

SOUTHERN PACIFIC COMPANY.

(PACIFIC SYSTEM.)

TIME TABLE

FOR THE

SAN JOAQUIN DIVISION

To Take Effect Wednesday, November 10th, 1915, at 12:01 A. M.

PACIFIC STANDARD TIME (120th MERIDIAN)

For the government and information of employes only, and not intended for the use of the public.
The company reserves the right to vary from this time-table at pleasure.

W. R. SCOTT,
Vice-President and General Manager

G. F. RICHARDSON,
Superintendent of Transportation

H. V. PLATT,
Assistant General Manager



FRESNO AND BAKERSFIELD SUBDIVISION

Eastward		FROM SAN FRANCISCO					Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Exeter	TOWARD SAN FRANCISCO				Westward	
		THIRD CLASS		FIRST CLASS						FIRST CLASS			THIRD CLASS		
		238 Fresno Porterville Way Freight	98 Fresno Goshen Junc. Passenger	90 San Francisco Bakersfield Passenger	96 Fresno Porterville Armona Passenger	104 Fresno Famoso Passenger				93 Porterville Fresno Passenger	95 Coalinga Exeter Fresno Passenger	105 Famoso Fresno Passenger	239 Porterville Fresno Way Freight		
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.		Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	STATIONS	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday				
WFTOP YARD		4.40AM				6.30AM	DN-R FRESNO				3.45PM				
							1.5 A. T. & S. F. CROSSING								
30							0.1 BALL (Spur)								
24							0.8 MARS								
12		5.00	f 7.32	4.22	f 12.17	f 6.42	0.6 BLOSSOMA	f 9.10	f 11.33	f 7.46	3.10				
43Y			f		f	f	0.5 LUVITA (Spur)	f		f					
20			f		f	f	1.6 ESHEL (Spur)	f		f					
30		5.10	f 7.39	4.29	f 12.24	f 6.49	1.2 BUTLER	f 9.02	f 11.25	f 7.39	2.55				
70Y			f		f	f	1.2 LOCANS (Spur)	f	f	f					
33		5.20	f 7.45	4.35	f 12.30	f 6.55	1.5 IVESTA	f 8.56	f 11.19	f 7.32	2.40				
48		5.25	f 7.48	f 4.38	f 12.33	f 6.58	1.4 CLOTHO	f 8.53	f 11.16	f 7.29	2.35				
32W		6.00	s 8.00	s 4.48	12.42	s 7.07	3.9 SANGER	s 8.45	s 11.08	s 7.21	2.20				
18							0.8 WINE ASS'N (Spur)								
4							0.4 REKA								
22		6.10	f 8.06	f 4.54	f 12.48	f 7.13	1.8 TARN	f 8.36	f 10.57	f 7.11	1.40				
32		6.20	f 8.12	4.59	f 12.54	f 7.19	2.5 FARGO	f 8.31	f 10.51	f 7.06	1.30				
5							1.8 UVA (Spur)								
5							0.5 EFCCO (Spur)								
15		6.30	f 8.18	5.05	f 1.00	f 7.26	0.3 LACJAC	f 8.25	f 10.45	f 7.00	1.20				
							0.1 A. T. & S. F. CROSSING								
22							1.1 SAMUELS (Spur)								
31		7.05	s 8.25	s 5.13	s 1.08	s 7.33	0.8 REEDLEY	s 8.19	s 10.37	s 6.55	1.08				
60W		7.25 8.07	s 8.38	s 5.25	s 1.20	s 7.45	5.1 DINUBA	s 8.07	s 10.25	s 6.42	12.30PM				
9			f	f	f	f	2.2 SMYRNA	f	f	f					
32		8.25	s 8.49	f 5.37	s 1.31	s 7.55	2.4 MONSON	s 7.55	s 10.15	s 6.30	11.55				
							4.0 A. T. & S. F. CROSSING								
30		8.55	f 9.04	5.55	f 1.46	f 8.10	2.8 TAURUSA	f 7.38	f 10.00	f 6.15	11.30				
8			f 9.10	f 6.04	f 1.53	f 8.17	2.9 VENICE HILL	f 7.31	f 9.54	f 6.09					
30		9.15	9.11	6.07	1.54	8.18	0.4 KLINK	f 7.30	9.53	6.07	11.10				
3							1.1 DORSEY (Spur)								
9			f		f	f	1.4 ROCHE	f	f	f					
33		9.46	f 9.19	6.14	f 2.02	f 8.25	0.9 CAPLIN	f 7.21	f 9.46	f 6.00	10.50				
6							0.9 LORT (Spur)								
7							1.1 MUSK								
70WY		10.05AM	s 9.30PM	s 6.25PM	s 2.15PM	s 8.40AM	2.3 DN-R EXETER	s 7.10AM	s 9.35AM	s 5.50PM	10.30AM				
		Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	(51.9)	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday				

(5.25)
11.00

(2.10)
23.96

(2.15)
23.96

(2.10)
23.96

(2.10)
23.96

----- Time over District -----
----- Average speed per hour -----

(2.15)
23.06

(2.10)
23.96

(2.10)
23.96

(5.15)
9.88

Westward trains are superior to trains of same class in opposite direction.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward		FROM SAN FRANCISCO							Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Famoso	TOWARD SAN FRANCISCO						Westward						
		THIRD CLASS			FIRST CLASS							FIRST CLASS						THIRD CLASS						
Capacity of sidings in car lengths, and location of Scales, Fuel, Water, Turning and Telephone Stations.		242 Porterville Bakersfield Way Freight	238 Fresno Porterville Way Freight	234 Merchandise Special	90 San Francisco Bakersfield Passenger	96 Fresno Porterville Passenger	60 Goshen Junc. Springville Passenger	104 Fresno Famoso Passenger				92 Goshen Junc. Porterville Passenger	93 Porterville Fresno Passenger	7 Los Angeles San Francisco Passenger	97 Porterville Armona Passenger	63 Springville Lemoore Passenger	105 Famoso Fresno Passenger	109 Porterville Goshen Junc. Passenger	241 Bakersfield Porterville Way Freight	239 Porterville Fresno Way Freight				
		Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday							
70 WY			11.15AM	4.15AM	s 6.25PM	s 2.20PM	s 10.20AM	s 8.45AM	8.15AM	257.4	DN-R	EXETER 3.1		52.4	s 7.05AM	s 9.18AM	2.15PM	s 4.05PM	s 5.45PM	s 9.30PM			9.45AM	
11			11.30	4.25	f 6.35	f 2.28	f 10.28	f 8.53	8.22	260.5		BURR 2.3 (Spur)		49.3	f 6.57	9.10	f 2.03	f 3.57	f 5.37	f 9.22			9.27	
9										262.8		VANCE 1.5 (Spur)		47.0										
59			12.15PM	4.50	s 6.47	s 2.40	s 10.37	s 9.02	8.30	264.3	D	LINDSAY 1.2		45.5	s 6.50	s 9.02	s 1.56	s 3.50	s 5.30	s 9.15			9.12 8.05	
10										265.5		WADNA 0.3 (Spur)		44.3										
3										265.8		STOUT 2.6 (Spur)		44.0										
31			12.40	5.20	s 6.56	s 2.50	s 10.46	s 9.12	8.39	268.4	D	STRATHMORE 2.5		41.4	s 6.40	s 8.51	s 1.45	s 3.40	s 5.18	s 9.03			7.50	
23			12.55	5.30	f 7.02	f 2.55	f 10.51	f 9.18	8.45	270.9		ZANTE 1.3		38.9	f 6.34	8.45	f 1.39	f 3.34	f 5.13	f 8.58			7.30	
13										272.2		LISKO 1.5 (Spur)		37.6	f		f	f	f					
2										273.7		KURTH 1.1		36.1	f		f	f	f					
43 WY	7.30AM	1.20PM	6.00AM	s 7.15	s 3.05PM	s 11.00AM	s 9.30	s 9.00AM		274.8	D-R	PORTERVILLE 0.7		35.0	6.25AM	s 8.35	1.30PM	s 3.25PM	s 5.05	8.50PM			6.15 AM	7.15AM
9										275.5		BONAR 1.0 (Spur)		34.3										
17	7.40			7.20			f 9.35			276.5		PONCA 1.5		33.3		8.25		f 4.53				5.50		
31	7.45			f 7.23			f 9.38			278.0		LOIS 4.6		31.8	f 8.22			f 4.50				5.45		
32	8.13			s 7.35			s 9.48			282.6	D	TERRA BELLA 4.5		27.2	s 8.13			s 4.40				5.30		
29	8.50			s 7.47			s 10.00			287.1	D	DUCOR 2.9		22.7	s 8.03			s 4.31				5.10		
32	9.00			f 7.55			f 10.08			290.0		ORRIS 4.9		19.8	f 7.55			f 4.23				4.50		
16	9.25			f 8.05			f 10.19			294.9		RICHGROVE 4.1		14.9	f 7.45			f 4.14				4.30		
34	9.45			f 8.13			f 10.28			299.0		JASMIN 10.3		10.8	f 7.36			f 4.05				4.15		
99 TW	10.20AM			s 8.35PM			s 10.55AM			309.8	DN-R	FAMOSO (52.4)		0.0	s 7.15AM			3.45PM				3.45AM		
	(2.50) 12.35	(2.05) 8.35	(1.45) 9.94	(2.10) 24.18	(0.45) 23.20	(0.40) 26.10	(2.10) 24.18	(0.45) 23.20	.....Time over District..... .....Average speed per hour.....					(0.40) 26.10	(2.03) 25.56	(0.45) 23.20	(0.40) 26.10	(2.00) 26.10	(0.40) 26.10	(2.30) 14.00	(2.30) 12.57		

Westward trains are superior to trains of same class in opposite direction.

Eastward		FROM SAN FRANCISCO							Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Springville	TOWARD SAN FRANCISCO						Westward	
		FIRST CLASS										FIRST CLASS							
Capacity of sidings in car lengths, and location of Scales, Fuel, Water, Turning and Telephone Stations.							60 Goshen Junc. Springville Passenger	63 Springville Armona Passenger											
							Leave Daily	Arrive Daily	STATIONS	Arrive Daily									
43 WY							11.15AM	274.8	D-R	PORTERVILLE 3.1	15.9	s 3.05PM							
13							f 11.27	277.9		ADOBE 2.1 (Spur)	12.8	f 2.47							
28							f 11.36	280.0		WORTH 1.6	10.7	f 2.37							
300							f 11.43	281.6		MAGNESITE JUNC. 0.8 (Spur)	9.1	f 2.30							
90							f 11.50	282.4		SUCCESS 5.7	8.3	f 2.25							
6							f 12.15PM	288.1		CLAVICLE 2.6 (Spur)	2.6	f 2.02							
66 Y							s 12.30PM	290.7	R	SPRINGVILLE (15.9)	0.0	1.50PM							
							Arrive Daily				Leave Daily								
							(1.15) 12.72		.....Time over District..... .....Average speed per hour.....		(1.15) 12.72							

Westward trains are superior to trains of the same class in the opposite direction.
Exception. No. 60 is superior to No. 63.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward

FROM SAN FRANCISCO

Capacity of sidings in car tracks and location of Stables, Fuel, Water, Turning and Telephone Stations.	WFTOPY Yard	THIRD CLASS				FIRST CLASS								Distance from San Francisco
		252 Sunset Manifest Freight	212 Way Freight	248 Way Freight	242 Porterville Bakersfield Way Freight	26 The Owl	50 San Joaquin Valley Flyer	8 San Francisco Los Angeles Passenger	90 San Francisco Bakersfield Passenger	84 San Francisco Bakersfield Passenger	108 Los Angeles Express	82 Fresno Coalinga Passenger	86 Oil Fields Flyer	
		Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	
		2.30PM	5.00AM	3.30AM		11.25PM	10.55PM	6.30PM		3.55PM	8.00AM	7.20AM	6.20AM	205.5
	31									f	f			207.6
	36													208.3
		2.50	5.15	4.00		11.35	11.05	6.40		4.05	8.10	7.30	6.30	209.1
	80	2.53	5.25	4.05		11.37	11.07	s 6.42		s 4.07	s 8.13	s 7.32	6.32	210.4
	21													213.4
	100	3.10	6.00	4.30		11.45	11.15	s 6.52		s 4.15	s 8.25	s 7.40	6.40	215.1
	17									f	f			216.4
	25													219.6
	145W	3.38	6.50	4.45		11.53	f 11.25	s 7.05		s 4.27	s 8.38	s 7.53	f 6.50	220.7
	102W	4.00	7.45	5.00		11.59	f 11.34	s 7.18		s 4.37	s 8.50	s 8.04	6.58	225.6
	80	4.15	8.13	5.15		12.06AM	11.43	f 7.28		4.45	s 9.05	f 8.13	7.05	231.3
	80	4.20	8.38	5.20		12.09	11.46	7.32		4.48	9.08	8.16	7.08	233.7
	79WFF	4.45	8.55AM	5.35 6.20		12.16	s 11.57	s 7.42 7.55		s 5.03	s 9.15 9.25	s 8.25AM	s 7.17	239.1
	9													241.2
	80	5.13		6.40		12.24	12.05AM	f 8.05		5.13	f 9.35		7.26	245.6
														249.7
	109W	5.50		7.00 8.10		12.33	s 12.15	s 8.20		s 5.23	s 9.45		s 7.35	250.0
	80	6.10		8.30		12.43	12.25	8.30		5.33	f 9.55		7.45	255.8
	100W	6.30		9.10		12.49	12.31	s 8.40		s 5.40	s 10.05		7.52	260.4
	17										f			263.7
	79	6.50		9.45		12.57	12.39	s 8.52		s 5.50	s 10.16		8.02	266.8
	81	7.03		10.00		1.08	12.46	9.02		5.58	f 10.25		8.10	272.4
	80	7.14		10.12		1.14	12.51	9.07		6.03	f 10.31		8.16	276.5
	102W	7.20		10.39		1.20	12.58	s 9.18		s 6.09	s 10.39		f 8.23	280.7
	80	7.35		11.25		1.30	1.10	f 9.28		s 6.18	s 10.50		f 8.33	287.0
	6													290.9
	99TW	8.00		11.45	10.20AM	1.38	1.19	9.38	s 8.35PM	f 6.27	s 11.03		8.42	292.6
	80	8.10		11.55	10.35	1.42	1.23	9.42	f 8.40	6.32	f 11.08		8.47	295.9
	99	8.25		12.10PM	10.55	1.48	1.29	9.48	f 8.52	6.38	f 11.15		8.53	300.5
	80	8.45		12.30	11.05	1.55	1.36	9.55	f 9.00	6.45	f 11.23		9.00	305.8
	99	9.04		12.40	11.27	1.59	1.40	9.59	9.04	6.49	f 11.27		9.04	308.6
	74	9.25		1.02	11.37	2.03	1.44	10.03	9.08	6.53	11.32		9.08	311.1
	7													311.6
	Yard WFTYOP	10.00PM		1.15PM	11.50AM	s 2.10AM	s 1.51AM	s 10.10PM	s 9.15PM	s 7.00PM	f 11.39AM		9.15AM	312.9
		Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	

