This PDF contains all the directions and charts to be able to play Pine Tar Baseball. Four teams are included as well so you can demo the game. You may print out the teams for personal use only. Redistribution of either this PDF or the material contained within in any format is prohibited. Pine Tar Baseball is copyrighted 2014-2020 by Life is Sport Games.

For any inquiries into the game contact James Formo at ttlgames@yahoo.com

Additional seasons for Pine Tar and the printed version of the game are available at
http://ttlbaseballgame.com/

Joe TORRE — Catcher
Bats: R Throws: R

vs LHP		vs RHP
0-1	HR	0-2
2	3B	3
3-6	2B	4-9
7-27	1B	10-29
28-33	BB	30-34
--	HBP	35-36
34-36	ROE/PO	37-38
37-46	SO	39-48
47-51	GO-1B	49-50
52-56	GO-2B	51-55
57	GO-P	56
58-66	GO-SS	57-64
67-72	GO-3B	65-69
73-77	FO-RF	70-74
78-87	FO-CF	75-85
88-96	FO-LF	86-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 80
SBC 22 SBO E
INJ 27B
AR -5
RG N EC 4
Year: 1964 Team: Atl
BA: 321 OBP: 365 SLG: 498

Hank AARON — Rightfielder-OF-1B
Bats: R Throws: R

vs LHP		vs RHP
0-5	HR	0-6
6	3B	--
7-10	2B	7-11
11-25	1B	12-24
26-35	BB	25-37
36	HBP	38-40
37-38	ROE/PO	41
39-50	SO	42-58
51-54	GO-1B	59-61
55-58	GO-2B	62-66
59	GO-P	67
60-65	GO-SS	68-72
66-71	GO-3B	73-77
72-76	FO-RF	78-80
77-87	FO-CF	81-88
88-96	FO-LF	89-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 74
SBC 75 SBO C
INJ 8A Arm A
RG N N N EC 4
Year: 1962 Team: Atl
BA: 323 OBP: 390 SLG: 618

Freddie FREEMAN — Firstbaseman
Bats: L Throws: R

vs LHP		vs RHP
0-1	HR	0-3
--	3B	4
2-5	2B	5-9
6-25	1B	10-28
26-33	BB	29-39
34-36	HBP	40
37-38	ROE/PO	41
39-57	SO	42-60
58-61	GO-1B	61-63
62-68	GO-2B	64-69
69	GO-P	70
70-73	GO-SS	71-73
74-75	GO-3B	74-76
76-83	FO-RF	77-85
84-92	FO-CF	86-93
93-96	FO-LF	94-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 12
SBC 66 SBO E
INJ 19B
RG N EC 4
Year: 2013 Team: Atl
BA: 319 OBP: 396 SLG: 501

Javy LOPEZ — Catcher
Bats: R Throws: R

vs LHP		vs RHP
0-5	HR	0-6
6	3B	--
7-10	2B	7-9
11-25	1B	10-25
26-31	BB	26-31
--	HBP	32
32-33	ROE/PO	33
34-50	SO	34-49
51-54	GO-1B	50-53
55-58	GO-2B	54-58
59	GO-P	59
60-65	GO-SS	60-66
66-71	GO-3B	67-72
72-76	FO-RF	73-77
77-87	FO-CF	78-87
88-96	FO-LF	88-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 85
SBC 45 SBO E
INJ 49D
AR +4
RG P EC 4
Year: 1998 Team: Atl
BA: 284 OBP: 328 SLG: 540

Wally BERGER — Centerfielder-LF
Bats: R Throws: R

vs LHP		vs RHP
0-2	HR	0-2
3	3B	3
4-11	2B	4-9
12-27	1B	10-29
28-34	BB	30-36
--	HBP	37
35	ROE/PO	38
36-47	SO	39-48
48-50	GO-1B	49-50
51-55	GO-2B	51-55
56	GO-P	56
57-64	GO-SS	57-64
65-69	GO-3B	65-69
70-74	FO-RF	70-74
75-85	FO-CF	75-85
86-96	FO-LF	86-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 26
SBC 64 SBO D
INJ 17A Arm W
RG N N EC 5
Year: 1931 Team: Atl
BA: 323 OBP: 380 SLG: 512

Rafael FURCAL — Shortstop
Bats: Both Throws: R

vs LHP		vs RHP
0-1	HR	0-1
2-4	3B	2
5-9	2B	3-6
10-26	1B	7-24
27-32	BB	25-34
33	HBP	--
34-35	ROE/PO	35
36-45	SO	36-47
46-47	GO-1B	48-53
48-52	GO-2B	54-60
53	GO-P	61
54-60	GO-SS	62-67
61-66	GO-3B	68-70
67-72	FO-RF	71-80
73-84	FO-CF	81-91
85-96	FO-LF	92-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 51
SBC 79 SBO B
INJ 19B
RG P EC 6
Year: 2005 Team: Atl
BA: 284 OBP: 348 SLG: 429

Glen HUBBARD — Secondbaseman
Bats: R Throws: R

vs LHP		vs RHP
0-1	HR	0
--	3B	--
2-5	2B	1-5
6-24	1B	6-19
25-33	BB	20-29
--	HBP	30
34-36	ROE/PO	31
37-44	SO	32-42
45-47	GO-1B	43-46
48-52	GO-2B	47-53
53	GO-P	54
54-60	GO-SS	55-62
61-66	GO-3B	63-68
67-72	FO-RF	69-73
73-84	FO-CF	74-84
85-96	FO-LF	85-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 80
SBC 45 SBO E
INJ 57D
RG P EC 4
Year: 1982 Team: Atl
BA: 248 OBP: 324 SLG: 350

Joe ADCOCK — Firstbaseman-LF
Bats: R Throws: R

vs LHP		vs RHP
0-7	HR	0-3
--	3B	4
8-11	2B	5-9
12-26	1B	10-26
27-36	BB	27-32
--	HBP	--
37-38	ROE/PO	33-34
39-56	SO	35-51
57-59	GO-1B	52-55
60-64	GO-2B	56-61
65	GO-P	62
66-71	GO-SS	63-69
72-76	GO-3B	70-75
77-80	FO-RF	76-79
81-88	FO-CF	80-88
89-96	FO-LF	89-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 89
SBC 49 SBO D
INJ 23C Arm W
RG N N EC 3
Year: 1959 Team: Atl
BA: 292 OBP: 339 SLG: 535

Eddie MATTHEWS — Thirdbaseman-1B
Bats: L Throws: R

vs LHP		vs RHP
0-5	HR	0-6
6	3B	7
--	2B	8-10
7-19	1B	11-28
20-30	BB	29-39
31	HBP	40
32	ROE/PO	41
33-48	SO	42-50
49-53	GO-1B	51-54
54-60	GO-2B	55-61
61	GO-P	62
62-67	GO-SS	63-67
68-70	GO-3B	68-70
71-80	FO-RF	71-81
81-91	FO-CF	82-92
92-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 89
SBC 77 SBO E
INJ 22B
RG N G EC 4
Year: 1959 Team: Atl
BA: 306 OBP: 390 SLG: 593

Chipper JONES

Bats: Both — Throws: R
Thirdbaseman-LF

vs LHP		vs RHP
0-2	HR	0-5
3	3B	6
4-8	2B	7-13
9-24	1B	14-30
25-34	BB	31-46
--	HBP	--
35-37	ROE/PO	47-48
38-50	SO	49-60
51-54	GO-1B	61-63
55-58	GO-2B	64-69
59	GO-P	70
60-65	GO-SS	71-73
66-71	GO-3B	74-76
72-76	FO-RF	77-85
77-87	FO-CF	86-93
88-96	FO-LF	94-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 59
SBC 87   SBO E
INJ 37D   Arm A
RG N G   EC 4
Year: 2007
Team: Atl
BA: 337
OBP: 425
SLG: 604

Marcus GILES

Bats: R — Throws: R
Secondbaseman

vs LHP		vs RHP
0-1	HR	0-1
2	3B	--
3-5	2B	2-7
6-20	1B	8-23
21-27	BB	24-34
28	HBP	35
29-30	ROE/PO	36
31-46	SO	37-53
47-51	GO-1B	54-57
52-56	GO-2B	58-61
57	GO-P	62
58-66	GO-SS	63-68
67-72	GO-3B	69-73
73-77	FO-RF	74-77
78-87	FO-CF	78-87
88-96	FO-LF	88-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 69
SBC 74   SBO D
INJ 33C
RG N   EC 5
Year: 2006
Team: Atl
BA: 262
OBP: 341
SLG: 387

Yunel ESCOBAR

Bats: R — Throws: R
Shortstop-3B

vs LHP		vs RHP
0	HR	0-1
1	3B	--
2-3	2B	2-6
4-23	1B	7-25
24-31	BB	26-36
32	HBP	37
33	ROE/PO	38-39
34-40	SO	40-51
41-42	GO-1B	52-54
43-47	GO-2B	55-58
48-49	GO-P	59
50-59	GO-SS	60-65
60-68	GO-3B	66-71
69-75	FO-RF	72-76
76-86	FO-CF	77-87
87-96	FO-LF	88-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 75
SBC 49   SBO D
INJ 32C
RG N G   EC 5
Year: 2008
Team: Atl
BA: 288
OBP: 366
SLG: 401

Dale MURPHY

Bats: R — Throws: R
Centerfielder-RF-1B-LF

vs LHP		vs RHP
0-7	HR	0-3
--	3B	4-5
8-12	2B	6-9
13-26	1B	10-24
27-41	BB	25-34
--	HBP	35
42	ROE/PO	36
43-61	SO	37-56
62-63	GO-1B	57-59
64-66	GO-2B	60-64
67	GO-P	65
68-72	GO-SS	66-71
73-77	GO-3B	72-76
78-80	FO-RF	77-80
81-89	FO-CF	81-88
90-96	FO-LF	89-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 74
SBC 79   SBO C
INJ N   Arm E
RG G N N P   EC 5
Year: 1984
Team: Atl
BA: 290
OBP: 372
SLG: 547

Andruw JONES

Bats: R — Throws: R
Centerfielder-RF-LF

vs LHP		vs RHP
0-1	HR	0-5
--	3B	--
2-6	2B	6-10
7-17	1B	11-22
18-36	BB	23-34
--	HBP	35-36
--	ROE/PO	37
37-58	SO	38-57
59-61	GO-1B	58-59
62-66	GO-2B	60-64
67	GO-P	65
68-72	GO-SS	66-71
73-77	GO-3B	72-76
78-80	FO-RF	77-80
81-88	FO-CF	81-88
89-96	FO-LF	89-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 85
SBC 70   SBO D
INJ 19A   Arm E
RG P P N   EC 3
Year: 2002
Team: Atl
BA: 264
OBP: 366
SLG: 513

David JUSTICE

Bats: L — Throws: L
Rightfielder-LF

vs LHP		vs RHP
0-6	HR	0-4
--	3B	5
7-11	2B	6-9
12-31	1B	10-21
32-43	BB	22-33
--	HBP	--
44	ROE/PO	--
45-59	SO	34-53
60-63	GO-1B	54-58
64-69	GO-2B	59-65
70	GO-P	66
71-73	GO-SS	67-71
74-76	GO-3B	72-75
77-85	FO-RF	76-82
86-93	FO-CF	83-90
94-96	FO-LF	91-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 49
SBC 57   SBO C
INJ 46C   Arm W
RG N G   EC 5
Year: 1990
Team: Atl
BA: 282
OBP: 373
SLG: 535

Ron GANT

Bats: R — Throws: R
Leftfielder-CF-2B

vs LHP		vs RHP
0-4	HR	0-5
--	3B	6
5-8	2B	7-9
9-24	1B	10-23
25-38	BB	24-31
--	HBP	32
39	ROE/PO	33-35
40-46	SO	36-55
47-51	GO-1B	56-58
52-56	GO-2B	59-63
57	GO-P	64-65
58-66	GO-SS	66-72
67-72	GO-3B	73-78
73-77	FO-RF	79-82
78-87	FO-CF	83-90
88-96	FO-LF	91-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR F   SHC 70
SBC 73   SBO B
INJ 35B   Arm A
RG N N N   EC 5
Year: 1993
Team: Atl
BA: 274
OBP: 345
SLG: 510

Card 1 — Warren SPAHN

Bats: L Throws: L

Warren SPAHN
Pitcher (S)

vs ALL	
0-2	HR
--	3B
4-5	2B
6-19	1B
20-23	BB
--	HBP
24	ROE/PO
25-53	SO
54-59	GO-1B
60-67	GO-2B
68	GO-P
69-72	GO-SS
73-75	GO-3B
76-83	FO-RF
84-92	FO-CF
93-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 72
SBC 55 SBO E
INJ 1D

RG N EC 5

Pitching Grades

Away	Home
A/A	A/A+

Year: 1956 Tm: Atl

NC

MIP 8 BK/WP --/99

Card 2 — Greg MADDUX

Bats: R Throws: R

Greg MADDUX
Pitcher (S)

vs ALL	
--	HR
--	3B
0-3	2B
4-21	1B
22-26	BB
--	HBP
--	ROE/PO
27-48	SO
49-50	GO-1B
51-55	GO-2B
56	GO-P
57-64	GO-SS
65-69	GO-3B
70-74	FO-RF
75-85	FO-CF
86-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR M SHC 79
SBC 78 SBO E
INJ 3D

RG P EC 3

Pitching Grades

Away	Home
A+/A+	A+/A+

Year: 1998 Tm: Atl

NC

MIP 7 BK/WP --/89

Card 3 — Tom GLAVINE

Bats: L Throws: L

Tom GLAVINE
Pitcher (S)

vs ALL	
--	HR
--	3B
--	2B
0-17	1B
18-26	BB
27-28	HBP
29-32	ROE/PO
33-49	SO
50-54	GO-1B
55-60	GO-2B
61	GO-P
62-66	GO-SS
67-68	GO-3B
69-79	FO-RF
80-91	FO-CF
92-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 81
SBC 0 SBO N
INJ 2D

RG P EC 2

Pitching Grades

Away	Home
B/B	A+/A+

Year: 1997 Tm: Atl

NC

MIP 7 BK/WP --/67

Card 4 — Phil NIEKRO

Bats: R Throws: R

Phil NIEKRO
Pitcher (S)

vs ALL	
--	HR
--	3B
0-2	2B
3-20	1B
21-23	BB
24	HBP
--	ROE/PO
25-44	SO
45-47	GO-1B
48-52	GO-2B
53	GO-P
54-60	GO-SS
61-66	GO-3B
67-72	FO-RF
73-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 79
SBC 0 SBO N
INJ N

