

**RULES COMPLIANCE . . . THE  
KEY TO ACCIDENT PREVENTION**

**TERMINAL SUPERINTENDENT**

J. J. TIERNEY . . . . . El Paso

**ASSISTANT  
TERMINAL SUPERINTENDENTS**

H. E. HALL . . . . . El Paso  
G. L. PREWITT . . . . . El Paso  
D. L. RAY . . . . . El Paso

**TRAINMASTERS**

K. L. MILLER . . . . . Tucson  
H. R. RUTLER . . . . . Tucson  
J. T. STEWART . . . . . Tucson  
L. E. SUTTON . . . . . Phoenix

**TRAINMASTER—ROAD FOREMAN  
OF ENGINES**

J. R. EFAW . . . . . Tucumcari

**ASSISTANT TRAINMASTERS**

J. H. VERMILLION . . . . . Tucson  
L. J. ZIMMERMAN . . . . . Tucson

**ROAD FOREMEN OF ENGINES**

B. J. BONACINA . . . . . Tucson  
H. R. PAYNE . . . . . Tucson  
W. C. HALL . . . . . El Paso

**CHIEF TRAIN DISPATCHER**

H. L. ANDERSON . . . . . Tucson

**SOUTHERN PACIFIC  
TRANSPORTATION  
COMPANY**



**TUCSON DIVISION  
TIMETABLE**

**10**

**EFFECTIVE SUNDAY, JUNE 11, 1972  
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. L. KING,**  
*General Manager*

**W. J. LACY,**  
*Assistant General Manager.*

**J. J. WILLIS,**  
*General Superintendent of Transportation.*

**O. D. GOODWILL,**  
*Assistant General Superintendent  
of Transportation*

**R. O. COLTRIN,**  
*Superintendent.*

**R. V. CURRIER,**  
*Assistant Superintendent, Tucson*

TUCSON DIVISION TIMETABLE No. 10, JUNE 11, 1972

2

GILA SUBDIVISION

EASTWARD			Mile Post Location	STATIONS			Station Number	Distance from P.F.E. Yard	WESTWARD		
FIRST CLASS				SIDING CAPACITIES AND FACILITIES					FIRST CLASS		
		2 N. R. P. C. Passenger Leave Mon., Wed. & Sat.							1 N. R. P. C. Passenger Arrive Sun., Wed. & Fri.		
		AM 3.35	732.7	Yd. Lmts. TO-R YUMA BKYPQ DT			49095	253.2	AM 2.20		
			737.4	EAST YARD P			49099	248.5	2.07		
			737.5	8388 FORTUNA P			50020	242.3			
			743.7	8487 KINTER P			50040	235.4			
			750.6	No. 2 Trk. DOME P No. 1 Trk. P			50050	232.6			
		4.20 AM	750.7	8371 WELLTON P			50080	216.1	1.29 AM		
			753.5	8415 NOAH P			52010	209.7			
			770.0	8401 COLFRED P			52018	202.3			
			776.4	8386 MOHAWK P			52027	193.5			
			783.8	8388 STOVAL P			52031	185.7			
			792.6	8240 AZTEC P			52038	174.3			
			792.7	8369 STANWIX P			52046	166.5			
			800.5	8392 SENTINEL P			52056	156.2			
			811.9	8392 PIEDRA P			52066	146.3			
			819.7	8356 THEBA P			52072	140.7			
			830.0	Yd. Lmts. GILA BKYPQ			52090	130.5			
			839.9	8049 BOSQUE P			52107	123.2			
			845.5	8883 SHAWMUT P			52114	116.4			
			855.7	8305 ESTRELLA P			52119	112.0			
			863.0	8330 MOBILE P			52128	102.9			
			863.2	8359 ENID P			52134	96.6			
			870.0	8309 MARICOPA P			52142	88.8			
			863.2	8330 BON P			52152	78.9			
			870.0	8336 CASA GRANDE PQ			52163	67.8			
			870.2	8344 TOLTEC P			52174	58.2			
			874.6	N-8677 S-8754 PICACHO YP			52174	58.2			
			883.7	8381 WYMOLA P			52200	49.9	PM 9.00		
			887.3	8337 RED ROCK P			52209	42.4			
			890.0	8445 NAVISKA P			52216	35.2			
			897.8	8372 RILLITO P			52226	28.2			
			907.7	8195 KINO P			52238	19.7			
			918.8	W-7890 STOCKHAM P			52251	11.9			
			928.4	Yd. Lmts. TO-R TUCSON BKYPQ DT			52258	7.3			
		AM 8.35	936.7	TO-R P.F.E. YARD BKYPQ			52270	2.7	8.15 PM		
			944.2	(253.2)			52280	0.0			
			951.4								
			958.4								
			966.9								
			974.7								
			979.3								
		s 9.30 AM	983.9								
			986.6								
		Arrive Mon., Wed. & Sat.							Leave Tue., Thu. & Sat.		
		2							1		