TIME TABLE
No. 127
November 10, 1915

STATIONS		Distance from San Francisco
DN-R	FRESNO 2.1		205.5
	CRAYCROFT (Spur) 0.7	207.6
	CALWA 0.8	208.3
	CALWA TOWER A.T. & S.F. Crossing 1.3	209.1
D	MALAGA 3.0	210.4
	HOVANT (Spur) 1.7	213.4
D	FOWLER 1.3	215.1
	STAR (Spur) 3.2	216.4
	WINEDALE 1.1	219.6
DN	SELMA 4.9	220.7
D	KINGSBURG 5.7	225.6
D	TRAVER 2.4	231.3
	CROSS 5.4	233.7
DN-R	GOSHEN JUNC. 2.1	239.1
	RING 4.4	241.2
	TAGUS 4.1	245.6
	A. T. & S. F. CROSSING 0.3	249.7
DN	TULARE 5.8	250.0
	OCTOL 4.6	255.8
D	TIPTON 3.3	260.4
	QUAIL 3.1	263.7
D	PIXLEY 5.6	266.8
	EARLIMART 4.1	272.4
	RADNOR 4.2	276.5
D	DELANO 6.3	280.7
D	McFARLAND 3.9	287.0
	HUNT (Spur) 1.7	290.9
DN-R	FAMOSO 3.3	292.6
	PAGE 4.6	295.9
	LERDO 5.3	300.5
	SACO 2.8	305.8
D-R	OIL JUNCTION 2.5	308.6
	NOME 0.5	311.1
	BREWERY (Spur) 1.3	311.6
DN-R	BAKERSFIELD (107.4)	312.9

Double Track

Automatic Block Signals.

(7.30) (3.55) (9.45) (1.30) (2.45) (2.56) (3.40) (0.40) (3.05) (3.39) (1.05) (2.55)
14.32 8.68 11.01 13.53 39.05 36.61 31.13 30.45 34.82 30.83 31.01 36.82

Time over District.
Average speed per hour.

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS
No. 8 stop all stations west of Bakersfield to receive passengers for stations east thereof.
No. 50 stop all stations to receive passengers for El Paso or east.

FRESNO AND BAKERSFIELD SUBDIVISION.

TOWARD SAN FRANCISCO

Westward

TIME TABLE

No. 127

November 10, 1915

Distance from Bakersfield

FIRST CLASS

THIRD CLASS

STATIONS	Distance from Bakersfield	FIRST CLASS								THIRD CLASS			
		25 The Owl	49 San Joaquin Valley Flyer	83 Bakersfield San Francisco Passenger	7 Los Angeles San Francisco Passenger	51 Bakersfield San Francisco Passenger	107 Fresno Express	89 Coalinga Fresno Passenger	87 Oilfields Flyer	241 Bakersfield Porterville Way Freight	213 Way Freight	247 Way Freight	251 Sunset Manifest Freight
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	
DN-R FRESNO 2.1	107.4	s 2.55AM	s 4.50AM	s 9.33AM	s 11.45AM	s 4.08PM	s 6.55 PM	s 9.10PM	s 11.45PM		2.15PM	3.55PM	9.00PM
CRAFCROFT (Spur) 0.7	105.3												
CALWA 0.8	104.6							f					
CALWA TOWER A. T. & S. F. Crossing 1.3	103.8	2.42	4.40	9.21	11.30	3.58	6.38	8.55	11.28		1.45	3.30	8.20
D MALAGA 3.0	102.5	2.40	4.38	f 9.19	s 11.27	3.56	s 6.35	f 8.53	11.25		1.40	3.25	8.15
HOVANT (Spur) 1.7	99.5												
D FOWLER 1.3	97.8	2.32	4.30	s 9.11	s 11.15	s 3.48	s 6.25	s 8.45	11.15		1.20	3.10	8.00
STAR (Spur) 3.2	96.5						f	f					
WINEDALE 1.1	93.3												
DN SELMA 4.9	92.2	2.22	4.21	s 9.00	s 11.02	s 3.38	s 6.13	s 8.34	f 11.00		12.45PM	2.50	7.45
D KINGSBURG 5.7	87.3	2.14	4.13	s 8.50	s 10.47	s 3.29	s 6.00	s 8.23	10.51		11.45	2.30	7.18
D TRAVER 2.4	81.6	2.07	4.05	8.41	f 10.34	3.20	s 5.50	f 8.13	10.43		10.55	2.10	6.50
CROSS 5.4	79.2	2.04	4.02	8.38	10.30	3.17	5.45	8.10	10.40		10.50	2.00	6.40
DN-R GOSHEN JUNG. 2.1	73.8	1.57	s 3.53	s 8.30	s 10.20AM	s 3.10	s 5.35	s 8.00PM	s 10.30		10.30AM	1.40	6.10
RING 4.4	71.7												
TAGUS 4.1	67.3	1.49	3.39	8.18		2.59	f 5.13		10.18		12.35	5.13	
A. T. & S. F. CROSSING 0.3	63.2												
DN TULARE 5.8	62.9	1.41	s 3.31	s 8.10		s 2.51	s 5.03		s 10.10		12.15PM	4.45	
OCTOL 4.6	57.1	1.31	3.19	7.59		2.41	f 4.43		10.00		11.05	4.25	
D TIPTON 3.3	52.5	1.25	3.12	s 7.52		f 2.35	s 4.36		9.54		10.45	4.05	
QUAIL 3.1	49.2			f			f						
D PIXLEY 5.8	46.1	1.16	3.04	s 7.42		2.26	s 4.25		9.45		9.45	3.34	
EARLMART 4.1	40.5	1.08	2.56	f 7.34		2.19	f 4.14		9.36		9.28	3.20	
RADNOR 4.2	36.4	1.03	2.51	7.28		2.14	f 4.07		9.30		9.15	3.06	
D DELANO 6.3	32.2	12.58	2.45	s 7.23		f 2.09	s 4.01		f 9.18		9.00	2.57	
D McFARLAND 3.9	25.9	12.50	2.36	s 7.14		s 2.00	s 3.50		f 9.09		8.33	2.40	
HUNT (Spur) 1.7	22.0												
DN-R FAMOSO 3.3	20.3	12.43	2.29	7.07	s 7.15AM	f 1.53	s 3.41		9.02	3.35AM	7.55	2.25	
PAGE 4.6	17.0	12.38	2.25	7.03	f 7.10	1.48	f 3.35		8.58	3.25	7.40	2.15	
LERDO 5.3	12.4	12.32	2.19	6.57	f 7.03	1.42	f 3.29		8.52	3.05	7.30	1.42	
SACO 2.8	7.1	12.25	2.12	6.50	6.55	1.35	f 3.21		8.45	2.45	7.17	1.17	
D-R OIL JUNCTION 2.5	4.3	12.21	2.08	6.46	f 6.51	1.31	f 3.17		8.41	2.33	7.10	1.10	
NOME 0.5	1.8	12.17	2.03	6.42	6.47	1.27	3.12		8.37	2.25	7.02	1.02	
BREWERY (Spur) 1.3	1.3												
DN-R BAKERSFIELD (107.4)	0.0	12.10AM	1.51AM	6.35AM	6.40AM	1.20PM	3.05PM		8.30PM	2.15AM	6.50AM	12.50PM	
		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday	Leave Daily

Automatic Block Signals

(Runs via Porterville)

Time over District	(2.45)	(2.59)	(2.58)	(2.00)	(2.48)	(3.50)	(1.10)	(3.15)	(1.20)	(3.45)	(9.05)	(8.10)
Average speed per hour	39.05	36.00	36.18	26.95	38.35	29.29	28.80	33.04	15.22	8.96	13.56	13.15

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS.
No. 7 stop all stations west of Bakersfield to discharge passengers from stations east thereof.

BAKERSFIELD AND MOJAVE SUBDIVISION

Eastward

FROM SAN FRANCISCO

Capacity of sidings in car lengths and location of Scales, Fuel Water, Turning and Telephone Stations.	THIRD CLASS			SECOND CLASS			FIRST CLASS										Distance from San Francisco
	334 Santa Fe Freight	340 Freight	342 Way Freight	338 Freight	252 Sunset Manifest Freight	308 Bakersfield McKittrick Mixed	306 Bakersfield Orig. Mixed	8 San Francisco Los Angeles Passenger	122 Santa Fe Overland Express	108 Los Angeles Express	114 Santa Fe California Limited	112 Santa Fe Tourist Express	26 The Owl	50 San Joaquin Valley Flyer	116 Santa Fe The Angel		
	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Sunday Only	Leave Daily Ex. Sunday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	
WFTYOP Yard			8.35AM	3.05AM	12.10AM	8.15AM	7.30AM	10.30PM		12.01PM			2.17AM	2.00AM		312.9	
P	5.05PM	10.40AM	8.40	3.10	12.15	8.20AM	7.35AM	10.33	6.33PM	12.04	10.25AM	8.30AM	2.20	2.03	12.10AM	313.6	
79 P	5.15	10.50	8.50	3.20	12.25			10.38	6.38	12.08	10.30	8.35	2.25	2.08	12.15	317.0	
74 P	5.25	11.00	9.10	3.30	12.35			\$10.45	6.42	\$12.14	10.34	8.40	2.30	2.13	12.20	320.1	
65 P	5.40	11.15	9.25	3.45	12.50			†10.58	6.50	†12.23	10.42	8.48	2.38	2.22	12.27	325.0	
74 PW	5.47	11.22	9.35	3.52	1.02			†11.04	6.55	†12.28	10.47	8.53	2.43	2.26	12.32	327.9	
71 P	5.55	11.30	9.45	4.00	1.15			11.10	7.01	12.35	10.53	8.59	2.49	2.31	12.38	331.3	
East 76 PW West 71	6.25	12.01PM	10.20	4.30	1.45			\$11.25	\$ 7.14	\$12.50	\$11.05	\$ 9.10	3.02	2.39	12.46	335.2	
73 P	6.40	12.15	10.35	4.45	2.00			11.40	7.23	12.58	11.14	9.20	3.11	2.48	12.55	338.2	
East 68 PW West 50	6.55	12.30	10.50	5.00	2.15			11.50	7.31	† 1.07	11.22	9.30	3.18	2.55	1.03	340.5	
27 P	7.05	12.40	11.00	5.10	2.25			11.57	7.37	1.12	11.28	9.38	3.24	3.01	1.10	342.3	
East 69 M24 West 67 P	7.25	1.00	11.20	5.30	2.48			12.12AM	7.49	† 1.23	11.39	9.51	3.35	3.10	1.20	345.5	
4																347.7	
71 PW House 71	8.00	1.35	11.49	6.05	3.23			\$12.25	8.00	\$ 1.35	11.49	10.03	3.46	3.23	1.32	348.8	
60 P	8.20	1.55	12.10PM	6.25	3.40			12.50	8.10	1.50	11.59	10.15	3.56	3.34	1.41	351.8	
East 77 PW West 42	8.35	2.10	12.25	6.40	3.53			1.00	8.17	† 2.00	12.06PM	10.25	4.05	3.43	1.48	354.1	
10																354.9	
71 P	8.50	2.25	12.40	6.55	4.13			1.10	8.25	† 2.08	12.14	10.35	4.13	3.53	1.56	356.7	
170 PW	9.20	2.50	1.00 1.40	7.30	5.00			\$ 1.30	\$ 8.41	\$ 2.23	\$12.28	\$10.52	4.28	† 4.03	2.05	360.6	
121 PY	9.40	3.30	2.00	8.00	5.30			1.35	8.46	2.26	12.32	10.56	4.32	4.07	2.09	362.4	
13																364.4	
33								† 1.40		† 2.30						365.0	
71 P	10.16	3.45	2.35	8.30	5.50			1.45	8.53	2.35	12.39	11.06	4.38	4.13	2.15	367.1	
24 YP																368.0	
95 PW	10.30	4.00	2.55	8.50	6.10			1.50	8.57	† 2.40	12.45	11.13	4.44	4.17	2.20	369.9	
72 P	10.45	4.15	3.10	9.05	6.35			1.55	9.02	2.45	12.50	11.18	4.49	4.22	2.25	372.7	
53 P	11.07	4.30	3.30	9.25	6.50			2.00	9.07	† 2.50	12.55	11.23	4.54	4.27	2.30	375.4	
71 P	11.20	4.50	3.45	9.40	7.05			2.05	9.12	2.55	1.00	11.28	4.59	4.32	2.35	377.8	
8																379.1	
48																379.5	
Yard WFTYOP	11.55PM	5.30PM	4.05PM	9.55AM	7.25AM			\$ 2.15AM	\$ 9.17PM	\$ 3.00PM	\$ 1.05PM	\$11.35AM	\$ 5.05AM	\$ 4.37AM	2.40AM	380.7	

TIME TABLE
No. 127
November 10, 1915

STATIONS		Distance from San Francisco
DN-R	BAKERSFIELD	0.7
DN-R	KERN JUNC.	3.4
	MAGUNDEN	3.1
DN	EDISON	4.9
N	SIVERT	2.9
D	BENA	3.4
	ILMON	3.9
DN	CALIENTE	3.0
	ALLARD	2.3
DN	BEALVILLE	1.8
	CLIFF	3.2
DN	ROWEN	2.2
	TAMAR (Spur)	1.1
DN	WOODFORD	3.0
	WALONG	2.3
DN	MARCEL	0.8
	SEDWELL (Spur)	1.8
	CABLE	3.9
DN-R	TEHACHAPI	1.8
	SUMMIT	2.0
	SULLIVAN (Spur)	0.6
	MONOLITH	2.1
	PROCTOR	0.9
	ERIC (Wye)	1.9
DN	CAMERON	2.8
DN	LAROSE	2.7
DN	WARREN	2.4
DN	FRAM	1.3
	RESERVOIR (Spur)	0.4
	SAGE (Spur)	1.2
DN-R	MOJAVE	(67.8)

Automatic Block Signals

(6.50) 9.81	(6.50) 9.81	(7.30) 9.92	(6.50) 9.92	(7.15) 9.25	(0.05) 8.40	(0.06) 8.40	(3.45) 18.08	(2.44) 24.54	(2.59) 22.72	(2.40) 25.16	(3.05) 21.76	(2.48) 24.21	(2.37) 25.90	(2.30) 26.84	-----Time over District----- -----Average speed per hour-----	
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Westward trains are superior to trains of the same class in the opposite direction.

