

# SOUTHERN PACIFIC COMPANY



## TUCSON DIVISION

## TIMETABLE

# 123

EFFECTIVE SUNDAY, MAY 28, 1950

AT 12:01 A. M.

MOUNTAIN STANDARD TIME

FOR THE GOVERNMENT AND INFORMATION  
OF EMPLOYEES ONLY, WHO MUST ALSO  
CARRY COPY OF CURRENT ISSUE  
OF SPECIAL INSTRUCTIONS

R. E. HALLAWELL,  
*General Manager.*

E. D. MOODY,  
H. R. HUGHES,  
*Assistant General Managers.*

C. H. GRANT,  
*General Superintendent of Transportation.*

M. S. OLSEN  
*Superintendent of Transportation.*

G. A. BAYS,  
*Superintendent.*

### TRAINMASTERS

R. R. BADGLEY.....Yuma  
H. C. CHASE.....Tucson  
L. WISE.....Tucson  
B. B. KIMBALL.....Phoenix

### ASSISTANT TRAINMASTERS

J. H. VERMILLION.....Gila  
R. L. KING.....Gila  
B. M. BRAGDON.....Tucson

### ROAD FOREMEN OF ENGINES

C. L. STEINER.....Tucson  
F. BELLMER.....Tucson

### ASSISTANT ROAD FOREMAN OF ENGINES

J. E. TOMPKINS.....Yuma

### CHIEF TRAIN DISPATCHER

H. W. CASSADY.....Tucson

A. W. KILBORN  
Assistant Superintendent, Tucson

## HOSPITAL DEPARTMENT SURGEONS

LOCATION	NAME	TITLE
San Francisco	Dr. W. W. Washburn	Chief Surgeon
Yuma	Dr. C. S. Powell	District Physician and Surgeon
Yuma	Dr. W. C. Cain	Asst. Dist. Physician and Surgeon
Yuma	Dr. J. F. Stanley	Asst. Dist. Physician and Surgeon
Yuma	Dr. R. A. Stratton	Asst. Dist. Physician and Surgeon
Buckeye	Dr. B. P. Haymes	Emergency Physician and Surgeon
Buckeye	Dr. L. B. Galison	Emergency Physician and Surgeon
Phoenix	Dr. H. D. Ketcherside	District Physician and Surgeon
Phoenix	Dr. D. H. Goodman	Asst. Dist. Physician and Surgeon
Phoenix	Dr. Joseph Bank	Asst. Dist. Physician and Surgeon
Phoenix	Dr. Carlos C. Craig	Asst. Dist. Physician and Surgeon
Phoenix	Dr. Donald Polson	Asst. Dist. Physician and Surgeon
Phoenix	Dr. D. F. Harbridge	Oculist and Aurist
Phoenix	Dr. B. L. Melton	Aurist
Phoenix	Dr. O. W. Thoeny	Aurist
Tempe	Dr. M. W. Westervelt	District Physician and Surgeon
Tempe	Dr. B. J. Axel	Asst. Dist. Physician and Surgeon
Tempe	Dr. W. R. King	Oculist and Aurist
Mesa	Dr. M. L. Kent	District Physician and Surgeon
Chandler	Dr. D. I. Arnow	Dist. Physician and Surgeon
Coolidge	Dr. G. H. Walker	Emergency Physician and Surgeon
Gilbert	Dr. L. M. Tompkins	Emergency Physician and Surgeon
Florence	Dr. W. P. Tucker	District Physician and Surgeon
Ray	Dr. O. E. Utzinger	District Physician and Surgeon
Hayden	Dr. C. D. Huestis	District Physician and Surgeon
Gila	Dr. V. J. Jeffery	District Physician and Surgeon
Casa Grande	Dr. J. E. Reddin	District Physician and Surgeon
Tucson	Dr. C. E. Flood	Assistant to Chief Surgeon
Tucson	Dr. N. K. Thomas	Thoracic Surgeon
Tucson	Dr. R. W. Rudolph	Consulting Surgeon
Tucson	Dr. W. R. Manning	Consulting Surgeon
Tucson	Dr. J. B. Littlefield	Consulting Surgeon
Tucson	Dr. H. W. Kohl	Visiting Physician
Tucson	Dr. L. J. Kent	Attending Physician
Tucson	Dr. J. S. Mikell	Aurist
Tucson	Dr. Michael O'Connor	Oculist
Nogales	Dr. J. S. Gonzalez	District Physician and Surgeon
Nogales	Dr. Z. B. Noon	District Physician and Surgeon
Nogales	Dr. C. S. Smith	Oculist and Aurist
Benson	Dr. J. M. Hesser	District Physician and Surgeon
Willcox	Dr. B. E. Briscoe	District Physician and Surgeon
Willcox	Dr. R. A. Hicks	Asst. Dist. Physician and Surgeon
Willcox	Dr. W. F. Havemeyer	Asst. Dist. Physician and Surgeon
Bowie	Dr. F. W. Parrish	District Physician and Surgeon
Lordsburg	Dr. Herman S. Cohen	District Physician and Surgeon
Safford	Dr. J. N. Stratton	District Physician and Surgeon
Safford	Dr. F. W. Butler	Asst. Dist. Physician and Surgeon
San Carlos	Dr. Sander Saitpya	District Physician and Surgeon
Globe	Dr. C. Gunter	District Physician and Surgeon
Globe	Dr. W. E. Bishop	Asst. Dist. Physician and Surgeon
Miami	Dr. C. M. Cron	District Physician and Surgeon
Miami	Dr. I. E. Harris	Asst. Dist. Physician and Surgeon

**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.

### HOSPITALS

GENERAL HOSPITAL	SAN FRANCISCO, CALIF.
DIVISION—ST. JOSEPH'S HOSPITAL	PHOENIX, ARIZ.
DIVISION—ST. MARY'S HOSPITAL	TUCSON, ARIZ.
EMERGENCY HOSPITAL	TUCSON, ARIZ.
EMERGENCY HOSPITAL	GILA, ARIZ.

### WATCH INSPECTORS

San Francisco	C. D. Fabrin, Manager of Time Service, 65 Market St.
Yuma	Gilbert Devendorf Daniels Jewelry Co.
Yuma	R. V. Hodges, 114 Main St.
Phoenix	H. H. Howard
Tucson	Seth E. Rogers, 319 E. Congress St.
Nogales	Frank E. Savitt, c/o Grunewald & Adams
Benson	Dennis D. Lowery
Lordsburg	H. H. Conder
Safford	Adolph J. Cubitto
Globe	M. A. & M. G. Cubitto
Miami	J. C. Cubitto, Jr.

### LOCATION OF STANDARD CLOCKS

Benson	Train-order Office
Bowie	Train-order Office
Gila	Train-order Office
Globe	Train-order Office
Hayden Junction	Train-order Office
Nogales	Train-order Office
Phoenix	Engr. Reg. Room—Union Depot
Phoenix	7th St. Train-order Office
Phoenix	Register Office—Yard
San Simon	Train-order Office
Tucson	Train-order Office
Tucson	Dispatchers' Office
Tucson	North Yard Office
Tucson	VE Yard Train-order Office
Tucson	Yard Office—PFE Yard
Tucson	Yard Office—Park St. Yard
Tucson	Crew Dispatchers' Office, Roundhouse
Yuma	Yard Train-order Office PT
Yuma	Yard Train-order Office MT
Yuma	Yard Office, East Yard PT
Yuma	Yard Office, East Yard MT
Yuma	Register Room—Roundhouse PT
Yuma	Register Room—Roundhouse MT

MEMORANDUM

DATE

TO

FROM

SUBJECT

REFERENCE

REMARKS

INITIALS

SIGNATURE

DATE

TIME

PLACE

WEATHER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

WIND

SEA

TEMPERATURE

HUMIDITY

BAROMETER

NO. 1

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

NO. 8

NO. 9

NO. 10

NO. 11

NO. 12

NO. 13

NO. 14

NO. 15

NO. 16

NO. 17

NO. 18

NO. 19

NO. 20

NO. 21

NO. 22

NO. 23

NO. 24

NO. 25

NO. 26

NO. 27

NO. 28

NO. 29

NO. 30

NO. 31

NO. 32

NO. 33

NO. 34

NO. 35

NO. 36

NO. 37

NO. 38

NO. 39

NO. 40

NO. 41

NO. 42

NO. 43

NO. 44

NO. 45

NO. 46

WELLTON SUBDIVISION

EASTWARD

FIRST CLASS

Capacity of sidings	FIRST CLASS									Mile Post Location	Timetable No. 123 May 28, 1950	Distance from Yuma
			2	4	40	6	44	370				
			Sunset Limited	Golden State	Imperial	Argonaut	Cherokee	A. O. N.				
			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sun., Mon			
			PM 9.55	PM 7.35	PM 4.35	AM 4.50	AM 3.45	AM 2.20		732.7		
	BKWOTYP									737.4		
	P		10.05	7.43	4.45	5.00	3.55	2.30		737.5		
	58 P		<b>10.09</b>							740.1		
	115 P		10.12	7.49	4.52	5.07	4.01	2.38		743.7		
	58 P							<b>2.42</b>		746.6		
	104 P		10.20	7.56	4.59	5.15	4.08	2.46		750.6		
	M 73 P		10.25	8.00	5.04	5.20	f 4.13	2.51		753.5		
	64 Yard Limits WIP		10.45	8.19	5.24	f 5.40 AM	f 4.33	3.11		770.0		
	66 P		10.52	8.25	5.31		4.40	3.19		775.7		
	67 P		<b>10.58</b>	8.30	5.37		f 4.48	3.26		780.9		
	69 P		11.10	8.40	5.49		5.00	3.39		793.2		
	71 P		11.19	8.49	5.58		5.09	3.48		802.5		
	69 P		<b>11.29</b>	8.58	6.08		5.19	3.58		812.7		
	70 WP		11.38	9.06	6.18		f 5.30	4.08		822.3		
	71 P		11.47	9.14	6.27		5.39	4.17		831.1		
	71 P		PM 11.57	9.23	6.37		5.49	4.27		841.1		
	71 P		AM 12.11	<b>9.33</b>	6.50		6.03	4.41		851.0		
	69 P		12.21	9.43	7.01		6.14	4.54		861.3		
	69 P		12.27	9.47	7.07		6.20	5.03		865.7		
	68 P		<b>12.34</b>	9.52	7.14		6.27	5.09		871.5		
	74 P		12.39	9.56	c 7.19		s 6.35	5.14		875.7		
	68 P		12.46	10.01	7.26		6.41	5.21		881.7		
	68 YP		12.55	<b>10.09</b>	7.35		c 6.50	5.32		889.7		
	96 P		12.59	10.13	7.39		6.55	5.37		893.0		
	70 P		1.05	10.18	7.45		7.02	5.44		898.1		
	71 P		1.11	10.23	7.51		7.08	5.52		904.0		
										905.5		
	BKWP		s 1.20 AM	s 10.30 PM	s 8.00 PM		s 7.20 AM			906.0		
	BKWOTYP							6.15 AM		907.0		
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sun., Mon			
			(3.25) 50.69	(2.55) 59.38	(3.25) 50.69	(0.50) 44.64	(3.35) 48.33	(3.55) 44.22				