RG N EC 2

Pitching Grades

Away	Home
A/A	B/C

Year: 1978 Tm: Atl

SO 55, 77

MIP 8 BK/WP 22/99

Card 5 — Vic WILLIS

Bats: R Throws: R

Vic WILLIS
Pitcher (S)

vs ALL	
--	HR
--	3B
--	2B
0-12	1B
13-20	BB
21-22	HBP
23	ROE/PO
24-41	SO
42-46	GO-1B
47-53	GO-2B
54	GO-P
55-62	GO-SS
63-68	GO-3B
69-73	FO-RF
74-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 71
SBC 0 SBO N
INJ 3D

RG P EC 2

Pitching Grades

Away	Home
M/M	M/A

Year: 1898 Tm: Atl

SO 55-60, 77

MIP 8 BK/WP 10/99

Card 6 — John SMOLTZ

Bats: R Throws: R

John SMOLTZ
Pitcher (S)

vs ALL	
0	HR
--	3B
1-6	2B
7-23	1B
24-30	BB
31-32	HBP
--	ROE/PO
33-72	SO
73-74	GO-1B
75-76	GO-2B
77	GO-P
78-81	GO-SS
82-83	GO-3B
84-85	FO-RF
86-91	FO-CF
92-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR M SHC 81
SBC 0 SBO N
INJ 20D

RG N EC 6

Pitching Grades

Away	Home
A/A+	A/A+

Year: 1999 Tm: Atl

SO 77

MIP 6 BK/WP --/58

Card 7 — Lew BURDETTE

Bats: R Throws: R

Lew BURDETTE
Pitcher (S)

vs ALL	
0-2	HR
3	3B
4	2B
5-22	1B
23-25	BB
26	HBP
27	ROE/PO
28-51	SO
52-55	GO-1B
56-61	GO-2B
62	GO-P
63-69	GO-SS
70-75	GO-3B
76-79	FO-RF
80-88	FO-CF
89-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR M SHC 88
SBC 0 SBO N
INJ 1D

RG P EC 3

Pitching Grades

Away	Home
B/C	A+/A

Year: 1958 Tm: Atl

NC

MIP 7 BK/WP --/18

Card 8 — Julio TEHERAN

Bats: R Throws: R

Julio TEHERAN
Pitcher (S)

vs ALL	
--	HR
--	3B
0-4	2B
5-20	1B
21-23	BB
--	HBP
24-25	ROE/PO
26-51	SO
52-55	GO-1B
56-61	GO-2B
62	GO-P
63-69	GO-SS
70-75	GO-3B
76-79	FO-RF
80-88	FO-CF
89-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 82
SBC 0 SBO N
INJ 10D

RG P EC 1

Pitching Grades

Away	Home
C/A	B/A

Year: 2013 Tm: Atl

SO 77

MIP 6 BK/WP --/56

Card 9 — Old Hoss RADBOURN

Bats: R Throws: R

Old Hoss RADBOURN
Pitcher (S)

vs ALL	
0	HR
--	3B
--	2B
1-16	1B
17-23	BB
24-25	HBP
26	ROE/PO
27-40	SO
41-42	GO-1B
43-47	GO-2B
48-49	GO-P
50-59	GO-SS
60-68	GO-3B
69-75	FO-RF
76-86	FO-CF
87-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 75
SBC 47 SBO D
INJ 12D

RG N EC 4

Pitching Grades

Away	Home
C/B	B/A

Year: 1889 Tm: Atl

NC

MIP 7 BK/WP --/99

Card 1: Craig KIMBREL

Bats: R — Throws: R

Craig KIMBREL
Pitcher (R)

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
--	ROE/PO	
2-52	SO	
53-55	GO-1B	
56-61	GO-2B	
62	GO-P	
63-69	GO-SS	
70-75	GO-3B	
76-79	FO-RF	
80-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 9
SBC 0 — SBO N
INJ 1C
RG G — EC 3

Pitching Grades

Away	Home
M	A+

Year: 2011 — Tm: Atl

SO 55-60,77

MIP 1* — BK/WP --/99

Card 2: Mike REMLINGER

Bats: L — Throws: L

Mike REMLINGER
Pitcher (R)

vs ALL		
--	HR	
--	3B	
0-1	2B	
2-5	1B	
6-12	BB	
--	HBP	
13-14	ROE/PO	
15-44	SO	
45-51	GO-1B	
52-58	GO-2B	
59	GO-P	
60-65	GO-SS	
66-69	GO-3B	
70-79	FO-RF	
80-90	FO-CF	
91-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ N
RG G — EC 5

Pitching Grades

Away	Home
B	A

Year: 2000 — Tm: Atl

BB 55, 77

MIP 1* — BK/WP --/99

Card 3: Gene GARBER

Bats: R — Throws: R

Gene GARBER
Pitcher (R)

vs ALL		
--	HR	
--	3B	
--	2B	
0-12	1B	
13-21	BB	
--	HBP	
22	ROE/PO	
23-53	SO	
54-57	GO-1B	
58-61	GO-2B	
62	GO-P	
63-68	GO-SS	
69-73	GO-3B	
74-77	FO-RF	
78-87	FO-CF	
88-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 84
SBC 0 — SBO N
INJ 5C
RG P — EC 3

Pitching Grades

Away	Home
A	A

Year: 1986 — Tm: Atl

NC

MIP 1* — BK/WP --/99

Card 4: Mark WOHLERS

Bats: R — Throws: R

Mark WOHLERS
Pitcher (R)

vs ALL		
--	HR	
--	3B	
--	2B	
0-7	1B	
--	BB	
--	HBP	
8-12	ROE/PO	
13-73	SO	
74	GO-1B	
75-76	GO-2B	
77	GO-P	
78-81	GO-SS	
82-83	GO-3B	
84-85	FO-RF	
86-91	FO-CF	
92-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 82
SBC 0 — SBO N
INJ 1C
RG G — EC 9

Pitching Grades

Away	Home
M	D

Year: 1997 — Tm: Atl

SO 55-60, 77

MIP 1* — BK/WP --/99

Card 5: Steve BEDROSIAN

Bats: R — Throws: R

Steve BEDROSIAN
Pitcher (R)

vs ALL		
--	HR	
--	3B	
--	2B	
0-8	1B	
9-10	BB	
--	HBP	
11-12	ROE/PO	
13-48	SO	
49-50	GO-1B	
51-55	GO-2B	
56	GO-P	
57-64	GO-SS	
65-69	GO-3B	
70-74	FO-RF	
75-85	FO-CF	
86-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 74
SBC 0 — SBO N
INJ 9C
RG G — EC 5

Pitching Grades

Away	Home
D	A+

Year: 1994 — Tm: Atl

SO 55, 77

MIP 1* — BK/WP --/99

Card 6: John ROCKER

Bats: R — Throws: L

John ROCKER
Pitcher (R)

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
--	BB	
--	HBP	
1	ROE/PO	
2-61	SO	
62-63	GO-1B	
64-67	GO-2B	
68	GO-P	
69-73	GO-SS	
74-77	GO-3B	
78-80	FO-RF	
81-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 11
SBC 0 — SBO N
INJ 1C
RG G — EC 9

Pitching Grades

Away	Home
M	M

Year: 2000 — Tm: Atl

BB 55-60, 77

MIP 1* — BK/WP 29/99

Justin TURNER — Thirdbaseman-2B
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0-3	HR	0-2
4	3B	--
5-6	2B	3-10
7-20	1B	11-27
21-32	BB	28-33
33	HBP	34-37
--	ROE/PO	38
34-53	SO	39-53
54-57	GO-1B	54-57
58-61	GO-2B	58-61
62	GO-P	62
63-68	GO-SS	63-68
69-73	GO-3B	69-73
74-77	FO-RF	74-77
78-87	FO-CF	78-87
88-96	FO-LF	88-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 70 SBC 77 SBO D INJ 47C RG N N EC 3
Year: 2015 Team: LA N BA: 294 OBP: 370 SLG: 491

Ron CEY — Thirdbaseman
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0-3	HR	0-3
--	3B	4
4	2B	5-7
5-23	1B	8-22
24-39	BB	23-36
--	HBP	37
--	ROE/PO	38-39
40-53	SO	40-51
54-57	GO-1B	52-55
58-61	GO-2B	56-61
62	GO-P	62
63-68	GO-SS	63-69
69-73	GO-3B	70-75
74-77	FO-RF	76-79
78-87	FO-CF	80-88
88-96	FO-LF	89-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 89 SBC 44 SBO E INJ 25B RG N EC 3
Year: 1976 Team: LA N BA: 277 OBP: 386 SLG: 462

Pee Wee REESE — Shortstop-3B
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0	HR	0-1
1-2	3B	2
3-4	2B	3-7
5-20	1B	8-22
21-36	BB	23-35
--	HBP	36
37-38	ROE/PO	37-38
39-46	SO	39-48
47-51	GO-1B	49-50
52-56	GO-2B	51-55
57	GO-P	56
58-66	GO-SS	57-64
67-72	GO-3B	65-69
73-77	FO-RF	70-74
78-87	FO-CF	75-85
88-96	FO-LF	86-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 72 SBC 76 SBO C INJ 26B RG N N EC 4
Year: 1953 Team: LA N BA: 271 OBP: 374 SLG: 420

Willie DAVIS — Centerfielder
Bats: L Throws: L

vs LHP	Outcome	vs RHP
0	HR	0-1
1-2	3B	2
3-9	2B	3-6
10-28	1B	7-29
29-31	BB	30-33
--	HBP	--
--	ROE/PO	34-35
32-38	SO	36-42
39-45	GO-1B	43-49
46-55	GO-2B	50-58
56-57	GO-P	59
58-63	GO-SS	60-64
64-66	GO-3B	65-69
67-78	FO-RF	70-79
79-90	FO-CF	80-90
91-96	FO-LF	91-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 61 SBC 76 SBO C INJ 15B Arm A RG N EC 2
Year: 1971 Team: LA N BA: 309 OBP: 330 SLG: 448

Roy CAMPANELLA — Catcher
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0-8	HR	0-4
--	3B	5
9-13	2B	6-8
14-28	1B	9-22
29-38	BB	23-34
39	HBP	--
40	ROE/PO	35
41-47	SO	36-47
48-51	GO-1B	48-50
52-56	GO-2B	51-55
57	GO-P	56
58-66	GO-SS	57-64
67-72	GO-3B	65-69
73-77	FO-RF	70-74
78-87	FO-CF	75-85
88-96	FO-LF	86-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 69 SBC 54 SBO E INJ 34C AR -20 RG P EC 3
Year: 1950 Team: LA N BA: 281 OBP: 364 SLG: 551

Mike SCIOSCIA — Catcher
Bats: L Throws: R

vs LHP	Outcome	vs RHP
--	HR	0
--	3B	--
0-1	2B	1-5
2-10	1B	6-24
11-21	BB	25-37
22	HBP	--
23-24	ROE/PO	38-39
25-31	SO	40-46
32-41	GO-1B	47-51
42-52	GO-2B	52-58
53-55	GO-P	59
56-62	GO-SS	60-65
63-66	GO-3B	66-69
67-78	FO-RF	70-79
79-90	FO-CF	80-90
91-96	FO-LF	91-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 84 SBC 55 SBO E INJ 50C AR -4 RG P EC 4
Year: 1984 Team: LA N BA: 273 OBP: 367 SLG: 370

Maury WILLS — Shortstop-3B
Bats: Both Throws: R

vs LHP	Outcome	vs RHP
--	HR	--
--	3B	0
0-2	2B	1-3
3-25	1B	4-27
26-34	BB	28-34
--	HBP	--
35	ROE/PO	35
36-46	SO	36-42
47-51	GO-1B	43-49
52-56	GO-2B	50-58
57	GO-P	59
58-66	GO-SS	60-64
67-72	GO-3B	65-69
73-77	FO-RF	70-79
78-87	FO-CF	80-90
88-96	FO-LF	91-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 75 SBC 77 SBO A INJ 31B RG N N EC 5
Year: 1963 Team: LA N BA: 302 OBP: 355 SLG: 349

Gil HODGES — Firstbaseman
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0-8	HR	0-3
--	3B	4
9-15	2B	5-7
16-27	1B	8-22
28-41	BB	23-33
42	HBP	34
--	ROE/PO	35-36
43-58	SO	37-56
59-61	GO-1B	57-59
62-66	GO-2B	60-64
67	GO-P	65
68-72	GO-SS	66-71
73-77	GO-3B	72-76
78-80	FO-RF	77-80
81-88	FO-CF	81-88
89-96	FO-LF	89-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 42 SBC 56 SBO E INJ 39C RG G EC 3
Year: 1959 Team: LA N BA: 276 OBP: 367 SLG: 513

Steve GARVEY — Firstbaseman-3B
Bats: R Throws: R

vs LHP	Outcome	vs RHP
0-2	HR	0-1
3	3B	2
4-9	2B	3-7
10-30	1B	8-29
31-33	BB	30-33
--	HBP	34
34-36	ROE/PO	35-36
37-48	SO	37-45
49-50	GO-1B	46-47
51-55	GO-2B	48-52
56	GO-P	53
57-64	GO-SS	54-60
65-69	GO-3B	61-66
70-74	FO-RF	67-72
75-85	FO-CF	73-84
86-96	FO-LF	85-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 66 SBC 69 SBO D INJ 7A RG N N EC 2
Year: 1975 Team: LA N BA: 319 OBP: 351 SLG: 476

Jackie ROBINSON
Bats: R   Throws: R
Secondbaseman-3B-1B-LF

vs LHP		vs RHP
0-2	HR	0-1
3	3B	2
4-9	2B	3-8
10-26	1B	9-27
27-37	BB	28-41
38	HBP	42
39	ROE/PO	43-44
40-41	SO	45-49
42-46	GO-1B	50-53
47-53	GO-2B	54-58
54	GO-P	59
55-62	GO-SS	60-66
63-68	GO-3B	67-72
69-73	FO-RF	73-77
74-84	FO-CF	78-87
85-96	FO-LF	88-96
97	LO-SS	97
98	ROE/LO	98
99	BK/WP	99