A third class or extra train meeting a third class or extra train at Tehachapi under time table or train order superiority will consider the cut off switch directly in front of the telegraph office the point at which the inferior train will take siding.

ADDITIONAL STOPS
No. 50 stop all stations to receive passengers for El Paso or east.

BAKERSFIELD AND MOJAVE SUBDIVISION.

TIME TABLE

No. 127

November 10, 1915

TOWARD SAN FRANCISCO

Westward

Automatic Block Signals

STATIONS	Distance from Mojave	TOWARD SAN FRANCISCO													
		FIRST CLASS							SECOND CLASS			THIRD CLASS			
		7 Los Angeles San Francisco Passenger	117 Santa Fe Mail and Express	113 Santa Fe California Limited	107 Fresno Express	121 Santa Fe Passenger	25 The Owl	115 Santa Fe The Saint	49 San Joaquin Valley Flyer	307 Olig Bakersfield Mixed	309 McKittrick Bakersfield Mixed	341 Way Freight	251 Sunset Manifest Freight	253 Freight	333 Santa Fe Freight
Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Sunday Only	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		
DN-R BAKERSFIELD 0.7	67.8	1 6.00AM			s 2.55PM		s 12.05AM		s 1.45AM	s 4.00PM	s 5.00PM				
DN-R KERN JUNG. 3.4	67.1	5.55	7.43AM	1.00PM	2.52	7.33PM	12.01AM	1.25AM	1.41	3.45PM	4.55PM				
MAGUNDEN 3.1	68.7	5.50	7.38	12.55	2.47	7.27	11.56	1.19	1.36						
DN EDISON 4.9	60.6	s 5.45	7.34	12.51	s 2.42	7.22	11.52	1.14	1.31						
N SIVERT 2.9	55.7	5.37	7.27	12.45	f 2.35	7.14	11.45	1.07	1.25						
D BENA 3.4	52.8	5.31	7.21	12.40	f 2.30	7.08	11.40	1.02	1.20						
ILMON 3.9	49.4	5.25	7.15	12.35	2.24	7.01	11.34	12.56	1.15						
DN CALIENTE 3.0	45.5	s 5.15	s 7.06	s 12.24	s 2.15	s 6.48	11.25	12.46	1.06						
ALLARD 2.3	42.5	5.06	6.58	12.15	2.07	6.40	11.15	12.35	12.55						
DN BEALVILLE 1.8	40.2	f 5.00	6.53	12.10	s 2.01	6.34	11.10	12.30	12.50						
CLIFF 3.2	38.4	4.54	6.48	12.05PM	1.54	6.28	11.06	12.22	12.45						
DN ROWEN 2.2	35.2	4.46	6.40	11.58	f 1.45	6.20	10.59	12.12	12.35						
TAMAR (Spur) 1.1	33.0														
DN WOODFORD 3.0	31.9	s 4.37	6.32	11.49	s 1.35	6.10	10.51	12.03AM	12.25						
WALONG 2.3	28.9	4.29	6.25	11.40	1.28	6.03	10.45	11.57	12.18						
DN MARCEL 0.8	26.6	4.23	6.20	11.35	f 1.23	5.57	10.40	11.52	12.13						
SEDWELL (Spur) 1.8	25.8														
CABLE 3.9	24.0	4.13	6.14	11.29	f 1.17	5.50	10.34	11.46	12.07AM						
DN-R TEHACHAPI 1.8	20.1	s 4.03	s 6.04	s 11.19	s 1.08	s 5.40	10.25	11.37	f 11.58		4.40AM	7.30AM	2.10PM	9.18PM	
SUMMIT 2.0	18.3	3.50	5.57	11.13	1.00	5.32	10.22	11.34	11.55		4.32	7.20	2.00	9.08	
SULLIVAN (Spur) 0.6	16.3														
MONOLITH 2.1	15.7	f 3.44			f 12.56						4.18				
PROCTOR 0.9	13.6	3.40	5.50	11.06	12.52	5.25	10.16	11.28	11.49		4.13	7.05	1.40	8.53	
ERIC (Wye) 1.9	12.7														
DN CAMERON 2.8	10.8	f 3.34	5.42	11.00	f 12.45	5.20	10.11	11.22	11.43		4.00	6.50	1.25	8.40	
DN LAROSE 2.7	8.0	3.23	5.34	10.52	12.34	5.10	10.04	11.15	11.36		3.45	6.35	1.10	8.25	
DN WARREN 2.4	5.3	3.11	5.25	10.44	f 12.25	5.00	9.56	11.07	11.28		3.30	6.20	12.55	8.10	
DN FRAM 1.3	2.9	2.59	5.15	10.35	12.15	4.50	9.47	10.59	11.20		3.15	6.05	12.40	7.55	
RESERVOIR (Spur) 0.4	1.6														
SAGE (Spur) 1.2	1.2														
DN-R MOJAVE (67.8)	0.0	2.45AM	5.05AM	10.25AM	f 12.05PM	4.40PM	9.38PM	10.50PM	11.10PM		2.55AM	5.45AM	12.20PM	7.35PM	
		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Sunday Only	Leave Daily	Leave Daily	Leave Daily	

Time over District	(3.15)	(2.38)	(2.35)	(2.50)	(2.53)	(2.27)	(2.35)	(2.35)	(0.05)	(0.05)	(1.45)	(1.45)	(1.50)	(1.43)
Average speed per hour	20.86	25.48	25.97	23.92	23.27	27.67	25.97	26.24	8.40	8.40	11.49	11.49	10.96	11.70

Westward trains are superior to trains of the same class in the opposite direction.

A third class or extra train meeting a third class or extra train at Tehachapi under time table or train order superiority will consider the cut off switch directly in front of the telegraph office the point at which the inferior train will take siding.

MOJAVE AND SAUGUS SUBDIVISION

Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.		FROM SAN FRANCISCO						Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Saugus	TOWARD SAN FRANCISCO				Westward	
		THIRD CLASS		FIRST CLASS							FIRST CLASS				THIRD CLASS	
		252 Sunset Manifest Freight	264 Way Freight	108 Los Angeles Express	26 The Owl	50 San Joaquin Valley Flyer	8 San Francisco Los Angeles Passenger				107 Fresno Express	25 The Owl	49 San Joaquin Valley Flyer	7 Los Angeles San Francisco Passenger	251 Sunset Manifest Freight	263 Way Freight
Yard	WFTOPY	Leave Daily	Leave Daily Ex. Monday	Leave Daily	Leave Daily	Leave Daily	Leave Daily	STATIONS	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Except Monday		
		8.30AM	6.00AM	3.10PM	5.15AM	4.47AM	2.35AM	DN-R MOJAVE 4.1	69.9	11.45AM	9.30PM	11.00PM	2.30AM	4.42AM	12.35PM	
	17			f				FLETA (Spur) 2.5	65.8	f						
	70	8.50	6.25	f 3.20	5.25	4.57	2.50	GLOSTER 7.0	63.3	f 11.30	9.15	10.46	2.12	4.15	11.50	
	70 P	9.10	6.45	s 3.30	5.35	5.08	f 3.05	D ROSAMOND 5.6	56.3	s 11.16	9.03	10.34	f 1.58	3.55	11.16	
	70 W	9.25	7.05	f 3.38	5.43	5.16	3.15	OBAN 5.6	50.7	f 11.08	8.56	10.27	1.48	3.40	10.30	
	92 W	9.55	8.00	s 3.50	5.50	5.24	s 3.25	DN-R LANCASTER 4.3	45.1	s 11.00	8.49	f 10.20	s 1.38	3.25	9.55	
	70	10.15	8.20	f 3.57	5.57	5.31	3.35	DENIS 4.0	40.8	f 10.53	8.43	10.14	1.23	3.04	9.15	
	70 WFY	10.47	9.00	s 4.07	6.03	5.37	s 3.50	DN-R PALMDALE 2.5	36.8	s 10.47	8.38	f 10.09	s 1.17	2.56	9.00	
	70	11.10	9.15	f 4.14	6.09	5.42	3.58	HAROLD 4.2	34.3	f 10.41	8.34	10.03	1.09	2.47	8.05	
	106 PY	11.50	9.50	f 4.28	6.25	5.57	4.20	VINCENT 4.5	30.1	f 10.34	8.26	9.55	1.02	2.33	7.50	
	70	12.10PM	10.17	4.37	6.34	6.07	4.30	BERLIN 1.1	25.6	10.17	8.11	9.41	12.45	2.00	7.20	
		12.15	10.30	s 4.40	6.37	6.10	f 4.35	D ACTON 2.9	24.5	s 10.13	8.08	9.38	f 12.42	1.55	7.10	
	86 W	12.50	11.05	s 4.48	6.43	6.16	s 4.45	DN RAVENNA 5.6	21.6	s 10.05	8.00	9.31	f 12.34	1.45	6.43 6.11	
	70	1.15	11.25	f 5.00	6.55	6.28	5.00	RUSS 1.4	16.0	f 9.46	7.44	9.16	12.12	1.15	5.40	
	20							ALPINE (Spur) 2.3	14.6							
	74 W	1.40	12.01PM	s 5.10	7.05	6.38	f 5.10	DN LANG 4.3	11.8	s 9.35	7.35	9.06	f 12.02AM	12.55	5.10	
	64	1.55	12.20	f 5.19	7.14	6.47	f 5.20	HUMPHREYS 3.8	7.5	f 9.25	7.26	8.56	f 11.52	12.30	4.25	
	71	2.10	12.40	f 5.26	7.22	6.55	f 5.30	HONBY 3.7	3.7	f 9.15	7.18	8.48	11.43	12.15	4.05	
	87 WFY	2.30PM	1.00PM	s 5.35PM	7.30AM	7.05AM	s 5.40AM	DN-R SAUGUS	0.0	s 9.05AM	f 7.10PM	s 8.40PM	s 11.35PM	12.01AM	3.45AM	
		Arrive Daily	Arrive Daily Ex. Monday	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	(69.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Except Monday	

(6.00) 11.67	(7.00) 9.99	(2.25) 28.92	(2.15) 31.06	(2.18) 30.39	(3.05) 22.67	.....Time over District.....	(2.40) 26.21	(2.20) 29.96	(2.20) 29.96	(2.55) 23.96	(4.41) 14.92	(8.50) 8.42
						.....Average speed per hour.....						

Westward trains are superior to trains of the same class in the opposite direction.

ADDITIONAL STOPS.
 No. 50 stop all stations to receive passengers for El Paso or east.
 No. 25 stop Saugus to receive passengers for Oakland and San Francisco.

MOJAVE AND SAUGUS SUBDIVISION.

Eastward		FROM SAN FRANCISCO				SECOND CLASS		TIME TABLE		TOWARD SAN FRANCISCO		Westward	
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	WFTYOP Yard					402 Mixed		No. 127 November 10, 1915		401 Mixed			
						Leave Daily		STATIONS		Arrive Daily			
						Distance from San Francisco				Distance from Owens			
					11.30PM	380.7	DN-R	MOJAVE 1.3	143.5	s	1.30AM		
	63				f 11.36	380.8		CHAFFEE 3.2	142.2	f	1.20		
	64				f 11.46	384.0		CAMBIO 4.3	139.0	f	1.10		
	63				f 11.56	388.3		TRESCAPE 4.6	134.7	f	12.55		
	64				f 12.06AM	392.9		NEURALIA 4.4	130.1	f	12.40		
	63				f 12.20	397.3		CINCO 5.2	125.7	f	12.20AM		
	East 63W West 64				s 12.35	402.5		CANTIL 2.8	120.5	s	11.55		
	14				f	405.3		GYPSITE (Spur) 2.2	117.7	f			
	64				f 12.50	407.5		CENEDA 1.0	115.5	f	11.40		
	6				f	408.5		SALTDALE (Spur) 3.7	114.5	f			
	East 64 Y West 88				f 1.02	412.2		GARLOCK 4.2	110.8	f	11.25		
	64				f 1.20	416.4		GOLER 4.1	106.6	f	11.12		
	65				f 1.45	420.5		RAND 4.1	102.5	f	11.00		
	64				f 2.05	424.6		TEAGLE 3.8	98.4	f	10.45		
	74 Y				f 2.30	428.4	DN	SEARLES 4.4	94.6	f	10.30		
	64				f 2.42	432.8		RADEMACHER 5.5	90.2	f	10.10		
	69				f 2.56	438.8		CODE 4.1	84.7	f	9.55		
	63				f 3.05	442.4		TERESE 4.8	80.6	f	9.40		
	64				s 3.20	447.2	DN	INYOKERN 4.5	75.8	s	9.25		
	65				s 3.32	451.7		LELITER 4.6	71.3	s	9.05		
	64				s 3.50	456.3	DN	BROWN 4.4	66.7	s	8.50		
	East 63 Y West 89				f 4.05	460.7		LINNIE 3.6	62.3	f	8.32		
	63				f 4.18	464.3		NARKA 2.0	58.7	f	8.20		
	5					466.3		SODAN (Spur) 2.0	56.7				
	65				s 4.35	468.3		LITTLE LAKE 3.2	54.7	s	8.10		
	East 63 Y West 63				f 4.50	471.5		MABEL 4.1	51.5	f	8.00		
	64				f 5.05	475.6		SYKES 2.2	47.4	f	7.50		
	6					477.8		LANSON (Spur) 2.1	45.2				
	64				f 5.15	479.9		TALUS 4.2	43.1	f	7.40		
	63W				f 5.35	484.1		HAIWEE 4.4	38.9	f	7.28		
	71				f 5.48	488.5		LOCO 4.8	34.5	f	7.15		
	64				f 6.00	493.3		OLANCHA 4.4	29.7	s	7.05		
	69				f 6.10	497.7		CARTAGO 4.6	25.3	f	6.50		
	69				f 6.20	502.3		MONACHEE 4.0	20.7	f	6.40		
	68				f 6.32	506.3		BRIER 4.0	16.7	f	6.27		
	69				f 6.45	510.3		CARROLL 4.0	12.7	f	6.15		
	69				f 6.55	514.3		DIAZ 4.5	8.7	f	6.05		
	East 69 West 73				s 7.20	518.8		LONE PINE 4.2	4.2	s	5.50		
	135FY				f 7.45AM	528.0	D-R	OWENYO (143.5)	0.0	f	5.35PM		
					Arrive Daily					Leave Daily			

(8.15) ----- Time over District ----- (7.55)
 17.39 ----- Average speed per hour ----- 18.14

Westward trains are superior to trains of the same class in the opposite direction.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward

FROM SAN FRANCISCO

THIRD CLASS

FIRST CLASS

Table with columns for station numbers (48, 4, 22, 84, 53, 28, 57, 64, 18, 87, 23, 29, 5, 58, 70, 75, 79) and train numbers (246, 250, 312, 154, 88, 70, 132, 66, 64, 72, 94). Includes departure times and arrival times.