Automatic Block System

STATIONS		Distance from Yuma
TO-R	<b>YUMA</b>	0.0
	4.7	
TO-R	<b>EAST YARD</b>	4.7
	2.6	
	<b>ARABY</b>	7.3
	3.6	
	<b>FORTUNA</b>	10.9
	2.9	
	<b>BLAISDELL</b>	13.8
	4.0	
	<b>KINTER</b>	17.8
TO	<b>DOME</b>	20.7
	16.5	
TO	<b>WELLTON</b>	37.2
	5.7	
	<b>MING</b>	42.9
	5.2	
	<b>ROLL</b>	48.1
	12.3	
	<b>GROWLER</b>	60.4
	9.3	
	<b>KOFA</b>	69.7
	10.2	
	<b>HORN</b>	79.9
	9.6	
TO	<b>HYDER</b>	89.5
	8.8	
	<b>MONTEZUMA</b>	98.3
	10.0	
	<b>SADDLE</b>	108.3
	9.9	
	<b>GILLESPIE</b>	118.2
	10.3	
	<b>ARLINGTON</b>	128.5
	4.4	
	<b>DIXIE</b>	132.9
	5.8	
	<b>CONGER</b>	138.7
	4.2	
TO	<b>BUCKEYE</b>	142.9
	6.0	
	<b>LIBERTY</b>	148.9
	8.0	
TO	<b>LITCHFIELD</b>	156.9
	3.3	
	<b>CASHION</b>	160.2
	5.1	
	<b>FOWLER</b>	165.3
	5.9	
	<b>23rd AVE. PHOENIX</b>	171.2
	1.5	
	<b>Crossing—AT&amp;SFry Wye</b>	172.7
	0.5	
R	<b>PHOENIX</b>	173.2
	1.0	
TO-R	<b>PHOENIX YARD</b>	174.2
	(174.2)	

**RULE 5.** Schedule time and train-order time for eastward trains at East Yard and Phoenix Yard apply at end of double track.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**RULE 93.** At Phoenix AT&SFry and SP trains may jointly use tracks at east and west end of Union Station. Yard and light engines must take every precaution possible to avoid delaying first-class trains on all tracks within Union Station zone. Trains will approach switch at entrance to Union Station tracks prepared to stop and will proceed only when track is known to be clear.

# WELLTON SUBDIVISION

Mile Post Location	Timetable No. 123 May 28, 1950	Distance from Phoenix Yard	WESTWARD											
			FIRST CLASS											
			39 Imperial	5 Argonaut	43 Cherokee	1 Sunset Limited	3 Golden State							
	<b>STATIONS</b>		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily							
732.7	TO-R <b>YUMA</b> 4.7	174.2	PM 3.35	PM 10.30	AM 12.10	AM 1.15	AM 3.00							
737.4 737.5	R <b>EAST YARD</b> 2.6	169.5												
740.1	<b>ARABY</b> 3.6	166.9	3.14	<b>10.09</b>	11.52 PM	12.57	2.48							
743.7	<b>FORTUNA</b> 2.9	163.3	3.09	10.00	11.47	12.52								
746.6	<b>BLAISDELL</b> 4.0	160.4					<b>2.42</b>							
750.6	<b>KINTER</b> 2.9	156.4	3.02	9.53	11.40	12.45	2.37							
753.5	TO <b>DOME</b> 16.5	153.5	2.57	9.48	f 11.35	12.40	2.32							
770.0	TO <b>WELLTON</b> 5.7	137.0	2.37	9.28 PM	f 11.14	12.20	2.12							
775.7	<b>MING</b> 5.2	131.3	2.31		11.06	12.14	2.06							
780.9	<b>ROLL</b> 12.3	126.1	2.26		f <b>10.58</b>	12.07 AM	2.01							
793.2	<b>GROWLER</b> 9.3	113.8	2.14		10.40	11.55 PM	1.50							
802.5	<b>KOFA</b> 10.2	104.5	2.05		10.30	11.43	1.41							
812.7	<b>HORN</b> 9.6	94.3	1.55		10.20	<b>11.29</b>	1.31							
822.3	TO <b>HYDER</b> 8.8	84.7	1.45		f 10.10	11.18	1.22							
831.1	<b>MONTEZUMA</b> 10.0	75.9	1.36		9.57	11.09	1.14							
841.1	<b>SADDLE</b> 9.9	65.9	1.26		9.47	11.00	1.04							
851.0	<b>GILLESPIE</b> 10.3	56.0	1.16		<b>9.33</b>	10.50	12.54							
861.3	<b>ARLINGTON</b> 4.4	45.7	1.06		9.20	10.40	12.44							
865.7	<b>DIXIE</b> 5.8	41.3	1.02		9.15	10.36	12.40							
871.5	<b>CONGER</b> 4.2	35.5	12.56		9.08	10.29	<b>12.34</b>							
875.7	TO <b>BUCKEYE</b> 6.0	31.3	c 12.52		s 9.00	10.25	12.30							
881.7	<b>LIBERTY</b> 8.0	25.3	12.45		8.46	10.18	12.24							
889.7	TO <b>LITCHFIELD</b> 3.3	17.3	12.36		f 8.35	<b>10.09</b>	12.16							
893.0	<b>CASHION</b> 5.1	14.0	12.32		8.24	10.02	12.12							
898.1	<b>FWLER</b> 5.9	8.9	12.26		8.17	9.57	12.07							
904.0	<b>23rd AVE. PHOENIX</b> 1.5	3.0	12.20		8.10	9.51	12.01 AM							
905.5	<b>Crossing—AT&amp;SFRy Wye</b> 0.5	1.5												
906.0	R <b>PHOENIX</b> 1.0	1.0	12.15 PM		8.00 PM	9.45 PM	11.55 PM							
907.0	TO-R <b>PHOENIX YARD</b>	0.0												
	(174.2)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily							
	.....Time over District.....		(3.20)	(1.02)	(4.10)	(3.30)	(3.05)							
	.....Average Speed per Hour.....		51.96	36.00	41.57	49.48	56.17							

**RULE 5.** Schedule time and train-order time for eastward trains at East Yard and Phoenix Yard apply at end of double track.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**RULE 93.** At Phoenix AT&SFRy and SP trains may jointly use tracks at east and west end of Union Station. Yard and light engines must take every precaution possible to avoid delaying first-class trains on all tracks within Union Station zone. Trains will approach switch at entrance to Union Station tracks prepared to stop and will proceed only when track is known to be clear.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Granite Spur.....	755.2	..
Ligurta..... (Spur)	760.2	12
Tyson..... (Spur)	788.3	31
Harqua..... (Spur)	849.4	4
Crag..... (Spur)	856.0	39
Hassayampa.... (Spur)	867.6	12
Palo Verde.....	870.2	..
Norton.....	884.9	..
Tolleson.....	895.7	..
Cotpro.....	900.8	..
Campo.....	902.0	..

WELLTON SUBDIVISION

EASTWARD

SECOND CLASS

Capacity of sidings						846 Freight	902 Freight	844 Freight	842 Freight	Mile Post Location
						Leave Daily	Leave Daily	Leave Daily	Leave Daily	
Yuma, yd.	BKWOTYP					PM 4.40	PM 2.00	AM 8.20	AM 1.00	732.7
	P					4.55	2.15	8.35	1.15	737.4 737.5
	58	P				4.59	2.19	8.39	1.19	740.1
	115	P				5.04	2.24	8.44	1.24	743.7
	58	P				5.08	2.28	8.48	1.28	746.6
	104	P				5.15	2.35	8.55	1.35	750.6
	M 73	P				5.20	2.40	9.00	1.40	753.5
	64	Yard Limits WIP				5.47 PM	3.17	9.27 AM	2.07 AM	770.0
	66	P					3.25			775.7
	67	P					3.33			780.9
	69	P					3.59			793.2
	71	P					4.14			802.5
	69	P					4.32			812.7
	70	WP					4.55			822.3
	71	P					5.10			831.1
	71	P					5.27			841.1
	71	P					5.52			851.0
	69	P					6.10			861.3
	69	P					6.18			865.7
	68	P					6.28			871.5
	74	P					6.35			875.7
	68	P					6.46			881.7
	68	YP					7.00			889.7
	96	P					7.06			893.0
	70	P					7.15			898.1
Phoenix yard	71	P					7.25			904.0
										905.5
		BKWP								906.0
		BKWOTYP								907.0
							7.35 PM			
						Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	
						(1.07) 33.28	(5.35) 31.20	(1.07) 33.28	(1.07) 33.28	

Timetable No. 123

May 28, 1950

STATIONS

TO-R	YUMA	} T U	0.0
TO-R	EAST YARD		4.7
	ARABY		7.3
	FORTUNA		10.9
	BLAISDELL		13.8
	KINTER		17.8
TO	DOME	} T U	20.7
TO	WELLTON		37.2
	MING		42.9
	ROLL		48.1
	GROWLER		60.4
	KOFA		69.7
	HORN		79.9
TO	HYDER		89.5
	MONTEZUMA		98.3
	SADDLE		108.3
	GILLESPIE		118.2
	ARLINGTON		128.5
	DIXIE		132.9
	CONGER		138.7
TO	BUCKEYE		142.9
	LIBERTY		148.9
TO	LITCHFIELD		156.9
	CASHION		160.2
	FOWLER		165.3
	23rd AVE. PHOENIX		171.2
	Crossing—AT&SFry Wye		172.7
R	PHOENIX	} T U	173.2
TO-R	PHOENIX YARD		174.2
	(174.2)		
.....Time over District.....			
.....Average Speed per Hour.....			