BR F   SHC 55   SBC 77   SBO C   INJ 26A   Arm A
RG N N N N   EC 3
Year: 1950   Team: LA N
BA: 328   OBP: 423   SLG: 500

Davey LOPES
Bats: R   Throws: R
Secondbaseman-CF

vs LHP		vs RHP
0-1	HR	0-2
2-3	3B	--
4-7	2B	3-6
8-26	1B	7-23
27-35	BB	24-34
--	HBP	--
36	ROE/PO	35
37-41	SO	36-47
42-46	GO-1B	48-51
47-53	GO-2B	52-56
54	GO-P	57
55-62	GO-SS	58-66
63-68	GO-3B	67-72
69-73	FO-RF	73-77
74-84	FO-CF	78-87
85-96	FO-LF	88-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR F   SHC 82   SBC 87   SBO B   INJ 20B   Arm A
RG N G   EC 5
Year: 1978   Team: LA N
BA: 278   OBP: 355   SLG: 421

Duke SNIDER
Bats: L   Throws: R
Centerfielder-RF

vs LHP		vs RHP
0	HR	0-6
1	3B	--
2-9	2B	7-11
10-19	1B	12-24
20-28	BB	25-40
--	HBP	--
29	ROE/PO	41
30-52	SO	42-55
53-59	GO-1B	56-60
60-67	GO-2B	61-67
68	GO-P	68
69-72	GO-SS	69-71
73-75	GO-3B	72-73
76-83	FO-RF	74-81
84-92	FO-CF	82-92
93-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 67   SBC 49   SBO E   INJ 24A   Arm A
RG G G   EC 4
Year: 1956   Team: LA N
BA: 292   OBP: 399   SLG: 598

Pedro GUERRERO
Bats: R   Throws: R
Thirdbaseman-LF-RF

vs LHP		vs RHP
0-5	HR	0-4
6	3B	5
7-9	2B	6-9
10-24	1B	10-25
25-33	BB	26-37
34	HBP	--
--	ROE/PO	38-39
35-59	SO	40-54
60-61	GO-1B	55-57
62-66	GO-2B	58-61
67	GO-P	62
68-72	GO-SS	63-68
73-77	GO-3B	69-73
78-80	FO-RF	74-77
81-88	FO-CF	78-87
89-96	FO-LF	88-96
97	LO-3B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 89   SBC 69   SBO C   INJ 16B   Arm W
RG N N N   EC 7
Year: 1983   Team: LA N
BA: 298   OBP: 373   SLG: 531

Cody BELLINGER
Bats: L   Throws: L
Rightfielder-1B

vs LHP		vs RHP
0-6	HR	0-6
7	3B	7
8-11	2B	8-12
12-23	1B	13-22
24-32	BB	23-35
33	HBP	--
--	ROE/PO	36
34-57	SO	37-64
58-61	GO-1B	65-66
62-68	GO-2B	67-71
69	GO-P	72
70-73	GO-SS	73-76
74-75	GO-3B	77-78
76-83	FO-RF	79-86
84-92	FO-CF	87-93
93-96	FO-LF	94-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 14   SBC 78   SBO D   INJ 29B   Arm E
RG N N   EC 3
Year: 2017   Team: LA N
BA: 267   OBP: 352   SLG: 581

Babe HERMAN
Bats: L   Throws: L
Rightfielder-1B-LF

vs LHP		vs RHP
0-1	HR	0-2
2-3	3B	3-5
4-11	2B	6-10
12-26	1B	11-29
27-32	BB	30-38
--	HBP	--
33	ROE/PO	39
34-44	SO	40-47
45-51	GO-1B	48-53
52-58	GO-2B	54-60
59	GO-P	61
60-65	GO-SS	62-67
66-69	GO-3B	68-70
70-79	FO-RF	71-80
80-90	FO-CF	81-91
91-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 61   SBC 64   SBO C   INJ 16A   Arm A
RG N N N   EC 7
Year: 1931   Team: LA N
BA: 313   OBP: 365   SLG: 525

Matt KEMP
Bats: R   Throws: R
Centerfielder-OF

vs LHP		vs RHP
0-3	HR	0-3
4-5	3B	--
6-8	2B	4-11
9-23	1B	12-26
24-31	BB	27-35
--	HBP	--
32-33	ROE/PO	--
34-51	SO	36-62
52-55	GO-1B	63-64
56-61	GO-2B	65-67
62	GO-P	68
63-69	GO-SS	69-73
70-75	GO-3B	74-77
76-79	FO-RF	78-80
80-88	FO-CF	81-88
89-96	FO-LF	89-96
97	LO-2B	97
98	ROE/LO	98
99	BK/WP	99

BR M   SHC 32   SBC 73   SBO D   INJ 44C   Arm A
RG G G   EC 5
Year: 2014   Team: LA N
BA: 287   OBP: 346   SLG: 506

Clayton KERSHAW — Pitcher (S)

Bats: L | Throws: L

Roll	Result
--	HR
--	3B
0-1	2B
2-14	1B
15-21	BB
--	HBP
22-23	ROE/PO
24-45	SO
46-51	GO-1B
52-58	GO-2B
59	GO-P
60-65	GO-SS
66-69	GO-3B
70-79	FO-RF
80-90	FO-CF
91-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 71 — SBC 0 — SBO N — INJ 34D — RG N — EC 2

Pitching Grades: Away A+/A+ — Home A+/A+
Year: 2017 — Tm: LA N — SO 55, 77 — MIP 7 — BK/WP 34/99

Sandy KOUFAX — Pitcher (S)

Bats: R | Throws: L

Roll	Result
0	HR
--	3B
--	2B
1-5	1B
6-10	BB
--	HBP
11-51	ROE/PO
52-55	SO
56-61	GO-1B
62	GO-2B
63-69	GO-P
70-75	GO-SS
76-79	GO-3B
80-88	FO-RF
89-96	FO-CF
97	FO-LF
98	LO-SS
99	ROE/LO
	BK/WP

BR S — SHC 48 — SBC 0 — SBO N — INJ 3D — RG G — EC 4

Pitching Grades: Away A+/A — Home A+/A+
Year: 1963 — Tm: LA N — SO 55-60, 77 — MIP 8 — BK/WP 17/99

Don DRYSDALE — Pitcher (S) (R)

Bats: R | Throws: R

Roll	Result
--	HR
0-1	3B
2-7	2B
8-12	1B
13-18	BB
--	HBP
--	ROE/PO
19-51	SO
52-55	GO-1B
56-61	GO-2B
62	GO-P
63-69	GO-SS
70-75	GO-3B
76-79	FO-RF
80-88	FO-CF
89-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 75 — SBC 0 — SBO N — INJ 1D — RG P — EC 7

Pitching Grades: Away A+/A — Home A/B
Year: 1960 — Tm: LA N — SO 55-60, 77 — MIP 7/2* — BK/WP --/99

Dazzy VANCE — Pitcher (S)

Bats: R | Throws: R

Roll	Result
--	HR
--	3B
0-1	2B
2-14	1B
15-20	BB
--	HBP
21-23	ROE/PO
24-48	SO
49-50	GO-1B
51-55	GO-2B
56	GO-P
57-64	GO-SS
65-69	GO-3B
70-74	FO-RF
75-85	FO-CF
86-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 86 — SBC 0 — SBO N — INJ 6D — RG G — EC 2

Pitching Grades: Away B/A — Home A+/A+
Year: 1927 — Tm: LA N — SO 55-60, 77 — MIP 8 — BK/WP --/39

Don SUTTON — Pitcher (S)

Bats: R | Throws: R

Roll	Result
--	HR
--	3B
0-1	2B
2-19	1B
20-22	BB
--	HBP
23-25	ROE/PO
26-44	SO
45-47	GO-1B
48-52	GO-2B
53	GO-P
54-60	GO-SS
61-66	GO-3B
67-72	FO-RF
73-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 78 — SBC 0 — SBO N — INJ 3D — RG G — EC 2

Pitching Grades: Away D/D — Home A+/A+
Year: 1971 — Tm: LA N — SO 77 — MIP 7 — BK/WP --/99

Orel HERSHISER — Pitcher (S)

Bats: R | Throws: R

Roll	Result
--	HR
--	3B
0-4	2B
5-18	1B
19-20	BB
--	HBP
21-26	ROE/PO
27-42	SO
43-46	GO-1B
47-53	GO-2B
54	GO-P
55-62	GO-SS
63-68	GO-3B
69-73	FO-RF
74-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 78 — SBC 66 — SBO E — INJ 1D — RG P — EC 6

Pitching Grades: Away B/C — Home A+/A
Year: 1987 — Tm: LA N — NC — MIP 7 — BK/WP 16/99

Fernando VALENZUELA — Pitcher (S)

Bats: L | Throws: L

Roll	Result
0-2	HR
--	3B
3-6	2B
7-16	1B
17	BB
--	HBP
--	ROE/PO
18-30	SO
31-35	GO-1B
36-41	GO-2B
42-44	GO-P
45-56	GO-SS
57-66	GO-3B
67-74	FO-RF
75-86	FO-CF
87-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 89 — SBC 0 — SBO N — INJ 2D — RG P — EC 3

Pitching Grades: Away M/C — Home B/A
Year: 1984 — Tm: LA N — SO 55-60, 77 — MIP 8 — BK/WP 8/99

Don NEWCOMBE — Pitcher (S)

Bats: L | Throws: R

Roll	Result
0	HR
1	3B
2-4	2B
5-23	1B
24-32	BB
--	HBP
33-34	ROE/PO
35-49	SO
50-54	GO-1B
55-60	GO-2B
61	GO-P
62-66	GO-SS
67-68	GO-3B
69-79	FO-RF
80-91	FO-CF
92-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR M — SHC 83 — SBC 66 — SBO E — INJ 3D — RG N — EC 4

Pitching Grades: Away A/A+ — Home B/A
Year: 1955 — Tm: LA N — SO 77 — MIP 7 — BK/WP --/--

Burleigh GRIMES — Pitcher (S)

Bats: R | Throws: R

Roll	Result
0	HR
--	3B
1-5	2B
6-21	1B
22-23	BB
24	HBP
--	ROE/PO
25-37	SO
38-39	GO-1B
40-45	GO-2B
46-47	GO-P
48-58	GO-SS
59-67	GO-3B
68-74	FO-RF
75-86	FO-CF
87-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S — SHC 84 — SBC 64 — SBO E — INJ 1D — RG P — EC 5

Pitching Grades: Away A+/A — Home A/A
Year: 1921 — Tm: LA N — SO 55, 77 — MIP 8 — BK/WP --/99

Kenley JANSEN — Pitcher (R)

Bats: Both   Throws: R

vs ALL		
--	HR	
--	3B	
0-4	2B	
5-21	1B	
22-32	BB	
--	HBP	
--	ROE/PO	
33-55	SO	
56-60	GO-1B	
61-67	GO-2B	
68	GO-P	
69-71	GO-SS	
72-73	GO-3B	
74-81	FO-RF	
82-92	FO-CF	
93-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR M   SHC 10
SBC 0   SBO N
INJ 8C
RG G   EC 9

Pitching Grades
Away: A   Home: A+
Year: 2012   Tm: LA N
SO 55-60, 77
MIP 1*   BK/WP --/99

Eric GAGNE — Pitcher (R)

Bats: R   Throws: R

vs ALL		
0	HR	
1	3B	
2	2B	
3-11	1B	
12	BB	
--	HBP	
13-14	ROE/PO	
15-39	SO	
40-41	GO-1B	
42-47	GO-2B	
48-49	GO-P	
50-59	GO-SS	
60-68	GO-3B	
69-75	FO-RF	
76-86	FO-CF	
87-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S   SHC 85
SBC 0   SBO N
INJ 25D
RG G   EC 1

Pitching Grades
Away: A+   Home: A
Year: 2004   Tm: LA N
SO 55-60, 77
MIP 1*   BK/WP --/99

Jonathan BROXTON — Pitcher (R)

Bats: R   Throws: R

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1-8	BB	
--	HBP	
9-12	ROE/PO	
13-61	SO	
62-63	GO-1B	
64-67	GO-2B	
68	GO-P	
69-73	GO-SS	
74-77	GO-3B	
78-80	FO-RF	
81-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S   SHC 49
SBC 0   SBO N
INJ 1C
RG N   EC 1

Pitching Grades
Away: D   Home: A+
Year: 2007   Tm: LA N
SO 55-60, 77
MIP 1*   BK/WP --/99

Steve HOWE — Pitcher (R)

Bats: L   Throws: L

vs ALL		
--	HR	
--	3B	
--	2B	
0-6	1B	
7-12	BB	
--	HBP	
--	ROE/PO	
13-46	SO	
47-52	GO-1B	
53-59	GO-2B	
60	GO-P	
61-65	GO-SS	
66-68	GO-3B	
69-79	FO-RF	
80-91	FO-CF	
92-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR F   SHC 84
SBC 0   SBO N
INJ 26C
RG P   EC 6

Pitching Grades
Away: A+   Home: A
Year: 1982   Tm: LA N
NC
MIP 2*   BK/WP --/56

Ron PERRANOSKI — Pitcher (R)

Bats: L   Throws: L

vs ALL		
--	HR	
--	3B	
0	2B	
1-7	1B	
8-13	BB	
--	HBP	
14	ROE/PO	
15-62	SO	
63-66	GO-1B	
67-71	GO-2B	
72	GO-P	
73-76	GO-SS	
77-78	GO-3B	
79-86	FO-RF	
87-93	FO-CF	
94-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S   SHC 61
SBC 0   SBO N
INJ 5D
RG N   EC 7

Pitching Grades
Away: A   Home: A+
Year: 1965   Tm: LA N
BB 55, 77
MIP 2*   BK/WP --/99

Takashi SAITO — Pitcher (R)

Bats: L   Throws: R

vs ALL		
--	HR	
--	3B	
--	2B	
--	1B	
0	BB	
--	HBP	
--	ROE/PO	
1-61	SO	
62-64	GO-1B	
65-69	GO-2B	
70	GO-P	
71-73	GO-SS	
74-76	GO-3B	
77-85	FO-RF	
86-93	FO-CF	
94-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S   SHC 13
SBC 0   SBO N
INJ 18C
RG G   EC 7

