

SPOKANE, PORTLAND & SEATTLE R'Y CO.

PORTLAND DIVISION

TIME TABLE No. 89

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

SATURDAY, JULY 1, 1922

SUPERSEDING TIME TABLE NO. 88 AND ALL SUPPLEMENTS THERETO
THIS TIME TABLE IS FOR THE USE OF EMPLOYES ONLY

G. E. VOTAW, Superintendent

E. E. LILLIE, Supt. Car Service

A. J. DAVIDSON, General Manager

2 WESTWARD		FIRST SUB-DIVISION—BETWEEN PORTLAND AND ASTORIA										EASTWARD											
FOURTH CLASS		THIRD CLASS		FIRST CLASS								FIRST CLASS						THIRD CLASS	FOURTH CLASS				
181	93	23	29	25	27	21	31	Car Capacity		Time Table No. 89		STATIONS						94	182				
Local Freight	Time Freight	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passing Tracks	Other Tracks	Distance from Portland	Distance from Astoria	Water, Wyes Turn Tables, Fuel and Scales.	26	22	28	24	30	32	Time Freight	Local Freight			
Leave Mon., Wed. and Fri.	Leave Daily Ex. Saturday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Yard		0.0	DN.....	PORTLAND	99.8	WT CO	10.00 AM	12.10 PM	4.35 PM	8.05 PM	9.50 PM	10.30 PM	2.00 AM	1.30 PM	
8.30 AM	8.30 PM	6.20 PM	5.15 PM	1.45 PM	12.25 PM	8.20 AM	8.10 AM																
BETWEEN PORTLAND AND WILLBRIDGE TRAINS WILL BE GOVERNED BY TERMINALS DIVISION TIME TABLE AND SPECIAL RULES																							
8.55	8.50	6.36	5.31	2.01	12.41	8.36	8.26	Yard		4.4	DN.....	WILLBRIDGE.....BA	96.4		9.44	11.54	4.19	7.49	9.34	10.14		1.35	1.10
										7.3	D.....	LINNTON.....IN	92.5		9.37	11.48	4.12	7.43	9.28	10.08		1.20	12.48
9.40	9.03	6.42	5.39	2.08	12.49	8.44	8.33			7.9	P.....	UNITED JUNCTION.....	91.9		9.35	11.46	4.10	7.42	9.27	10.07		1.17	12.40
10.02	9.19	6.50	5.50	2.15	12.59	8.53	8.40			12.6		HOLBROOK.....	87.2	W	9.25	11.37	3.58	7.33	9.19	9.59		12.55	12.28
10.35	9.47	7.02	6.06	2.27	1.15	9.08	8.52			19.9	D.....	SCAPPOOSE.....SQ	79.9		9.08	11.24	3.43	7.19	9.07	9.47		12.20	12.12
10.55	10.05	7.10	6.16	2.34	1.25	9.18	8.58			24.3		WARREN.....	75.5		8.58	11.16	3.33	7.10	8.59	9.40		12.02 AM	12.01 PM
11.12	10.17	7.15	6.21	2.38	1.30	9.23	9.03			27.1		CORMICK.....	72.7		8.53	11.12	3.27	7.06	8.55	9.35		11.54	11.49
11.15	10.19	7.17	6.23	2.40	1.32	9.25	9.05			27.6	D.....	ST. HELENS.....H	72.2	W	8.52	11.10	3.25	7.04	8.53	9.34		11.52	11.47
11.33	10.35	7.23	6.32	2.46	1.38	9.32	9.11			31.3		WATERVIEW.....	68.5		8.43	11.03	3.17	6.57	8.47	9.28		11.38	11.32
11.40	10.43	7.27	6.36	2.49	1.43	9.36	9.13			33.2	D.....	DEER ISLAND.....DJ	66.5		8.39	11.00	3.12	6.53	8.43	9.25		11.32	11.24