Automatic Block System

**RULE 5.** Schedule time and train-order time for eastward trains at East Yard and Phoenix Yard apply at end of double track.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

Capacity of sidings		EAST- WARD	WEST- WARD
		Mile Post Location	Distance from Litchfield Park
68	YP	889.7	5.0
		894.7	0.0
(5.0)			

Timetable No. 123

May 28, 1950

Litchfield Branch

STATIONS

TO	LITCHFIELD	5.0
	LITCHFIELD PARK	0.0

**WELLTON SUBDIVISION**

EASTWARD						Mile Post Location	Timetable No. 123 May 28, 1950	Distance from Gila	WESTWARD		
Capacity of sidings	SECOND CLASS			FIRST CLASS					STATIONS	5	
	846	844	842	6							Argonaut
	Freight	Freight	Freight	Argonaut							
Leave Daily	Leave Daily	Leave Daily	Leave Daily		Arrive Daily						
64 Yard Limits WIP	PM 5.47	AM 9.27	AM 2.07	AM 5.40		770.0	TO WELLTON	85.7	f PM 9.28		
104 P	5.57	9.37	2.17	5.50		776.4	6.4 TACNA	79.3	9.20		
104 P	6.07	9.47	2.27	6.00		783.8	7.4 COLFRED	71.9	9.10		
104 P	6.20	10.00	2.40	f 6.15		792.6	8.8 MOHAWK	63.1	f 8.56		
104 P	6.33	10.13	2.53	6.30		800.5	7.9 STOVAL	55.2	8.46		
90 P	6.40	10.20	3.00	f 6.40		806.2	5.7 DATELAND	49.5	f 8.38		
W 124 E 59 WP	6.47	10.27	3.07	f 6.48		811.9	5.7 AZTEC	43.8	f 8.28		
104 P	6.57	10.37	3.17	6.58		819.7	7.8 STANWIX	36.0	8.15		
W 102 E 68 WP	7.09	10.50	3.30	s 7.10		826.1	6.4 SENTINEL	29.6	s 8.05		
104 P	7.30	11.11	3.51	7.26		839.9	13.8 PIEDRA	15.8	7.46		
59 P	7.39	11.20	4.00	7.32		845.5	5.6 THEBA	10.2	7.39		
104 P	7.47	11.27	4.07	7.37		850.3	4.8 SMURR	5.4	7.32		
Yard Limits BKWOYP	7.55 PM	11.35 AM	4.15 AM	s 7.45 AM		855.7	5.4 GILA	0.0	7.25 PM		
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(85.7)		Leave Daily		
	(2.08) 40.17	(2.08) 40.17	(2.08) 40.17	(2.05) 40.50			Time over District.....		(2.03)		
							Average Speed per Hour.....		41.80		

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Tartron.....	833.1	..

Nos. 5 and 6 stop daily at MP 781 between Tacna and Colfred to exchange U. S. Mail in locker box.

**YUMA VALLEY RAILROAD**

Capacity of sidings	Mile Post Location	Timetable No. 123 May 28, 1950		Distance from Gadsden
		STATIONS		
		EASTWARD	WESTWARD	
Yuma yard P	0.0	TO-R YUMA		21.0
16	1.0	1.0 U.S.R.S.		20.0
19	8.5	7.5 WILLETTS		12.5
21	15.0	6.5 SOMERTON		6.0
	21.0	6.0 GADSDEN		0.0
		(21.0)		

**SPECIAL INSTRUCTIONS**

Southern Pacific Company Rules and Regulations of the Transportation Department, Air Brake Rules, and Special Instructions in Tucson Division Timetable govern on YVRR.

Trains will not exceed speed 10 MPH except must not exceed 8 MPH over trestle at U.S.R.S.

Engines weighing over 150,000 pounds on drivers must not operate on Y. V. R. R.

Impaired side clearance at Spillway, MP 10.25.

At Yuma, normal position of junction switch will be for YVRR main track.

**RULE 93:** Yard limits are established at Yuma.

U.S.R.S. yard, Yuma, and Ludy Spur must not be used.

Track out service and must not be used east of MP 18 (Somerton).

Load limit (car and contents):

Yuma-Gadsden .....169,000 pounds  
Unless authorized by Superintendent, heavier loads must not be handled.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Ludy.....(Spur)	3.0	25
Spillway.....(Spur)	10.2	8

PICACHO SUBDIVISION

EASTWARD

FIRST CLASS

Capacity of sidings		4	40	44	6	370	2	Mile Post Location	Timetable No. 123 May 28, 1950	Distance from Phoenix	
		Golden State	Imperial	Cherokee	Argonaut	A. O. N.	Sunset Limited				
		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily Ex. Sun., Mon	Leave Daily		STATIONS		
Phoenix yard	BKWP	PM 10.40	PM 8.15	AM 7.45			AM 1.35	906.0	D. F.	R PHOENIX	0.0
	BKWOTYP	10.43	8.18	7.50		AM 6.45	1.39	907.0		TO-R PHOENIX YARD	1.0
Yd. Lmts.	P	10.48	8.23	7.57		6.50	1.46	911.1	TO	4.1 KENDALL	5.1
	75 YP	10.52	8.29	s 8.12		7.00	1.52	914.4		3.3 TEMPE	8.4
	P							915.3	0.9 TEMPE JCT.	9.3	
	P							917.1	1.8 NORMAL JCT.	11.1	
Yard Limits	74 WYP	11.05	c 8.40	s 8.36		7.12	f 2.04	921.8	TO	4.7 MESA	15.8
	77 P	11.10	8.43	8.39		7.15	2.07	923.6	1.8 McQUEEN	17.6	
	75 P	c 11.17	8.50	s 8.56		7.23	c 2.15	929.3	TO	5.7 CHANDLER	23.3
	72 P	11.22	8.56	9.02		7.29	2.20	934.3	5.0 SERAPE	28.3	
	63 P	11.27	9.01	9.07		7.34	2.25	939.0	4.7 SANTAN	33.0	
	63 P	11.31	9.05	9.11		7.39	2.29	943.2	4.2 DOCK	37.2	
	68 P	11.41	9.15	9.21		7.50	2.39	953.2	10.0 BLACKWATER	47.2	
	115 P	11.46	9.20	9.27		7.56	2.44	958.2	5.0 POSTON	52.2	
	69 WP	c 11.50	c 9.24	s 9.46		8.12	c 2.48	962.0	TO	3.8 COOLIDGE	56.0
	63 P	PM 11.59	9.34	10.01		8.25	2.58	971.4	9.4 TOPAZ	65.4	
N 87 S 80	Yd. Lmts. WIYP	AM 12.07	9.42	10.09	AM 10.03	8.33	3.06	979.7 936.7	TO	8.3 PICACHO JCT.	73.7
	68 P		9.46	10.17	10.08	8.39	3.10	940.7	4.0 OCATILLA	77.7	
	87 P	12.13	9.49	10.21	10.14	8.43	3.14	944.2	3.5 WYMOLA	81.2	
	67 P					8.47		947.9	3.7 MONTROSE	84.9	
W 81 E 84	WP	12.19	9.56	10.28	10.23	8.51	3.22	951.4	TO	3.5 RED ROCK	88.4
	62 P							954.3	2.9 AVRA	91.3	
	172 P	12.26	10.03	10.35	10.30	8.59	3.29	958.4	4.1 NAVISKA	95.4	
	64 P		10.07	10.39	10.34	9.03	3.33	962.2	3.8 MARANA	99.2	
	89 P							964.6	2.4 PAPAGO	101.6	
	171 WP	12.33	10.11	10.46	c 10.39	9.08	3.37	966.9	TO	2.3 RILLITO	103.9
	88 P		10.14	10.49	10.42	9.12		969.9	3.0 SABINO	106.9	
	78 P						3.42	972.1	2.2 CORTARO	109.1	
	87 P		10.18	10.53	10.46	9.17		974.7	2.6 KINO	111.7	
W 80 E 82	P	12.39	10.22	10.56	10.49	9.20	3.47	977.4	2.7 JAYNES	114.4	
	P	12.43	10.28	11.00	10.52	9.25	3.51	981.2	3.8 STOCKHAM	118.2	
Tucson yard	BKWOITYP	s 12.50 AM	s 10.40 PM	s 11.10 AM	s 11.00 AM	9.35 AM	s 4.00 AM	983.9	TO-R	2.7 TUCSON	120.9
		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily Ex. Sun., Mon	Arrive Daily		(120.9)		
		(2.10) 55.80	(2.25) 50.03	(3.25) 35.39	(0.57) 49.68	(2.50) 42.32	(2.25) 50.03		Time over District.....		
									Average Speed per Hour.....		

**RULE 5.** Schedule time and train-order time for eastward trains at Phoenix Yard, and for westward trains at Stockham apply at end of double track.

Second main track between east end Phoenix Yard and Kendall, may be used by freight trains when authorized by train order. Single track rules apply.

**RULE S-72.** Exceptions: Nos. 2, 4 and 40 are superior to Nos. 43, 5, and 1.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**RULE 93.** At Phoenix AT&SFry and SP trains may jointly use tracks at east and west end of Union Station. Yard and light engines must take every precaution possible to avoid delaying first-class trains on all tracks within Union Station zone. Trains will approach switch at entrance to Union Station tracks prepared to stop and will proceed only when track is known to be clear.

No. 44 exchange mail at Randolph, stopping if necessary.