Pitching Grades
Away: A+   Home: A+
Year: 2008   Tm: LA N
SO 55-60, 77
MIP 1*   BK/WP --/99

John TUDOR — Pitcher (S) 36

Bats: L Throws: L

vs ALL

Roll	Result
--	HR
0-2	3B
3-4	2B
5-11	1B
12-16	BB
--	HBP
17-18	ROE/PO
19-41	SO
42-46	GO-1B
47-54	GO-2B
55	GO-P
56-61	GO-SS
62-65	GO-3B
66-77	FO-RF
78-89	FO-CF
90-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 89 SBC 0 SBO N INJ 4D RG N EC 5

Pitching Grades — Away: A+/B Home: A+/B
Year: 1985 Stl NC MIP 8 BK/WP --/81

Joaquin ANDUJAR — Pitcher (S) 38

Bats: Both Throws: R

vs ALL

Roll	Result
--	HR
--	3B
0-1	2B
2-8	1B
9-13	BB
--	HBP
--	ROE/PO
14-60	SO
61-64	GO-1B
65-70	GO-2B
71	GO-P
72-74	GO-SS
75-76	GO-3B
77-83	FO-RF
84-92	FO-CF
93-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 86 SBC 0 SBO N INJ 5D RG N EC 8

Pitching Grades — Away: C/D Home: B/C
Year: 1985 Stl NC MIP 7 BK/WP --/38

Danny COX — Pitcher (S) 35

Bats: R Throws: R

vs ALL

Roll	Result
--	HR
--	3B
0	2B
1-12	1B
13-16	BB
17	HBP
18	ROE/PO
19-44	SO
45-47	GO-1B
48-52	GO-2B
53	GO-P
54-60	GO-SS
61-66	GO-3B
67-72	FO-RF
73-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 59 SBC 0 SBO N INJ 9D RG N EC 4

Pitching Grades — Away: C/E Home: A+/B
Year: 1985 Stl NC MIP 7 BK/WP --/87

Kurt KEPSHIRE — Pitcher (S) 29

Bats: L Throws: R

vs ALL

Roll	Result
--	HR
--	3B
0-4	2B
5-9	1B
10-11	BB
--	HBP
12	ROE/PO
13-42	SO
43-49	GO-1B
50-58	GO-2B
59	GO-P
60-64	GO-SS
65-69	GO-3B
70-79	FO-RF
80-90	FO-CF
91-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 76 SBC 0 SBO N INJ 21D RG N EC 4

Pitching Grades — Away: E/D Home: G/E
Year: 1985 Stl BB 55, 77 MIP 5 BK/WP 25/99

Bob FORSCH — Pitcher (S) 19 (R) 15

Bats: R Throws: R

vs ALL

Roll	Result
0-1	HR
2-3	3B
4-8	2B
9-22	1B
--	BB
--	HBP
--	ROE/PO
23-44	SO
45-47	GO-1B
48-52	GO-2B
53	GO-P
54-60	GO-SS
61-66	GO-3B
67-72	FO-RF
73-84	FO-CF
85-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 89 SBC 0 SBO N INJ 25D RG N EC 3

Pitching Grades — Away: E/D Home: C/B
Year: 1985 Stl BB 77 MIP 6/1* BK/WP --/99

Jeff LAHTI — Pitcher (R) 70 (C)

Bats: R Throws: R

vs ALL

Roll	Result
--	HR
--	3B
--	2B
0	1B
1	BB
2	HBP
2	ROE/PO
3-59	SO
60-63	GO-1B
64-67	GO-2B
68	GO-P
69-74	GO-SS
75-78	GO-3B
79-84	FO-RF
85-87	FO-CF
88-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 9 SBC 0 SBO N INJ 8D RG N EC 7

Pitching Grades — Away: A+ Home: A+
Year: 1985 Stl BB 77 MIP 2* BK/WP --/78

Ricky HORTON — Pitcher (R) 46

Bats: L Throws: L

vs ALL

Roll	Result
--	HR
--	3B
--	2B
0	1B
1	BB
--	HBP
2	ROE/PO
3-59	SO
60-63	GO-1B
64-68	GO-2B
69	GO-P
70-76	GO-SS
77-80	GO-3B
81-85	FO-RF
86-91	FO-CF
92-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 89 SBC 0 SBO N INJ 12D RG P EC 7

Pitching Grades — Away: B Home: B
Year: 1985 Stl BB 77 MIP 2* BK/WP 39/99

Ken DAYLEY — Pitcher (R) 57

Bats: L Throws: L

vs ALL

Roll	Result
--	HR
--	3B
--	2B
0	1B
1	BB
--	HBP
2	ROE/PO
3-58	SO
59-62	GO-1B
63-66	GO-2B
67	GO-P
68-72	GO-SS
73-77	GO-3B
78-83	FO-RF
84-89	FO-CF
90-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 9 SBC 0 SBO N INJ 4D RG P EC 2

Pitching Grades — Away: B Home: A+
Year: 1985 Stl SO 55-60, 77 MIP 1* BK/WP --/99

Bill CAMPBELL — Pitcher (R) 50

Bats: R Throws: R

vs ALL

Roll	Result
--	HR
--	3B
--	2B
0	1B
1	BB
--	HBP
2	ROE/PO
3-57	SO
58-60	GO-1B
61-66	GO-2B
67	GO-P
68-73	GO-SS
74-78	GO-3B
79-83	FO-RF
84-91	FO-CF
92-96	FO-LF
97	LO-SS
98	ROE/LO
99	BK/WP

BR S SHC 9 SBC 0 SBO N INJ 5D RG G EC 8

Pitching Grades — Away: C Home: C
Year: 1985 Stl NC MIP 1* BK/WP --/81

Tom NIETO — Catcher
Bats: R Throws: R

vs LHP		vs RHP
--	HR	--
0	3B	0
1-3	2B	1-3
4-18	1B	4-20
19-27	BB	21-29
--	HBP	30-31
28	ROE/PO	32
29-40	SO	33-45
41-44	GO-1B	46-47
45-52	GO-2B	48-52
53-54	GO-P	53
55-62	GO-SS	54-60
63-68	GO-3B	61-66
69-73	FO-RF	67-72
74-84	FO-CF	73-84
85-96	FO-LF	85-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 84 SBC 9 SBO E INJ 64D AR +11 RG G EC 4
Year: 1985 Stl BA: 225 OBP: 305 SLG: 281

Jack CLARK — Firstbaseman-RF
Bats: R Throws: R

vs LHP		vs RHP
0-4	HR	0-3
5	3B	4
6-10	2B	5-8
11-24	1B	9-21
25-46	BB	22-34
--	HBP	35
47	ROE/PO	36
48-58	SO	37-54
59-61	GO-1B	55-57
62-66	GO-2B	58-61
67	GO-P	62
68-72	GO-SS	63-68
73-77	GO-3B	69-73
78-80	FO-RF	74-77
81-88	FO-CF	78-87
89-96	FO-LF	88-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 9 SBC 19 SBO D INJ 43C ARM A RG N N EC 6
Year: 1985 Stl BA: 281 OBP: 393 SLG: 502

Tom HERR — Secondbaseman
Bats: Both Throws: R

vs LHP		vs RHP
0	HR	0
--	3B	1
1-4	2B	2-7
5-25	1B	8-25
26-32	BB	26-39
--	HBP	40
33-35	ROE/PO	41-42
36-41	SO	43-50
42-45	GO-1B	51-53
46-52	GO-2B	54-60
53-54	GO-P	61
55-62	GO-SS	62-67
63-68	GO-3B	68-70
69-73	FO-RF	71-80
74-84	FO-CF	81-91
85-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 61 SBC 89 SBO A INJ 12B RG G EC 5
Year: 1985 Stl BA: 302 OBP: 379 SLG: 416

Terry PENDLETON — Thirdbaseman
Bats: Both Throws: R

vs LHP		vs RHP
0	HR	0
--	3B	1
1-3	2B	2-3
4-21	1B	4-22
22-24	BB	23-29
--	HBP	--
25	ROE/PO	30
26-37	SO	31-43
38-39	GO-1B	44-49
40-45	GO-2B	50-58
46-47	GO-P	59
48-58	GO-SS	60-64
59-67	GO-3B	65-69
68-74	FO-RF	70-79
75-86	FO-CF	80-90
87-96	FO-LF	91-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 74 SBC 57 SBO B INJ 21B RG P EC 3
Year: 1985 Stl BA: 240 OBP: 285 SLG: 306

Ozzie SMITH — Shortstop
Bats: Both Throws: R

vs LHP		vs RHP
0-2	HR	--
--	3B	0
3-8	2B	1-2
9-24	1B	3-23
25-39	BB	24-31
40	HBP	--
41-42	ROE/PO	32
43-49	SO	33-36
50-53	GO-1B	37-45
54-58	GO-2B	46-55
59	GO-P	56-57
60-66	GO-SS	58-63
67-72	GO-3B	64-66
73-77	FO-RF	67-78
78-87	FO-CF	79-90
88-96	FO-LF	91-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 89 SBC 78 SBO A INJ 10B RG P EC 3
Year: 1985 Stl BA: 276 OBP: 355 SLG: 361

Vince COLEMAN — Leftfielder-CF-RF
Bats: Both Throws: R

vs LHP		vs RHP
--	HR	--
0-2	3B	0
3-6	2B	1-2
7-21	1B	3-25
22-27	BB	26-33
--	HBP	--
--	ROE/PO	34
28-45	SO	35-50
46-47	GO-1B	51-53
48-52	GO-2B	54-60
53	GO-P	61
54-60	GO-SS	62-67
61-66	GO-3B	68-70
67-72	FO-RF	71-80
73-84	FO-CF	81-91
85-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 82 SBC 81 SB AA INJ 19B ARM A RG N N G EC 5
Year: 1985 Stl BA: 267 OBP: 320 SLG: 335

Willie McGEE — Centerfielder
Bats: Both Throws: L

vs LHP		vs RHP
0-2	HR	0
3-5	3B	1-2
6-11	2B	3-6
12-32	1B	7-32
33-36	BB	33-38
--	HBP	--
37	ROE/PO	39-40
38-60	SO	41-48
61-62	GO-1B	49-53
63-66	GO-2B	54-60
67	GO-P	61
68-72	GO-SS	62-67
73-77	GO-3B	68-70
78-80	FO-RF	71-80
81-88	FO-CF	81-91
89-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 59 SBC 71 SBO C INJ 19B ARM A RG N EC 5
Year: 1985 Stl BA: 353 OBP: 384 SLG: 503

Andy VAN SLYKE — Rightfielder-CF
Bats: L Throws: R

vs LHP		vs RHP
--	HR	0-2
--	3B	3
0-2	2B	4-9
3-9	1B	10-24
10-15	BB	25-35
--	HBP	36
--	ROE/PO	37
16-34	SO	38-47
35-43	GO-1B	48-52
44-52	GO-2B	53-59
53-54	GO-P	60
55-63	GO-SS	61-65
64-66	GO-3B	66-68
67-78	FO-RF	69-79
79-90	FO-CF	80-91
91-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 49 SBC 84 SBO A INJ 38B ARM E RG N N EC 1
Year: 1985 Stl BA: 259 OBP: 335 SLG: 439

Darrell PORTER — Catcher
Bats: L Throws: R

vs LHP		vs RHP
0-1	HR	0-3
--	3B	4
2-4	2B	5-8
5-15	1B	9-18
16-29	BB	19-33
--	HBP	--
--	ROE/PO	--
30-49	SO	34-49
50-53	GO-1B	50-53
54-60	GO-2B	54-60
61	GO-P	61
62-67	GO-SS	62-67
68-70	GO-3B	68-70
71-80	FO-RF	71-80
81-91	FO-CF	81-91
92-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 9 SBC 84 SBO D INJ 71D AR -3 RG G EC 5
Year: 1985 Stl BA: 221 OBP: 335 SLG: 413

LANDRUM — Tito
Rightfielder-LF · Bats: R · Throws: R

BR M · SHC 89 · SBC 19 · SBO D · INJ 69D · ARM A · RG N G · EC 0
Year: 1985 Stl · BA: 280 · OBP: 356 · SLG: 429

vs LHP		vs RHP
0-1	HR	0-2
2	3B	3-5
3-6	2B	6-12
7-22	1B	13-31
23-34	BB	32-34
--	HBP	--
--	ROE/PO	--
35-52	SO	35-44
53-54	GO-1B	45-47
55-58	GO-2B	48-52
59	GO-P	53
60-65	GO-SS	54-60
66-71	GO-3B	61-66
72-76	FO-RF	67-72
77-87	FO-CF	73-84
88-96	FO-LF	85-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

JORGENSEN — Mike
Firstbaseman-LF · Bats: L · Throws: L

BR S · SHC 89 · SBC 65 · SBO D · INJ 67E · ARM W · RG N G · EC 5
Year: 1985 Stl · BA: 196 · OBP: 375 · SLG: 250

vs LHP		vs RHP
--	HR	--
--	3B	--
--	2B	0-4
0-20	1B	5-13
21-35	BB	14-35
--	HBP	36
--	ROE/PO	37-38
--	SO	39-58
36-45	GO-1B	59-64
46-55	GO-2B	65-70
56-57	GO-P	71
58-63	GO-SS	72-74
64-66	GO-3B	75-76
67-78	FO-RF	77-83
79-90	FO-CF	84-92
91-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

ALLEN — Neil
Pitcher (S) 19 (R) 7 · Bats: R · Throws: R

BR S · SHC 79 · SBC 0 · SBO N · INJ 45D · RG G · EC 9

Pitching Grades
	Away	Home
	G/G	G/G

Year: 1985 Stl · BB 55, 77 · MIP 5/2* · BK/W 6/99

vs ALL		
--	HR	
--	3B	
0-2	2B	
3-17	1B	
18-22	BB	
--	HBP	
--	ROE/PO	
23-62	SO	
63-64	GO-1B	
65-67	GO-2B	
68	GO-P	
69-73	GO-SS	
74-77	GO-3B	
78-80	FO-RF	
81-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

