

SPOKANE, PORTLAND & SEATTLE R'Y CO.
PORTLAND DIVISION

TIME TABLE No. 82

TO TAKE EFFECT AT TWELVE-ONE (12:01) O'CLOCK A. M.
PACIFIC TIME

SUNDAY, SEPTEMBER 12, 1920

SUPERSEDING TIME TABLE NO. 81 AND ALL SUPPLEMENTS THERETO
THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY

G. E. VOTAW, Superintendent

H. M. HUSTON, Supt. Car Service

A. J. DAVIDSON, General Manager

2		WESTWARD										FIRST SUB-DIVISION—BETWEEN PORTLAND AND ASTORIA										EASTWARD	
FOURTH CLASS	THIRD CLASS	FIRST CLASS					Car Capacity	Distance from Portland	Time Table No. 82 SEPTEMBER 12, 1920		Distance from Astoria	Water, Wyes Turn Tables, Fuel and Scales.	FIRST CLASS					THIRD CLASS	FOURTH CLASS				
181	93	23	27	25	29	21	Passing Tracks	Other Tracks	STATIONS	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	94	182					
Local Freight	Time Freight	Passenger	Passenger	Passenger	Passenger	Passenger											Time Freight	Local Freight					
Daily Ex. Sunday	Daily Ex. Saturday	Daily	Daily	Daily	Daily	Daily				Daily	Daily	Daily	Daily	Daily	Daily		Daily Ex. Monday	Daily Ex. Monday					
L 6.30 AM	L 8.30 PM	L 6.20 PM	L 5.20 PM	L 12.15 PM	L 8.30 AM	L 7.20 AM	Yard	0.0	DN.....PORTLAND.....DI OW	99.8	WT CO	A 9.00 AM	A 12.15 PM	A 4.40 PM	A 8.10 PM	A 9.50 PM		A 2.45 AM	A 1.30 PM				
BETWEEN PORTLAND AND WILLBRIDGE TRAINS WILL BE GOVERNED BY TERMINALS DIVISION TIME TABLE AND SPECIAL RULES																							
6.55	8.50	6.36	5.36	12.31	8.46	7.36	Yard	4.4	DN.....WILLBRIDGE.....BA	95.4		8.44	11.59	4.24	7.54	9.34		2.20	1.10				
7.10	9.00	6.41	s 5.43	s 12.37	8.52	s 7.43	35	78	D.....LINNTON.....IN	92.5		s 8.37	s 11.52	s 4.17	7.48	9.29		2.05	1.02				
7.13	9.03	6.42	5.45	12.38	8.53	7.44			P.....UNITED JUNCTION.....	91.9		8.35	11.46	4.14	7.47	9.28		2.02	1.00				
7.30	9.19	6.49	f 5.55	f 12.48	9.02	7.54	83	6	.....HOLBROOK.....	87.2	3 MI. W.	f 8.25	11.37	f 4.03	7.39	9.19		1.40	12.48			
8.08	9.50	7.00	s 6.10	s 1.04	9.14	s 8.08	39	8	D.....SCAPPOOSE.....SQ	79.9		s 8.08	s 11.24	s 3.45	s 7.26	9.06		1.06	12.17				
8.32	10.10	7.07	f 6.20	f 1.12	9.21	s 8.17	32	5	D.....WARREN.....WN	75.5		f 7.57	11.16	f 3.35	7.17	8.58		12.45	12.01 PM				
8.45	10.21	7.12	6.26	1.19	9.26	8.22	68		.....GORMICK.....	72.7		7.50	11.12	3.29	7.12	8.53		12.32	11.49			
8.53	10.23	s 7.14	s 6.28	s 1.22	s 9.27	s 8.25		12	D.....ST. HELENS.....H	72.2		s 7.48	s 11.11	s 3.27	s 7.11	f 8.52		12.30	11.47				
9.33	10.40	7.20	6.37	1.31	9.33	8.31	52	5	.....WATERVIEW.....	68.5	W	7.38	11.03	3.18	7.03	8.45		12.12	11.32			