PICACHO SUBDIVISION

Mile Post Location	Timetable No. 123 May 28, 1950		Distance from Tucson	WESTWARD									
				FIRST CLASS									
				39	43	5	1	3					
STATIONS			Imperial	Cherokee	Argonaut	Sunset Limited	Golden State						
			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily						
906.0	R	PHOENIX 1.0	120.9	AM	PM		PM	PM					
907.0	TO-R	PHOENIX YARD 4.1	119.9	s 11.55	s 7.20		s 9.30	s 11.45					
911.1		KENDALL 3.3	115.8	11.45	7.03		9.25	11.37					
914.4	TO	TEMPE 0.9	112.5	11.40	s 6.58		9.20	11.32					
915.3		TEMPE JCT. 1.8	111.6				9.15	11.27					
917.1		NORMAL JCT. 4.7	109.8										
921.8	TO	MESA 1.8	105.1	c 11.28	s 6.40		f 9.03	11.15					
923.6		McQUEEN 5.7	103.3	11.23	6.28		8.58	11.10					
929.3	TO	CHANDLER 5.0	97.6	c 11.15	s 6.20		c 8.50	c 11.03					
934.3		SERAPE 4.7	92.6	11.07	6.01		8.42	10.56					
939.0		SANTAN 4.2	87.9	11.02	5.56		8.37	10.51					
943.2		DOCK 10.0	83.7	10.58	5.51		8.33	10.47					
953.2		BLACKWATER 5.0	73.7	10.48	5.41		8.23	10.37					
958.2		POSTON 3.8	68.7	10.43	5.36		8.18	10.32					
962.0	TO	COOLIDGE 9.4	64.9	c 10.39	s 5.30		8.14	c 10.28					
971.4		TOPAZ 8.3	55.5	10.29	5.09		8.04	10.18					
979.7 936.7	TO	PICACHO JCT. 4.0	47.2	10.21	5.00		c PM 5.10	7.56	10.10				
940.7		OCATILLA 3.5	43.2	10.17	4.54		5.04	7.51					
944.2		WYMOLA 3.7	39.7	10.14	4.51		5.01	7.48	10.03				
947.9		MONTROSE 3.5	36.0	10.10	4.47		4.57	7.45					
951.4	TO	RED ROCK 2.9	32.5	10.07	4.44		4.54	7.42	9.56				
954.3		AVRA 4.1	29.6										
958.4		NAVISKA 3.8	25.5	10.01	4.37		4.47	7.36	9.50				
962.2		MARANA 2.4	21.7	9.57	4.33		4.43	7.32					
964.6		PAPAGO 2.3	19.3						9.45				
966.9	TO	RILLITO 3.0	17.0	9.53	4.29		4.39	7.28					
969.9		SABINO 2.2	14.0	9.50	4.26		4.36	7.25	9.40				
972.1		CORTARO 2.6	11.8										
974.7		KINO 2.7	9.2	9.46	4.21		4.31	7.21	9.36				
977.4		JAYNES 3.8	6.5										
981.2	TO	STOCKHAM 2.7	2.7	9.41	4.16		4.26	7.16	9.31				
983.9	TO-R	TUCSON	0.0	9.35 AM	4.10 PM		4.20 PM	7.10 PM	9.25 PM				
(120.9)				Leave Daily	Leave Daily		Leave Daily	Leave Daily					
.....Time over District.....				(2.20)	(3.10)		(0.50)	(2.20)	(2.20)				
.....Average Speed per Hour.....				51.81	38.18		56.64	51.81	51.81				

**RULE 5.** Schedule time and train-order time for eastward trains at Phoenix Yard, and for westward trains at Stockham apply at end of double track.

Second main track between east end Phoenix Yard and Kendall, may be used by freight trains when authorized by train order. Single track rules apply.

**RULE S-72.** Exceptions: Nos. 2, 4 and 40 are superior to Nos. 43, 5, and 1.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**RULE 93.** At Phoenix AT&SFRy and SP trains may jointly use tracks at east and west end of Union Station. Yard and light engines must take every precaution possible to avoid delaying first-class trains on all tracks within Union Station zone. Trains will approach switch at entrance to Union Station tracks prepared to stop and will proceed only when track is known to be clear.

PICACHO SUBDIVISION

EASTWARD

SECOND CLASS

Capacity of sidings						856	854	852	904	Mile Post Location	Timetable No. 123 May 28, 1950		Distance from Phoenix
						Freight	Freight	Freight	Freight		STATIONS		
						Leave Daily	Leave Daily	Leave Daily	Leave Daily				
Phoenix yard	BKWP									906.0	R PHOENIX	D. U.	0.0
	BKWOTYP								AM 12.05	907.0	TO-R PHOENIX YARD		1.0
	P								12.15	911.1			5.1
Yd. Lmts.	75 YP								12.30	914.4	TO TEMPE		8.4
	P									915.3	TEMPE JCT.		9.3
	P									917.1	NORMAL JCT.		11.1
Yard Limits	74 WYP								12.55	921.8	TO MESA		15.8
	77 P								1.00	923.6	McQUEEN		17.6
	75 P								1.10	929.3	TO CHANDLER		23.3
	72 P								1.17	934.3	SERAPE		28.3
	63 P								1.24	939.0	SANTAN		33.0
	63 P								1.30	943.2	DOCK		37.2
	68 P								1.44	953.2	BLACKWATER		47.2
	115 P								1.51	958.2	POSTON		52.2
	69 WP								2.20	962.0	TO COOLIDGE		56.0
	63 P								2.42	971.4	TOPAZ		65.4
N 87 S 80	Yd. Lmts. WIYP					PM 11.00	PM 2.26	AM 7.00	2.55	979.7 936.7	TO PICACHO JCT.		73.7
	68 P					11.06	2.32	7.07	3.01	940.7	OCATILLA		77.7
	87 P					11.10	2.36	7.12	3.05	944.2	WYMOLA		81.2
	67 P					11.15	2.41	7.18	3.10	947.9	MONTROSE		84.9
W 81 E 84	WP					11.19	2.45	7.23	3.14	951.4	TO RED ROCK		88.4
	62 P					11.23	2.49	7.28	3.18	954.3	AVRA		91.3
	172 P					11.28	2.54	7.34	3.29	958.4	NAVISKA		95.4
	64 P					11.33	2.59	7.39	3.34	962.2	MARANA		99.2
	89 P					11.37	3.03	7.43	3.38	964.6	PAPAGO		101.6
	171 WP					11.41	3.07	7.47	3.42	966.9	TO RILLITO		103.9
	88 P					11.45	3.11	7.51	3.46	969.9	SABINO		106.9
	78 P					11.49	3.15	7.55	3.50	972.1	CORTARO		109.1
	87 P					11.53	3.19	7.59	3.54	974.7	KINO		111.7
W 80 E 82	P					PM 11.57	3.23	8.03	3.58	977.4	JAYNES		114.4
	P					AM 12.01	3.27	8.07	4.02	981.2	STOCKHAM	D. U.	118.2
	Tucson yard BKWOITYP					12.10 AM	3.35 PM	8.15 AM	4.15 AM	983.9	TO-R TUCSON		
						Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(120.9)		
						(1.10) 40.46	(1.09) 41.04	(1.15) 37.76	(4.10) 28.77			Time over District.....	
											Average Speed per Hour.....		

**RULE 5.** Schedule time and train-order time for eastward trains at Phoenix Yard, and for westward trains at Stockham apply at end of double track.

Second main track between east end Phoenix Yard and Kendall, may be used by freight trains when authorized by train order. Single track rules apply.

**RULE 86.** Except where Rule D-251 applies, second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for Nos. 3 and 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Aristuc..... (Spur)	909.43	11
Tovrea.....	911.8	20
Yeso..... (Spur)	912.9	18
Tremaine.....	925.4	36
Falfa.....	926.1	31
Pozo..... (Spur)	931.0	15
Olberg..... (Spur)	948.1	28
Randolph.....	966.4	..
Peak.....	975.2	..
Picacho.....	937.7	..

**PICACHO SUBDIVISION**

EASTWARD				Mile Post Location	Timetable No. 123 May 28, 1950	Distance From Picacho Jct.	WESTWARD					
Capacity of sidings	SECOND CLASS						FIRST CLASS		FIRST CLASS			
	856	854	852				6		5			
	Freight	Freight	Freight				Argonaut		Argonaut			
	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Arrive Daily						
Yard Limits BKWOYP	PM 8.35	PM 12.01	AM 4.35	AM 7.55	855.7	81.0	s	PM 7.15				
105 P	9.00	12.26	5.00	8.10	865.1	71.6		7.02				
105 P	9.17	12.43	5.17	8.20	871.2	65.5		6.52				
105 YP	9.30	12.56	5.30	f 8.30	874.6	62.1	f	6.47				
104 P	9.44	1.10	5.44	f 8.40	883.7	53.0	f	6.35				
58 P	9.52	1.18	5.52	8.46	888.4	48.3		6.26				
59 P	10.00	1.26	6.00	8.51	892.8	43.9		6.21				
140 WP	10.09	1.35	6.09	s 9.00	897.8	38.9	s	6.15				
104 P	10.21	1.47	6.21	9.10	907.7	29.0		5.58				
Yard Limits WP	10.35	2.01	6.35	s 9.30	918.8	17.9	s	5.45				
104 P	10.47	2.13	6.47	c 9.42	928.4	8.3	c	5.31				
69 P	10.53	2.19	6.53	s 9.55	933.1	3.6	s	5.25				
N 87 Yard Limits WIYP	11.00 PM	2.26 PM	7.00 AM	f 10.03 AM	936.7	0.0		5.10 PM				
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Leave Daily						
	(2.25) 33.51	(2.25) 33.51	(2.25) 33.51	(2.08) 37.96				(2.05) 38.88				
						Time over District.....						
						Average Speed per Hour.....						

North track, east of crossover at Maricopa, capacity 82 cars, must be left clear of cars for use in meeting or passing trains as directed by train dispatcher.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Coledon .....	859.1	..
Seco..... (Spur)	921.0	18

PICACHO SUBDIVISION

Capacity of sidings		EAST-WARD Mile Post Location	Timetable No. 123 May 28, 1950 Christmas Branch STATIONS	WEST-WARD Distance from Christmas
77	P	923.6	McQUEEN	86.9
68	P	927.0	3.4 TO GILBERT	83.5
		932.0	5.0 HIGLEY	78.5
		935.6	3.6 GERMANN	74.9
		938.1	2.5 RITTENHOUSE	72.4
	P	941.6	3.5 QUEEN CREEK	68.9
	P	949.8	8.2 MAGMA	60.7
21	WP	959.0	9.2 TO FLORENCE	51.5
	P	969.0	10.0 PRICE	41.5
	P	975.2	6.2 COCHRAN	35.3
	P	983.1	7.9 ZELLWEGER	27.4
Yard Limits	P	987.8	4.7 TO-R RAY JCT.	22.7
		994.9	7.1 BRANAMAN	15.6
Yard Limits	Y	999.7	4.8 BURNS	10.8
		BKWOYP 1000.2	0.5 TO-R HAYDEN JCT.	10.3
		P 1002.1	1.9 TO HAYDEN	8.4
		1010.5	8.4 CHRISTMAS	0.0

(86.9)

Capacity of sidings		EAST-WARD Mile Post Location	Timetable No. 123 May 28, 1950 Creamery Branch STATIONS	WEST-WARD Distance from Normal Jct.
Yd. Lmts.	75 WYP	914.4	TO TEMPE	2.1
		915.4	1.0 CREAMERY	1.1
		916.5	1.1 NORMAL JCT.	0.0
(2.1)				

Capacity of sidings		EAST-WARD Mile Post Location	Timetable No. 123 May 28, 1950 Tempe Branch STATIONS	WEST-WARD Distance from West Chandler
Yard Limits	P	915.3	TEMPE JCT.	7.7
		917.7	2.4 PETERSON	5.3
		920.1	2.4 HELENA	2.9
		923.0	2.9 WEST CHANDLER	0.0

(7.7)

Kennecott Copper Corporation R.R. between Hayden Jct. and Hayden Mills is operated by Tucson Division, and is within Hayden Jct. yard limits.