11.58	11.00	7.35	6.45	2.55	1.52	9.43	9.20			37.2		CHARLTON.....	62.5		8.31	10.52	3.03	6.45	8.37	9.18		11.18	11.07
12.08 PM	11.10	7.39	6.49	2.58	1.57	9.47	9.23			39.4	DN.....	GOBLE.....GB	60.4		8.25	10.48	2.58	6.41	8.33	9.14		11.10	10.48
12.35	11.34	7.52	7.05	3.10	2.10	10.01	9.34			45.8	D.....	RAINIER.....RA	54.0	W	8.10	10.35	2.43	6.27	8.22	9.04		10.43	10.10
12.40	11.37	7.55	7.10 PM	3.12	2.15 PM	10.03	9.36			46.8	P.....	AVON.....	53.0	T	8.05 AM	10.33	2.38 PM	6.25	8.20	9.02		10.38	10.03
1.10	12.02 AM	8.08		3.23		10.18	9.50			53.5		PYRAMID.....	46.2		10.18		6.08	8.08	8.50		10.12	8.58	
1.20	12.12	8.15		3.28		10.23	9.55			55.8		MAYGER.....	44.0		10.12		6.02	8.03	8.47		10.01	8.45	
1.35	12.25	8.25		3.35		10.32	10.02			59.3		QUINCY.....	40.5	W	10.02		5.53	7.58	8.40		9.47	8.25	
1.48	12.37	8.34		3.41		10.38	10.08			62.2	DN.....	CLATSKANIE.....CN	37.6		9.53		5.45	7.52	8.34		9.34	8.10	
2.08	12.55	8.45		3.49		10.50	10.16			66.6		MARSHLAND.....	33.2		9.42		5.34	7.43	8.27		9.15	7.50	
2.25	1.08	8.53		3.55		10.57	10.22			69.8		KERRY.....	30.0		9.33		5.27	7.38	8.20		9.03	7.38	
2.31	1.15	8.56		3.57		11.01	10.24			71.2		WESTPORT.....	28.6		9.30		5.23	7.36	8.17		8.56	7.32	
2.42	1.25	9.02		4.02		11.07	10.28			73.5		WAUNA.....	26.1		9.23		5.17	7.32	8.13		8.40	7.20	
3.03	1.45	9.13		4.12		11.21	10.37			78.4		CLIFTON.....	21.4	W	9.11		5.04	7.22	8.03		8.24	7.01	
3.33	2.10	9.29		4.24		11.39	10.49			84.9		BLIND SLOUGH.....No Siding	14.9		8.53		4.47	7.10	7.52		8.03	6.33	
3.40	2.17	9.33		4.27		11.43	10.52			86.5		KNAPPA.....	13.3		8.48		4.43	7.07	7.48		7.48	6.25	
3.56	2.35	9.42		4.34		11.54	10.59			90.2		SVENSEN.....	9.6		8.39		4.34	6.59	7.41		7.25	6.10	
4.20	2.55	9.55		4.45		12.10 PM	11.10			95.4		JOHN DAY.....	4.4		8.25		4.20	6.50	7.30		7.00	5.50	
4.35 PM	3.15 AM	10.10 PM		5.00 PM		12.25 PM	11.25 AM	Yard		99.8	DN.....	ASTORIA.....RO	0.0	W TOC	8.10 AM		4.05 PM	6.35 PM	7.15 PM		6.40 PM	5.30 AM	
Arrive Mon., Wed. and Fri.	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Sat. Only								Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Sun. Only	Leave Daily	Leave Daily Ex. Sunday	Leave Tues., Thurs. & Sat.	
8.05	6.46	3.50	1.55	3.15	1.50	4.05	3.15								1.55	4.00	1.57	4.00	3.15	3.15	7.20	8.00	
12.3	14.8	26.1	24.4	30.7	25.5	24.4	30.7								24.4	25.0	24.0	25.0	30.7	30.7	13.6	12.5	

SPECIAL RULES—EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF SAME CLASS.