Distance from San Francisco

TIME TABLE

No. 127

November 10, 1915

STATIONS

Table listing stations: R ALCALDE, LE ROY, CRUMP (Spur), D-R COALINGA, ORA, TURK, HURON, HENRIETTA, LETHENT, R ROSSI, HEINLEN, D LEMOORE, ORION, D-R ARMONA, A. T. & S. F. CROSSING, D HANFORD, REMNOY, DN-R GOSHEN JUNC. (60.4)

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 94 is superior to Nos. 65 and 85. Nos. 70 and 88 are superior to No. 69. No. 246 is superior to No. 245.

FRESNO AND BAKERSFIELD SUBDIVISION.

FROM SAN FRANCISCO

Eastward

THIRD CLASS

FIRST CLASS

Table with columns for station numbers (79, 10, 27, 54, 25, 5, 16, 21, 7, 70) and train numbers (312, 154, 520, 68, 518, 132, 516, 64, 514, 510, 508, 506, 60, 94, 504, 92, 110). Includes departure times and arrival times.

Distance from San Francisco

TIME TABLE

No. 127

November 10, 1915

STATIONS

Table listing stations: DN-R GOSHEN JUNC., FAXON (No Siding), JACOBS (Spur), WEST VISALIA, D-R VISALIA, A. T. & S. F. CROSSING, AMBLER (Spur), RECTOR, D FARMERSVILLE, GIANT OAK, LUNA, DN-R EXETER (17.9)

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 64 is superior to No. 71. No. 132 is superior to No. 67.

FRESNO AND BAKERSFIELD SUBDIVISION

TOWARD SAN FRANCISCO

Westward

TIME TABLE

No. 127

November 10, 1915

Distance from Goshen Jct.

STATIONS	Distance from Goshen Jct.	FIRST CLASS										THIRD CLASS						
		153 Goshen Junc. Ingle Fresno Passenger	131 Visalia Kerman Passenger	65 Visalia Armona Passenger	85 Fresno Coalinga Passenger	61 Visalia Stratford Mixed	97 Porterville Armona Passenger	63 Springville Lemoore Passenger	69 Goshen Junc. Coalinga Passenger	311 Coalinga Alcalde Passenger	249 Goshen Junc. Coalinga Way Freight	245 Goshen Junc. Kerman Way Freight						
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
R ALCALDE 1.2	60.4																	
LE ROY 2.2	59.2																	
CRUMP 1.5 (Spur)	57.0																	
D-R GOALINGA 1.7	55.5				s10.40AM													
ORA 6.7	53.8				f10.33													
TURK 7.3	47.1				f10.15													
D HURON 6.6	39.8				s10.00													
HENRIETTA 6.7	33.2				f 9.46													
LETHENT 2.9	26.5				f 9.33													
R ROSSI 1.1	23.6				s 9.28	s11.20AM												
HEINLEN 1.5 (Spur)	22.5				f 9.25	f11.15												
D LEMOORE 2.7	21.0				s 9.21	s11.10												
ORION 2.1 (Spur)	18.3				f	f												
D-R ARMONA 3.1	16.2	s 4.55AM	s 6.55AM	s 8.45AM	s 9.10	s10.57	s 3.50PM	s 6.00	s 8.35									
A. T. & S. F. CROSSING 0.3	13.1																	
D HANFORD 5.1	12.8	s 4.45	s 6.46	s 8.35	s 9.00	s10.46	s 3.39	s 5.50	s 8.25									
REMNOY 7.7	7.7	f 4.32	f 6.37	f 8.27	f 8.50	f10.34	f 3.27	f 5.42	f 8.13									
DN-R GOSHEN JUNG. 7.7	0.0	4.20AM	6.25AM	8.15AM	8.35AM	10.20AM	3.15PM	5.30PM	8.00PM									
(60.4)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Wed. Only								

Time over District	(0.35)	(0.30)	(0.30)	(2.05)	(1.00)	(0.35)	(0.50)	(2.00)	(0.25)	(7.00)	(1.15)
Average speed per hour	27.78	32.40	32.40	26.64	28.60	27.77	28.32	27.75	11.77	11.09	19.44

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 94 is superior to Nos. 65 and 85. Nos. 70 and 88 are superior to No. 69. No. 246 is superior to No. 245.

FRESNO AND BAKERSFIELD SUBDIVISION

TOWARD SAN FRANCISCO

Westward

TIME TABLE

No. 127

November 10, 1915

Distance from Exeter

STATIONS	Distance from Exeter	FIRST CLASS																	
		131 Visalia Kerman Passenger	503 Visalia Electric Passenger	65 Visalia Armona Passenger	505 Visalia Electric Passenger	61 Visalia Stratford Mixed	7 Los Angeles San Francisco Passenger	507 Visalia Electric Passenger	509 Visalia Electric Passenger	97 Porterville Armona Passenger	511 Visalia Electric Passenger	63 Springville Lemoore Passenger	513 Visalia Electric Passenger	71 Exeter Visalia Passenger	67 Exeter Goshen Junc. Passenger	517 Visalia Electric Passenger	99 Fresno Goshen Junc. Passenger	109 Porterville Goshen Junc. Passenger	519 Visalia Electric Passenger
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
DN-R GOSHEN JUNG. 3.7	17.9	s6.20AM		s8.10AM		s9.20AM	s10.15AM												
FAXON (No Siding) 1.5	14.2			f															
JACOBS 2.1 (Spur)	12.7																		
WEST VISALIA 0.5	10.6																		
D-R VISALIA 0.1	10.1	6.00AM	s7.45AM	7.50AM	s8.50AM	9.00AM	s 9.50	s10.55AM	s 1.18PM	s2.45	s3.20PM	s4.30	s5.05PM	s6.20PM	7.20 s6.55	s7.55PM	s10.00	11.15 s10.10	s10.25PM
A. T. & S. F. CROSSING 2.0	10.0																		
AMBLER 2.1 (Spur)	8.0		f7.37		f8.42		9.41	f10.47	f 1.10	2.36	f3.12	4.22	f4.57	6.12	6.47	f7.47	9.51	10.02	f10.17
RECTOR 1.7	5.9													f					
D FARMERSVILLE 1.2	4.2		s7.31		s8.36		f 9.35	s10.41	s 1.04	f2.30	s3.06	s4.16	s4.51	s6.06	s6.41	s7.41	s 9.45	s 9.56	s10.11
GIANT OAK 0.9	3.0		f7.28		f8.33		9.32	f10.38	f 1.01	2.28	f3.03	f4.13	f4.48	f6.03	6.38	f7.38	f 9.43	f 9.53	f10.08
LUNA 2.1	2.1		f7.26		f8.31		9.30	f10.36	f12.59	2.26	f3.01		f4.46			f7.36		9.51	f10.06
DN-R EXETER 2.1	0.0		7.20AM		8.25AM		9.23AM	10.30AM	12.53PM	2.20PM	2.55PM	4.05PM	4.40PM	5.55PM	6.30PM	7.30PM	9.35PM	9.45PM	10.00PM
(17.9)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily

Time over District	(0.20)	(0.25)	(0.20)	(0.25)	(0.20)	(0.48)	(0.25)	(0.25)	(0.45)	(0.25)	(0.45)	(0.25)	(0.25)	(1.10)	(0.25)	(0.50)	(1.50)	(0.25)
Average speed per hour	23.40	24.24	23.40	24.24	23.40	22.37	24.24	24.24	23.86	24.24	23.86	24.24	24.24	23.86	24.24	21.48	23.86	24.24

Westward trains are superior to trains of the same class in the opposite direction. Exceptions: No. 64 is superior to No. 71. No. 132 is superior to No. 67.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward		FROM SAN FRANCISCO				Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Armona	TOWARD SAN FRANCISCO				Westward	
		THIRD CLASS		FIRST CLASS					FIRST CLASS		THIRD CLASS			
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.		150 Ingle Armona Mixed Leave Daily Ex. Sunday	246 Kerman Goshen Junc. Way Freight Leave Daily Ex. Sunday	154 Fresno Ingle Visalia Passenger Leave Daily	132 Kerman Exeter Passenger Leave Daily				131 Visalia Kerman Passenger Arrive Daily	153 Goshen Junc. Ingle Fresno Passenger Arrive Daily	245 Goshen Junc. Kerman Way Freight Arrive Daily Ex. Sunday	151 Armona Ingle Mixed Arrive Daily Ex. Sunday		
73 WYP			6.45AM		3.00PM	193.0	DN-R KERMAN 6.7	36.1	s 8.00AM		2.55PM			
80			7.05		f 3.10	199.7	McMULLIN 5.4	29.4	f 7.46		2.30			
57			7.36		s 3.20	205.1	D RAISIN CITY 5.6	24.0	s 7.36		2.10			
63			8.00		s 3.30	210.7	D CARUTHERS 6.1	18.4	s 7.27		1.45			
57 W			8.20		f 3.40	216.8	CANDO 3.5	12.3	f 7.15		1.25			
						220.3	LATON AND WESTERN RY. CROSSING 0.3	8.8						
58			8.30		f 3.47	220.6	LILLIS 2.4	8.5	f 7.10		1.10			
59		s 12.15PM	8.45		s 4.00	223.0	D-R HARDWICK 2.3	6.1	s 7.07	q 5.15AM	1.00	s 1.10PM		
22		12.23	8.52		f 4.05	225.3	KIMBLE 3.8	3.8	f 7.01	f 5.08	12.45	1.00		
58 WYP		s 12.35PM	9.05AM		s 4.15PM	229.1	D-R ARMONA (36.1)	0.0	s 6.55AM	s 5.00AM	12.35PM	s 12.50PM		
		Arrive Daily Ex. Sunday	Arrive Daily Ex. Sunday	Arrive Daily	Arrive Daily				Leave Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Daily Ex. Sunday		

(0.20) (2.20) (0.15) (1.15) ----- Time over District ----- (1.05) (0.15) (2.20) (0.20)
 18.30 15.47 24.40 28.80 ----- Average speed per hour ----- 33.32 24.40 15.47 18.30
 Westward trains are superior to trains of the same class in the opposite direction. Exceptions: Nos. 246 and 150 are superior to Nos. 245 and 151.

FRESNO AND BAKERSFIELD SUBDIVISION

Eastward		FROM SAN FRANCISCO				Distance from San Francisco	TIME TABLE No. 127 November 10, 1915	Distance from Hardwick	TOWARD SAN FRANCISCO				Westward	
		THIRD CLASS		FIRST CLASS					FIRST CLASS		THIRD CLASS			
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.		150 Ingle Armona Mixed Leave Daily Ex. Sunday		154 Fresno Ingle Visalia Passenger Leave Daily					153 Goshen Junc. Ingle Fresno Passenger Arrive Daily			151 Armona Ingle Mixed Arrive Daily Ex. Sunday		
Y		s 9.10AM		s 7.50PM		181.9	D-R INGLE 5.3	42.3	s 7.30AM		s 4.15PM			
80		s 9.40		s 8.03		187.2	D TRANQUILITY 4.5	37.0	s 7.18		s 3.50			
81		s 10.05		s 8.13		191.7	D SAN JOAQUIN 3.2	32.5	s 7.08		s 3.25			
20		s 10.15		s 8.20		194.9	CALDWELL (Spur) 3.7	29.3	s 7.00		s 3.15			
1						198.7	NARES 0.3	25.5						
15		s 10.39		s 8.30		199.0	HELM (Spur) 7.2	25.2	s 6.50		s 3.00			
35		s 11.00		s 8.46		206.2	BURREL 3.2	18.0	s 6.32		s 2.45			
10		s 11.10		s 8.51		209.4	BENDER 5.2	14.8	s 6.24		s 2.30			
29		s 11.40		s 9.03		214.6	D RIVERDALE (Spur) 2.6	9.6	s 6.15		s 2.15			
8		s 11.50		s 9.09		217.2	ROBINSON (Spur) 2.0	7.0	s 6.04		s 1.45			
6		s 11.59		s 9.14		219.2	HUB (Spur) 1.8	5.0	s 5.57		s 1.35			
						221.0	LATON & WEST. RY. CROSS. 0.8	3.2						
4		s 12.07PM		s 9.24		221.8	LYNN (Spur) 1.7	2.4	s 5.51		s 1.25			
17						223.5	HASSET (Spur) 0.7	0.7						
59		s 12.15PM		s 9.30PM		224.2	D-R HARDWICK (42.3)	0.0	s 5.45AM		s 1.15PM			
		Arrive Daily Ex. Sunday		Arrive Daily					Leave Daily		Leave Daily Ex. Sunday			