GILA SUBDIVISION

EAST-WARD	Nogales Branch		WEST-WARD
Mile Post Location	STATIONS SIDING CAPACITIES AND FACILITIES	Station Number	Distance from Nogales
986.6	Yd. Lmts. TO-R P. F. E. YARD BKPQ	52280	68.6
983.9	Yd. Lmts. TO-R TUCSON BKPQ	52270	65.9
1002.4	TO SAHUARITA PQ	52322	47.4
1021.1	AMADO P	52344	28.7
1049.8	Yd. Lmts. TO-R NOGALES BKPQ	52370	0.0
(68.6)			

ADDITIONAL STATIONS			
Capacity and Direction of entry into Spurs	Mile Post	NAME	Station Number
1450W	P	Blaisdell..... (Spur)	50030
588E	..	Ligurta.. No. 1 Track (Spur)	50070
5096	P	Smurr.....	52078
980E	P	Cowtown.....	52147
882E	..	Seco..... (Spur)	52167
1350	P	Eloy.....	52179
..	..	Avra..... (Spur)	52221
1050E	P	Marana.....	52231
..	P	Plata..... (Spur)	52241
1300	P	Jaynes.....	52254
..	..	Petrie..... (Spur)	52263
<b>Nogales Branch</b>			
..	Y	Aldona..... (Spur)	52312
588E	..	Continental..... (Spur)	52332
..	..	Otero.....	52357
<b>Chandler Branch</b>			
..	..	Tremaine.....	51190
..	..	Falfa.....	51191
3675	P	Chandler.....	51193
..	..	Pozo..... (Spur)	51195
1630	P	Serape.....	51197
<b>Hayden Branch</b>			
..	..	Winkelman..... (Spur)	51380

PHOENIX SUBDIVISION

EAST-WARD	STATIONS SIDING CAPACITIES AND FACILITIES		WEST-WARD
Mile Post Location	STATIONS	Station Number	Distance
<b>Chandler Branch</b>			
923.6	Yd. Lmts. 3087 McQUEEN P	51187	19.6
943.2	Yd. Lmts. DOCK P	51199	0.0
(19.6)			
<b>Tempe Branch</b>			
915.3	Yard Limits TEMPE JCT. P	51172	7.7
917.7	PETERSON	51175	5.3
919.2	HELENA	51177	3.8
923.0	WEST CHANDLER	51179	0.0
(7.7)			
<b>Litchfield Branch</b>			
889.3	Yd. Lmts. LITCHFIELD JCT. YP	51110	5.4
894.7	LITCHFIELD PARK	51115	0.0
(5.4)			
<b>Hayden Branch</b>			
948.9	2100 Yd. Lmts. R MAGMA P	51240	51.3
959.0	FLORENCE P	51310	41.2
987.8	Yd. Lmts. RAY JCT. P	51340	12.4
1000.2	Yd. Lmts. TO-R HAYDEN BKPQ	51360	0.0
(51.3)			