9.50	10.48	7.23	s 6.41	s 1.35	9.36	f 8.35		10	D.....DEER ISLAND.....DJ	66.6		s 7.33	11.00	s 3.13	s 6.59	8.41		12.01 AM	11.24				
10.10	11.05	7.30	f 6.50	f 1.46	9.43	8.43	28		.....CHARLTON.....	62.6		f 7.23	10.52	f 3.05	6.50	8.34		11.31	11.07			
10.48	11.15	s 7.34	s 6.58	s 1.52	9.47	s 8.48	27	79	DN.....GOBLE.....GB	60.4	T	s 7.17	s 10.48	s 2.57	s 6.45	8.30		11.15	10.48				
11.10	11.37	7.44	7.17	2.04	9.57	9.01	16		.....REEDS.....	54.5	1.9 MI. E.	7.01	10.36	2.42	6.27	8.19		10.47	10.12			
11.12	11.39	s 7.47	s 7.20	s 2.10	s 10.00	s 9.05		6	D.....RAINIER.....RA	54.0		s 7.00	s 10.35	s 2.40	s 6.26	s 8.18		10.45	10.08				
11.15	11.43	7.50	A 7.25 PM	A 2.15 PM	10.02	9.07	60		P.....AVON.....	53.0	T	L 6.55 AM	10.32	L 2.35 PM	6.21	8.16		10.41	10.02				
11.39	12.05 AM	s 8.05			10.17	f 9.22	17		.....PYRAMID.....	46.8		f 10.17		f 6.06	8.05			10.11	9.22			
11.47	12.15	s 8.11			10.22	s 9.28	60	14	.....MAYGER.....	44.0		s 10.11		s 6.00	8.00			10.00	9.11			
12.01 PM	12.29	s 8.20			10.28	s 9.37	34	12	.....QUINCY.....	40.5	W	s 10.00		s 5.52	7.52			9.45	8.55			
12.10	12.41	s 8.29			10.34	s 9.50	54	75	DN.....CLATSKANIE.....CN	37.6		s 9.50		s 5.44	f 7.45			9.31	8.40				
12.26	12.59	f 8.39			10.42	f 10.02	60	10	.....MARSHLAND.....	33.2		f 9.40		f 5.33	7.37			9.11	8.15			
12.42	1.17	s 8.52			10.50	s 10.13	83	40	.....WESTPORT.....	28.6		s 9.26		s 5.19	7.27			8.52	7.55			
12.50	1.27	s 8.59			10.55	s 10.20		54	.....WAUNA.....	26.3		s 9.20		s 5.12	7.22			8.30	7.20			
1.08	1.47	s 9.15			11.05	s 10.32	49		.....CLIFTON.....	21.4	W	s 9.08		s 4.59	7.13			7.55	6.55			
1.32	2.13	f 9.32			11.18	s 10.48			.....BLIND SLOUGH.....No Siding	14.9		f 8.51		s 4.42	7.00			7.37	6.33			
1.38	2.20	s 9.38			11.22	s 10.53	26	5	.....KNAPPA.....	13.3		s 8.46		s 4.38	6.56			7.30	6.25			
1.51	2.34	s 9.50			11.30	s 11.04	46	3	.....SVENSEN.....	9.6		s 8.38		s 4.29	6.50			7.20	6.10			
2.10	2.55	10.05			11.40	f 11.20	38		.....JOHN DAY.....	4.4		f 8.25		f 4.15	6.40			7.05	5.50			
A 2.30 PM	A 3.15 AM	A 10.20 PM			11.55 AM	A 11.35 AM	Yard	99.8	DN.....ASTORIA.....RO FD	0.0	W TOC	L 8.10 AM		L 4.00 PM	L 6.25 PM			L 6.45 PM	L 5.30 AM				
181	93	23	27	25	29	21						26	22	28	24	32		94	182				
Daily Ex. Sunday	Daily Ex. Saturday	Daily	Daily	Daily	Daily	Daily						Daily	Daily	Daily	Daily	Daily		Daily Ex. Sunday	Daily Ex. Monday				
8.00	6.45	4.00	2.05	2.00	3.25	4.15			Time Over District.			2.05	4.05	2.05	4.10	3.25		8.00	8.00				
12.5	14.8	25.0	22.5	22.9	29.2	23.5			Average Speed Per Hour.			22.5	24.4	22.5	23.9	29.2		12.5	12.5				