(3.05) (1.40) ----- Time over District ----- (1.45) (3.00)
 13.71 25.38 ----- Average speed per hour ----- 24.17 14.10
 Westward trains are superior to trains of the same class in the opposite direction. Exception: No. 150 is superior to No. 151.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward		FROM SAN FRANCISCO				Distance from San Francisco	TIME TABLE		Distance from Friant	TOWARD SAN FRANCISCO				Westward		
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS			FIRST CLASS			STATIONS	FIRST CLASS			THIRD CLASS					
			320 Way Freight		148 Fresno Friant Passenger			146 Fresno Friant Passenger		144 Fresno Friant Passenger		145 Friant Fresno Passenger	147 Friant Fresno Passenger	149 Friant Fresno Passenger		321 Way Freight
Yard WFTOPY			Leave Daily Ex. Sunday		Leave Daily	Leave Daily	Leave Daily		Arrive Daily	Arrive Daily	Arrive Daily		Arrive Daily Ex. Sunday			
			5.30AM		3.50PM	12.05PM	6.45AM	205.5	DN-R	FRESNO 1.6	24.4	s 9.25AM	s 2.50PM	s 6.30PM		1.30PM
30					f	f	f	207.1		A. T. & S. F. CROSSING 0.9	22.8			f		
88			5.50		f 4.06	f 12.21	f 7.01	208.0		EAST FRESNO 1.4	21.9	f	f	f		
22								209.4		BARTON (Spur) 2.2	20.5	f 9.07	f 2.32	f 6.11		12.21
57			6.00		f 4.12	f 12.27	f 7.07	211.6		GRANZ (Spur) 0.2	18.3					
25			6.10		s 4.15	s 12.30	s 7.10	211.8		MALTERMORO (Spur) 1.1	18.1	f 9.02	f 2.27	f 6.07		12.05PM
143			6.15		f 4.17	f 12.32	f 7.12	212.9		LAS PALMAS 0.7	17.0	s 8.59	s 2.24	s 6.04		11.45
25					f	f	f	213.6		EGGERS (Spur) 0.3	16.3	f 8.57	f 2.22	f 6.02		11.35
44			6.20		s 4.21	s 12.36	s 7.16	213.9		VANRIS 1.0	16.0	f	f	f		
19			6.30		f 4.24	f 12.39	f 7.19	214.9		TARPEY 1.2	15.0	s 8.54	s 2.19	s 5.59		11.30
57 W			7.05		s 4.30	s 12.45	s 7.25	216.1		MELVIN 1.3	13.8	f 8.51	f 2.16	f 5.56		11.20
14			7.29		f 4.34	f 12.49	f 7.29	217.4	D	CLOVIS 1.1	12.5	s 8.45	s 2.10	s 5.50		11.10
31			7.50		f 4.43	f 12.58	f 7.38	218.5		GLORIETTA (Spur) 4.4	11.4	f 8.41	f 2.06	f 5.46		10.05
8			8.05		s 4.46	s 1.01	s 7.41	222.9		GORDON 0.7	7.0	f 8.32	f 1.57	f 5.37		9.45
73			8.20					223.6		EL PRADO (Spur) 2.9	6.3	s 8.30	s 1.54	s 5.34		9.35
44 T			8.50AM		s 5.05PM	s 1.20PM	s 8.00AM	226.5		GRAVEL (Spur) 3.4	3.4	8.20				
			Arrive Daily Ex. Sunday		Arrive Daily	Arrive Daily	Arrive Daily	229.9	D-R	FRIANT (24.4)	0.0	8.10AM	1.35PM	5.15PM		9.05AM
			(3.20) 7.32		(1.15) 19.52	(1.15) 19.52	(1.15) 19.52			Time over District.....		(1.15) 19.52	(1.15) 19.52	(1.15) 19.52		(4.25) 5.86
										Average speed per hour.....						

Westward trains are superior to trains of the same class in opposite direction.
 Exceptions, No. 144 is superior to No. 145, No. 146 to No. 147, No. 148 to No. 149 and No. 320 to No. 321.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward		FROM SAN FRANCISCO				Distance from San Francisco	TIME TABLE		Distance from Stratford	TOWARD SAN FRANCISCO				Westward	
Capacity of sidings in car lengths and location of Scales, Fuel, Water, Turning and Telephone Stations.	THIRD CLASS			THIRD CLASS			STATIONS	THIRD CLASS			THIRD CLASS				
			80 Stratford Exeter Mixed												
			Leave Daily						Arrive Daily						
56 Y			1.00PM	244.1	DR	STRATFORD 2.5	0.0	s 11.53AM							
67			f 1.10	241.6		MARSALA 1.7	2.5	f 11.43							
54			f 1.18	239.9		CUNEO 3.4	4.2	f 11.35							
87 Y			s 1.33PM	236.5	R	ROSSI (7.6)	7.6	s 11.20AM							
			Arrive Daily					Leave Daily							

(0.33)
13.82 ----- Time over District..... (0.33)
Average speed per hour..... 13.82

Westward trains are superior to trains of same class in opposite direction.

FRESNO AND BAKERSFIELD SUBDIVISION.

Eastward From San Fran.		Distance from San Francisco	TIME TABLE No. 127		Distance from Ainrof	Toward San Fran. Westward	
Capacity of sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.			STATIONS				
99Y		308.6	D-R OIL JUNCTION 0.3	5.7			
48		308.9	STORAGE TRACKS 1.1	5.4			
9		310.0	BOAZ 0.5	4.3			
35		310.5	D WAITS 0.6	3.8			
98		311.1	SEGURO 0.5	3.2			
42		311.6	MALTHA 0.4	2.7			
19		312.0	VOLCAN 0.2	2.3			
5		312.2	LA SOLAS 0.2	2.1			
54		312.4	OMENA 0.3	1.9			
8		312.7	ADIOS (Spur) 0.1	1.6			
12		312.8	CESARO (Spur) 0.2	1.5			
		313.0	TREADWELL JUNG. 0.1	1.3			
13		313.1	EBIGMO (Spur) 0.3	1.2			
19		313.4	PENTOL 0.3	0.9			
192Y		313.7	OIL CITY 0.6	0.6			
9		314.3	R AINROF (Spur) (5.7)	0.0			

Time over district -----
Average speed per hour -----
Note—Oil Junction to Ainrof operated as part of Bakersfield yard.

Eastward From San. Fran.		Distance from San Francisco	TIME TABLE No. 127		Distance from Porque	Toward San Fran. Westward	
Capacity of sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.			STATIONS				
		313.0	TREADWELL JUNG. 0.2	2.4			
6		313.2	KINROSS (Spur) 0.3	2.2			
10		313.5	AMIGO (Spur) 0.2	1.9			
9		313.7	ARMIGUS (Spur) 0.2	1.7			
12		313.9	KINSALE (Spur) 0.1	1.5			
11		314.0	FORFAR (Spur) 0.2	1.4			
8		314.2	DERWENT (Spur) 0.5	1.2			
5		314.7	CUANDO (Spur) 0.3	0.7			
9		315.0	TUBIG (Spur) 0.2	0.4			
		315.2	HAYNAN (No Siding) 0.1	0.2			
6		315.3	CERTINA (Spur) 0.1	0.1			
15		315.4	PORQUE (Spur) (2.4)	0.0			

Time over district -----
Average speed per hour -----
Note—Treadwell Junc. to Porque operated as part of Bakersfield yard.

Eastward FROM SAN FRANCISCO		Distance from San Francisco	TIME TABLE No. 127		Distance from Olig	TOWARD S. FRAN. Westward			
Capacity of sidings in car lengths and location of Scales, Fuel, Water and Turning and Telephone Stations.			SECOND CLASS	FIRST CLASS		FIRST CLASS	SECOND CLASS		
			308	306	192	193	307	309	
			Bakersfield McKittrick Mixed	Bakersfield Olig Mixed	Santa Fe Sunset Passenger	Santa Fe Sunset Passenger	Olig Bakersfield Mixed	McKittrick Bakersfield Mixed	
			Leave Sunday Only	Leave Daily Ex. Sunday	Leave Daily	Arrive Daily	Arrive Daily Ex. Sunday	Arrive Sunday Only	
Yard WFTYOP		312.9	8.15AM	7.30AM		49.8	4.00PM	5.00PM	
P		313.6	8.20	7.35	9.45AM	49.1	5.52PM	3.45	4.55
48		314.1				48.6			
8		315.1				47.6			
43		315.3				47.4			
5		316.7				46.0			
54 P		318.8	f 8.35	f 7.55	f 9.57	43.9	f 5.39	f 3.20	f 4.40
4		320.5				42.2			
66 PY		322.6	s 8.45	s 8.10	s 10.05AM	40.1	s 5.32PM	s 3.00	s 4.30
59 WP		328.4	f 9.00	f 8.27		34.3		f 2.30	f 4.15
4		330.7	f	f		32.0		f	f
27		335.1	f 9.20	f 8.47		27.6		f 2.05	f 3.55
6		338.3	f	f		24.4		f	f
27		342.8	f 9.39	f 9.07		19.9		f 1.45	f 3.36
111 P		346.3	s 9.49	s 9.20		16.4		s 1.35	s 3.27
76 WP		350.5	f 9.59	f 9.35		12.2		f 1.15	f 3.16
25		359.4	10.26	10.05		3.3		12.35	2.49
40 TPY		360.6	s 10.30AM	s 10.30		2.1		s 12.30PM	2.45PM
178		362.7		s 10.45AM		0.0		11.00AM	
			Arrive Sunday Only	Arrive Daily Ex. Sunday	Arrive Daily	Leave Daily	Leave Daily Ex. Sunday	Leave Sunday Only	

Time over district ----- (2.10) ----- (3.10) ----- (0.20) ----- (0.20) ----- (4.45) ----- (2.10)
Average speed per hour ----- 21.69 ----- 15.51 ----- 27.00 ----- 27.00 ----- 10.34 ----- 21.69

Westward trains are superior to trains of the same class in the opposite direction.
Exception: No. 306 is superior to No. 307. No. 308 is superior to 309.

SPECIAL RULES



"SAFETY FIRST"

Extra Trains May Pass, or Run Ahead of Third Class Trains Without Receiving an Order to do so.

STANDARD CLOCKS.

Fresno	Visalia	Mojave
Goshen Junction	Bakersfield	Palmdale
Coalinga	Kern Junction	

WATCH INSPECTORS.

Webb C. Ball, The Warner Co., Hanford Jewelry Co., G. D. Davidson Co., Saugus to Owenyo, Bakersfield to Fresno, including Branch lines and McKittrick Branch.	General Time Inspector, Local Inspectors, Local Inspectors, Local Inspectors,	San Francisco Fresno Hanford Los Angeles
Henry Caseriel Smith Bros., S. P. Anderson, R. A. Hubler, H. Oppliger, Bakersfield to Mojave, Newton Moore, Luckenbach & Co.,	Local Inspector, Local Inspectors, Local Inspector, Local Inspector, Local Inspector, Local Inspector, Local Inspectors,	Coalinga Visalia Exeter Porterville Bakersfield Los Angeles Los Angeles

BULLETIN BOARDS.

Fresno	Coalinga	Mojave
Goshen Junction	Bakersfield	Saugus
Kerman	Arcade Station	River Station
Los Angeles Round House		

CLEARANCES.

Rule 83A will not apply at stations not telegraph offices, or where offices are closed for the day.
A train must not leave McKittrick or Coalinga without a clearance card (Form No. 2643).

REGISTERING.

At Registering stations on single track, or at the end of double track when passing from single to double track, where trains are permitted to register as per Rule 83-B, conductors and telegraphers, or telephone operators, must comply with Rule 96, the same as at non-registering stations.
Helper engineers of Santa Fe freight trains on joint track, will accept from conductors, information on prescribed form, showing the numbers of all superior trains and stating that he has checked the register, and that all have arrived or departed as the case may be.

Exceptions.

Famoso	Trains to and from Branch and terminating only register.
Oil Junction	Trains to and from Branch and terminating only register.
Bakersfield	Eastward S. P. freight trains arriving register. Same to be telegraphed Kern Junction for duplicate register.
Kern Junction	Arrival and departure of Santa Fe passenger trains will be telegraphed Bakersfield for duplicate register.
Lancaster	Helpers only register.
Palmdale	Helpers only register.

Trains Will Register by Form 2642 as Follows:

Goshen Junction	25, 26.
Kern Junction	S. P. passenger trains and westward Santa Fe passenger trains.
Tehachapi	115, 116, 25, 26, 49, 50.
Saugus	25, 26.

TRAIN AND AIR INSPECTION.

Freight trains descending grade will stop 5 minutes, or more, at following points, to allow trainmen to make thorough inspection of wheels and running gear of train in accordance with rule 820:

Between Bakersfield and Mojave	Bealville, Woodford, Marcel, Warren. Eastward freight trains handling P. F. E. Cars will make stops at Larose and Fram in addition.
Between Mojave and Saugus	Ravenna, Lang.
McKittrick Branch	Between Mile Posts 357 and 358.
Between other points	After a continuous run of 40 miles.

That proper inspection of running gear may be made by trainmen, in accordance with rule 824 and permit of their boarding train, freight trains must not exceed a speed of eight miles per hour when entering or pulling out of siding or leaving stations.

Air test referred to in Rule 14 of Rules and Regulations governing air brakes, etc., effective July 1st, 1909, must be made by road crews in charge of passenger and freight trains in the manner prescribed in this rule as follows:
All trains, except Nos. 25, 26, 49, 50, 115 and 116, operating between Bakersfield, Mojave and Saugus, must stop and make this test at following points:
On Eastward freight trains At Summit and Vincent.
On Eastward passenger trains At Tehachapi and Vincent.
On Westward trains At Vincent and Tehachapi.

(Note. For westward freight trains test at Summit will be sufficient, if made there, providing no stop is made at Tehachapi.
Running test will be sufficient at these points for trains Nos. 25, 26, 49, 50, 115 and 116, unless they are stopped for some other purpose.)
At all points when train line may have been opened or helpers cut off or picked up.
For all trains ascending grade, stopping at Caliente or Palmdale, this test is required.