WESTWARD											SECOND SUB-DIVISION—BETWEEN ASTORIA AND HOLLADAY											EASTWARD					3		
3rd CLASS	SECOND CLASS		FIRST CLASS								Car Capacity	Passing Tracks	Other Tracks	Distances from Portland	Time Table No. 89 JULY 1, 1922	Distances from Holladay	Water, Wyes Turn Tables, Fuel and Scales	FIRST CLASS										2nd CLASS	3rd CLASS
	Mixed	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger								Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Passenger	Mixed		
Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Sunday Only	Leave Saturday Only	Leave Daily	Leave Daily	Yd	Yd	STATIONS	Yd	Yd	Y	Arrive Daily	Arrive Daily	Arrive Sunday Only	Arrive Daily	Arrive Daily	Arrive Sunday Only	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Monday Only	Arrive Daily Ex. Sunday		
	8:00AM	10:20PM	6:55PM	5:05PM	3:00PM	1:00PM	12:35PM	12:20PM	11:30AM	9:00AM	99.8	99.8	DN.....ASTORIA.....FD	19.3	W 100		8:00AM	11:05AM	1:45PM	3:55PM	6:15PM	6:30PM	7:10PM	8:50PM	11:45PM	12:35AM	2:15PM		
	8:07		7:03	5:12	3:07	1:07		12:26		9:07	101.5	101.5	.....PORT DOCK.....	17.6			10:58	1:38	3:48	6:08		7:03	8:43	11:38	12:28	2:07		
	8:17	10:35	7:10	5:20	3:15	1:15	12:50	12:35	11:45	9:15	104.0	104.0	.....SUNNYMEAD.....	16.1		7:40	10:50	1:30	3:40	6:00	6:15	6:55	8:35	11:30	12:20	1:55		
	8:25	10:40	7:15	5:25	3:20	1:20	12:55	12:40PM	11:50	9:20	105.6	105.6	D.....WARRENTON.....WA	18.6	Y	7:35	10:45	1:25PM	3:35	5:55	6:10	6:50	8:30	11:25	12:15	1:25			
	8:30	10:43	7:18	5:29	3:23	1:23	12:59		11:54	9:23	107.0	107.0	.....SKIPANON.....	12.1		7:28	10:40		3:31	5:15	6:05	6:47	8:26	11:21	12:10	11:18		
	8:37	10:46	7:22	5:32	3:28	1:27	1:02		11:57	9:27	108.2	108.2	.....COLUMBIA BEACH.....	10.9		7:25	10:37		3:28	5:12	6:02	6:43	8:23	11:18	12:08	11:13		
	8:43	10:48	7:26	5:35	3:32	1:30	1:06		12:01PM	9:29	109.7	109.7	.....GLENWOOD.....	9.4		7:21	10:33		3:23	5:08	5:58	6:40	8:20	11:15	12:05	11:07		
	8:47	10:49	7:27	5:37	3:33	1:32	1:07		12:02	9:31	110.3	110.3	.....CARNAHAN.....	8.8		7:19	10:32		3:22	5:07	5:57	6:38	8:18	11:13	12:03	11:03		
	8:56	10:52	7:32	5:41	3:38	1:35	1:12		12:07	9:35	112.1	112.1	.....WEST.....	7.0		7:15	10:26		3:17	5:02	5:52	6:35	8:14	11:08	12:01AM	10:57		
	9:02	10:54	7:35	5:44	3:42	1:38	1:16		12:11	9:38	113.2	113.2	.....CLATSOP.....	5.9		7:12	10:23		3:13	4:58	5:48	6:32	8:12	11:06	11:58	10:52		
	9:05	10:55	7:36	5:47	3:43	1:39	1:17		12:12	9:39	113.7	113.7	.....McGUIRE.....	5.4		7:11	10:22		3:12	4:56	5:47	6:31	8:11	11:04	11:57	10:49		
	9:08	10:57	7:37	5:48	3:44	1:41	1:18		12:14	9:41	114.4	114.4	.....BUTTERFIELD.....	4.7		7:10	10:20		3:10	4:54	5:45	6:29	8:09	11:03	11:55	10:47		
	9:15	11:00	7:42	5:52	3:48	1:44	1:23		12:17	9:43	115.7	115.7	D.....GEARHART.....GR	3.4		7:06	10:17		3:07	4:52	5:42	6:27	8:07	11:00	11:52	10:42			
	9:20	11:03	7:45	5:56	3:52	1:47	1:25		12:20	9:46	116.8	116.8	.....WAHANNAH.....	2.3		7:03	10:13		3:03	4:49	5:37	6:23	8:03	11:04	11:48	10:37		
	9:25	11:06	7:47	5:57	3:53	1:48	1:27		12:22	9:47	117.4	117.4	.....SURF.....	1.7		7:02	10:12		3:02	4:47	5:36	6:22	8:02	11:02	11:47	10:33		
	9:30	11:10	7:50	6:00	3:55	1:50	1:30		12:25	9:50	118.0	118.0	D.....SEASIDE.....SD	1.1	W	7:00	10:10		3:00	4:45	5:35	6:20	8:00	11:05	11:45	10:30			
	9:35AM	11:15PM	7:55PM	6:05PM	4:00PM	1:55PM	1:35PM		12:35PM	9:55AM	119.1	119.1	.....HOLLADAY.....	0.0	Y	6:45AM	10:00AM		2:45PM	4:35PM	5:15PM	6:10PM	7:55PM	10:45PM	11:35PM	10:20AM		
	1:35	0:55	1:00	1:00	1:00	0:55	1:00	0:20	1:05	0:55	15.4	15.4	Time Over District.			1:15	1:05	0:20	1:10	1:05	1:15	1:00	0:55	1:00	1:00	1:50			
	12.2	21.1	19.3	19.3	19.3	21.1	19.3	17.6	17.6	21.1			Average Speed Per Hour.			15.4	17.5	17.6	16.6	17.5	15.4	19.3	21.1	19.3	19.3	10.6			