LAWLESS — Tom
Thirdbaseman-2B · Bats: R · Throws: R

BR M · SHC 89 · SBC 65 · SBO D · INJ 84E · RG N G · EC 3
Year: 1985 Stl · BA: 207 · OBP: 270 · SLG: 293

vs LHP		vs RHP
--	HR	--
0-3	3B	--
--	2B	0-7
4-14	1B	8-20
15-22	BB	21-28
--	HBP	--
--	ROE/PO	--
23-34	SO	29-31
35-38	GO-1B	32-34
39-45	GO-2B	35-40
46-47	GO-P	41-42
48-58	GO-SS	43-54
59-67	GO-3B	55-65
68-74	FO-RF	66-73
75-86	FO-CF	74-86
87-96	FO-LF	87-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

CEDENO — Cesar
Firstbaseman-LF-RF · Bats: R · Throws: R

BR M · SHC 79 · SBC 69 · SBO C · INJ 47D · ARM A · RG N N N · EC 5
Year: 1985 Stl · BA: 291 · OBP: 347 · SLG: 443

vs LHP		vs RHP
0-2	HR	0-1
--	3B	2
3-8	2B	3-6
9-27	1B	7-24
28-37	BB	25-29
38	HBP	30
39	ROE/PO	--
40-47	SO	31-46
48-51	GO-1B	47-51
52-56	GO-2B	52-56
57	GO-P	57
58-66	GO-SS	58-66
67-72	GO-3B	67-72
73-77	FO-RF	73-77
78-87	FO-CF	78-87
88-96	FO-LF	88-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

WORRELL — Todd
Pitcher (S) 7 (R) 5 · Bats: R · Throws: R

BR S · SHC 89 · SBC 0 · SBO N · INJ 74D · RG G · EC 0

Pitching Grades
	Away	Home
	D/E	G/G

Year: 1985 Stl · BB 55-60, 77 · MIP 5/2* · BK/W 24/99

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
2	ROE/PO	
3-59	SO	
60-61	GO-1B	
62-66	GO-2B	
67	GO-P	
68-72	GO-SS	
73-77	GO-3B	
78-80	FO-RF	
81-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BRAUN — Steve
Leftfielder-RF · Bats: L · Throws: R

BR S · SHC 9 · SBC 9 · SBO E · INJ 72E · ARM W · RG G G · EC 3
Year: 1985 Stl · BA: 239 · OBP: 342 · SLG: 343

vs LHP		vs RHP
--	HR	0
--	3B	--
0-3	2B	1-5
4-20	1B	6-20
21-29	BB	21-31
30	HBP	32
31-32	ROE/PO	--
33-66	SO	33-70
67-69	GO-1B	71-72
70-73	GO-2B	73-76
74	GO-P	77
75-76	GO-SS	78-79
77	GO-3B	80
78-85	FO-RF	81-87
86-93	FO-CF	88-93
94-96	FO-LF	94-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

De JESUS — Ivan
Thirdbaseman-SS · Bats: R · Throws: R

BR M · SHC 89 · SBC 49 · SBO D · INJ 74E · RG N G · EC 5
Year: 1985 Stl · BA: 222 · OBP: 260 · SLG: 292

vs LHP		vs RHP
--	HR	--
--	3B	--
0-4	2B	0-8
5-15	1B	9-25
16-19	BB	26-31
--	HBP	--
--	ROE/PO	32-34
20-49	SO	35-43
50-53	GO-1B	44-46
54-58	GO-2B	47-53
59	GO-P	54
60-66	GO-SS	55-62
67-72	GO-3B	63-68
73-77	FO-RF	69-73
78-87	FO-CF	74-84
88-96	FO-LF	85-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

HARPER — Brian
Leftfielder-3B-RF-C · Bats: R · Throws: R

BR S · SHC 89 · SBC 9 · SBO E · INJ 89E · ARM A · AR -3 · RG G G G G · EC 4
Year: 1985 Stl · BA: 250 · OBP: 273 · SLG: 327

vs LHP		vs RHP
--	HR	--
--	3B	--
0-8	2B	--
9-23	1B	0-21
24-25	BB	22-32
--	HBP	--
26-27	ROE/PO	--
28-34	SO	--
35-38	GO-1B	33-34
39-45	GO-2B	35-40
46-47	GO-P	41-42
48-58	GO-SS	43-54
59-67	GO-3B	55-65
68-74	FO-RF	66-73
75-86	FO-CF	74-86
87-96	FO-LF	87-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Rick SUTCLIFFE

Bats: L — Throws: R
Pitcher (S) 35

vs ALL		
--	HR	
0-4	3B	
5-21	2B	
22-24	1B	
--	BB	
--	HBP	
25-53	ROE/PO	
54-62	SO	
63-67	GO-1B	
68-69	GO-2B	
70-76	GO-P	
77-81	GO-SS	
82-84	GO-3B	
85-91	FO-RF	
92-96	FO-CF	
97	FO-LF	
98	LO-SS	
99	ROE/LO	
	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ 4D
RG N — EC 3

Pitching Grades
Away: C/C — Home: B/B
Year: 1984 Chi N
SO 55-60, 77
MIP 7 — BK/WP 19/99

Steve TROUT

Bats: L — Throws: L
Pitcher (S) 31

vs ALL		
--	HR	
--	3B	
--	2B	
0-10	1B	
11-16	BB	
--	HBP	
17-20	ROE/PO	
21-50	SO	
51-54	GO-1B	
55-60	GO-2B	
61	GO-P	
62-66	GO-SS	
67-68	GO-3B	
69-79	FO-RF	
80-91	FO-CF	
92-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 82
SBC 0 — SBO N
INJ 5D
RG P — EC 8

Pitching Grades
Away: A/C — Home: C/D
Year: 1984 Chi N
NC
MIP 6 — BK/WP 19/99

Scott SANDERSON

Bats: R — Throws: R
Pitcher (S) 24

vs ALL		
--	HR	
--	3B	
--	2B	
0-8	1B	
9-15	BB	
16-17	HBP	
--	ROE/PO	
18-52	SO	
53-55	GO-1B	
56-61	GO-2B	
62	GO-P	
63-69	GO-SS	
70-75	GO-3B	
76-79	FO-RF	
80-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ 33D
RG P — EC 3

Pitching Grades
Away: B/B — Home: B/C
Year: 1984 Chi N
NC
MIP 6 — BK/WP 10/99

Dennis ECKERSLEY

Bats: R — Throws: R
Pitcher (S) 33

vs ALL		
--	HR	
--	3B	
--	2B	
0-10	1B	
11-14	BB	
--	HBP	
--	ROE/PO	
15-55	SO	
56-58	GO-1B	
59-63	GO-2B	
64-65	GO-P	
66-72	GO-SS	
73-78	GO-3B	
79-82	FO-RF	
83-90	FO-CF	
91-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 49
SBC 0 — SBO N
INJ 4D
RG P — EC 8

Pitching Grades
Away: B/B — Home: C/D
Year: 1984 Chi N
NC
MIP 6 — BK/WP 49/99

Dick RUTHVEN

Bats: R — Throws: R
Pitcher (S) 22

vs ALL		
--	HR	
--	3B	
0-5	2B	
6-13	1B	
--	BB	
--	HBP	
14-16	ROE/PO	
17-53	SO	
54-57	GO-1B	
58-61	GO-2B	
62	GO-P	
63-68	GO-SS	
69-73	GO-3B	
74-77	FO-RF	
78-87	FO-CF	
88-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ 52D
RG N — EC 5

Pitching Grades
Away: E/G — Home: D/G
Year: 1984 Chi N
NC
MIP 6 — BK/WP 32/99

George FRAZIER

Bats: R — Throws: R
Pitcher (R) 59

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
2	ROE/PO	
3-59	SO	
60-63	GO-1B	
64-67	GO-2B	
68	GO-P	
69-74	GO-SS	
75-78	GO-3B	
79-84	FO-RF	
85-87	FO-CF	
88-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 9
SBC 0 — SBO N
INJ 12D
RG G — EC 9

Pitching Grades
Away: D — Home: C
Year: 1984 Chi N
SO 55-60, 77
MIP 2* — BK/WP --/99

Warren BRUSSTAR

Bats: R — Throws: R
Pitcher (R) 41

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
2	ROE/PO	
3-59	SO	
60-63	GO-1B	
64-68	GO-2B	
69	GO-P	
70-76	GO-SS	
77-80	GO-3B	
81-85	FO-RF	
86-91	FO-CF	
92-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ 30D
RG G — EC 9

Pitching Grades
Away: G — Home: A+
Year: 1984 Chi N
BB 77
MIP 1* — BK/WP --/99

Tim STODDARD

Bats: R — Throws: R
Pitcher (R) 58

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
2	ROE/PO	
3-58	SO	
59-62	GO-1B	
63-66	GO-2B	
67	GO-P	
68-72	GO-SS	
73-77	GO-3B	
78-83	FO-RF	
84-89	FO-CF	
90-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 89
SBC 0 — SBO N
INJ D10
RG G — EC 8

Pitching Grades
Away: B — Home: G
Year: 1984 Chi N
BB 55-60, 77
MIP 2* — BK/WP 24/99

Lee SMITH

Bats: R — Throws: R
Pitcher (R) 69 (C)

vs ALL		
--	HR	
--	3B	
--	2B	
0	1B	
1	BB	
--	HBP	
2	ROE/PO	
3-57	SO	
58-60	GO-1B	
61-66	GO-2B	
67	GO-P	
68-73	GO-SS	
74-78	GO-3B	
79-83	FO-RF	
84-91	FO-CF	
92-96	FO-LF	
97	LO-SS	
98	ROE/LO	
99	BK/WP	

BR S — SHC 79
SBC 0 — SBO N
INJ D10
RG N — EC 0

Pitching Grades
Away: B — Home: D
Year: 1984 Chi N
SO 55-60, 77
MIP 2* — BK/WP --/99

Bobby DERNIER — Centerfielder

Bats: R Throws: R

vs LHP		vs RHP
--	HR	0
0	3B	1
1-3	2B	2-5
4-21	1B	6-24
22-34	BB	25-34
--	HBP	35
35	ROE/PO	36-37
36-43	SO	38-46
44-47	GO-1B	47-51
48-52	GO-2B	52-56
53	GO-P	57
54-60	GO-SS	58-66
61-66	GO-3B	67-72
67-72	FO-RF	73-77
73-84	FO-CF	78-87
85-96	FO-LF	88-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 89
SBC 71 SBO A
INJ 41B ARM A
RG P EC 3
Year: 1984 Chi N
BA: 278 OBP: 356 SLG: 362

Ryne SANDBERG — Secondbaseman

Bats: R Throws: R

vs LHP		vs RHP
0	HR	0-2
1-5	3B	3-4
6-10	2B	5-9
11-32	1B	10-26
33-39	BB	27-34
--	HBP	35
40	ROE/PO	36-37
41-50	SO	38-53
51-53	GO-1B	54-55
54-58	GO-2B	56-61
59	GO-P	62
60-66	GO-SS	63-69
67-72	GO-3B	70-75
73-77	FO-RF	76-79
78-87	FO-CF	80-88
88-96	FO-LF	89-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR F SHC 82
SBC 81 SBO A
INJ 15B
RG P EC 1
Year: 1984 Chi N
BA: 314 OBP: 367 SLG: 520

Gary MATTHEWS — Leftfielder

Bats: R Throws: R

vs LHP		vs RHP
0-2	HR	0-1
--	3B	2
3-5	2B	3-5
6-27	1B	6-20
28-38	BB	21-40
--	HBP	41
39-41	ROE/PO	42
42-54	SO	43-59
55-57	GO-1B	60-61
58-61	GO-2B	62-66
62	GO-P	67
63-68	GO-SS	68-72
69-73	GO-3B	73-77
74-77	FO-RF	78-80
78-87	FO-CF	81-88
88-96	FO-LF	89-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 89
SBC 67 SBO C
INJ 39B Arm A
RG G EC 9
Year: 1984 Chi N
BA: 291 OBP: 410 SLG: 428

Keith MORELAND — Rightfielder-1B-3B-C

Bats: R Throws: R

vs LHP		vs RHP
0-3	HR	0-2
4	3B	3
5-8	2B	4-5
9-25	1B	6-24
26-35	BB	25-29
--	HBP	30
--	ROE/PO	31-32
36-48	SO	33-45
49-50	GO-1B	46-47
51-55	GO-2B	48-52
56	GO-P	53
57-64	GO-SS	54-60
65-69	GO-3B	61-66
70-74	FO-RF	67-72
75-85	FO-CF	73-84
86-96	FO-LF	85-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 65
SBC 19 SBO D
INJ 43B ARM A
AR +5
RG G N G G EC 5
Year: 1984 Chi N
BA: 279 OBP: 326 SLG: 422

Ron CEY — Thirdbaseman

Bats: R Throws: R

vs LHP		vs RHP
0-5	HR	0-3
--	3B	--
6-8	2B	4-8
9-19	1B	9-20
20-34	BB	21-29
35-36	HBP	30
37	ROE/PO	31
38-52	SO	32-51
53-54	GO-1B	52-54
55-58	GO-2B	55-58
59	GO-P	59
60-65	GO-SS	60-65
66-71	GO-3B	66-71
72-76	FO-RF	72-76
77-87	FO-CF	77-87
88-96	FO-LF	88-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 09
SBC 59 SBO D
INJ 36B
RG G EC 2
Year: 1984 Chi N
BA: 240 OBP: 324 SLG: 442

Leon DURHAM — Firstbaseman

Bats: L Throws: L

vs LHP		vs RHP
0	HR	0-4
1	3B	5
2-6	2B	6-10
7-21	1B	11-23
22-34	BB	24-36
35	HBP	--
36-37	ROE/PO	37-38
38-64	SO	39-51
65-69	GO-1B	52-59
70-73	GO-2B	60-67
74	GO-P	68
75-76	GO-SS	69-72
77	GO-3B	73-75
78-85	FO-RF	76-83
86-93	FO-CF	84-92
94-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 9
SBC 74 SBO C
INJ 46B
RG N EC 3
Year: 1984 Chi N
BA: 279 OBP: 369 SLG: 505

Jody DAVIS — Catcher

Bats: R Throws: R

vs LHP		vs RHP
0-3	HR	0-2
4	3B	--
5-10	2B	3-6
11-23	1B	7-22
24-34	BB	23-29
--	HBP	30
--	ROE/PO	31
35-49	SO	32-47
50-53	GO-1B	48-50
54-58	GO-2B	51-55
59	GO-P	56
60-66	GO-SS	57-64
67-72	GO-3B	65-69
73-77	FO-RF	70-74
78-87	FO-CF	75-85
88-96	FO-LF	86-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR S SHC 74
SBC 44 SBO D
INJ 16B
AR -1
RG N EC 5
Year: 1984 Chi N
BA: 256 OBP: 315 SLG: 421