For passenger trains ascending grade, not stopping at Caliente or Palmdale, the test made by carmen at Bakersfield or Mojave will be sufficient.
All Westward trains (except No. 25) must make this test at Saugus. No. 25 will make running test, unless stopped for some other purpose.
Engineers when ready for reduction in train line pressure from rear end will sound one long blast of steam whistle, and rear brakeman will on receiving this signal, open angle cock at rear of train, making a reduction of 20 pounds, exercising care to prevent the setting of brakes in emergency. After closing angle cock rear brakeman will signal engineer to release brakes and proceed in manner prescribed by the rules.

Conductor will report to Superintendent, by wire, any failure to properly control train by air brakes and will deliver to Car Inspector at first terminal list showing tonnage of each car in train. Car Inspector will add to list the piston travel of each car in train, as shown by test made before road engine is cut off, also result of three-minute test of all retainers. The list will then be forwarded to Superintendent by first mail.

"19" ORDER.

Within automatic block signal limits, between Fresno and Saugus, the note under Rule 211 is modified as follows:
Form "19" train order may be issued to restrict the superiority of a train, except that form 31 must be used,—
(1) When orders are delivered at a non telegraph or closed telegraph station. (See rule 217).
(2) When necessary to restrict a train which has been cleared or the engine of which has passed train order signal. (See rule 219).
(3) When issuing an order form "G," example 3.
(4) When giving any train right over all trains.
(5) When reducing a time order where necessary that dispatcher have signature of superior trains before completing order to an inferior train.

Operator will fill out clearance, designating thereon numbers of orders, repeat to dispatcher train and order numbers as they appear on clearance and obtain O. K. with time and Superintendent's initials, writing same before delivery in space provided for. Operator will retain carbon copy of clearance.

Dispatcher must write train and order numbers in his train order book as transmitted by operator from clearance, and must designate time clearance was made O. K., not transmitting O. K. unless operator repeats numbers of all orders to be delivered to the train to which clearance is addressed.

When "19" order restricting superiority is issued at station where superiority is restricted, train must be stopped by operator before delivery of order. Conductor's and Engineer's attention is called to the importance of approaching at a moderate rate of speed telegraph offices where orders are to be received and the necessity for carefully checking clearance to ascertain positively that it is properly addressed and that orders received are those called for by clearance.

Clearance outside automatic block signal limits must show numbers of all orders (both 31 and 19) and be O.K'd. by Dispatcher same as within block signal limits.

AUTOMATIC SIGNALS.

When stopped by Block Signal (not Minute Blocks) on single track, trains will wait five minutes, then proceed as per Rule 504.

The following automatic block signals, governing trains entering and in yards, will be Minute Blocks:

Mojave:	Nos. 3802, 3805, 3806, 3811;
Tehachapi:	Nos. 3598, 3611;
Bakersfield:	No. 3157;
Goshen Jet.:	Nos. 2388, 2397.

If signals are at stop, wait one minute and then proceed under control.
At night if light is not burning, trains will be governed by position of arm. When Block Signals indicating position of switches are yellow boarded, trains will reduce speed to six miles per hour through station limits until switches are passed.

Home signals No. 3805 and No. 3806, (minute blocks) just West of Oil and Water Columns, between main track and siding No. 1, Mojave yard, are placed "back to back." Signal No. 3805 governing Westward trains is located on Fireman's side, who will be on lookout for change in position of signal. Helper Engines occupying main track must stand just West of these signals to prevent delay to Westward trains.

Signal failures or irregularities (either action of arm or condition of light) will be reported to chief dispatcher from first open telegraph office.

INTERLOCKING SIGNAL TOWERS.

Fresno Tower No. 1.

(A. T. & S. F. Crossing 1.6 miles east of Fresno on Friant Branch):
For main track, one long blast of whistle.
To or from spur track, one long and one short blast of whistle.

Fresno Tower No. 2.

(A. T. & S. F. Crossing 1.5 miles east of Fresno on Porterville Branch):
For main track, one long blast of whistle.

Calwa Tower.

(A. T. & S. F. Crossing and end of double track 0.8 miles east of Calwa):
Eastward trains approaching end of double track will call for switch and derailer by one long, one short and one long blast of whistle.
Westward trains will sound one long blast of whistle for crossing and for double track.

Lower arm of signal located just east of crossing controls the admission of westward trains on to double track against the current of traffic.
Dwarf signal located between main tracks just west of tower controls eastward trains moving against the current of traffic.

Hanford Tower.

(A. T. & S. F. Crossing 0.3 miles west of Hanford):
For main track, one long blast of whistle.
For crossing through side track, one long, one short and one long blast of whistle.

Tulare Tower.

(A. T. & S. F. Crossing 0.3 miles west of Tulare):
For main track, one long blast of whistle.

Kern Junction Tower.

(A. T. & S. F. Crossing and McKittrick Branch Jet. 0.7 miles east of Bakersfield):
For main track, one long blast of whistle.
For movement over crossing on side track, one long, one short and one long blast of whistle.
For movement between S. P. and A. T. & S. F. main line, one long and one short blast of whistle.
For movement between main track and transfer track, one short, one long and one short blast of whistle.

General:

For any movement against current of traffic on double track, sound one long and one short blast of whistle.
When a train which has been given the semaphore signal at any crossing does not wish to use crossing, one short and one long blast of whistle should be sounded for the information of the towerman.

SPECIAL RULES—Continued

SPEED TABLE

This table is for the purpose of determining speed per mile and must in no way conflict with rules restricting speed of trains.

Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in		Miles per Hour	1 Mile in	
	Min.	Sec.		Min.	Sec.		Min.	Sec.		Min.	Sec.
6	10		21	2	51	31	1	56	41	1	27
8	7	30	22	2	43	32	1	52	42	1	25
10	6		23	2	36	33	1	49	43	1	23
12	5		24	2	30	34	1	45	44	1	21
15	4		25	2	24	35	1	42	45	1	20
16	3	45	26	2	18	36	1	40	46	1	18
17	3	31	27	2	13	37	1	37	47	1	16
18	3	20	28	2	8	38	1	34	48	1	15
19	3	9	29	2	4	39	1	33	49	1	13
20	3		30	2		40	1	30	50	1	12

MAXIMUM SPEED FOR WHICH LOCOMOTIVES ARE COUNTERBALANCED.

Note—All Locomotives with the following exceptions, are counterbalanced for a speed in miles per hour equal to the number of inches in diameter of driving wheels.

Class of Locomotive	Engine Numbers	Maximum Speed in Miles per Hour	Maximum Wheel Pressure
MM—63 ^{2 1/8-3 3/8}	320	4200 to 4211	40
A—84 ^{1 1/2-2 1/8}	110	3000 to 3009	77
A—79 ^{1 1/2-2 1/8}	102	3016 to 3024	67
A—81 ^{2 1/8}	105	3025 to 3071	77
T—69 ^{2 1/8}	149	2284, 2285, 2287 to 2289, 2292, 2293, 2295, 2296, 2298, 2299	60
T—69 ^{1 5/8-2 1/8}	142	2291, 2294, 2297	62
T—63 ^{1 1/8}	78	2187, 2190, 2194, 2195, 2199, 2200, 2203 to 2206	52
M—63 ^{2 1/8}	155	1720, 1721, 1724, 1770, 1771, 1773 to 1777, 1779	58
M—63 ^{2 1/8}	144	1727 to 1729, 1731, 1734, 1736 to 1738, 1741, 1743, 1745, 1746, 1748, 1750 to 1753, 1755, 1757, 1759 to 1761, 1763, 1764, 1767 to 1769, 1782, 1784, 1785, 1787, 1788, 1790 to 1792, 1794 to 1797, 1799	53
M—63 ^{1 1/2-2 1/8}	144	1730, 1733, 1786, 1793, 1798, 1802	56
E—69 ^{1 1/8}	69	1383, 1386, 1387, 1389, 1392, 1393, 1396, 1397	55
E—73 ^{1 1/8}	63	1430 and 1432	61
MC—57 ^{2 1/8-3 1/8}	394	4000 to 4016	53
MC—57 ^{2 1/8-3 1/8}	398	4017 to 4028	53
MC—57 ^{2 1/8-3 1/8}	401s	4029 to 4043	53
MC—57 ^{2 1/8-3 1/8}	395s	4044 to 4048	53
C—57 ^{2 1/8}	180	2625, 2626, 2628 to 2642, 2644 to 2651, 2653 to 2655, 2657, 2659 to 2662, 2664 to 2672, 2674, 2675, 2677, 2679	52

NOTE:—The above table is for the information of engineers and must not be considered in any way to authorize exceeding speed limit specified under "Speed Restrictions."

Between—	Miles per Hour	
	Passenger	Freight
Fresno and Bakersfield	50	35
" " with large loaded oil cars		35
Bakersfield and 1/2 mile east of Sivert	50	35
Bena and Sivert westward freight trains		35
1/2 mile east Sivert and 1 mile west Ilmon	40	30
1 mile west Ilmon and 1 mile west Tehachapi	30	18
1 mile west Tehachapi and 1 mile east Cameron	50	25
1 mile east Cameron and Mojave	45	18
Mojave and Palmdale	50	35
" " with large loaded oil cars		35
Palmdale and Vincent	40	18
Vincent and mile post 422	30	18
Mile post 422 and mile post 427	40	18
Mile post 427 and Humphreys	30	18
Humphreys and mile post 448	40	18
Mile post 448 and Tunnel 24	30	18
Tunnel 24 and Saugus	40	18
Fresno and Clotho	50	30
Clotho and Exeter	30	20
Exeter and Porterville	50	30
Porterville and Famoso	35	20
Kerman and Armona	50	35
Ingle and Riverdale	40	30
Riverdale and Hardwick	35	20
Goshen Junction and Exeter	40	30
Goshen Junction and Armona	50	35
Armona and Crump	40	25
Crump and Alcalde	12	12
Fresno and Gordon (except as noted)	30	20
Gordon and Friant (except as noted)	20	20
Fresno and Friant (with loaded gravel cars)		15
Oil City Branch (except as noted)	30	20
" " (with large loaded oil cars) Days	15	15
" " " " " " " " Nights	10	10
Bakersfield and Lokern	40	25
Lokern and Olig (except as noted)	30	20
" " (with large loaded oil cars) Days	15	15
" " " " " " " " Nights	10	10
Stratford Branch	15	15
Porterville and Springville	20	15
Mojave and Owenyo:		
Mojave and Mile Post 422	35	35
Mile Post 422 and Mile Post 439	25	25
Mile Post 439 and Mile Post 465	35	35
Mile Post 465 and Mile Post 469	25	25
Mile Post 469 and Owenyo	35	35
All points with large loaded oil cars, (except as noted)		25
Between outside switches of yards, (outside City Limits):		
Fresno	15	10
Bakersfield, east of Nome	15	10
" west of Nome	35	20
Mojave	15	10
Through City Limits (regulated by Ordinances):		
Clovis	8	8
Fresno	8	8
Selma (between 5 a.m. and 11 p.m.)	10	10
Kingsburg (between 4 a.m. and 11 p.m.)	10	10
Tulare	8	8
Visalia	6	6
Hanford	8	8
Exeter	10	10
Bakersfield	6	6
Fowler	10	10
Over Bridges:		
288-B, West of Orris	20	20
329-B, One mile east of Stevens	10	10
329-C, " " " " " "	10	10
Over Turnout Switches:		
Kerman (eastward trains)	20	20
Calwa Tower, end of double track (eastward trains)	15	15
Exeter, south leg of Wye connecting Porterville Branch	15	15
All points Santa Fe 900 and 1600 class engines	4	4
" " Consolidation and Mallet engines	10	10
On Sidings:		
When clear of lead on straight track, Santa Fe 900 and 1600 class engines	8	8
Over west leg of Wye at Searles: Consolidation engines	6	6
Engines on passenger trains:		
Decapod		Freight Train Speed

SPEED RESTRICTIONS—Continued.

Consolidation	(Maximum speed allowed passgr. trains
When meeting or passing on double track	20 miles per hour except where speed restrictions are less will be governed thereby
Engines running light:	Passgr. Train Speed
8-wheel, 10-wheel, Mogul and Mikado	20 miles per hour where freight trains are restricted to 18
Consolidation type	25 miles per hour where freight trains are restricted to 18
Fernando Helpers (2914 class)	Freight Train speed
Engines not above specified	
Engines backing up:	
Consolidation, Decapod, Mikado and Mallet between Bakersfield and Saugus	15 miles per hour
Consolidation and Mikado between Fresno and Bakersfield	20 miles per hour
Fernando Helpers (2914 class) between Palmdale and Saugus	20 miles per hour
All others (except Consolidation, Mallet and Mikado) over main track and from Kerman to Goshen Junction	25 miles per hour
Over other branches	20 miles per hour except where speed restrictions are less, be governed thereby
From West Wye switch to station at Goshen Jet. (Coalinga Branch)	10 miles per hour
Motor cars in back motion through yards and over highway crossings	10 miles per hour except where other speed restrictions are less, be governed thereby.
Mallet Engines in freight service (between Bakersfield and Saugus):	
Running light or in train	20 miles per hour except where freight train speed is less, be governed thereby
Switch Engines (outside yards)	15 miles per hour
Passenger Mallet Engines running light or in train	40 miles per hour except where passenger train speed is less, be governed thereby.
Trains handling wrecker:	
Main line and from Goshen Jet. to Kerman	25 miles per hour;
Over other branches	15 miles per hour; except where freight train speed is less, be governed thereby.

USE OF RETAINERS.