Special upper quadrant signals on high mast at Hayden Jct. indicate stop when arms are in horizontal position. Eastward signal must be left in stop position while a westward movement is being made from Hayden Mills, and westward signal must be left in stop position while any train or engine is occupying the Christmas line east of Hayden Jct. until such train or engine comes to stop, or is not moving west of Hayden.

Proceed indication in eastward signal will authorize movement Hayden Jct. to Hayden Mills, and proceed indication in westward signal will authorize movement from KCRR line, or from Christmas line, from Christmas line junction to Hayden Jct., movements from KCRR line approaching the junction switch to have preference.

Normal position of Christmas line junction switch is for KCRR line. Westward movements from KCRR line must stop before fouling this junction switch and may then proceed if special signal at train-order office indicates proceed.

Movements in either direction between Hayden Jct. and Hayden Mills must be spaced 10 minutes apart. Back-up hose must be used and one trainman must ride in cab of engine when shoving cars Hayden Jct. to Hayden Mills. Flag protection to the rear must be provided as prescribed by Rule 99 when movement is stopped at any point Hayden Jct. to Hayden Mills on ascending grade, and must also be provided to rear on descending grade when there is another following movement possible.

Speed must not exceed 15 MPH in either direction. Grade is 2.2% descending Hayden Mills to Hayden Jct.

Ray Consolidated derail near west end Hayden Mills is spring derail, and may be trailed through on movement to Hayden Mills and must be thrown for all westward movements and lined back to derail following movement over the derail.

Impaired overhead and side clearance at Hayden Mills smelter. Entrance to Kennecott Copper Corp'n plant is protected by gate, which must be closed and locked at night.

Between Price and Christmas: Look out for rocks and landslides.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Wooley . . . . . (Spur)	984.6	5
Winkelman . . . . . (Spur)	1003.5	8

PICACHO SUBDIVISION

EASTWARD				Mile Post Location	Timetable No. 123 May 28, 1950		Distance from Nogales	WESTWARD	
FIRST CLASS					Nogales Branch			FIRST CLASS	
Capacity of sidings					STATIONS			379 Mexican Express (c) Arrive Daily Ex. Sunday	
Tucson yard	BKWOITYP		378 Mexican Express (c) Leave Daily Ex. Sunday	983.9	TO-R TUCSON	TO-R TUCSON	65.9	PM 3.55	
			AM 11.15		Via SHOP YARD	T&NRR JCT.			
20				991.6	6.9 CONSAIR		58.2		
53	P		11.37	993.8	2.2 XAVIER		56.0		3.33
	P		AM 11.50	1002.4	TO SAHUARITA		47.4	f	3.20
54	P		PM 12.11	1016.3	8.6 CANOA		33.5		2.59
	WP		s 12.19	1021.1	4.8 AMADO		28.7	s	2.51
51	P		12.26	1025.6	4.5 CHAVEZ		24.2		2.41
53	P		f 12.40	1034.2	8.6 OTERO		15.6	f	2.30
	Nogales yard BKWOTP		s 1.10 PM	1049.8	TO-R NOGALES		0.0		2.00 PM
			Arrive Daily Ex. Sunday		(65.9)				Leave Daily Ex. Sunday
			(1.55) 34.38		Time over District.....				(1.55) 34.38
					Average Speed per Hour.....				

**RULE S-72.** Exception, No. 378 is superior to No. 379. Passenger trains use shop yard route, Tucson yard. Other trains use T&NRR Jct. route, Tucson yard. On Eagle-Picher spur at Sahuarita:  
 Speed must not exceed 10 MPH; nor exceed 5 MPH with engine backing.  
 A flagman must precede all movements over Nogales Highway.  
 Back-up hose must be used on leading car when shoving.  
 Air brakes must be used, and rear end test made on all movements.  
 Derail on this spur 7575 feet from main track, which is 349 feet from switch to concentrate spur.  
 Hand brakes must be securely set on all cars left at the plant, and cars must not be left west of the derail.  
 One retainer for each 120 Ms must be turned up from the plant to Santa Cruz River bridge.  
 Engines not permitted across ore bins.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Continental . . . . (Spur)	1010.4	12
Morales . . . . .	1012.1	..
Silva . . . . .	1037.3	..
Calabasas . . . . . (Spur)	1039.8	28Y

BOWIE SUBDIVISION

EASTWARD

FIRST CLASS

Capacity of sidings	FIRST CLASS					Mile Post Location	Distance from Tucson
	40	44	6	2	4		
	Imperial	Cherokee	Argonaut	Sunset Limited	Golden State		
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		
Tucson yard BKWOITYP	PM 10.55	AM 11.35	AM 11.20	AM 4.15	AM 1.00	983.9	
105 P	11.13	AM 11.53	AM 11.38	4.33	1.13	993.8	
58 P	11.25	PM 12.06	f 11.50	4.45	1.23	1003.3	
110 WP	PM 11.45	12.25	f PM 12.10	5.05	1.39	1012.6	
N 82 Yard Limits S 76 IYP	AM 12.05	12.45 PM	12.30	5.25 AM	1.55 AM	1023.6	
73 P	12.11		12.36			1028.2	
113 Yard Limits BKWOP	s 12.20		s 12.50			1032.5 1032.6	
117 P	12.25		12.57			1035.8	
71 P	12.36		1.11			1041.0	
105 P	12.40		1.16			1043.9 1044.4	
59 P	12.45		1.21			1047.3	
138 YP	1.01		s 1.35			1053.9	
78 P	1.07		1.41			1058.3	
86 P	1.13		f 1.49			1063.9	
60 P	1.18		1.55			1069.6	
104 WP	s 1.25		s 2.10			1074.7	
57 P	1.30		2.16			1079.4	
94 P	1.35		2.23			1082.6	
60 P	1.40		2.29			1087.7	
60 P	1.44		2.33			1091.0	
59 P	1.48		2.37			1094.5	
230 Yard Limits BKWYP	s 2.00		s 2.57			1098.4	
59 P	2.05		3.03			1102.6	
59 P	2.09		3.07			1106.6	
105 BKWOYP	2.18		s 3.15			1114.2	
105 P	2.29		3.27			1121.8	
105 YP	2.45		f 3.43			1128.9	
58 P	2.50		3.49			1132.7	
58 P	2.55		3.54			1136.5	
105 P	2.59		3.58			1140.8	
59 P	3.02		4.02			1143.9	
Yard Limits BKWOYP	s 3.15 AM		s 4.15 PM			1148.3	
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		
	(4.20) 37.80	(1.10) 34.00	(4.55) 33.31	(1.10) 34.00	(0.55) 43.31		

Timetable No. 123  
May 28, 1950

STATIONS

TO-R	TUCSON	No. 2 Track	0.0
	9.9 RANKIN		9.9
	9.5 VAIL		19.4
	9.3 PANTANO		28.7
TO-R	11.0 MESCAL		39.7
	4.6 CHAMISO		44.3
TO	4.3 BENSON		48.6
	3.2 FENNER		51.8
	5.2 SIBYL		57.0
	2.9 TULLY		59.9
	2.9 OCHOA	62.8	
TO	6.6 DRAGON	69.4	
	4.4 MANZORO	73.8	
TO	5.6 COCHISE	79.4	
	5.7 HADO	85.1	
TO	5.1 WILLCOX	90.2	
	4.7 DRURY	94.9	
	3.2 RASO	98.1	
	5.1 ALRICH	103.2	
	3.3 LUZENA	106.5	
	3.5 CHOLLA	110.0	
TO	3.9 BOWIE	113.9	
	4.2 HOLT	118.1	
	4.0 OLGA	122.1	
TO	7.6 SAN SIMON	129.7	
	7.6 VANAR	137.3	
TO	7.1 STEINS	144.4	
	3.8 MONDEL	148.2	
	3.8 CONRAD	152.0	
	4.3 GARY	156.3	
	3.1 PYRA	159.4	
TO-R	4.4 LORDSBURG	163.8	
	(163.8)		
.....Time over District.....			
.....Average Speed per Hour.....			

Automatic Block System

**RULE 86.** Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for No. 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**Benson:** First track south of main track east of station, capacity 66 cars, is designated No. 2 track, and must be left clear of cars for use in meeting or passing trains as directed by train dispatcher, and for use of helper engines.

# BOWIE SUBDIVISION

## Timetable No. 123

May 28, 1950

### WESTWARD

#### FIRST CLASS

Mile Post Location	STATIONS	Distance from Lordsburg	39		43											
			Imperial		Cherokee											
			Arrive Daily	Arrive Daily												
983.9	TO-R <b>TUCSON</b> 9.9		Be Governed by Current Timetable and Timetable Bulletins of Rio Grande Division.													
993.8	<b>RANKIN</b> 9.5															
1003.3	<b>VAIL</b> 9.3															
1012.6	<b>PANTANO</b> 11.0															
1023.6	TO-R <b>MESCAL</b> 4.6	124.1											AM 8.33	PM 2.50		
1028.2	<b>CHAMISO</b> 4.3	119.5	8.23	2.40												
1032.5	TO <b>BENSON</b> 3.2	115.2	s 8.13	s 2.30												
1032.6	<b>FENNER</b> 5.2	112.0	8.04	2.20												
1035.8	<b>SIBYL</b> 2.9	106.8	7.54	<b>2.10</b>												
1041.0	<b>TULLY</b> 2.9	103.9	7.50	2.05												
1043.9	<b>OCHOA</b> 6.6	101.0	7.46	2.01												
1044.4	TO <b>DRAGON</b> 4.4	94.4	7.36	f 1.50												
1047.3	<b>MANZORO</b> 5.6	90.0	7.30	<b>1.41</b>												
1053.9	TO <b>COCHISE</b> 5.7	84.4	7.24	f 1.30												
1058.3	<b>HADO</b> 5.1	78.7	7.17	1.22												
1063.9	TO <b>WILLCOX</b> 4.7	73.6	s 7.10	s 1.15												
1069.6	<b>DRURY</b> 3.2	68.9	<b>7.03</b>	1.00												
1074.7	<b>RASO</b> 5.1	65.7	6.59	12.55												
1079.4	<b>ALRICH</b> 3.3	60.6	6.54	12.48												
1082.6	<b>LUZENA</b> 3.5	57.3	6.50	12.44												
1087.7	<b>CHOLLA</b> 3.9	53.8	6.46	12.40												
1091.0	TO <b>BOWIE</b> 4.2	49.9	s 6.42	s 12.35												
1094.5	<b>HOLT</b> 4.0	45.7	6.32	12.14												
1098.4	<b>OLGA</b> 7.6	41.7	6.28	12.09												
1102.6	TO <b>SAN SIMON</b> 7.6	34.1	6.20	f 12.01 PM												
1106.6	<b>VANAR</b> 7.1	26.5	6.10	11.48 AM												
1114.2	TO <b>STEINS</b> 3.8	19.4	5.58	f 11.36												
1121.8	<b>MONDEL</b> 3.8	15.6	5.52	11.28												
1128.9	<b>CONRAD</b> 4.3	11.8	5.48	11.24												
1132.7	<b>GARY</b> 3.1	7.5	5.44	11.20												
1136.5	<b>PYRA</b> 4.4	4.4	5.40	11.15												
1140.8	TO-R <b>LORDSBURG</b>	0.0	5.35 AM	11.10 AM												
1143.9			Leave Daily	Leave Daily												
1148.3			(2.58)	(3.40)												
	.....Time over District.....		41.83	33.85												
	.....Average Speed per Hour.....															