PHOENIX SUBDIVISION

EASTWARD			Mile Post Location	STATIONS			Station Number	Distance from Picacho	WESTWARD		
FIRST CLASS				SIDING CAPACITIES AND FACILITIES					FIRST CLASS		
	2										1
	N. R. P. C. Passenger								N. R. P. C. Passenger		
	Leave Mon., Wed. & Sat.								Arrive Sun., Wed. & Fri.		
	AM 4.20	770.0		Yd. Lmts. TO	WELLTON	P	50080	208.4	AM 1.29		
	4.31	780.9		3469	ROLL	P	51012	197.5	1.17		
	4.53	802.5		3686	KOFA	P	51034	175.9	12.55		
	5.13	822.3		3688	HYDER	P	51053	156.1	12.34		
	5.32	841.1		3680	SADDLE	P	51063	137.3	12.12		
	5.42	851.0		3551	GILLESPIE	P	51068	127.4	AM 12.02		
	5.52	861.3		3628	ARLINGTON	P	51073	117.1	PM 11.51		
	5.57	865.7		3537 Yd. Lmts.	DIXIE	P	51078	112.7	11.45		
	6'07	875.7		3707 Yd. Lmts. TO	BUCKEY	P	51088	102.7	11.34		
		889.3		Yd. Lmts. {	LITCHFIELD JCT.	YP	51110	89.1			
	6.21	889.7		3594	LITCHFIELD	P	51120	88.7	11.18		
	6.24	893.0		4825	CASHION	P	51123	85.4	11.13		
		895.7		Yd. Lmts.	TOLLESON	P	51126	82.7			
	6.30	898.1		3575	FOWLER	P	51128	80.3	11.06		
	6.38	904.0		Yd. Lmts. {	23rd AVE. PHOENIX	P	51136	74.4	10.57		
	7.00	906.0		TO	PHOENIX	BKYPQ	51140	72.4	10.50		
	7.09	907.0		TO-R	PHOENIX YARD	BKYPQ	51160	71.4	10.31		
	7.20	911.1			KENDALL	P	51164	67.3	10.20		
	7.25	914.4		Yd. Lmts. {	TEMPE	P	51170	64.0	10.13		
		915.3		3835	TEMPE JCT.	P	51172	63.1			
	7.37	921.8		Yd. Lmts. {	MESA	PQ	51185	56.6	10.01		
	7.40	923.6		3972 TO	McQUEEN	P	51187	54.8	9.56		
	7.43	927.0		Yd. Lmts.	GILBERT	P	51205	51.4	9.52		
	7.53	937.2		5785 Yd. Lmts.	GERMANN	P	51218	41.2	9.42		
	8.05	948.9		5733 Yd. Lmts.	MAGMA	P	51240	29.5	9.30		
	8.17	960.7		3603 TO	COOLIDGE	P	51415	17.7	9.18		
	8.35 AM	962.0		N-8677		YP			9.00 PM		
		979.7		S-8754	PICACHO	YP	52200	0.0			
		936.7									
	Arrive Mon., Wed. & Sat.								Leave Tue., Thur. & Sat.		
	2								1		

Automatic Block Signal System

**RULE 5.** Phoenix Yard: Time applies for eastward first-class trains at 6th Street, MP 906.7 and westward first-class trains at 16th Street, MP 907.8.

ADDITIONAL STATIONS			
Capacity and Direction of entry into Spurs	Mile Post	NAME	Station Number
510E ..	788.3	Tyson..... (Spur)	51019
780E ..	793.0	Growler.....	51024
760E ..	812.38	Horn.....	51044
3250 ..	900.4	Pipeola.....	51130
.. ..	900.8	Cotpro.....	51132
.. ..	902.0	Campo.....	51134
3240 ..	909.43	Aristuc.....	51162
.. ..	911.8	Tovrea.....	51166
.. ..	912.4	Auction..... (Spur)	51167
.. ..	912.9	Yeso.....	51169
.. ..	917.1	Normal Jct.....	51182
.. ..	932.0	Higley.....	51211
.. ..	938.1	Rittenhouse.....	51223
.. ..	941.6	Queen Creek.. Yd. Lmts.	51229
.. ..	966.4	Randolph.....	51421