Retainers will be used on Passenger Trains on grades as follows:
EASTWARD TRAINS:—From Cameron to Mojave.
WESTWARD TRAINS:—From Vincent to Harold.
 From Tehachapi to Caliente.
 One-half of the Retainers will be used at one time, alternating every two miles until station designated is reached.
 On Freight Trains, retainers will be used on grades in accordance with Rules 46, 47 and 48 of "Rules and Regulations Governing Air Brakes, Etc., Effective July 1st, 1909," as follows:
EASTWARD TRAINS:—From Cameron to Mojave.
 From Vincent to Lang.
WESTWARD TRAINS:—From Vincent to Harold.
 From Tehachapi to Caliente.
 From McKittrick to Lokern.
 Retainers will be used on other trains and under other conditions where in judgment of the engine and train crew it is deemed necessary to vary from the above rules.
 Where retainers are used the rate of speed of freight trains on any grade of over one per cent. (over 1%) will not exceed 25 miles per hour, and on grades of this character, MORE THAN FIVE MILES LONG, FOR THE FIRST FIVE MILES THE TIME CONSUMED IN TRAVELING ANY ONE MILE SHALL NOT BE LESS THAN THREE MINUTES.
 The above maximum speed restriction will not affect the speed on heavier grades and other locations, where the maximum is now provided.

OVERHEAD STRUCTURES.
Less than 22 feet above top of rails.
BETWEEN FRESNO AND EXETER.

Mile Post	Between Stations	Structure	Height
253.6	Kaweah-Lort	Bridge over Kaweah River	20'-3'

MAIN LINE.

Mile Post	Between Stations	Structure	Height
332.6	Illmon-Caliente.....	Tunnel No. 1/2.....	18'- 2"
336.9	Caliente-Bealville.....	" " 1.....	17'- 8"
337.8	" " ".....	" " 2.....	17'- 8"
340.8	Bealville-Rowen.....	" " 3.....	18'- 0"
341.0	" " ".....	" " 4.....	18'- 1/2"
341.6	" " ".....	" " 5.....	18'- 2"
341.9	" " ".....	" " 6.....	18'- 4"
343.7	" " ".....	" " 7.....	17'- 7"
344.2	" " ".....	" " 8.....	17'- 5"
351.0	Woodford-Walong.....	" " 9.....	18'- 0"
352.3	Walong-Marcel.....	" " 10.....	17'-9 1/2"
353.0	" " ".....	" " 11.....	18'- 2"
355.0	Marcel-Cable.....	" " 12.....	17'- 8"
355.2	" " ".....	" " 13.....	17'- 11"
355.4	" " ".....	" " 14.....	17'- 8"
355.7	" " ".....	" " 15.....	17'- 11"
355.9	" " ".....	" " 16.....	18'- 2"
356.0	" " ".....	" " 17.....	17'- 11"
434.8	Russ-Lang.....	Water Flume.....	19'- 0"
434.8	" " ".....	Tunnel No. 17 1/2.....	18'- 10"
435.5	" " ".....	Bridge over Santa Clara River.....	20'- 9"
435.9	" " ".....	" " " " ".....	21'- 6"
436.1	" " ".....	" " " " ".....	21'- 9"
436.3	" " ".....	" " " " ".....	21'- 10"
436.8	" " ".....	" " " " ".....	21'- 9"
436.9	" " ".....	" " " " ".....	21'- 9"
437.0	" " ".....	Tunnel No. 18.....	17'- 7"
437.4	" " ".....	" " 19.....	17'- 2"
437.4	" " ".....	Bridge over Santa Clara River.....	21'- 8"
439.5	Lang-Humphreys.....	Tunnel No. 20.....	17'- 9"
440.1	" " ".....	" " 21.....	17'- 10"
441.5	" " ".....	" " 22.....	18'- 2"
445.3	Humphreys-Honby.....	" " 23.....	18'- 6"
449.7	Honby-Saugus.....	" " 24.....	18'- 6"

BETWEEN MOJAVE AND OWENYO.

Mile Post	Between Stations	Structure	Height
426.8	Teagle-Searles	Tunnel 29	21'-2"

All employes are warned that it is dangerous to stand erect on cars, particularly of extraordinary height, while passing any of these points and must use necessary precaution to protect themselves from injury.

JUNCTION SWITCHES.

- (Switches to be set and locked as follows):
- El Prado.....Friant branch and S. J. E. R. R. tracks for Friant branch track.
 - Fresno.....Stockton Division main track and Kerman track for main track.
 - Fresno.....Fresno-Bakersfield main track and Sanger branch for main track.
 - Fresno.....Friant and Sanger branches for Sanger track.
 - Kerman.....Armona and Stockton Division tracks for Stockton Division track.
 - Ingle.....H. & S. L. branch and Stockton Division tracks for Stockton Division track.
 - Hardwick.....H. & S. L. branch and Armona-Kerman track for Armona-Kerman track.
 - Armona.....Goshen Jct.-Coalinga and Armona-Kerman tracks for Goshen Jct.-Coalinga track.
 - Rossi.....Coalinga branch and Stratford branch tracks for Coalinga branch track.
 - Goshen Junction..Visalia and Coalinga branches with Fresno-Bakersfield main track, both for main track.
 - Exeter.....Visalia and Sanger branches for Visalia track.
 - Porterville.....P. & N. E. & Porterville branch for Porterville branch track.
 - Famoso.....Fresno-Bakersfield main track and Porterville branch for main track.
 - Oil Junction.....Bakersfield-Fresno main track and Oil City branch for main track.
 - Kern Junction...Operated by interlocking tower.
 - Gosford.....McKittrick branch and Sunset R. R. tracks for McKittrick branch track.

- Mojave.....Bakersfield-Mojave main track and N. & C. Ry. for main track.
- Saugus.....San Joaquin Division main track and Los Angeles Division track for San Joaquin Division main track.

LOCATION HOSPITAL STRETCHERS.

- Fresno Storeroom.
- Fresno Wrecking Train.
- Fresno Baggage Room.
- Goshen Junction.
- Hanford.
- Coalinga.
- Exeter.
- Porterville.
- Bakersfield Emergency Hospital.
- Bakersfield Wrecking Train.
- Bakersfield Car Shops.
- Bakersfield Machine Shops.
- Bakersfield Baggage Room.
- Tehachapi.
- Mojave Car Shops.
- Mojave Wrecking Train.
- Mojave Baggage Room.
- Owenyo.
- Saugus.

HOSPITALS FOR SAN JOAQUIN DIVISION.

- General Hospital, S. P. Hospital, San Francisco, Cal. Division Hospital, Crocker Street Hospital, Los Angeles, Cal. Emergency Hospital, Bakersfield, Cal.

SURGEONS

NAME.	LOCATION.	DISTRICT Between
Dr. F. K. Ainsworth, Manager and Chief Surgeon.....	San Francisco, Cal.....	All points.
Dr. O. B. Doyle.....	Fresno, Cal.....	Fresno, Friant, Kingsburg and Ivesta, Cal.
Dr. D. H. Trowbridge, Oculist and Aurist.....	Fresno, Cal.....	
Dr. J. L. Maupin, Consulting Surgeon.....	Fresno, Cal.....	
Dr. J. D. Wagner, Emergency Surgeon.....	Selma, Cal.....	
Dr. M. A. Morrison, Emergency Surgeon.....	Fowler, Cal.....	
Dr. T. F. Madden, District Surgeon.....	Sanger, Cal.....	Ivesta and Fargo.
Dr. G. A. Hawkins.....	Reedley, Cal.....	Fargo and Monson.
Dr. A. D. McLean.....	Exeter, Cal.....	Monson and Burr.
Dr. J. A. Moore, Emergency Surgeon.....	Dinuba, Cal.....	
Dr. T. D. Smith, District Surgeon.....	Kingsburg, Cal.....	
Drs. M. and M. S. McMurtry, Emergency Surgeons....	Clovis, Cal.....	
Dr. T. D. Blodgett.....	Tulare, Cal.....	Kingsburg and Earlimart.
Dr. J. A. Copeland, Emergency Surgeon.....	McFarland, Cal.....	
Dr. E. D. Farrow.....	Visalia, Cal.....	Goshen and Exeter.
Dr. C. T. Rosson.....	Hanford, Cal.....	Goshen, Armona and Caruthers.
Dr. D. E. Arnold.....	Kerman, Cal.....	Kerman and Caruthers.
Dr. Wm. P. Byron.....	Lemoore, Cal.....	Armona and Huron.
Dr. G. T. Mountford.....	Coalinga, Cal.....	Huron and Alcalde.
Dr. S. A. Barber.....	Porterville, Cal.....	Zante and Famoso.
Dr. W. W. Tourtilott.....	Lindsay, Cal.....	Burr and Zante.
Dr. C. W. Kellogg, Division Surgeon.....	Bakersfield, Cal.....	San Joaquin Division.
Dr. A. I. Fraser.....	Bakersfield, Cal.....	Earlimart, Bealville and Gosford.
Dr. A. F. Schafer, Consulting & Emergency Surgeon...	Bakersfield, Cal.....	
Dr. H. W. Owen, Oculist and Aurist.....	Bakersfield, Cal.....	
Dr. H. Hildreth, Emergency Surgeon.....	Delano, Cal.....	
Dr. N. J. Brown.....	Tehachapi, Cal.....	Bealville and Cameron.
Dr. H. M. Elwood.....	Mojave, Cal.....	Cameron, Brown and Rosamond.
Dr. M. A. Williamson.....	Lone Pine, Cal.....	Brown and Owenyo.
Dr. J. T. Arwine, District Surgeon.....	Lancaster, Cal.....	Rosamond and Ravenna.
Dr. J. E. Wheat.....	Fernando, Cal.....	Ravenna and Saugus.
Dr. H. V. Prouty.....	McKittrick, Cal.....	Gosford and Olig.

Note.—Emergency Surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

AVERAGE WEIGHTS OF PASSENGER TRAIN CARS.

Kind of Cars.	Average Weights, Pounds		
	Wood	Steel	Steel Underframe
Baggage.....	78,000	88,000	
" (Dynamo).....		106,000	
" and Mail.....	76,000	{ 121,900-69' }	93,000
" and Passenger.....	54,000	{ 90,600-60' }	
Buffet.....	114,000		121,000
" (Dynamo).....		146,000	
Business.....	107,000	178,000	135,000
Chair.....	87,000	98,000	
Coaches.....	80,000	92,000	
Dining.....	126,000	146,000	131,000
Horse Express.....	81,000		
Observation.....	122,000		
Postal.....		{ 110,000-60' }	
Pullman Observation.....	124,500	{ 77,000-40' }	127,000
" Parlor.....	116,000	150,000	
" Std. Sleepers.....	125,000	150,000	140,000
" Tourist.....	94,000		110,000
Tea and Silk.....	48,000		

SPECIAL RULES — Continued

MISCELLANEOUS.

On single track in Block Signal limits Rule 86, second paragraph, is modified as follows: An inferior train will clear the time of first class trains in the same direction not less than ten (10) minutes.

Approaching tunnels, by day, when within 300 feet, headlight must be displayed and continued until tunnel is passed.

Headlights of helper engines when coupled into trains must be concealed.

At least two loaded steel underframe cars must be placed immediately ahead of mallet engines that are engaged in shoving.

Trains entering sidings will do so under control. Responsibility for collision is placed with entering train.

When in an engineer's judgment, track which is protected by slow order is safe for a higher rate of speed than is allowed by such slow order, engineer will notify the conductor, stating what speed he considers safe, and conductor will then send a message to Superintendent from first open telegraph office covering information.

Engines of freight trains must be cut off to take water.

Trains designated in orders as light extras will take siding for opposing extras.

At unprotected railroad grade crossings, trains approaching, will sound one long blast of steam whistle at proper distance from crossing, while train is running, in accordance with rule 14 (m). After train has stopped, and before passing over such crossing, engineer will sound two short blasts of the steam whistle.

Whistle signal covered by rule 14 (m) applies when train is running.

Following additional whistle signal is authorized:

Sound	Indication
One long blast (—————)	When train is standing; apply air brakes from rear and for test. To be used when hand signals cannot be readily transmitted.

At Fresno, all trains from Friant and Sanger branches will stop at junctions of these branches when entering yard.

At Fresno, eastward trains entering yard will be governed by signals from herder as follows: Trains from east side green signal, trains from west side yellow signal.

At Goshen Junction westward trains on Visalia branch must stop at stop board located at east end just opposite cross-over from Visalia branch to main track.

At Goshen Junction, the end of the Visalia Branch main track, will be at the point east of the depot where first cross-over enters into the Visalia track.

At Famosa, the end of the Porterville Branch main track will be at the point west of the depot where the cross-over from the main track enters into the Porterville track.

That part of these tracks between the cross-overs and the depots will be used as sidings, and trains using same will conceal headlight and display markers in accordance with rules 17 and 19.

At Visalia, all trains will stop, at Santa Fe tracks, and will not pass over crossing without receiving proceed signal from flagman, who must precede them.

At Exeter, all Eastward trains must stop at stop board at junction east leg of wye with Porterville branch.

Engines coupled, and cars weighing over 150,000 pounds, must not be run over Bridge 288-B near Orris.

At Bena engines must not go beyond a point 300 feet from switch into pit. Cars must be used in switching if necessary to go back of that point.

At Caliente and Bealville, when taking siding, eastward trains will use siding next to main track and westward trains will use outside siding.

At Marcel, all trains, except first class, will use back track and that part of track west of cross-over as siding, switches lined accordingly.

Middle track from cross-over to east switch will be known as middle siding and used by first class trains; eastward first class trains entering at cross-over.

Freight trains will not go to Cliff for passenger trains, unless can get into clear or so instructed by Dispatcher.

At Bowen, trains taking siding will comply with the following:

First class trains will use middle siding entering at first cross-over.

Eastward trains, except first class, will enter at extreme west switch.

Westward trains, except first class, will enter at extreme east switch.

All trains, except first class, will use middle siding only under flag protection unless instructed by train order that middle siding is clear, but will not use the same when first class trains are due to meet there.

Siding between east switch and east cross-over is designated as east siding.

Siding between cross-over switches is designated as middle siding.

Siding between west cross-over and west switch is designated as west siding.

Inside cross-over switches will be lined for siding.

Trains using sidings will depart through cross-overs.

At Woodford track on north side of main track will be used as siding for trains in both directions. House track must not be used for setting out or storing of cars.

At Summit, the siding known as "Old Siding" will be kept for use by Train 342 in cutting out helpers. Long track south of main track will be used for siding by other trains, and trains using same will enter at the extreme west or east switches.

Spur Tracks at following stations between Bakersfield and Mojave must not be used by Mallet or Decapod engines: Sivert, Gravel Pit Bena, Caliente, Bealville, Rowen, Cable and Turntable Tehachapi.