No. 2 Track

Automatic Block System

#### ADDITIONAL STATIONS

NAME	Mile Post	Capacity
Polvo ..... (Spur)	987.7	4
Wilmot ..... (Spur)	990.7	13
Esmond .....	998.6	..
Lancha .....	1050.8	..
Karro .....	1110.2	..
Bawtry .....	1117.6	..

**Benson:** First track south of main track east of station, capacity 66 cars, is designated No. 2 track, and must be left clear of cars for use in meeting or passing trains as directed by train dispatcher, and for use of helper engines.

BOWIE SUBDIVISION

EASTWARD

SECOND CLASS

Capacity of sidings	SECOND CLASS							Mile Post Location	Timetable No. 123 May 28, 1950	Distance from Tucson
		866 Freight	964 Freight	864 Freight	962 Freight	862 Freight	960 Freight			
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily			
Tucson yard BKWOITYP	PM 8.10	PM 3.35	AM 11.50	AM 7.00	AM 3.15	AM 1.10	983.9			
105 P	8.30	4.10	PM 12.15	7.35	3.40	1.45	993.8			
58 P	8.50	4.35	12.35	8.00	4.01	2.10	1003.3			
110 WP	9.11	5.05	12.55	8.30	4.20	2.40	1012.6			
N 82 Yard Limits S 76 IYP	9.35	5.40 PM	1.20	9.05 AM	4.45	3.15 AM	1023.6			
73 P	9.45		1.30		4.55		1028.2			
113 Yard Limits BKWOP	10.05		1.40		5.10		1032.5 1032.6			
117 P	10.15		1.50		5.25		1035.8			
71 P	10.35		2.10		5.45		1041.0			
105 P	10.45		2.20		5.55		1043.9 1044.4			
59 P	10.53		2.28		6.04		1047.3			
138 YP	11.12		2.48		6.23		1053.9			
78 P	11.20		2.56		6.31		1058.3			
86 P	11.27		3.04		6.39		1063.9			
60 P	11.34		3.12		6.47		1069.6			
104 WP	11.42		3.20		6.55		1074.7			
57 P	PM 11.49		3.27		7.03		1079.4			
94 P	AM 12.01		3.35		7.12		1082.6			
60 P	12.09		3.43		7.20		1087.7			
60 P	12.14		3.48		7.25		1091.0			
59 P	12.20		3.54		7.31		1094.5			
Yard Limits 230 BKWYP	12.35		4.05		7.40		1098.4			
59 P	12.42		4.12		7.47		1102.6			
59 P	12.49		4.19		7.54		1106.6			
105 BKWOYP	1.05		4.35		8.10		1114.2			
105 P	1.22		4.45		8.20		1121.8			
105 YP	1.42		5.05		8.40		1128.9			
58 P	1.50		5.12		8.47		1132.7			
58 P	1.56		5.18		8.53		1136.5			
105 P	2.03		5.25		9.00		1140.8			
59 P	2.08		5.30		9.05		1143.9			
Yard Limits BKWOYP	2.15 AM		5.40 PM		9.15 AM		1148.3			
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily				
	(6.05) 26.93	(2.05) 19.05	(5.50) 28.08	(2.05) 19.05	(6.00) 27.28	(2.05) 19.05				

Automatic Block System

STATIONS		Distance from Tucson
TO-R	TUCSON	
	9.9 RANKIN	9.9
	9.5 VAIL	19.4
	9.3 PANTANO	28.7
TO-R	11.0 MESCAL	39.7
	4.6 CHAMISO	44.3
TO	4.3 BENSON	48.6
	3.2 FENNER	51.8
	5.2 SIBYL	57.0
	2.9 TULLY	59.9
	2.9 OCHOA	62.8
TO	6.6 DRAGON	69.4
	4.4 MANZORO	73.8
TO	5.6 COCHISE	79.4
	5.7 HADO	85.1
TO	5.1 WILLCOX	90.2
	4.7 DRURY	94.9
	3.2 RASO	98.1
	5.1 ALRICH	103.2
	3.3 LUZENA	106.5
	3.5 CHOLLA	110.0
TO	3.9 BOWIE	113.9
	4.2 HOLT	118.1
	4.0 OLGA	122.1
TO	7.6 SAN SIMON	129.7
	7.6 VANAR	137.3
TO	7.1 STEINS	144.4
	3.8 MONDEL	148.2
	3.8 CONRAD	152.0
	4.3 GARY	156.3
	3.1 PYRA	159.4
TO-R	4.4 LORDSBURG	163.8

(163.8)  
 .....Time over District.....  
 .....Average Speed per Hour.....

**RULE 86.** Second- and third-class trains, extra trains and engines must be clear of main track and insulated joints for No. 4 not less than ten minutes before the arriving, or leaving, or train-order time at that station.

**Benson:** First track south of main track east of station, capacity 66 cars, is designated No. 2 track, and must be left clear of cars for use in meeting or passing trains as directed by train dispatcher, and for use of helper engines.



## BOWIE SUBDIVISION

EASTWARD				Mile Post Location	Timetable No. 123 May 28, 1950		Distance from Miami	WESTWARD	
Capacity of sidings	SECOND CLASS	FIRST CLASS			FIRST CLASS	SECOND CLASS			
	884				381	883			
	Freight				Tomahawk (c)	Freight			
	Leave Daily Ex. Monday			Leave Daily		Arrive Daily		Arrive Daily Ex. Sunday	
E 105 Yard Limits W 109 BkWYP	AM 8.00		PM 3.00	1098.4 1098.1	TO-R	<b>BOWIE</b>	133.8	PM s 12.25	PM 5.30
51 P	8.25		3.17	1107.4		9.3 <b>ESCALA</b>	124.5	12.05 PM	5.00
P	8.50		f 3.33	1117.8		10.4 <b>TANQUE</b>	114.1	f 11.49 AM	4.40
P	9.05		3.44	1125.1		7.3 <b>HAECKEL</b>	106.8	11.36	4.20
34 P	9.25		s 3.57	1132.6		7.5 <b>SOLOMON</b>	99.3	s 11.24	<b>3.57</b>
47 Yard Limits WP	10.10		s 4.10	1137.5	TO	4.9 <b>SAFFORD</b>	94.4	s 11.12	3.30
P	10.20		s 4.20	1140.6		3.1 <b>THATCHER</b>	91.3	s 11.00	2.25
P	<b>10.50</b>		s 4.31	1145.6	TO	5.0 <b>PIMA</b>	86.3	s <b>10.50</b>	2.05
43 P	11.01		4.35	1146.7		1.1 <b>DUBLIN</b>	85.2	10.44	1.50
P	11.30		f 4.46	1153.0		6.3 <b>CORK</b>	78.9	f 10.34	1.25
P	AM 11.50		s 4.59	1159.3	TO	6.3 <b>FT. THOMAS</b>	72.6	f 10.23	1.03
WP	PM 12.05		f 5.08	1164.2		4.9 <b>GERONIMO</b>	67.7	f 10.13	12.50
50 P	<b>12.35</b>		f 5.19	1170.1		5.9 <b>BYLAS</b>	61.8	f 10.01	<b>12.35</b>
P	12.57		f 5.31	1176.8		6.7 <b>CALVA</b>	55.1	f 9.49	12.20 PM
49 P	1.40		5.59	1191.0		14.2 <b>DILI</b>	40.9	9.21	11.40 AM
48 WP	2.10		s 6.20	1201.0	TO	10.0 <b>SAN CARLOS</b>	30.9	s 9.00	11.10
P	2.50		f 6.47	1213.5		12.5 <b>CUTTER</b>	18.4	f 8.36	10.40
Yard Limits BKWOTP	3.20 PM		s 7.10 PM	1221.5	TO-R	8.0 <b>GLOBE</b>	10.4	8.15 AM	10.10 AM
P				1226.2		4.7 <b>RADIUM</b>	5.7		
Yard Limits WYP				1231.9	TO-R	5.7 <b>MIAMI</b>	0.0		
	Arrive Daily Ex. Monday		Arrive Daily			(133.8)		Leave Daily	Leave Daily Ex. Sunday
	(7.20) 16.87		(4.10) 29.62			.....Time over District.....		(4.10)	(7.20) 16.34
						.....Average Speed per Hour.....		29.62	

Between MP 1184 and MP 1196: Look out for rocks and land-slides.

