	17.7	..... UNIONTOWN.....	9.3	
	ID97	21	20.2	..... LEON.....	6.8	
Y	ID104	Yard	27.0	GN..... GENESEE..... PD	0.0	

EASTWARD—  
Genesee to Pullman Jct.

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

**THIRTEENTH SUB-DIVISION**  
**WESTWARD**      **(SIMCOE BRANCH)**      **EASTWARD**

Water, Fuel, Scales, Turn Tables, Wyes and Yard Limits.	Station Numbers.	Car Capacity of Sidings.	Distance from Toppensh.	Time Table No. 81A		Distance from White Swan.
				October 27, 1963		
				STATIONS		
				Telegraph Offices and Calls		
BK WX	1792	Yard	0.0	TN..... TOPPENISH... PDN	21.7	
	KN5	11	5.0	..... YETHONAT.....	16.7	
	KN8	15	7.9	..... ASHUE.....	13.3	
	KN11	29	10.9	..... FARRON..... P	10.3	
	KN12	45	12.0	..... HARRAH..... P	9.7	
	KN15	29	15.1	..... BROWNSTOWN.....	6.6	
	KN16	28	16.3	..... RUPPLE..... P	5.4	
Y	KN22	29	21.7	..... WHITE SWAN..... P	0.0	

EASTWARD—  
White Swan to Toppensh.

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

## AUTHORIZED SURGEONS.

11

### CENTRAL DISTRICT

Dr. J. A. Evert, Chief Surgeon.....Missoula.  
 Dr. B. Bobowiec, Associate Surgeon.....Missoula.  
 Dr. E. E. Clark.....Missoula.  
 Dr. C. R. White.....Missoula.  
 Dr. W. W. Wilson.....Missoula.

### WESTERN DISTRICT

Dr. J. W. Gullikson, Chief Surgeon.....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.

### SPECIALISTS.

Dr. W. L. Jones, Eye, Ear, Nose and Throat.....Missoula.  
 Dr. G. G. Sale, Eye, Ear, Nose and Throat.....Missoula.  
 Dr. H. R. Crisman, Eye.....Missoula.  
 Dr. J. B. Stone, Eye, Ear, Nose and Throat.....Spokane.  
 Dr. Marc Anthony, Eye.....Spokane.  
 Dr. Andrew de Roeth, Eye.....Spokane.  
 Dr. J. A. Holloway, Eye.....Spokane.

Dr. C. V. Lundvick, Eye, Ear, Nose and Throat..Tacoma.  
 Dr. Wm. H. Ludwig, Eye, Ear, Nose and Throat.Tacoma.  
 Dr. P. B. Smith, Eye, Ear, Nose and Throat....Tacoma.  
 Dr. R. G. Layton, Eye, Ear, Nose and Throat...Lewiston.  
 Dr. R. P. Schefter, Eye, Ear, Nose and Throat...Yakima.  
 Dr. Canfield Beattie, Ear, Nose and Throat.....Portland  
 Dr. G. H. Drumheller, Eye, Ear, Nose and Throat.Everett.

### LOCAL SURGEONS.

Dr. T. A. O'Halloran.....Plains.  
 Dr. J. M. Isbister.....Plains.  
 Dr. F. E. Marienau.....Sandpoint.  
 Dr. H. A. Hughes.....{Rathdrum.  
   Coeur D'Alene.  
 Dr. W. H. Tousey.....Spokane.  
 Dr. H. V. Valentine.....Spokane.  
 Dr. B. P. Jacobson.....Spokane.  
 Dr. J. W. Epton.....{Spokane.  
   Opportunity.  
 Dr. Robt. L. Picken.....{Spokane.  
   Opportunity.  
 Dr. W. A. Gamon.....Cheney.  
 Dr. Chas. G. Smick.....Ritzville.  
 Dr. J. C. Lindsay.....Ritzville.  
 Dr. O. I. Lowry.....Rosalia.  
 Dr. F. Tomlinson.....Pullman.  
 Dr. R. E. Morton.....Pullman.

Dr. W. P. Marineau.....Moscow.  
 Dr. J. M. Ayers.....Moscow.  
 Dr. J. E. Carsow.....Lewiston.  
 Dr. C. E. Rosdahl.....Thompson Falls.  
 Dr. Guy E. Owens.....Colton.  
 Dr. J. E. Anderson.....Wilbur.  
 Dr. J. E. McNamara.....Soap Lake-Coulee City.  
 Dr. G. V. Axford.....Pasco.  
 Dr. J. M. Pierson.....Kennewick.  
 Dr. R. F. Hisey.....Granger.  
 Dr. F. C. Spratt.....Grandview.  
 Dr. R. V. Axford.....Prosser.  
 Dr. Kirk Brown.....Mabton.  
 Dr. Ali Raad.....Sunnyside.  
 Dr. L. K. England.....Yakima.  
 Dr. J. E. McClellan.....Walla Walla.  
 Dr. J. F. Bittner.....Pendleton.  
 Dr. E. S. Morgan.....Pendleton.

### LOCATION OF STRETCHERS.

Paradise.....Station. Pasco.....Baggage Room.  
 Yardley.....Tool Car Wrecker. Pasco.....Tool Car Wrecker.  
 Yardley.....Yard Office. Pasco.....Hump Yard  
 Spokane.....Erie Street Yard Office. Toppenish...Station.  
 Spokane.....Baggage Room.

### 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.

**J. J. AUGE,**  
Assistant Superintendent.

**R. C. WEBB,**  
Assistant Superintendent.

**D. B. LEWIS,**  
Trainmaster.

**J. W. MILLER,**  
Trainmaster.

**W. J. CONDOTTA,**  
Trainmaster.

**P. L. WESTINE,**  
Trainmaster.

**R. D. SCHLAPPY,**  
Trainmaster,

**H. D. KLUM,**  
Chief Dispatcher.