The maximum tonnage rating per operative brake of 100 Ms. on both east and west sides of Tehachapi Mountain and 120 Ms. eastward from Mojave to Saugus, must be strictly observed. Oil cars equipped with latest Westinghouse empty and loaded brake device will permit the handling of 150 Ms. per operative brake.

In movement of helper engines light down the Tehachapi, the number of engines to be coupled together is restricted to the following: Not more than three mallets; five consolidations; three mallets and one consolidation; two mallets and two consolidations; one mallet and three consolidations.

At Mojave, trains entering yard will be governed by the following signals:

WESTWARD TRAINS: Santa Fe by Hall Signal. Southern Pacific by Signal 3811 (minute block.)

EASTWARD TRAINS: Signal 3802 (minute block.)

When necessary to signal Westward trains, Herder will use yellow signal for Southern Pacific trains and green signal for Santa Fe trains. For Eastward trains, Herder will use yellow signal.

Freight trains will not enter until signal is given by Herder.

At Honby, back track will be used as siding by freight trains and switches are so set. When necessary for passenger trains to take siding at that point, they will use the inside track up to point of cross-over.

Helper engines between Tehachapi and Summit will be governed by following:
A. Operator at Tehachapi will have a staff, and will deliver same to eastward trains having helpers to return from Summit, except as provided in Sections D, E and F.

Conductors of trains stopping at Tehachapi and requiring staff will personally procure same and deliver to leading helper engineer, personally notifying engineer handling train that he has done so.

For trains authorized to register by Form 2642, having helpers to return from Summit, operator will deliver staff to leading helper engineer and will hand to conductor and all other engineers in train, a clearance on which is written "Staff to Engineer."

B. After receipt of staff train may proceed to Summit, keeping clear of superior trains, providing train has also been cleared as required by the rules and regulations of Operating Department.

C. After an engineer has in his possession the staff, his engine and all engines at Summit may return coupled to Tehachapi regardless of opposing trains except first class.

D. As section C provides that helpers are required to clear first class trains the staff need not be delivered to first class trains except when such trains have helper to cut out at Summit and there are no helpers at Summit with which it can couple. Helpers when waiting at Summit to clear first class trains will not leave without ascertaining whether such first class trains have helpers to couple in with them.

E. When it is desired to run two or more trains to Summit, before allowing helper of any to return, operator will upon instructions from dispatcher deliver to enginemen and conductors of all such trains, except the last, in place of staff, clearance on which is noted, "Staff at Tehachapi," provided operator has staff in his possession. Clearance so worded will be sufficient authority for trains to move to Summit as if staff had been received. To last train staff will be given. "Staff at Tehachapi" clearances do not authorize trains to return to Tehachapi. When train receives "Staff at Tehachapi" clearance and is passed at Tehachapi by another train having a helper, the train which is passed will not thereafter proceed without first returning to telegraph office and ascertaining whether the train passing has the staff. If the train passing is given the staff, the train which is passed cannot thereafter proceed until staff is returned, and conductor will personally surrender all clearances to operator.

F. Staff will not be delivered to trains which have no engines to return from Summit. When there is no helper to return from Summit, "Staff at Tehachapi" clearance will be delivered (except to first class trains) provided the operator has staff in his possession.

G. On return to Tehachapi, engineer with staff will personally deliver it to operator without delay.

Trains moving on staff between Summit and Tehachapi will register at Tehachapi in following manner:

In first column: Staff.

Second column: Signals (None) and balance of information as required by register.

In registering out register on separate line in the usual manner.

RATING OF LOCOMOTIVES--SAN JOAQUIN DIVISION In Ms. of 1000 pounds back of tender

CLASS	ENGINE NUMBER	Boiler Pressure	Bakersfield and Fresno, Bakersfield and Kerman, via Armona			Bakersfield to Mojave	Mojave to Bakersfield	Mojave to Saugus	Saugus to Mojave
			THROUGH East and West	LOCAL					
				East	West				
A-79 ^{1 1/2} _{3 1/4} 102	3016 to 3024	200	3470	3910	4130				
E-63 ^{1 1/2} _{3 1/4} 47	1353	140	1805	2040	2160				
E-63 ^{1 1/2} _{3 1/4} 52	1326, 1327	140	1980	2210	2385				
E-69 ^{3 1/2} _{3 1/4} 69	1387, 1392, 1396, 1401	165	2380	2675	2825				
E-69 ^{3 1/2} _{3 1/4} 74	1464, 1465, 1466, 1469	165	2615	2820	2960				
E-73 ^{3 1/2} _{3 1/4} 89	1433, 1434	190	3335	3740	3950				
E-73 ^{3 1/2} _{3 1/4} 92	1450, 1452	190	3340	3715	3925				
E-73 ^{3 1/2} _{3 1/4} 100	1531 to 1535	200	3630	3920	4080				
T-57 ^{1 1/2} _{3 1/4} 76	2094	150	2630	2950	3115				
T-57 ^{1 1/2} _{3 1/4} 80	2040, 2073	165	2920	3285	3435				
T-57 ^{1 1/2} _{3 1/4} 86	2153	160	2805	3155	3340				
T-57 ^{1 1/2} _{3 1/4} 92	2170, 2172	170	3020	3390	3580				
T-57 ^{1 1/2} _{3 1/4} 96	2155, 2175	170	3020	3390	3580				
T-63 ^{3 1/2} _{3 1/4} 105	2228, 2229, 2231	160	3240	3645	3850				
T-63 ^{3 1/2} _{3 1/4} 112	2235 to 2265	180	3865	4325	4565	575	665	740	
T-63 ^{3 1/2} _{3 1/4} 144	2303, 2309, 2310	200	5010	5615	5905	755	880	970	
T-63 ^{3 1/2} _{3 1/4} 160	2312 to 2352	200				815	955	1055	955
T-63 ^{3 1/2} _{3 1/4} 162s	2353 to 2362								
T-69 ^{3 1/2} _{3 1/4} 113	2212, 2214	180	3560	4005	4155	575	665	740	
T-69 ^{3 1/2} _{3 1/4} 124	2282	180	3650	4005	4155	575	665	740	
M-63 ^{3 1/2} _{3 1/4} 126	1615 to 1719	190	4315	4845	5065	660	765	845	
M-63 ^{3 1/2} _{3 1/4} 144	1725 to 1769, 1780 to 1803	200	5010	5615	5905	755	880	970	
M-63 ^{3 1/2} _{3 1/4} 147	1809, 1811	200	4510	5060	5310	650	765	845	
Mk-63 ^{3 1/2} _{3 1/4} 210s	3236 to 3269	200				1165	1355	1500	
TW-51 ^{3 1/2} _{3 1/4} 111	2957	160 170	4095	4600	4760				
TW-51 ^{3 1/2} _{3 1/4} 120	2938, 2939, 2941, 2942								
TW-55 ^{3 1/2} _{3 1/4} 155	2918, 2921, 2922	170	5125	5760	6075	790	915	1010	
TW-55 ^{3 1/2} _{3 1/4} 155	2914 to 2917, 2919, 2923	180	5125	5760	6075	790	915	1010	
C-57 ^{3 1/2} _{3 1/4} 172	2600, 2601, 2602, 2610	175				830	1000	1100	
C-57 ^{3 1/2} _{3 1/4} 176	2613, 2617, 2620	185				900	1050	1160	
C-57 ^{3 1/2} _{3 1/4} 173	2603 to 2609, 2611	200				845	985	1085	
C-57 ^{3 1/2} _{3 1/4} 177	2612, 2616, 2618, 2619	200				845	985	1085	
C-57 ^{3 1/2} _{3 1/4} 180	2633 to 2693	200	6000	6740	7110	940	1090	1195	
C-57 ^{3 1/2} _{3 1/4} 184	2701 to 2746, 2750	200	6000	6720	7090	940	1070	1175	
C-57 ^{3 1/2} _{3 1/4} 187	2513 to 2599, 2767 to 2790, 2800 to 2836	200	6000	6720	7090	940	1070	1175	
MC-57 ^{3 1/2} _{3 1/4} 401s	4029 to 4043	200				2170	2500	2750	2500
MC-57 ^{3 1/2} _{3 1/4} 395s	4044 to 4048								

ALLOWANCE FOR EMPTY AND UNDER-LOADED CARS -- MS

Less than 40 Ms. 6
40 to 50 Ms. 3
More than 50 Ms. 0

6 6 6 3 3 3 3
3 3 3 0 0 0 0
0 0 0 0 0 0 0

D. S. WEIR.....Fresno
J. C. MUIR.....Bakersfield
Trainmasters.

F. N. McPHEE,
Chief Dispatcher.

R. E. BEACH,
Night Chief Dispatcher.

Dispatchers. { E. F. Wasem.
C. M. Coonrod.
L. J. Baker.

J. J. Duggan.
C. H. Nichols.
J. S. Fockler.

F. B. Warner.
R. M. McLeod.
W. W. Burns.

F. M. WORTHINGTON, Superintendent.

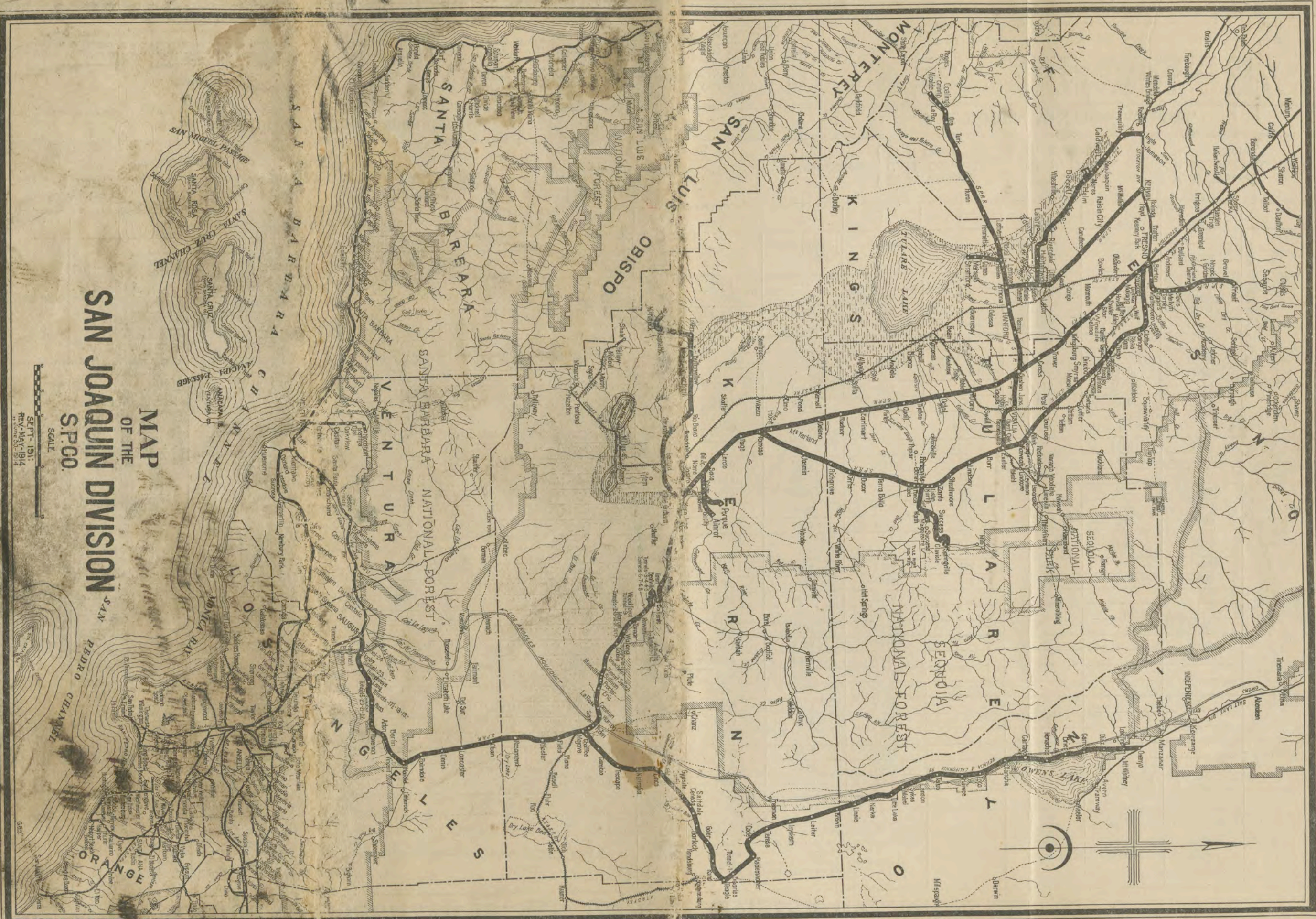
J. H. DODDS, Asst. Superintendent.

MILEAGE.

Main Lines.	
End Stockton Division to Fresno.....C. P. Ry.....	1.80
Fresno to Saugus.....S. P. R. R.	244.63
Kerman to Goshen Jct...Via Armona....S. P. R. R.	51.37
Total Main Line.....	297.08

Branches	
Alcalde .....S. P. R. R....Armona to Alcalde.....	44.32
Asphalto .....S. P. R. R....Bakersfield to Olig.....	50.60
Clovis .....S. P. R. R....Fresno to Friant.....	24.14
Fresno .....S. P. R. R....Fresno to Famosa.....	102.61
Magnesite .....S. P. R. R....Magnesite Jct. to Magnesite.	2.44
Oil City .....S. P. R. R. { Oil Jet to Ainrof.....6.21	8.61
Treadwell to Porque....2.40	

Owenyo .....C. P. Ry....Mojave to Owenyo.....	142.90
Riverdale .....S. P. R. R....Hardwick to Ingle.....	42.43
Springville .....S. P. R. R....Porterville to Springville...	15.86
Stratford .....S. P. R. R....Rossi to Stratford....	8.26
Visalia .....S. P. R. R....Goshen Jct. to Exeter....	16.76
Total Branches.....	453.39
Total San Joaquin Division.....	766.19



MAP OF THE
SAN JOAQUIN DIVISION
S.P.G.O.

SEPT.-1911
REV.-MAY-1914
J. J. Moore, SO. 1914

SCALE