LORDSBURG SUBDIVISION

EASTWARD		STATIONS SIDING CAPACITIES AND FACILITIES	Station Number	WESTWARD	
FIRST CLASS	Mile Post Location			FIRST CLASS	Distance from El Paso
2 N. R. P. C. Passenger Leave Mon., Wed. & Sat.					
AM 9.45	983.9	TO-R TUCSON BKPQ	52270	310.7	PM 8.00
	986.6	TO-R P. F. E. YARD BKPQ	52280	308.0	
	994.8	E-6699 W-6485 WILMOT P	53010	299.8	7.20
	1022.2	4226 MESCAL P	53035	272.4	
	1023.6	8099 CHAMISO P	53041	267.8	
	1028.2	BENSON YPQ	53050	263.5	
	1032.5	8429 FENNER P	53205	260.3	
	1032.6	9197 SIBYL P	53212	255.5	
	1035.4	8239 TULLY P	53219	249.8	
	1035.8	15306 DRAGON P	53227	243.1	
	1041.0	8415 COCHISE P	53238	233.1	
	1046.7	8379 WILLCOX BKPQ	53251	222.3	
	1047.2	8480 RASO P	53259	214.4	
	1053.9	9947 LUZENA P	53268	206.0	
	1063.9	8209 BOWIE BKYP	53280	198.6	
	1074.7	8236 OLGA P	53410	190.4	
	1082.6	8017 SAN SIMON P	53419	182.8	
	1091.0	8028 VANAR P	53428	175.2	
	1098.4	10777 STEINS P	53439	168.3	
	1106.6	8324 MONDEL P	53446	163.5	
	1114.2	8360 GARY P	53455	156.4	
	1121.8	Yd. Lmts. LORDSBURG BKYPQ	53470	148.9	s 4.55
	1128.7	8378 ULMORIS P	54115	144.2	
	1128.9	8457 LISBON P	54122	138.2	
	1133.7	8362 SEPAR P	54133	130.2	
	1140.8	8385 WILNA P	54138	120.2	
	1148.3	8371 GAGE P	54152	109.2	
	1153.0	8361 TUNIS P	54170	99.2	
	1159.0	8309 DEMING PQ	54200	89.2	s 3.55
	1167.0	8352 CARNE P	54226	77.7	
	1177.0	8359 AKELA P	54239	68.2	
	1188.0	8376 DONA P	54248	59.2	
	1198.0	8347 ADEN P	54259	49.2	
	1208.0	8352 AFTON P	54271	38.2	
	1219.5	8380 LANARK P	54277	28.2	
	1229.0	8388 STRAUSS P	54282	18.2	
	1238.0	9692 LIZARD P	54287	11.7	
	1248.0	ANAPRA	54290	7.3	
	1259.0	TO-R EL PASO (Tower 196) KIPQ	54297	1.7	
	1269.0	R EL PASO (Union Depot) BKIP	54297	1.7	2.35 PM
	1279.0	EL PASO (Cotton Ave.) BKIYPQ	55042	0.0	
	1285.5				
	1289.9				
	1317.7				
	1323.3				
	1295.9				
	1323.3				
	1295.9				
	1297.6				
Arrive Mon., Wed. & Sat.		(312.6 Eastward) (310.7 Westward)			Leave Tue., Thu. & Sat.
2					1

Capacity and Direction of entry into Spurs	Mile Post	NAME	Station Number
..	1003.3	Vail No. 1 Track .....	53012
1029W ..	1003.3	Vail No. 2 Track (Spur)	53013
..	1012.6	Pantano-No. 2 Track...	53023
250E ..	1012.9	Marsh-No.1 Track (Spur)	53029
12985E ..	1208.7	Sage..... (Spur)	54213
..	1320.9	Icehouse Crossover.....	..