Larry BOWA — Shortstop

Bats: Both Throws: R

vs LHP		vs RHP
--	HR	--
--	3B	0
0-6	2B	1-2
7-26	1B	3-17
27-30	BB	18-25
--	HBP	--
31-32	ROE/PO	26
33-39	SO	27-30
40-41	GO-1B	31-33
42-47	GO-2B	34-40
48-49	GO-P	41-42
50-59	GO-SS	43-54
60-68	GO-3B	55-65
69-75	FO-RF	66-73
76-86	FO-CF	74-86
87-96	FO-LF	87-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 89
SBC 70 SBO C
INJ 39C
RG N EC 3
Year: 1984 Chi N
BA: 223 OBP: 274 SLG: 269

Tom VERYZER — Shortstop-3B-2B

Bats: R Throws: R

vs LHP		vs RHP
--	HR	--
--	3B	--
--	2B	0-1
0-14	1B	2-16
15-19	BB	17-20
20-24	HBP	21-24
--	ROE/PO	25-26
25-29	SO	27-42
30-33	GO-1B	43-46
34-40	GO-2B	47-53
41-42	GO-P	54
43-54	GO-SS	55-62
55-65	GO-3B	63-68
66-73	FO-RF	69-73
74-86	FO-CF	74-84
87-96	FO-LF	85-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

BR M SHC 89
SBC 9 SBO E
INJ 89E
RG G G G EC 5
Year: 1984 Chi N
BA: 189 OBP: 259 SLG: 203

Steve LAKE — Catcher

Bats: R | Throws: R

BR S | SHC 89 | SBC 9 | SBO E | INJ 90E | AR -22 | RG G | EC 8
Year: 1984 Chi N
BA: 222 | OBP: 232 | SLG: 407

vs LHP		vs RHP
0-2	HR	0-1
--	3B	--
3-6	2B	2-8
7-22	1B	9-18
23-27	BB	--
28-29	HBP	19-21
30-31	ROE/PO	--
32-40	SO	22-32
41-42	GO-1B	33-35
43-47	GO-2B	36-40
48-49	GO-P	41-42
50-59	GO-SS	43-54
60-68	GO-3B	55-65
69-75	FO-RF	66-73
76-86	FO-CF	74-86
87-96	FO-LF	87-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Jay JOHNSTONE — Rightfielder-LF

Bats: L | Throws: R

BR M | SHC 89 | SBC 9 | SBO E | INJ 80E | ARM W | RG G G | EC 3
Year: 1984 Chi N
BA: 288 | OBP: 350 | SLG: 370

vs LHP		vs RHP
--	HR	--
0	3B	0-2
1-4	2B	3-4
5-21	1B	5-28
22-26	BB	29-35
27	HBP	--
28-29	ROE/PO	36-38
30-45	SO	39-59
46-51	GO-1B	60-63
52-58	GO-2B	64-69
59	GO-P	70
60-65	GO-SS	71-73
66-69	GO-3B	74-76
70-79	FO-RF	77-85
80-90	FO-CF	86-93
91-96	FO-LF	94-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Rich BORDI — Pitcher (S) 7 (R) 24

Bats: R | Throws: R

vs ALL

BR S | SHC 9 | SBC 0 | SBO N | INJ 30D | RG G | EC 9
Year: 1984 Chi N

	HR	
--	HR	
--	3B	
0	2B	
1	BB	
--	HBP	
2	ROE/PO	
3-59	SO	
60-61	GO-1B	
62-66	GO-2B	
67	GO-P	
68-72	GO-SS	
73-77	GO-3B	
78-80	FO-RF	
81-88	FO-CF	
89-96	FO-LF	
97	LO-SS	
98	ROE/LO	MIP 5/2*
99	BK/WP	BK/W --/--

Pitching Grades

	Away	Home
	C/C	C/C

NC

Henry COTTO — Leftfielder-RF-CF

Bats: R | Throws: R

BR F | SHC 89 | SBC 74 | SBO C | INJ 52D | ARM A | RG P P P | EC 4
Year: 1984 Chi N
BA: 274 | OBP: 325 | SLG: 308

vs LHP		vs RHP
--	HR	--
--	3B	--
0-4	2B	0-1
5-26	1B	2-26
27-30	BB	27-30
--	HBP	31
31-35	ROE/PO	32-34
36-51	SO	35-48
52-53	GO-1B	49-50
54-58	GO-2B	51-55
59	GO-P	56
60-66	GO-SS	57-64
67-72	GO-3B	65-69
73-77	FO-RF	70-74
78-87	FO-CF	75-85
88-96	FO-LF	86-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Gary WOODS — Leftfielder-CF-RF

Bats: R | Throws: R

BR M | SHC 86 | SBC 65 | SBO D | INJ 68D | ARM A | RG P G G | EC 1
Year: 1984 Chi N
BA: 235 | OBP: 333 | SLG: 388

vs LHP		vs RHP
0-3	HR	--
4-5	3B	--
6-11	2B	--
12-24	1B	0-18
25-34	BB	19-29
--	HBP	--
35	ROE/PO	30-31
36-51	SO	32-52
52-53	GO-1B	53-55
54-58	GO-2B	56-61
59	GO-P	62
60-66	GO-SS	63-69
67-72	GO-3B	70-75
73-77	FO-RF	76-79
78-87	FO-CF	80-88
88-96	FO-LF	89-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Davey LOPES — Rightfielder-2B-LF-CF

Bats: R | Throws: R

BR F | SHC 89 | SBC 89 | SBO C | INJ 71E | ARM W | RG N G N G | EC 7
Year: 1984 Chi N
BA: 255 | OBP: 351 | SLG: 421

vs LHP		vs RHP
0-3	HR	0
4	3B	--
5-8	2B	1-5
9-24	1B	6-21
25-35	BB	22-32
--	HBP	33
36-37	ROE/PO	34
38-47	SO	35-52
48-51	GO-1B	53-55
52-56	GO-2B	56-61
57	GO-P	62
58-66	GO-SS	63-69
67-72	GO-3B	70-75
73-77	FO-RF	76-79
78-87	FO-CF	80-88
88-96	FO-LF	89-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Thad BOSLEY — Rightfielder-LF

Bats: L | Throws: L

BR M | SHC 9 | SBC 82 | SBO D | INJ 72E | ARM W | RG N N | EC 5
Year: 1984 Chi N
BA: 296 | OBP: 375 | SLG: 418

vs LHP		vs RHP
--	HR	0-1
--	3B	2-3
0	2B	4-5
1-20	1B	6-25
21-26	BB	26-36
--	HBP	--
27-28	ROE/PO	--
29-49	SO	37-55
50-54	GO-1B	56-60
55-60	GO-2B	61-67
61	GO-P	68
62-66	GO-SS	69-71
67-68	GO-3B	72-73
69-79	FO-RF	74-81
80-91	FO-CF	82-92
92-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Dave OWEN — Shortstop-2B-3B

Bats: Both | Throws: R

BR M | SHC 89 | SBC 32 | SBO D | INJ 91E | RG G G G | EC 5
Year: 1984 Chi N
BA: 194 | OBP: 269 | SLG: 290

vs LHP		vs RHP
--	HR	0
--	3B	1-2
--	2B	3-4
0-4	1B	5-15
5-29	BB	16-23
--	HBP	24-25
30-33	ROE/PO	--
34-52	SO	26-39
53-55	GO-1B	40-48
56-61	GO-2B	49-57
62	GO-P	58
63-69	GO-SS	59-65
70-75	GO-3B	66-70
76-79	FO-RF	71-80
80-88	FO-CF	81-91
89-96	FO-LF	92-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Richie HEBNER — Thirdbaseman-1B-LF-RF

Bats: L | Throws: R

BR S | SHC 89 | SBC 49 | SBO E | INJ 89E | ARM W | RG G G G G | EC 3
Year: 1984 Chi N
BA: 333 | OBP: 407 | SLG: 444

vs LHP		vs RHP
--	HR	0-1
--	3B	--
--	2B	2-5
0-21	1B	6-30
22-35	BB	31-38
36-37	HBP	--
--	ROE/PO	39-40
38-59	SO	41-55
60-63	GO-1B	56-60
64-69	GO-2B	61-67
70	GO-P	68
71-73	GO-SS	69-71
74-76	GO-3B	72-73
77-85	FO-RF	74-81
86-93	FO-CF	82-92
94-96	FO-LF	93-96
97	LO-1B	97
98	ROE/LO	98
99	BK/WP	99

Russ
HODGES
Team: SF Career: 1929 to 1970
Broadcast Announcer

Home run call: Bye bye baby!

 Factoids: Hodges had one of the most famous calls in baseball history during the 1951 NL Pennant. His call of Bobby Thomson's at bat.: "There's a long drive, it's gonna be, I believe…. THE GIANTS WIN THE PENNANT! THE GIANTS WIN THE PENNANT! THE GIANTS WIN THE PENNANT!

His signature home run call, "Bye-B *ye* Baby!" was set to music as the team's theme song during the 1960's

In 1975 he was inducted into the Natl. Sportscasters and Sportswriters Association Hall of Fame.

Ken
KORACH
Team: Oak Career: 1992 to present
Broadcast Announcer

Home run call: Swung on, launched deep….watch it fly!

 Factoids: Korach authored the book titled, 'Holy Toledo, Lessons from Bill King, Renaissance Man of the Mic'.

On May 9, 2010, he called the conclusion of Dallad Braden's perfect game.

Korach is the founder of the A's 'Winning for the Community' program.

He was named the 2001 Nevada Sportscaster of the Year.

Tom
CHEEK
Team: Tor Career: 1974 to 2004
Broadcast Announcer

Home run call: Swing and a belt, way back…..touch em all!

 Factoids: Cheek once announced 4,306 consecutive regular season games, plus 41 postseason games for the Jays.

He was a member of the ABC Sports broadcast team that covered the 1980 Winter Olympics in Lake Placid.

Canada's Sports HOF established the "Tom Cheek Media Leadership Award"

He was inducted into the Blue Jays Level of Excellence in 2004.

Greg
BROWN
Team: Pit Career: 1989 to present
Broadcast Announcer

Home run call: Clear the deck, cannonball coming!

Factoids: Greg became a fan of Pittsburgh from listening to KDKA radio broadcasts.

Brown spent 5 seasons doing 'play by play' for Pits AAA affiliate in Buffalo, NY.

During the season, Brown and his broadcast partner, Steve Blass, host members of the 65 Roses Club (part of the Cystic Fibrosis Foundation).

He is known for his "Raise the Jolly Roger" call after every Pittsburgh win.

Earl
GILLESPIE
Team: Atl Career: 1953 to 1963
Broadcast Announcer

Home run call: Swung on and a drive, it may be…. It's back at the wall… home run! Holy Cow!

 Factoids: Along with Harry Carey and Phil Rizzuto, Earl was known for the phrase "Holy Cow!"

He called both Braves' World Series appearances in Milwaukee (57, 58) on NBC radio.

He was named Wisconsin Sportscaster of the Year 8 times.

He decided to be a broadcaster while serving as a WWII fighter pilot.

Dave
NIEHAUS
Team: Sea Career: 1977 to 2010
Broadcast Announcer

Home run call: It will fly away!

 Factoids: The team chose him to throw out the 1st pitch at the opening of its new ball park, Safeco Field.

His call on grand slams was; "Get out the rye bread and mustard, Grandma it is grand salami time!"

He was the first broadcaster to call Alex Rodriguez 'A-Rod".

"The Kid' was Niehaus's name for Ken Griffey, Jr.

On 9/16, 2011, A bronze statue of Niehaus was unveiled at Safeco Field.

John
ROONEY
Team: Stl Career: 1983 to present
Broadcast Announcer

Home run call: it's a goner!

Factoids: Rooney was the first baseball team announcer to broadcast back to back championships. The seasons were 2005 for the White Sox and 2006 for the Cardinals.

Rooney 's first MLB game call was alongside HOF broadcaster Jack Buck.

John has worked 20 MLB All Star Games on National Radio.

He began his broadcasting career at the AAA level, calling Oklahoma City 89er's games.

Jeff
KINGERY
Team: Col Career: 1993 to 2009
Broadcast Announcer

Home run call: That ball's going and it ain't coming back!

 Factoids: Jeff was in Colorado's radio booth since its 1993 inaugual season. He retired in 2009 after broadcasting games for 17 years.

All tolled, Kingery broadcasted for 30 years, including 11 in the NBA. He called basketball games when the team had Alex English and Dan Issel.

After retirement, he directed the movie titled 'Table 47'. It is a murder mystery.

He was with Colorado for their first playoff run in 1995.

Michale
REGHI
Team: Bal Career: 1997 to 2004
Broadcast Announcer

Home run call: See you later!

 Factoids: He announced NBA games for Cleveland from 1993-2006. He then announced baseball games for Baltimore from 1997-2004 duing the basketball offseason.

His call after a win was, "You can book this one'.

Reghi also broadcast football and basketball at the Mid-American Conference and SportsTime Ohio.

He also broadcast the 2007 FIBA Americas Championship.

Pine Tar

Sim Engine
2nd Edition

Powering

Legends

of

Baseball!

Pine Tar Baseball
Game Rules Manual - version 2.1
A dice simulation game ~ copyright 2015-2017 by LIS Games

Introduction to Pine Tar Baseball

Pine Tar baseball is intended to be a game that can be played in an average of 25-30 minutes while still giving reliable sabermetric results. Game play is simple and lends to a short learning curve. A single die roll determines the play resolution 90% of the time (not including error checks) when the bases are empty. From this single roll, both hit location and base runner advancement are determined. This is what makes game play so easy and fun!

Game Components Checklist:

- ❖ **3 ten sided dice (one each of red, white, & blue) and 1 six sided die.**
- ❖ **3 game pawns and 1 disk marker**
- ❖ **4 blank score sheets and 2 scoring pencils.**
- ❖ **Player stats. (varies by edition) The _Legend of Baseball_ series is currently the only sets that come on individual cards. The remainder of season sets come printed on sheets.**
- ❖ **1 game mat.**
- ❖ **1 instruction manual that includes both main rules and optional rules.**
- ❖ **1 card stock sheet of game tables printed front and back.**

Player Cards

Each modern team roster has at least three, 8 and 1/2" x 11" sheets containing a total of 23 or more player stats. The sheet titled 'starters' contains nine position players that corresponds to lineup 1 for that team. Players listed on the sheet titled 'bullpen' are pitchers. These are divided into starters, relievers and one closer. The third sheet contains the team's 'bench' players. Some seasons contain up to 30 players per team.