SPECIAL RULES—EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF SAME CLASS. EXCEPTION: No. 25 IS SUPERIOR TO No. 28

WESTWARD										SECOND SUB-DIVISION — BETWEEN ASTORIA AND HOLLADAY										EASTWARD			3
3rd CLASS	SECOND CLASS			FIRST CLASS					Car Cap'city	Passing Tracks	Other Tracks	Distances from Portland	Time Table No. 82 SEPTEMBER 12, 1920	Distances from Holladay	Water, Wyes Turn Tables, Fuc. and Scales	FIRST CLASS					SECOND CLASS		3rd CLASS
	63	61	71	23	43	53	51	29								22	42	50	52	32	72	62	
	Mixed	Mixed	Mixed	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Mixed	Mixed							
	Sunday only	Daily Ex. Sunday	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily	Daily							
	L 9.00AM	L 8.10AM	L 5.30AM	L 10.30PM	L 5.40PM	L 4.00PM	L 11.50AM	L 12.05PM	Yd	99.8	DN.....ASTORIA.....FD	19.3	WT 0 G	A 8.00AM	A 11.00AM	A 1.25PM	A 5.10PM	A 6.20PM			A 7.35AM	A 1.40PM	
	f 9.15	f 8.30	f 5.45	10.45	f 5.55	f 4.15	f 12.05PM	12.20		104.0	.....SUNNYMEAD.....	15.1		7.40	f 10.45	f 1.10	f 4.55	6.05			f 7.15	1.25	
	s 9.20	s 8.35	A 5.50AM	f 10.50	s 6.00	A 4.20PM	A 12.10PM	s 12.25	58	105.6	D.....WARRENTON.....WA	13.5	Y	s 7.35	s 10.40	L 1.05PM	L 4.50PM	s 6.00			L 7.10AM	s 1.20	
	f 9.23	f 8.40		10.52	f 6.04			f 12.29		107.0	.....SKIPANON.....	12.1		7.28	f 10.35			f 5.55			f 1.10		
	f 9.27	f 8.45		f 10.54	f 6.07			f 12.32	39	2	108.2	.....COLUMBIA BEACH.....	10.9		f 7.25	f 10.32		f 5.53			f 1.05		
	f 9.31	f 8.50		10.56	f 6.10			f 12.36		109.7	.....GLENWOOD.....	9.4		f 7.21	f 10.27		f 5.48				f 12.57		
	f 9.33	f 8.53		f 10.57	f 6.12			f 12.38	2	110.3	.....CARNAHAN.....	8.8		f 7.19	f 10.26		f 5.47				f 12.52		
	f 9.38	f 9.00		f 11.00	f 6.16			f 12.42	23	29	112.1	.....WEST.....	7.0		f 7.15	f 10.21		f 5.42			f 12.42		
	f 9.41	f 9.04		f 11.02	f 6.19			f 12.45	4	113.2	.....CLATSOP.....	5.9		f 7.12	f 10.18		f 5.38				f 12.34		
	9.43	9.06		11.03	6.20			12.47	15	113.7	.....McGUIRE.....	5.4		7.11	10.17		5.37				12.29		
	f 9.45	f 9.08		11.04	f 6.22			f 12.48		114.4	.....BUTTERFIELD.....	4.7		7.10	f 10.15		f 5.35				f 12.24		
	s 9.48	s 9.13		f 11.08	s 6.26			s 12.51	14	115.7	D.....GEARHART.....GR	3.4		s 7.06	s 10.12		s 5.32				s 12.14		
	f 9.51	f 9.17		11.13	f 6.30			f 12.55		116.8	.....WAHANNAH.....	2.8		f 7.03	f 10.09		f 5.29				f 12.05PM		
	f 9.53	f 9.20		11.15	f 6.32			f 12.58	23	117.4	.....SURF.....	1.7		f 7.02	f 10.07		f 5.27				f 11.59		
	s 9.55	s 9.40		s 11.20	s 6.35			s 1.00	22	60	118.0	D.....SEASIDE.....SD	1.1	W	s 7.00	s 10.05		s 5.25			s 11.55		
	A 10.00AM	A 9.45AM		A 11.25PM	A 6.40PM			A 1.05PM	56	119.1	.....HOLLADAY.....	0.0	Y	L 6.45AM	L 10.00AM		L 5.10PM				L 11.00AM		
	63	61	71	23	43	53	51	29						22	42	50	52	32			72	62	
	Sunday only	Daily Ex. Sunday	Daily	Daily	Daily	Daily	Daily	Daily						Daily	Daily	Daily	Daily	Daily			Daily	Daily	
	1.00 19.3	1.35 12.1	0.20 17.7	0.55 21.1	1.00 19.3	0.20 17.7	0.20 17.7	1.00 19.3						1.15 15.4	1.00 19.3	0.20 17.7	0.20 17.7	1.10 16.6			0.25 13.9	2.40 5.8	