ADDITIONAL STATIONS		
NAME	Mile Post	Capacity
Lone Star..... (Spur)	1135.3	10
Glenbar.....	1148.9	..
Ashurst.....	1154.8	..
Peridot.....	1197.3	..
Pinal.....	1219.3	9
Burch..... (Spur)	1227.3	5
Claypool..... (Spur)	1230.2	9

## SPECIAL INSTRUCTIONS—ALL SUBDIVISIONS

## CONDITIONAL FLAG STOPS, ETC., TO RECEIVE OR DISCHARGE TRAFFIC

Conditional flag stops, etc. are designated by "c" in schedule column, and are for traffic as shown below:

Train	STATION	KIND	FREQUENCY	FOR REVENUE PASSENGERS		FOR OTHER TRAFFIC
				RECEIVE TO (or beyond)	DISCHARGE FROM (or beyond)	
1	Chandler	Flag	Daily		El Paso	
2	Chandler	Flag	Daily	El Paso		
2	Coolidge	35 MPH	Daily			To dispatch U.S. Mail
3	Coolidge	Flag	Daily	Alhambra	El Paso	
3	Coolidge	35 MPH	Daily			To dispatch U.S. Mail
3	Chandler	Flag	Daily	Palm Springs	Kansas City	
4	Chandler	Flag	Daily	Tucumcari	Alhambra	
4	Coolidge	Flag	Daily	El Paso	Alhambra	
4	Coolidge	35 MPH	Daily			To dispatch U.S. Mail
5	Picacho Jet	Flag	Daily	Any station on Gila line		
5	Picacho Jet	Flag	Daily	Alhambra		
5	Toltec	Flag	Daily	Yuma	Tucson	
6	Toltec	Flag	Daily	Tucson	Yuma	
6	Rillito	Flag	Daily		Colton	
39	Coolidge	Flag	Daily		El Paso	
39	Chandler	Flag	Daily		El Paso	
39	Mesa	Flag	Daily		El Paso	
39	Buckeye	Flag	Daily		El Paso	
40	Buckeye	Flag	Daily	El Paso	Alhambra	
40	Mesa	Flag	Daily	El Paso	Alhambra	
40	Coolidge	Flag	Daily	El Paso	Alhambra	
44	Litchfield	Flag	Daily	Tucson	Yuma	
44	Litchfield	35 MPH	Daily			To dispatch U.S. Mail
378	Continental	Flag	Daily Ex. Sun.	Any station	Any station	
378	Calabasas	Flag	Daily Ex. Sun.	Any station	Any station	
379	Calabasas	Flag	Daily Ex. Sun.	Any station	Any station	
379	Continental	Flag	Daily Ex. Sun.	Any station	Any station	
381	Peridot	Flag	Daily	Any station	Any station	
382	Peridot	Flag	Daily	Any station	Any station	

**RULE 5.** Schedule times shown in small type indicate special instructions in the timetable govern movement.

**RULE S-72.** Westward trains are superior to trains of the same class in the opposite direction, except as shown on Pages 6, 7 and 11.

**RULE 105.** Sidings designated "E" in Capacity of Sidings column are assigned for use by eastward trains. Those designated "W" are assigned for use by westward trains. Those designated "M" for middle may be used by trains in either direction. Those designated "N" or "S" are assigned for use by trains as shown in special instructions for the subdivision on which located.

Capacity of Sidings column indicates the number of cars of average length of 49 feet that siding will hold between fouling points, in addition to one steam engine and caboose.

## SPECIAL INSTRUCTIONS—WELLTON SUBDIVISION

**RULE 82 (A).** Eastward second-class and extra trains originating at Yuma (except trains handling passenger equipment only) will register by ticket and obtain clearance at East Yard, and need not register or obtain clearance at Yuma, but must receive proceed signal from yardman (white flag by day and green light by night) before entering eastward main track, as indication that no first-class train is due, or that proper protection to the rear has, and will be provided until rear of train has entered eastward main track, after which protection to the rear must be provided by train crew if train stops or is delayed. Indicators may be displayed from Yuma to East Yard on instructions from Yardmaster. Conductors will show on margin of train register ticket thrown off at East Yard the time watch was compared with standard clock. Operator will enter this information on train register.

**RULE 83.** Identification may be made by eastward trains on double track between Yuma and East Yard, and between Phoenix and Phoenix Yard, to be applied at end of double track. Reduce speed sufficiently to permit identification, and comply with Rule 14 (k).

**RULE 83 (A).** At the following stations, only trains indicated will register:  
 East Yard.....Westward trains entering yard tracks.  
 East Yard.....Eastward second-class and extra trains.  
 Phoenix.....First-class trains, except No. 370.

**RULE 83 (B).** At open train-order offices trains may register by ticket as follows:  
 East Yard.....Westward trains entering yard tracks.  
 East Yard.....Eastward second-class and extra trains.  
 Phoenix Yard.....First-class trains, except No. 370.

**RULE D-97 (A).** Will apply between Phoenix and Phoenix Yard.

**RULE 105.** Following tracks are designated for use as sidings:

Fowler.....Track north of main track.  
 Aztec.....Track north of main track is westward siding;  
                   Track south of main track is eastward siding.  
 Sentinel.....Track north of main track is eastward siding;  
                   Track south of main track is westward siding.

**RULE 204.** Trains on Wellton and Picacho Subdivisions with the same conductor operating through Phoenix may be issued train orders on one subdivision that affect their movement on either or both subdivisions, and these orders must be delivered by engineer to relieving engineer.

**RULE 221.** East Yard is train-order office for eastward trains only and is open continuously. Signal arm for westward movement has been removed.

Wellton Subdivision trains originating at Phoenix must obtain clearance at Phoenix Yard instead of Phoenix.

**RULE D-251.** Applies to the following tracks:  
 Westward track, East Yard to Yuma. Extra trains and engines must receive proceed signal from yardman (white flag by day, green light by night) before leaving East Yard, before passing Signal 7341, and before passing Signal 7331.

Both tracks between Phoenix and Phoenix Yard.

## SPECIAL INSTRUCTIONS—PICACHO SUBDIVISION

**RULE 82 (A).** Unless otherwise instructed, crews arriving Phoenix on eastward first-class trains, will assume same schedule at Phoenix on Picacho Subdivision and obtain clearance at Phoenix Yard instead of Phoenix. This clearance must bear O.K. and initials of Chief Train Dispatcher.

**RULE 83.** Identification may be made on double track between Stockham and Tucson; Phoenix and Phoenix Yard; to be applied at end of double track; and on second main track between Phoenix Yard and Kendall, to be applied at Kendall. Reduce speed sufficiently to permit identification and Rule 14 (k) will apply.

**RULE 83 (A).** At the following stations, only trains indicated will register:

**Phoenix.** First-class trains, except No. 370.

**RULE 83 (B).** At open train-order offices trains may register by ticket as follows:

**Phoenix Yard.** First-class trains, except No. 370.

**RULE 95.** Sections of eastward schedules may be authorized by telegram from Chief Train Dispatcher, for movement from Phoenix to Phoenix Yard, where train-order authority will be received.

**RULE 97.** Extra trains must not run via Creamery Branch unless train order so specifies.

**RULE D-97 (A).** Will apply between Phoenix and Phoenix Yard.

**RULE 105.** Following tracks are designated for use as sidings:

Mesa . . . . . Track south of main track.

Picacho Jct. . . . . Track north of main track is north siding.

Track south of main track is south siding.

Westward trains required to take siding will use south siding, unless otherwise directed by Letter type indicator on Signal 9385.

Red Rock . . . . . Track north of main track is eastward siding;

Track south of main track is westward siding.

Jaynes . . . . . Track north of main track is westward siding;

Track south of main track is eastward siding.

**RULE 204.** Trains of Wellton and Picacho Subdivisions with the same conductor operating through Phoenix may be issued train orders on one subdivision that affect their movement on either or both subdivisions, and these orders must be delivered by engineer to relieving engineer.

**RULE 221.** Wellton Subdivision trains originating at Phoenix must obtain clearance at Phoenix Yard instead of Phoenix.

Trains must obtain clearance before leaving Tempe on Creamery Branch.

Stockham is train-order office for westward trains only and is open continuously. Signal arm for eastward movement has been removed.

**RULE D-251.** Applies to the following tracks:

Both tracks between Phoenix and Phoenix Yard.

No. 1 Track from PFE yard to end of No. 1 Track, Tucson, and westward track from Sixth Ave. interlocking to Stockham. Extra trains and engines must receive proceed signal from yardman (white flag by day, green light by night) before leaving PFE yard, and before passing Park Ave., Signal 9843, and Sixth Ave.

## SPECIAL INSTRUCTIONS—BOWIE SUBDIVISION

**RULE 83 (B).** At open train-order offices trains may register by ticket as follows:

**Mescal . . . . .** All trains.

**RULE 105.** Following tracks are designated for use as sidings:

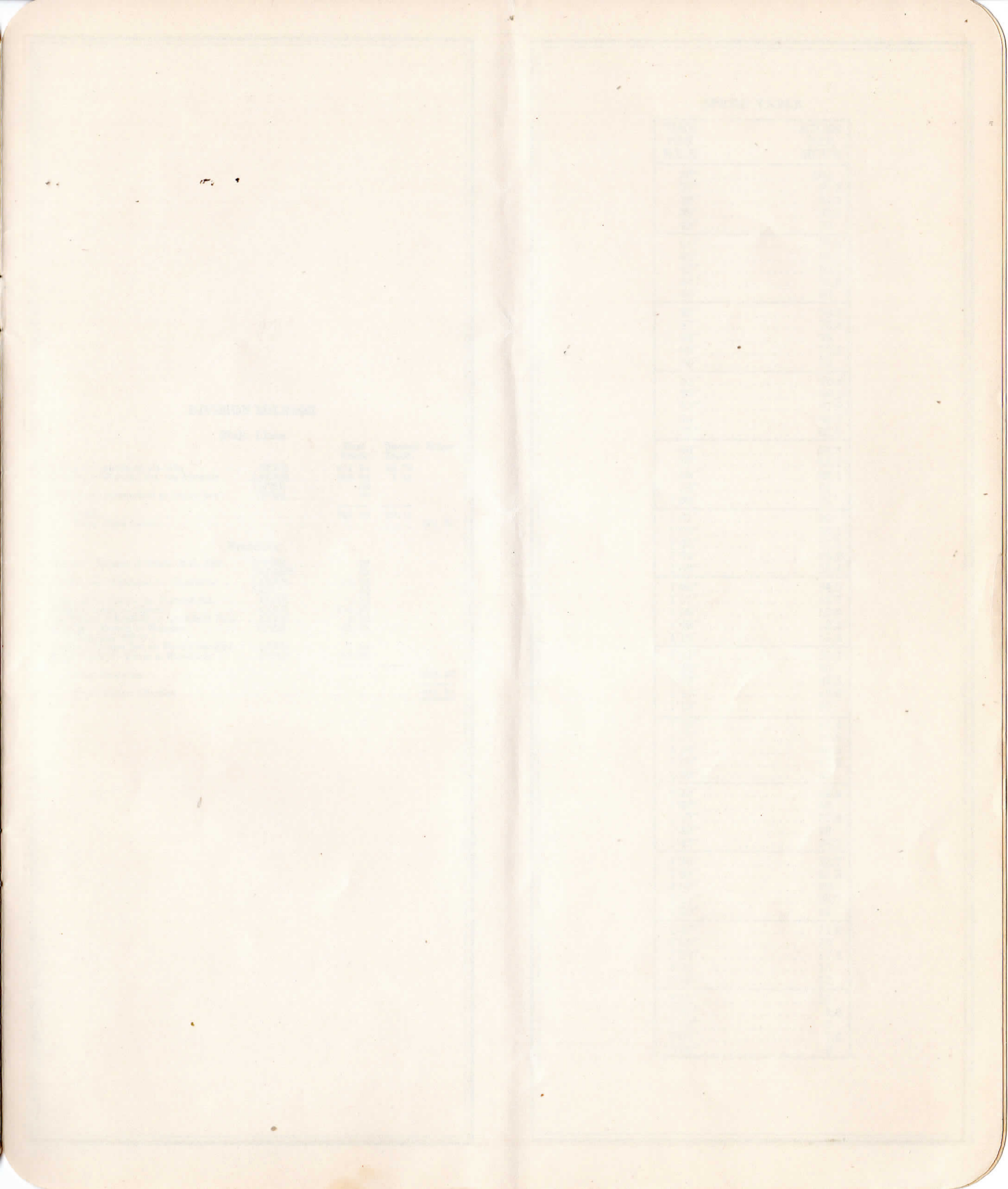
San Carlos . . . . . Track north of main track, opposite station.