LORDSBURG SUBDIVISION

EAST-WARD	STATIONS SIDING CAPACITIES AND FACILITIES	Station Number	WEST-WARD
	<b>Douglas Branch</b>		
1032.6	Yd. Lmts. TO-R <b>BENSON</b> YPQ	53050	78.6
1058.8	Yd. Lmts. <b>LEWIS SPRINGS</b> YP	53129	48.2
1085.0	Yd. Lmts. <b>BISBEE JCT.</b> YP	53155	22.0
1107.0	Yd. Lmts. TO-R <b>DOUGLAS</b> BKYPQ	53190	0.0
(78.6)			
	<b>Ft. Huachuca Branch</b>		
1058.8	Yd. Lmts. <b>LEWIS SPRINGS</b> YP	53129	12.0
1070.8	Yd. Lmts. 1715 <b>FT. HUACHUCA</b>	53140	0.0
(12.0)			
	<b>Bisbee Branch</b>		
1085.0	Yd. Lmts. <b>BISBEE JCT.</b> YP	53155	5.7
1088.3	Yd. Lmts. 1721 <b>CORTA</b>	53157	2.4
1089.6	Yd. Lmts. <b>WARREN</b>	53162	1.1
1090.5	Yd. Lmts. <b>LOWELL</b>	53163	0.2
1090.7	Yd. Lmts. <b>BISBEE</b> Q	53165	0.0
(5.7)			
	<b>Don Luis Branch</b>		
1088.3	Yd. Lmts. 1721 <b>CORTA</b>	53157	2.5
1089.8	Yd. Lmts. <b>DON LUIS</b>	53159	1.0
1090.8	Yd. Lmts. <b>GALENA</b>	53160	0.0
(2.5)			
	<b>Globe Branch</b>		
1098.4	Yd. Lmts. TO-R <b>BOWIE</b> BKYP	53280	133.8
1098.1	TO-R <b>SAFFORD</b> P	53322	94.4
1137.5	Yd. Lmts. TO-R <b>GLOBE</b> BKP	53376	10.4
1231.9	Yd. Lmts. <b>MIAMI</b> P	53395	0.0
(133.8)			
	<b>Lawrence Branch</b>		
1148.3	Yd. Lmts. TO-R <b>LORDSBURG</b> BKYPQ	53470	5.2
1146.9	TO-R <b>LAWRENCE</b>	54109	0.0
(5.2)			

EAST-WARD	STATIONS SIDING CAPACITIES AND FACILITIES	Station Number	WEST-WARD
	<b>Clifton Branch</b>		
1148.3	Yd. Lmts. TO-R <b>LORDSBURG</b> BKYPQ	53470	69.9
1146.4	TO-R		
1165.3	<b>SUMMIT</b>	54010	51.0
1184.3	630-E Spur <b>DUNCAN</b>	54031	32.0
1186.9	380 <b>FOX</b>	54036	29.4
1205.2	<b>GUTHRIE</b>	54050	11.1
1209.8	1120 <b>SOUTH SIDING</b>	54062	6.5
1216.3	ABS { <b>CLIFTON</b> P	54070	0.0
(69.9)			

ADDITIONAL STATIONS			
Capacity and Direction of entry into Spurs	Mile Post	NAME	Station Number
<b>Douglas Branch</b>			
882 P	1039.8	Curtis.....	53110
200E ..	1052.4	Fairbank.....	53118
.. ..	1048.2	Land.....	53112
.. 100E ..	1042.4	Hereford.....(Spur)	53145
.. ..	1069.8	Naco.....	53150
.. ..	1081.2	Paul Spur.....(Spur)	53177
3038W ..	1096.74	Forrest.....	53175
3136 P	1096.9	Calumet (Yd. Lmts.)...	53183
2872 P	1104.3	<b>Globe Branch</b>	
700W ..	1145.6	Pima.....	53329
.. ..	1153.0	Cork.....	53335
2450 P	1176.8	Calva.....	53349
2000 P	1201.0	San Carlos.....	53361
200W ..	1213.5	Cutter.....(Spur)	53368
200W ..	1227.3	Burch.....(Spur)	53387
<b>Ft. Huachuca Branch</b>			
882 ..	1068.9	Garden Canon.....	53135