SPECIAL RULES—EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS. EXCEPTIONS:
No. 53 is superior to No. 52. No. 61 and No. 63 are superior to No. 62.

WESWARD			THIRD SUB-DIVISION — BETWEEN WARRENTON AND FORT STEVENS										EASTWARD		
THIRD CLASS	SECOND CLASS		FIRST CLASS			Capacity of Side Tracks	Distances from Warrenton	Time Table No. 82 SEPTEMBER 12, 1920	Distances from Fort Stevens	Water, Wyes Turn Tables and Scales	FIRST CLASS		SECOND CLASS		
	71		53	51	50						52	72			
	Mixed		Passenger	Passenger	Passenger	Passenger	Passenger	Mixed							
	Daily		Daily	Daily	Daily	Daily	Daily	Daily							
	L 5.50AM		L 4.20PM	L 12.25PM	58	0.0	D.....WARRENTON.....WA	3.8	Y	A 1.05PM	A 4.50PM		A 7.10AM		
	f 5.55		f 4.25	f 12.30	110	1.8	.....FLAVEL.....	2.0	W C Y	f 12.59	f 4.45		f 7.00	
	s 6.00		s 4.30	s 12.35	4	2.9	.....HAMMOND.....	0.9		s 12.55	s 4.40		s 6.55	
	A 6.10AM		A 4.35PM	A 12.40PM	Yard	3.8	D.....FORT STEVENS.....FN	0.0	Y	L 12.50PM	L 4.35PM		L 6.50AM		
	71		53	51						50	52		72		
	Daily		Daily	Daily						Daily	Daily		Daily		
	0.20 11.4		0.15 15.0	0.15 15.0						0.15 15.0	0.15 15.0		0.20 11.4		

SPECIAL RULES
EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.
EXCEPTIONS:
No. 71 is superior to No. 72
No. 51 is superior to No. 50
No. 53 is superior to No. 52

GRADE CROSSINGS

Table with 2 columns: NAME, Miles from Portland. Rows include P. & S.W. Ry., St. Helens Lumber Co., G. N. & P. Ry., Benson Timber Co.

OVERHEAD CROSSINGS

Table with 2 columns: NAME, Miles from Portland. Rows include Grant Smith-Porter Bros. Co., Columbia & Nehalem River Ry., Oregon Timber & Log Co., Big Creek Logging Co.