Historical seasons from the 1800's and very early 1900's often only have two 8 and 1/2" x 11" sheets. These contain anywhere from 10 to 18 player stats. This is due to smaller roster sizes from vintage eras.

Pitching Cards

The bullpen sheet for modern teams will contain at least 4 starting pitchers, and usually has 5. The starters are always shown first. The relievers are shown next followed by the closer. Some teams will have dual role pitchers that can be used as both a starter or reliever. Vintage seasons may only have 3 pitchers because starters would pitch more games years ago. Some teams from the 1800's did not use specialty pitchers such as relievers or closers.

Starters are easily identified by the (S) listed just to the right of their position title of 'Pitcher'. Relief pitchers will have an (R) just to the right of their position title. The closer will have a (C) instead. Closers are a specialized reliever that finishes games. Most of a pitcher's ratings are located in the 5 rows at the top of his stat 'card'. Refer to Arrieta's stats (shown in figure A) to see how rows 1 through 5 are laid out. Please note that certain seasons stats have a slightly different layout. Appearance of stat layout may change based on which season the player set is for. Some season sets have a number right after the pitchers (S). This shows how many games he started for that season.

Row 1- The top row shows which side the pitcher bats from. The far right of row 1 will show which side the player throws from. This row also shows the SBC and SBO values on most sets.

Row 2- This row gives the players BR, and SHC values.

Row 3- This row shows the players first name. Towards the far right is the defensive range (RG) and error chance. (EC) The higher the EC value, the greater opportunity that the player will be charged with an error.

Row 4- This row gives the players injury rating followed by his last name.

Row 5- This row shows the pitchers role by letter S, R, or C. Since Arrieta is a starter, an (S) is displayed here. The number 31 right after the (S) shows how many games Arrieta started for that season.

Below the top 5 rows and to the right are the pitching grades. Each pitcher has a separate grade for when he pitches either at home or away. Starters are unique in that they have another split type. This 2nd split type is for when he faces the batting order for the 3rd time. The 3rd time through the order split is the grade following the /. So for Arrieta, when he starts an away game his grade is A+/B. This means that the first two times through the batting order his grade is A+. Then when he faces the batting order for the 3rd time, his grade becomes a B. His grade remains as a B if he faces the batting order a 4th or 5th time.

Note: Some pitchers may be used as both a starter or a reliever. The grade split for the 3rd time through the order doesn't apply when that pitcher is used in a relief situation.

Figure A: Example of Arrieta's starting pitcher stats.

Batting Outcomes for Pitchers

The batting outcomes are located in the far left column of a pitcher's card for most seasons. Batting outcomes are handled the same way for pitchers as they are for position players with one major difference. Pitchers use the same hitting column regardless of what side the pitcher they face throws from. This differs from position players which use 2 separate hitting outcome columns depending on the situation.

Pitcher Card Abbreviations

Abbreviation	Long Form	Represents
BR	Base running	Running modifier
SBC	Stolen base chance	Chance of a successful steal
SBO	Stolen base opportunity	How often a runner may attempt a stolen base
SHC	Sacrifice hit chance	Chance for a successful sacrifice
INJ	Injury	Players injury rating
Pitcher (S)	Starter	Starting Pitcher
Pitcher (R)	Reliever	Relief Pitcher
Pitcher (C)	Closer	Closing Pitcher
RG	Defensive Range	Can be either positive, negative, or neutral
EC	Error Chance	Used to see if an error is made on special plays
BK/WP	Balk/Wild Pitch ratings	Determines when a balk or WP occurs

Position Player Cards

The top portion of a position player card (see Rizzo's stats in figure B) contains much the same data as a pitcher's card does. The only new rating for a position player is for arm strength (Arm). Outfielders will have an '**Arm**' value listed at the start of row 3. Catchers will have **AR** in place of arm, followed by either a positive or negative value. Players that are exclusive to infield positions do not have an arm rating.

Row 5 will show all the positions that the player may field. These are given in the order from most played to least played for that given year. Just below row 5 are two separate columns that make up the Hitting Outcome Table. This table is referred to when a player bats. The columns are titled; 'vs LHP', and 'vs RHP'. Players from historical seasons will not have batting splits since those splits were not tracked back then.

Figure B: Rizzo's position player stats

Row 1	Bats: L SBC 42 SBO E Throws: L
Row 2	BR S SHC 39
Row 3	Anthony RG Neu EC 4
Row 4	INJ 13B RIZZO
Row 5	Firstbaseman

vs LHP				vs RHP
0-3	HR		HR	0-4
–	3B		3B	5
4-9	2B		2B	6-11
10-21	1B		1B	12-25
22-30	BB		BB	26-37
31-35	HBP		HBP	38-39
–	ROE/PO		ROE/PO	40
36-48	SO		SO	41-57
49-53	GO-1B		GO-1B	58-61
54-60	GO-2B		GO-2B	62-68
61	GO-P		GO-P	69
62-67	GO-SS		GO-SS	70-73
68-70	GO-3B		GO-3B	74-75
71-80	FO-RF		FO-RF	76-83
81-91	FO-CF		FO-CF	84-92
92-96	FO-LF		FO-LF	93-96
97	LO-1B		LO-2B	97
98	ROE/LO		ROE/LO	98
99	BK/WP		BK/WP	99

Beginning a Game

A batter roll is performed at the beginning of each players at bat. The batter roll uses 2 ten sided dice. The red die is read first, then the white die is read last, giving a result from 0 to 99. Find the outcome for the die result in the proper batting column. Use a hitters **'vs RHP'** column when he is facing a right handed pitcher. When a batter is facing a left handed pitcher, use his **'vs LHP'** column. Not all seasons will have batting splits.

The result from this same die roll is also used to find a hits location and determine any potential base runner advancement. There are only 3 batter outcomes that may require an additional roll when the bases are empty. These are ROE/PO, ROE/LO, and BK/WP. Reach on error batting outcomes will be covered later. All the batter outcomes are obvious. Hits are 1B through HR, BB is a walk, SO is a strike out. GO, FO, and LO refer to ground outs, fly outs, and line outs. These all list the fielder the play goes to.

Balks and wild pitches are unique plays in baseball. Each pitcher has a **BK/WP** rating in the bottom right corner of his card. For demonstration purposes, lets use a pitcher who has a BK/WP rating of 21/99. The / separates the BK value from the WP one. So 21 is the top value of this pitchers BK range, while 99 is the top value of his WP range. The WP range starts where the BK range ended. Since the BK range is 0-21, the WP range would then be, 22-99.

Handling balks and wild pitches varies depending on whether the bases are empty, or if there are runners on. Each situation is covered below.

BK/WP's with bases empty: There can be no balks or wild pitches when the bases are empty. For this reason, whenever a batting outcome is BK/WP and no runners are on, the outcome is changed to 'ball 1'. Then a new batter roll is performed for the same hitter.

BK/WP's with runners on: When the batting roll outcome is BK/WP with runners on, a new 2 die roll is performed. This is a standard 2 die (red/white) roll. There are two exceptions where a new roll is not needed. If the pitcher has a BK/WP **--/--** rating. That would indicate that the pitcher never made a balk or wild pitch during the season. If a pitcher is rated as BK/WP --/--, the outcome is 'ball 1' and a new batter roll is performed. The other time a roll is not required is if the pitcher has a --/99 rating. Since this pitcher issued no balks and has the maximum value of 99 under wild pitches, any BK/WP batter outcome would automatically become a wild pitch. When a WP occurs, all base runners advance one base and the batter has a ball 1 count. Then a new batter roll is performed for the same at bat.

Special Rules for Walks

For A+, A, and B graded pitchers, a BB (walk) is only recorded when 1st base is open. Anytime 1st base is occupied, a BB result for the pitcher grades previously listed is changed to 'ball 2'. Then another batter roll is performed for the same batter. A walk may still occur in the same at bat if another BB result occurs while a batter already has a count of 2 balls.

For C, D, E, G, and M grade pitchers, a BB is always recorded as a walk regardless of whether or not 1st base is open.

Note: Any pitching modifiers are always applied first before changing a BB result into a ball 2 outcome. This is because a BB could be modified into a 1B or SO based on the pitchers grade. Please refer to the pitcher modifiers section on page 10.

Game Walk Through

This section will show a brief walk through of a half inning to give an idea of game play. All aspects of play resolution are explained in detail in the sections that follow the walk through. Refer to the player stats for Rizzo (pg 3), Zobrist (pg 5), and Soler for the walk through. To save space, other players at bats will just be described but their stats are not shown here. The two teams are Chicago and Cleveland. Cleveland is the home team and has a right handed grade C pitcher on the mound.

Top of the 1st

Rizzo leads off for Chicago and the batting outcome roll is red 1 and white 4. The result is a single to right field. The location of the hit is found from referencing the die result of 14 on the hit location table. Zobrist now bats and the batting roll is red 1 and white 6. The value of 16 falls within Zobrist's **'vs RHP'** range of 8-20, which results in another single. This time to left field. Since Rizzo is a slow (S) base runner , Rizzo advances just 1 base on the single and winds up on 2nd.

There are now runners on 1st (Zobrist) and 2nd (Rizzo) with no one out. Soler steps up to the plate and the batter roll result is 78. The die result of 78 falls within Soler's 78-80 **'vs RHP'** range which indicates FO-RF. A tag roll is performed to see if Rizzo is able to tag from 2nd on the fly out to right field. This 2 die roll results in a 43. Since 43 is less than the 45 value shown in the fly out table for RF (with a runner on 2nd base), Rizzo does indeed tag from 2nd and advances to 3rd base.

ZOBRIST — Ben
Bats: Both   SBC 55   SBO D   Throws: R
BR M
Arm A   SHC 66
INJ 29B   RG Neg EC 4
Secondbaseman-RF-LF-SS

vs LHP roll	outcome	outcome	vs RHP roll
0-1	HR	HR	0-2
--	3B	3B	3
2-7	2B	2B	4-7
8-24	1B	1B	8-20
25-36	BB	BB	21-36
37-38	HBP	HBP	--
39-41	ROE/PO	ROE/PO	37
42-60	SO	SO	38-48
61-62	GO-1B	GO-1B	49-53
63-66	GO-2B	GO-2B	54-60
67	GO-P	GO-P	61
68-72	GO-SS	GO-SS	62-67
73-77	GO-3B	GO-3B	68-70
78-80	FO-RF	FO-RF	71-80
81-89	FO-CF	FO-CF	81-91
90-96	FO-LF	FO-LF	92-96
97	LO-1B	LO-2B	97
98	ROE/LO	ROE/LO	98
99	BK/WP	BK/WP	99

SOLER — Jorge
Bats: R   SBC 0   SBO N   Throws: R
BR M
Arm W   SHC 38
INJ 70D   RG Neg EC 5
Leftfielder-RF

vs LHP roll	outcome	outcome	vs RHP roll
0-4	HR	HR	0-4
--	3B	3B	--
5-8	2B	2B	5-7
9-23	1B	1B	8-19
24-32	BB	BB	20-31
33-34	HBP	HBP	32
--	ROE/PO	ROE/PO	33-34
35-58	SO	SO	35-60
59-61	GO-1B	GO-1B	61-62
62-66	GO-2B	GO-2B	63-66
67	GO-P	GO-P	67
68-72	GO-SS	GO-SS	68-72
73-77	GO-3B	GO-3B	73-77
78-80	FO-RF	FO-RF	78-80
81-88	FO-CF	FO-CF	81-89
89-96	FO-LF	FO-LF	90-96
97	LO-1B	LO-2B	97
98	ROE/LO	ROE/LO	98
99	BK/WP	BK/WP	99

There is now 1 out with one runners on 1st and 3rd base. Russell steps to the plate and his batting outcome roll results in a GO-SS on a die roll of 68. Because there is a runner on 1st base the **'GO Table w/runner on 1st'** is used to determine the ground out. The value from the white die (8) is referenced under the GO-SS row of this table. Eight falls under the **'PO-3 RA'** column of the ground out table. This means that the batter is out at first with the firstbaseman getting the put out. (as the PO-3 refers to the firstbaseman). RA stands for runners advance. So Rizzo scores from 3rd base, while Zobrist advances to second on the ground out.

There are now 2 outs with Zobrist on 2nd base and 1 run in. The next batter is Montero. The batting outcome results in a 1B on a roll of 15. Since 15 is one of the rolls that requires the pitching modifier to be applied, the opposing pitchers grade is noted. The pitcher is a grade C, which according to the **'Pitcher Modifier Table'** changes the result from 1B to 2B. The original die roll of 15 determines that the double goes to right field. Zobrist, who was on 2nd base automatically scores. This is because a base runner always advances at least the same number of bases as the hit type. In this case 2 bases.

There are still 2 outs with 2 runs batted in and Montero now at second base. The next batter is Baez who strikes out on a batter outcome die result of 34. This ends the top of the first with 2 runs scored.

Hit Location

The batter roll not only determines the play outcome, but it is also used to find the hit location by referring to the **'Hit Location'** table. (see table on next page) It is as simple as finding the die value in the roll column of the table and reading across to see the field that corresponds to that value. In the majority of cases, the hit will go to either right field, left field, or center field. On hits that occur on a batter roll of 19, the hit is an infield hit (except if the batter is a slow (S) runner), in which case it turns into a GO-SS outcome instead. If you play using the optional defensive rolls, a positive defensive roll is performed on batter rolls of 11 and 22. Whenever a defensive roll takes place, the defensive table is used in place of the hit location table to find which field the hit goes to. Refer to the 'Optional Rules Section' for details on defensive rolls.