CARRIZO SUBDIVISION

EAST-WARD		Station Number	WEST-WARD
Mile Post Location	STATIONS SIDING CAPACITIES AND FACILITIES		Distance from Tucumcari
1295.9	Yard Limits R EL PASO (Union Depot) BKIP EL PASO (Cotton Ave.) BKIYPQ	54297	331.5
1297.6		55042	329.8
1297.6	TOWER 47 IQ	55042	329.8
1301.5	Yd. Lmts. FORT BLISS P	55070	325.9
1302.3	8726 TO-R PLANEPORT P	55080	325.1
1316.1	4897 NEWMAN P	55117	311.3
1332.1	5013 DESERT P	55133	295.3
1345.0	5812 Yd. Lmts. OROGRANDE PQ	55147	282.4
1366.0	4604 DUNES P	55169	261.4
1378.2	5359 OMLEE P	55185	249.2
1382.8	9426 Yd. Lmts. TO ALAMOGORDO PQ	55200	244.6
1395.6	3718 TULAROSA P	55215	231.8
1412.9	4882 THREE RIVERS P	55235	214.5
1432.8	5318 POLLY P	55260	194.6
1439.9	5580 Yd. Lmts. TO CARRIZO BKPQ	55300	187.5
1446.9	5073 ROBSART P	55309	180.5
1463.5	6186 ANCHO P	55327	163.9
1482.5	6090 GALLINAS P	55347	144.9
1490.9	4911 CORONA PQ	55351	136.5
1510.6	4150 DURAN P	55380	116.8
1525.4	5803 Yd. Lmts. TO VAUGHN PQ	55400	102.0
1533.3	5148 LEONCITO P	55419	94.1
1547.2	4985 PASTURA P	55433	80.2
1558.5	5026 ARABELLA P	55445	68.9
1568.3	5605 Yd. Lmts. TO SANTA ROSA PQ	55500	59.1
1577.4	5168 LOS TANOS P	55521	50.0
1585.8	4821 CUERVO P	55532	41.6
1594.7	4970 NEWKIRK P	55541	32.7
1606.7	4948 MONTOYA P	55554	20.7
1615.5	5380 PALOMAS P	55563	11.9
1621.9	4927 HARGIS P	55574	5.5
1627.4	Yd. Lmts. TO-R TUCUMCARI BKYPQ	55580	0.0
	(331.5)		

Automatic Block Signal System

ADDITIONAL STATIONS			
Capacity and Direction of entry into Spurs	Mile Post	NAME	Station Number
W	1306.4	Tobin..... (Spur)	55105
2665W ..	1312.6	Bunsen..... (Spur)	55111

**RULE 10-I**

Oral authorization and acknowledgments between Foremen and Engineers for trains to pass "Red Conditional Stop" signs must be worded in the following forms:

SP FOREMAN . . . . AT MP . . . . CALLING SP (Train No.) . . . .

(After train answers giving his identification): (i. e.) SP Train . . . .

**Foreman's Response**

"THIS IS SP FOREMAN . . . IN CHARGE OF THE WORK BETWEEN MP . . . . AND MP . . . . SP TRAIN ORDER NO. . . . . WE ARE IN THE CLEAR AND YOU MAY PROCEED PAST THE RED CONDITIONAL STOP SIGN AND THROUGH THE LIMITS OF ORDER AT . . . . MPH, REPEAT . . . . MPH"\*

**Engineer's Response**

"THIS IS ENGINEER SP TRAIN . . . . I MAY PROCEED PAST THE RED CONDITIONAL STOP SIGN AND THROUGH THE LIMITS OF ORDER NO. . . . . BETWEEN MP . . . . AND MP . . . . AT (Speed). REPEAT (Speed) MILES PER HOUR."

Foreman must acknowledge Engineer's response as follows:

SP TRAIN ORDER NO. . . . ., BETWEEN MP . . . . AND MP . . . . . MPH\* OK."

\*When no speed restriction account above Form "Y" Train Order, tell train engineer "At Maximum Authorized Speed."

"Foreman's oral authorization for train to pass "Red Conditional Stop" sign in multiple main track territory on which trains may be authorized to operate in either direction must designate main track on which authority applies, worded in the following form:

**FOREMAN'S RESPONSE**

THIS IS SP FOREMAN . . . IN CHARGE OF THE WORK BETWEEN MP . . . AND MP . . . SP TRAIN ORDER NO. . . . WE ARE IN THE CLEAR OF TRACK . . . . AND YOU MAY PROCEED PAST THE RED CONDITIONAL STOP SIGN ON TRACK . . . AND THROUGH THE LIMITS OF ORDER AT . . . MPH, REPEAT . . . MPH

"Engineer's response and foreman's acknowledgement must indicate main track on which movement is authorized."

**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