SPECIAL RULES—EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS. EXCEPTIONS:
 No. 43 is superior to No. 44. No. 47 is superior to No. 46. No. 61 is superior to No. 60.

WESTWARD 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. 89 JULY 1, 1922	Distances from Fort Stevens	Water, Wyes Turn Tables and Scales	FIRST CLASS		SECOND CLASS	
	Mixed	Passenger	Passenger	Passenger						Passenger	Passenger	Mixed	
Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Sunday Only	Leave Daily	Yard	STATIONS	Yd	Y	Arrive Sunday Only	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	
	12:55PM			5:25PM	12:55PM	D.....WARRENTON.....WA	3.8	Y	1:25PM	5:55PM		1:50PM	
	1:03			5:32	1:01	.....FLAVEL.....	2.0	W C Y	1:18	5:48		1:40
	1:08			5:35	1:05	.....HAMMOND.....	0.9		1:15	5:45		1:35
	1:15PM			5:40PM	1:10PM	D.....FORT STEVENS.....FN	0.0	Y	1:10PM	5:40PM		1:30PM	
	0:20			0:15	0:15	Time Over District.			0:15	0:15		0:20	
	11.4			15.0	15.0	Average Speed Per Hour.			15.0	15.0		11.4	

SPECIAL RULES
 EASTWARD TRAINS ARE SUPERIOR TO WESTWARD TRAINS OF THE SAME CLASS.
 EXCEPTIONS:
 No. 71 is superior to No. 70
 No. 73 is superior to No. 72
 No. 75 is superior to No. 74

4 GRADE CROSSINGS

Table with 2 columns: NAME, Miles from Portland. Includes P. & S.W. Ry. (Interlocking Plant), St. Helens Lumber Co. (Interlocking Plant), G. N. & P. Ry. (Interlocking Plant), Benson Timber Co. (Interlocking Plant).

OVERHEAD CROSSINGS

Table with 2 columns: NAME, Miles from Portland. Includes 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. Lists various divisions and locations like Vancouver Division, United Railways Co., Grant Smith-Porter Bros. Co., etc.

LOCATION AND LENGTH OF TUNNELS

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

YARDS

Linnton 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.