Benson . . . . . Track north of main track.

**RULE D-151.** Westward trains will use No. 1 Track, Rio Grande Division, Mescal to Tucson, and eastward trains will use No. 2 Track, Tucson Division, Tucson to Mescal, under double track rules.

**RULE 221.** Globe Branch trains must obtain clearance before leaving Bowie and Miami.

Between Tucson and Lordsburg two copies of each order will be delivered to conductor and engineer of trains to which addressed, in order to have sufficient copies of orders when helper engines are cut in.



SPECIAL INSTRUCTIONS FOR THE SUBDIVISION

1. The first section of the report should be devoted to a description of the work done during the period covered by the report.

2. The second section should contain a list of the results obtained, together with a brief description of the methods used.

3. The third section should contain a discussion of the results obtained, and a comparison of these results with those of other workers.

4. The fourth section should contain a list of the references cited in the report.

5. The fifth section should contain a list of the names of the persons who have assisted in the work.

6. The sixth section should contain a list of the names of the persons who have read the report.

7. The seventh section should contain a list of the names of the persons who have approved the report.

8. The eighth section should contain a list of the names of the persons who have assisted in the work.

9. The ninth section should contain a list of the names of the persons who have read the report.

10. The tenth section should contain a list of the names of the persons who have approved the report.

11. The eleventh section should contain a list of the names of the persons who have assisted in the work.

12. The twelfth section should contain a list of the names of the persons who have read the report.

13. The thirteenth section should contain a list of the names of the persons who have approved the report.

SPECIAL INSTRUCTIONS FOR THE SUBDIVISION

1. The first section of the report should be devoted to a description of the work done during the period covered by the report.

2. The second section should contain a list of the results obtained, together with a brief description of the methods used.

3. The third section should contain a discussion of the results obtained, and a comparison of these results with those of other workers.

4. The fourth section should contain a list of the references cited in the report.

5. The fifth section should contain a list of the names of the persons who have assisted in the work.

6. The sixth section should contain a list of the names of the persons who have read the report.

7. The seventh section should contain a list of the names of the persons who have approved the report.

8. The eighth section should contain a list of the names of the persons who have assisted in the work.

9. The ninth section should contain a list of the names of the persons who have read the report.

10. The tenth section should contain a list of the names of the persons who have approved the report.

11. The eleventh section should contain a list of the names of the persons who have assisted in the work.

12. The twelfth section should contain a list of the names of the persons who have read the report.

13. The thirteenth section should contain a list of the names of the persons who have approved the report.

### DIVISION MILEAGE

#### Main Lines

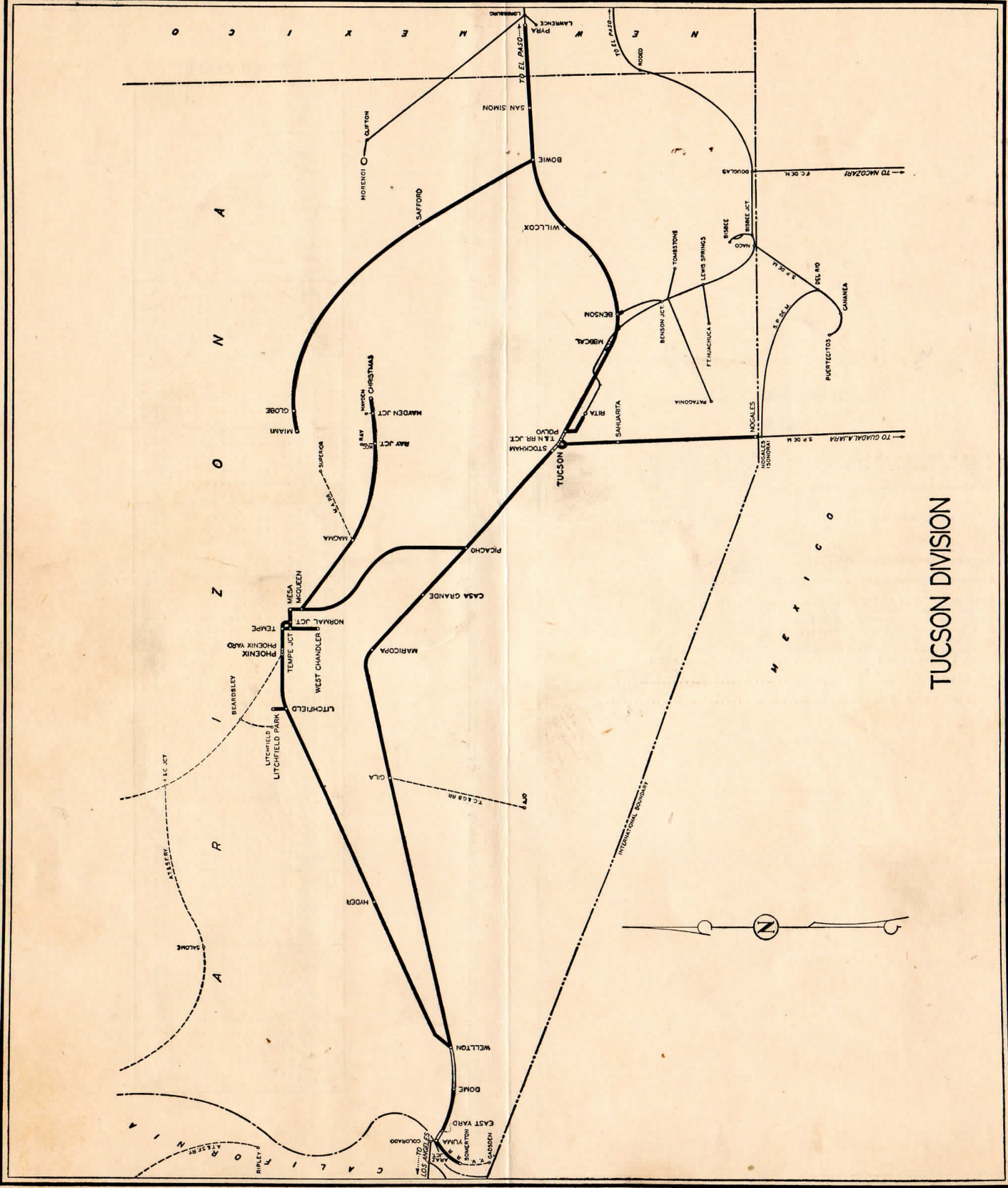
	First Track	Second Track	Miles
Yuma to Lordsburg via Gila.....	SPRR.....	411.94	38.70
Wellton to Picacho Jct. via Phoenix.....	AERR.....	208.98	1.41
	SPRR.....	.02	
At Mescal, connection to South line.....	SPRR.....	.16	
Total.....		621.10	40.11
Total Main Lines.....			661.21

#### Branches

Benson—Benson to Begin. R.G. Div.....	SPRR.....	.29	
	EP&SW.....	.33	
Christmas—McQueen to Christmas.....	AERR.....	86.66	
	KCC.....	.32	
Creamery—Tempe to Normal Jct.....	AERR.....	2.19	
Globe—Bowie to Miami.....	AERR.....	134.93	
Litchfield—Litchfield to Litchfield Park.....	AERR.....	4.92	
Nogales—Tucson to Nogales.....	SPRR.....	65.78	
(Internat. Bd'ry.)			
Tempe—Tempe Jct. to West Chandler.....	AERR.....	7.88	
Yuma Valley—Yuma to Somerton.....	YVRR.....	15.00	
Total Branches.....			318.30
Total Tucson Division.....			979.51

### SPEED TABLE

TIME PER MILE	MILES PER HOUR
36"	100
37"	97.3
38"	94.7
39"	92.3
40"	90
41"	87.8
42"	85.7
43"	83.7
44"	81.8
45"	80
46"	78.3
47"	76.6
48"	75
49"	73.5
50"	72
51"	70.6
52"	69.2
53"	67.9
54"	66.7
55"	65.5
56"	64.3
57"	63.2
58"	62.1
59"	61
1'00"	60
1'01"	59
1'02"	58.1
1'03"	57.1
1'04"	56.2
1'05"	55.4
1'06"	54.5
1'07"	53.7
1'08"	52.9
1'09"	52.2
1'10"	51.4
1'11"	50.7
1'12"	50
1'13"	49.3
1'14"	48.6
1'15"	48
1'16"	47.4
1'17"	46.8
1'18"	46.2
1'19"	45.6
1'20"	45
1'25"	42.4
1'30"	40
1'35"	37.9
1'40"	36
1'45"	34.3
1'50"	32.7
1'55"	31.3
2'00"	30
2'15"	26.7
2'30"	24
2'45"	21.8
3'00"	20
3'30"	17.1
4'00"	15
5'00"	12
6'00"	10
7'00"	8.6
7'30"	8
8'00"	7.5
10'00"	6



TUCSON DIVISION