JUNCTIONS

Table with 3 columns: NAME, Miles from Portland, Switch at. Rows include Vancouver Division, United Railways Co., Grant Smith-Porter Bros. Co., etc.

LOCATION AND LENGTH OF TUNNELS

Table with 3 columns: No., LOCATION, Length. Row 3: 1.2 miles east of Mayger, 175 feet.

YARDS

Linnnton yard limits extend six hundred feet west of West Oregon Lumber Co. switch to one thousand feet east of east switch of the Clark - Wilson Lumber Co. loading track.

Astoria yard limits extend from Tongue Point to 2600 feet west of west switch at Warrenton on Second Sub-Division and to Ft. Stevens on Third Sub-Division.

Seaside yard limits extend from 500 feet east of East switch at Seaside to yard sign 900 feet west of wye switch Holladay. Attention is called to the use of Seaside yard limits by Hammond Lumber Co. engines

WATCH INSPECTORS

A. L. HAMAN, Chief Time Inspector, St. Paul, Minn.

Table with 2 columns: NAME, LOCATION. Rows include W. H. SAXTON (PORTLAND), SHULTZ & JACOBSEN (ASTORIA), R. M. YOUNG (RAINIER), L. S. BALL (SEASIDE).

CAPACITY OF ENGINES IN ADDITION TO WEIGHT OF ENGINES, TENDERS AND CABOSES

Table with columns: DISTRICT, Ruling, Class of Engine (D-2, D-3, D-4, D-6, L-1, L-5, L-4, N-1, N-3), and numerical values.

E. M. HERRING, Dispatcher; S. A. GAGNON, Dispatcher; E. D. LACKEY, Dispatcher; E. B. HEATH, Trainmaster; F. S. BARLOW, Dispatcher; R. C. SCOFFERN, Chief Disp.

SPECIAL RULES

- No. 1. Special Rules supersede rules and regulations of Transportation Department. No. 2. REGISTERING STATIONS. No. 3. STANDARD CLOCKS AND BULLETIN BOARDS. No. 4. Derail Switches are located on all Passing Tracks and Spurs where there is danger of cars running out. No. 5. SPEED RESTRICTIONS. No. 6. When an order is put out to a train at a station, directing it to meet an opposing train at that station... No. 7. Attention is called to electrification of main line and passing track at Linnnton from United Junction to East of East switch... No. 8. All trainmen and others interested are hereby warned that the majority of cattle guards on Portland Division are closer to tracks than required standard of the Public Service Commission of Oregon. No. 9. Sign reading "Impaired Clearance" placed upon switch stand at entrance of spur or siding indicates there are platforms or structures located alongside same which do not provide minimum horizontal clearance... No. 10. Draw Bridges are located: Clatskanie River, 0.5 miles West of Clatskanie; Blind Slough; John Day River, 0.6 miles east of John Day; Young's Bay, 2.8 miles west of Astoria; Skipanon Creek, 0.1 miles East of Warrenton. No. 11. At Willbridge Portland division trains will be governed by position of the lower blades of train order semaphore. No. 12. No. 21 will stop on flag at Burlington to discharge passengers from Portland, and at Holbrook to pick up passengers for points west of Rainier and at Nehalem Junction to discharge passengers from Portland or Linnnton, and on Saturdays at bridge tender's house at John Day draw bridge. No. 13. No. 22 will stop on signal at Port Dock and 12th Street, Astoria, to discharge passengers. No. 14. No. 23 will stop on signal at Skipanon, Glenwood, Butterfield, Wahannah and Surf to discharge passengers only. No. 15. No. 24 will stop on signal at points east of Rainier to let off passengers from points west of Rainier. No. 16. No. 24 will stop on flag at Warren Sunday only and at Holbrook Saturday and Sunday only, and at John Day bridge tender's house on Saturdays only. No. 17. No. 25 will stop at Junction with Deer Island Logging Co. on Monday and Thursday of each week to unload perishable express. No. 18. At Linnnton, No. 22 waits for connection with United Railway No. 2. No. 19. No. 32 will stop on signal at Kerry daily except Sunday to pick up passengers. No. 20. No. 29 will stop at Mayger, Kerry and Clifton for U. S. mail and will stop on flag Saturdays only at Port Dock, Astoria, to receive passengers. No. 21.