Rainier yard limits extend from yard sign five hundred feet east of east switch Reeds to yard sign five hundred feet west of west passing track switch Avon.

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

Table listing watch inspectors: A. L. HAMAN, Chief Time Inspector, St. Paul, Minn.; 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-4, N-3), and capacity values for various routes like Portland to Goble, Goble to Portland, etc.

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

SPECIAL RULES

- No. 1. Special Rules supersede rules and regulations of Transportation Department.
No. 2. REGISTERING STATIONS. Portland, Astoria, Warrenton, Seaside, Fort Stevens.
No. 3. STANDARD CLOCKS AND BULLETIN BOARDS. Portland, Astoria, Warrenton and Seaside.
No. 4. Derail Switches are located on all Passing Tracks and Spurs where there is danger of cars running out.
No. 5. SPEED RESTRICTIONS. Maximum speed for passenger trains at any point must not exceed 45 miles per hour, and freight trains must not exceed 30 miles per hour.
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. Rule 83-a will not apply at initial stations which are not telegraph stations...
No. 8. Attention is called to electrification of main line and passing track at Linnton from United Junction to East of East switch of passing track...
No. 9. All trainmen and others interested are hereby warned that the majority of cattle guards on Portland Division are closer to tracks than required standard...
No. 10. 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. 11. 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. 12. At Willbridge Portland division trains will be governed by position of the lower blades of train order semaphore.
No. 13. At Port Dock the track on south side of main track will be used as passing track.
No. 14. No. 21 will stop on signal at Burlington to discharge passengers from Portland; at Holbrook to pick up passengers for points west of Rainier; at Nehalem Junction to discharge passengers from Portland or Linnton, and on Saturdays at bridge tender's house at John Day draw bridge.
No. 15. No. 22 will stop on signal at 11th Street, Astoria, and Port Dock to discharge passengers.
No. 16. No. 23 will stop on signal at Skipanon, Glenwood, Butterfield, Wahannah and Surf to discharge passengers only.
No. 17. Nos. 22 and 24 will stop on signal at points east of Rainier to let off passengers from points west of Rainier.
No. 18. No. 24 will stop on signal at Warren Sunday only and at Holbrook Saturday and Sunday only, and at John Day bridge tender's house on Saturdays only.
No. 19. No. 21 will stop on signal at Columbia Beach, Carnahan, West and Surf to discharge passengers from east of Astoria.
No. 20. No. 25 will stop on signal at Goble, Eleventh Street Astoria, and Port Dock to receive passengers, and will stop on signal at points west of Warrenton to discharge passengers from Warrenton and east.
No. 21. No. 31 will stop on signal at Warrenton, Columbia Beach, Carnahan, West and Surf to discharge passengers from east of Astoria.
No. 22. No. 30 will stop on signal at Surf, Wahannah and Columbia Beach to pick up passengers for Portland.
No. 23. No. 32 will stop on signal at Surf to pick up passengers for points east of Astoria.
No. 24. All Eastward trains will stop at Junction Stop Board, located 200 ft. west of United Junction, Linnton, and will sound Whistle Signal 14 E, and not proceed until way is known to be clear.
No. 25. At Linnton, No. 22 waits for connection with United Railway No. 2.

CLEARANCE TABLE

Table showing clearance heights above top of rail for various widths (1' to 11') across different divisions like Portland Division.

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, COGLAN & DAVIS, Oculists, Selling Bldg., Portland
DR. C. E. BROUS, Local Surgeon, Linnton, 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 listing stretcher locations: Portland (Baggage Room), Rainier (Station), Astoria (Station).

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

Table with columns: NAME, Miles from Portland, Car Capacity, Switch at, Flag Stops for Trains. Lists various locations like Portland, G&C Spur, Claremont, Orwood, etc.

Second Sub-Division

Table showing flag stops for the Second Sub-Division: 11th St., Astoria; Merryweather; Allendale.

Third Sub-Division

Table showing flag stops for the Third Sub-Division: Stock Yard Spur; Warrenton Clay Spur; Point Adams Spur.