CLEARANCE TABLE

Table with columns: Portland Division, Height above Top of Rail (1' to 11'), and numerical values.

Conductors must be absolutely positive that loads do not exceed these dimensions and must not move cars of greater dimensions without instructions from Superintendent.

COMPANY SURGEONS

DR. E. B. MCDANIEL, Chief Surgeon, Electric Bldg, Portland. DR. R. C. MCDANIEL, Asst. Surgeon, Electric Bldg., Portland. DRS. DICKSON, COGHELAN & DAVIS, Oculists, Selling Bldg., Portland. DR. C. E. BROUS, Local Surgeon, Linnnton, Oregon. DR. C. E. WADE, Local Surgeon, St. Helens, Ore. DR. W. E. WELCH, Local Surgeon, Rainier. DR. M. G. EVANS, Local Surgeon, Clatskanie, Ore. DR. E. J. JASPER, Local Surgeon, Westport. DR. J. A. FULTON, Local Surgeon, Astoria. DR. ARTHUR VAN DUZEN, Assistant Local Surgeon, Astoria. DR. O. C. HAGMEIER, Local Surgeon, Seaside and Warrenton.

Surgeons will attend when called upon officially, to all cases of accident occurring to employes or passengers. In cases of sickness it is the intention to limit medical service to the locality or town where a surgeon resides, unless some urgent necessity exists, for which distinct official authority must be had in accordance with established regulations.

Railway Officials are required to call on the nearest authorized surgeons whenever practicable, when surgical or medical services are needed. When such are accessible, the Hospital Fund will not be responsible for bills for medical services rendered by any other physician. In the event of a sudden emergency, arising from accident, if necessary proper surgical aid should be procured until the arrival of a regularly appointed surgeon, when the case should be placed in his charge, and in no case should the services of any but an authorized company surgeon be continued at the expense of the Railway Company or of the Hospital Fund after such surgeon is able to assume charge of the case.

Boarding and Nursing are furnished only at hospitals with which the Company has made arrangements. We are not responsible for bills incurred elsewhere, unless specially authorized or approved by the Chief Surgeon, and then only in critical cases of injury or illness occurring in the discharge of duty.

STRETCHERS

are located at the following points:

Table with 2 columns: LOCATION, Station. Rows include Portland (Baggage Room), Rainier, Astoria.

BUSINESS TRACKS AND PASSENGER FLAG STOPS NOT SHOWN AS STATIONS ON TIME TABLE

Table with 5 columns: NAME, Miles from Portland, Car Capacity, Switch at, Flag Stops for Trains. Rows include Portland, G&C Spur, Claremont, Ban's Spur, Burlington Spur, Rocky Point, Johnson's Crossing, Honeymans, McNulty, Standard Oil Co. Spur, Sommarstrom Ship Building Co. Spur, McBride, Appleton's Crossing, Tide Creek, Nehalem Junction, Trojan, Prescott Spur, Oasis, Rice's Spur, Tryon Spur, Downings, Fluhrer's Spur, Inglis, 2 tracks, Palm, Woodson, Kerry Spur, Bugby, Parsons, Aldrich Point, Brownsmead, Burnside, Fernhill, Tongue Point, Halco.

Second Sub-Division

Table with 4 columns: NAME, Miles from Portland, Car Capacity, Flag Stops for Trains. Rows include 12th St., Astoria, Port Dock, Astoria, Merryweather, Allendale.

Third Sub-Division

Table with 4 columns: NAME, Miles from Portland, Car Capacity, Flag Stops for Trains. Rows include Stock Yard Spur, Warrenton Clay Spur.