Hit Location Table

Hit Location	
Roll	Loc
0-1	CF
2	RF
3-6	LF
7-10	CF
11-15	RF
16-18	LF
19	IH*
20-25	CF
26-27	RF
28-29	LF
30-50	CF

*S runner = GO-SS

Base Advancement

There are 3 separate situations when base runners may advance. These are on base hits, ground outs, and fly outs. A separate roll on base hits is <u>not</u> needed to determine base runner advancement. Simply refer to the die result from the batter roll. When it is odd, any base runners that are slow or medium advance the same number of bases as the hit type. IE. Runners advance one base on a single, and two bases on a double. Fast runners always advance one more base than the hit type on both odd and even batter roll results. This means that Fast runners advance 2 bases on a single and 3 bases on a double.

Base Advancement Table	
Roll Type	Runner/Bases
Odd BODR	S/1, M/1, F/2
Doubled Die Roll	All/1
Even BODR	S/1, M/2, F/2

When the batter die result is even, slow runners advance the same number of bases as the hit type, while both medium and fast runners advance one more base than the hit type. Base runner speed is located to the right of the players BR section. S will signify a slow runner, F signifies fast, while the letter M is assigned to a medium speed base runner.

Note that on the **'Base Advancement Table',** either a 1 or a 2 will appear to the right of the players speed rating of S, M, or F. The 1 indicates that the runner advances the same number of bases as the batters hit type. The number 2 following the base runners speed type, indicates that the runner advances one more base than the batters hit type. The only exception to the even/odd base advancement rule is on doubled die rolls. Whenever a hit occurs on a doubled die roll, **all** runners may only advance the same number of bases as the hit type.

Ground Outs With Runners On

When the bases are empty or with runners on when there are 2 outs, a ground out is simply recorded as it appears in the batters outcome table. When a runner is on base (and there are less than 2 outs) when a batter hits a ground out, one of the 3 ground out tables are used to resolve the play. This will determine base runner advancement and any potential double play outcomes.

If a runner is on 1st base, refer to the **'w/runner on 1st'** GO table. If there is no runner on 1st base, then refer to the **'no runner on 1st'** GO table. When the bases are loaded and there are less than 2 outs, refer to the **'GO w/bases loaded table'**. To use either table, read across from the correct GO type in the player column (farthest left on the chart) and locate which column the white die value from the batter roll falls into. Lets take an example

where a runner is on 1st base and the batter outcome was GO-2B on a batter roll of 47. The white die value of 7 would fall into the 5-8 range of the FC R3A column across from the GO-2B row on the 'GO w/runner on 1st' table.

Interpreting the Results of GO Resolutions

'Go w/runner on 1st' table- There are 4 possible ground out results for this table. These are Ground into Double Play (GDP), Fielders Choice - runner on 3rd holds (FC R3H), Fielders Choice - runner on 3rd advances (FC R3A), and Put Out (PO – 3). Each outcome will be explained within its own section.

GO Table w/runner on 1st add 4 to white die (max value is 9) on H & R plays				
Player	GDP	FC R3H	FC R3A	PO-3 RA
GO-C	0-4	5-7	----	8-9
GO-1B	0-2	----	3-7	8-9
GO-2B	0-3	4	5-8	9
GO-P	0-6	7	----	8-9
GO-3B	0-2	3-5	6-7	8-9
GO-SS	0-3	4-6	7	8-9

GDP Outcomes - using the 'w/runner on 1st' table

Since the **'Go w/runner on 1st' table** applies to multiple base running situations, the ground out result needs to be interpreted to apply to the current situation. GDP's are only possible when a runner may be forced out at 2nd base. In other words, a runner needs to occupy first base at the start of the play. The other requirement for a GDP is that there are less than 2 outs. If both of these conditions are met, and the white die value from the batter roll falls into the GDP column, then a double play occurs. The runner that was on 1st is forced at second, and the batter is doubled off at first base. Note that any other runner that started the play on 2nd or 3rd would advance 1 base while the GDP is completed. However, if the GDP results in the 3rd and final out of the inning, no player advancement is possible.

❖ In the 8th inning or later, the player controlling the defensive team has the option to refuse the GDP opportunity when there are 0 outs and a runner scoring from 3rd would either tie the game, or extend the lead of the offensive team. In this case, only 1 out is recorded on the play, but it is the runner on 3rd who is out at home, with the batter reaching first on a fielders choice.

Fielders Choice Outcomes

Similar to GDP outcomes, a FC outcome may only occur when a runner is on 1st base at the start of the play. When this is the case, the runner on 1st is forced out at second base, with the batter reaching 1st on a fielders choice. Any runner that started on 2nd base would **always** advance to 3rd base on all FC plays.

After the ranges shown for FC's appears either R3H or R3A. These stand for Runner on 3rd Holds and Runner on 3rd advances. These only apply when a runner is on 3rd base at the start of the play. They show whether or not the runner that was on 3rd would either advance and score, or remain at 3rd base during the fielders choice.

In addition, R3H only applies when there is not a force play at home plate. This is because if the bases are loaded, the runner on 3rd does not have a choice to hold. For this reason, on all FC plays with the bases loaded, the runner on 3rd would automatically advance and score provided that the fielders choice did not make the 3rd and final out of the inning.

PO-3 Outcomes

Put out-3 outcomes are recorded exactly as they appear on the players batting column results. ie. A GO-3B is exactly that, with the batter retired at 1st base. All 'PO-3' results are followed by RA (Runner Advances). This means that any and all base runners advance one base on the ground out.

Ground Out Outcomes - using the 'no runner on 1st' table

Ground outs with no runner on 1st are handled in the same way as above. The only two differences are that the **'no runner on 1st'** table is used instead and there are no GDP opportunities. There are two different PO-3 results. Both result in the batter being retired at 1st base. PO-3 RH requires any base runners to hold while PO-3 RA allows any runners to advance 1 base. LR Out is a type of fielders choice where the lead runner is out, no matter what base the lead runner occupied at the start of play.

GO Table no runner on 1st			
Player	LR Out	PO-3 RH	PO-3 RA
GO-C	0-1	2-7	8-9
GO-1B	----	----	0-9
GO-2B	----	0	1-9
GO-P	0-1	2-8	9
GO-3B	0	1-6	7-9
GO-SS	0	1-5	6-9

Ground Out Outcomes - using the 'GO table w/bases loaded' table

This table is on back side of the chart sheet. The only different column in this table is the GO-2 column. A GO-2 result is the runner on 3rd base getting forced out at home by the catcher. There are two different types of double plays on this ground out table. Double plays started by the catcher or pitcher both force the runner on 3rd out at home and double off the batter at first. Double plays to any other infielder forces the runner on 1st base out at 2nd, and doubles the batter off at first. On this latter double play type, the player/manager has the option to get a single out with a force at home instead of the double play. These options are indicated with '*' and '**' symbols with explanations at the bottom of the table.

Limits on Base Runner Advancement- It should be noted that in no instance will any base runner on 3rd be allowed to score when either a GDP, FC, or PO-3 results in the 3rd and final out of an inning.

Note: GO-C results only come as a result of a redirect from the Positive Defensive check table. They are not listed on the batters card. Refer to the Positive defensive check table in the optional rules section.

Fly Outs with Runners On

Fly outs are one of the few plays that require a second roll, but only with less than 2 outs and a base runner either on 2nd or 3rd. In this case, the second roll is referred to as a tag roll. The red and white dice are used with the red die once again being read first.

When the fly out is to center field or right field, a tag roll is performed when a base runner is on 2nd or 3rd. For fly outs to left field, a tag roll is only required when a runner is on 3rd base.

Tag Table- used on fly outs with runners on 2nd or 3rd with less than 2 outs.

Fly Out/Tag Table				
LF	CF	CF	RF	RF
3rd base	2nd base	3rd base	2nd base	3rd base
70	25	70	45	65
Lead runner is out on rolls of 77, 88, & 99.				

Whenever the tag roll die result is less than or equal to the value listed under the outfield and base situation, the runner is allowed to tag. (advance one base) For example; If base runners were on both 2nd and 3rd base on a fly out to right field, and the tag roll die result was 49, the runner on 3rd would tag and score, while the runner on 2nd would not be allowed to tag. Anytime a 77, 88, or 99 are rolled, the lead runner attempting to tag would be thrown out. Because of the risk of being thrown out, the choice to attempt to tag is optional.

Sacrifice Bunts

The object of the standard sacrifice bunt is to move a runner over into better scoring position. Standard sacrifices can be put on when a runner is either on 1st or 2nd, or with runners on both 1st and second. Any sacrifice with a runner on 3rd base falls into the special play category of suicide squeeze play. Sacrifice attempts can only be put on when there are less than 2 outs.

Standard Sacrifice Play	
Use batter's base SHC value	
Roll	**Result**
Succeeds on even roll	SH 5-4
Succeeds on odd roll	SH 3-4
Succeeds with doubles	IH
Roll = batters SHC value	ROE-3
Fails on even roll	FC Lead R out, 1-6
Fails on odd roll	FC Lead R out, 3-6
Fails with doubles	Pop out, PODP 1-4

Sacrifice plays do not use the hitter's batting outcome columns. Instead a standard 2 die roll is performed and the batters SHC value is referred to using the sacrifice table for the outcome. The sacrifice succeeds if the die roll is less than the batter's SHC value. Refer to the outcomes listed below for clarification on all potential results shown within the sacrifice table. A batter with a rating of N for his SHC can not perform a sacrifice bunt of any kind. N in this case means never. There are 5 general outcomes possible for a standard sacrifice. These are listed below:

Outcome 1: SH (sacrifice hit) is recorded when the sacrifice attempt is successful. The base runner(s) advance one base, with the batter out at 1st. A sacrifice attempt succeeds when the roll is less than the batters SHC value. If a batter had an SHC of 89, rolls of 0-88 would be successful. On even successful rolls, the SH is scored as SH 5-4. On odd successful rolls, the SH is scored as SH 3-4. Successful sacrifices allow the base runner(s) to advance while the batter is retired at 1st base.

Outcome 2: The sacrifice attempt turns into an infield hit scored as I-Hit. This occurs on a successful roll that also has a doubled die result. For example, for a batter with a 89 SHC value, these rolls would include; 00, 11, 22, 33, 44, 55, 66, 77, and 88. In addition to the batter being safe on the I-hit, any base runner(s) advance one base.

Outcome 3: A throwing error is made on the play by the position player that fields the bunt. This only happens when the die roll result is equal to the SHC value for the batter. For example, If the batter's SHC was 89, an error would occur on a roll of 89. Which fielder is charged with the error is listed on the sacrifice tables. The batter and runner(s) only advance one base on this error.

Outcome 4: The sacrifice attempt fails and the lead runner is forced out. This happens when the die roll is higher than the batters SHC value. For example, if the batter has a SHC of 89, rolls of 90-99 would result in a failed sacrifice attempt. The scoring depends on whether the die roll was even or odd and is given under the result column of the sacrifice table. Any trailing runners would be allowed to advance one base. For example, if runners were on 1st and 2nd base and the sacrifice failed, the lead runner is out at 3rd base, while the trailing runner would advance to 2nd base. The batter is safe at 1st on the fielders choice.

Outcome 5: Lastly, on failed sacrifice attempts that also have a doubled die result, the outcome is a Pop Out Double Play (PODP). For example, if the batter has a SHC rating of 89, the only possible roll that would give this result would be a roll of 99. The lower a batters SHC value, the more opportunities for this result. The lead runner is always the runner doubled off when there is more than one base runner. The pitcher is always considered the fielder that makes the catch on a pop out. Suggested scoring is given for the PODP in the sacrifice tables. In situations with

runners on first and second, the trailing runner would be safe and remain at first base, while the batter is out on the pop up.

Suicide Squeeze Plays- Suicide squeeze bunts have a unique table assigned to them. The main difference is that 25 is subtracted from the batters SHC value. This makes it harder to execute a suicide squeeze play.

Pitcher Grade Modifiers

Pitching grades are given as letter values that include; A+, A, B, C, D, E, G, and M. On batter roll die results of 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, and 50, the 'Pitcher Modifier' table is referred to. To use this table, find the outcome from the batter roll on the bottom row of the table, just above the title **'Original Result'**. Then scroll up until you find the opposing pitchers letter grade. Once you locate the pitcher's letter grade, cross reference to the **'New Result'** outcome on the far left that is on the same row as the grade. For original results that list no A+ grade, simply use the A grade for that outcome. In a few instances, for certain grade pitchers, batting outcomes remain unchanged by the table. The pitching modifier table is not used on batter roll die results that are **not** 0, 5, 10, 15, 20, 25, 30, 35, 40, 45 or 50. Any batting outcomes below GO (ground out) on a batters outcome table also are not modified. These include fly outs, and line outs.

Example 1: The opposing pitcher is grade B. The batter outcome is 1B on a roll of 15. Locate the 1B outcome on the **original result** row. Scroll up until you find the B grade. The B grade is shown 5 rows up where the value A, B, M is listed. Now scan over to the left for the **new result.** The new outcome becomes a BB. Note that special rules for walks (see page 4) still applies for pitcher grades of A+, A, and B.

Example 2: The opposing pitcher is grade A+. The batter outcome is a triple on a roll of 5. Using the method described above, the triple turns into a 1B instead.

Pitcher Modifier Table
Original result on the bottom gets converted to new result on far left

Pitcher Modifier Table										
Apply on batter rolls of 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50										
N	**GO**									A-C
e	**SO**				A+	A	A-B	A+	A-C,M	A+
w	**ROE**							A-D		
	HBP						C-E			
R	**BB**	A+	M	A+,M	A,B,M	B, M	M	M	D	D-E, M
e	**1B**	A, M	A+	A-B		C-D	G	E-G	E-G	G
s	**2B**	B	A		C-E	E-G				
u	**3B**		B-E							
l	**HR**	C-G	G	C-G	G					
t		HR	3B	2B	1B	BB	HBP	ROE	SO	GO
	O r i g i n a l R e s u l t									
When A+ doesn't appear in a column, A+ has the same result as A										

Example 3: The opposing pitcher is grade C. The batter outcome is a HR on a roll of 0. Using the method described above, the HR remains unchanged.

Example 4: The opposing pitcher is grade G. The batter outcome is a 2B on a roll of 10. Using the method described above, the 2B is changed instead into a HR.

Pitcher Fatigue System

The limit on number of innings that any given pitcher may pitch during one game is referred to as Maximum Innings Pitched. (MIP) This inning limitation is found on a pitchers card just below his grade splits. For an example; refer to Arrieta's card on page 2. His MIP of 6 is shown in a shaded yellow box. For dual role pitchers, their card will give two values for MIP like this; 5/2*. The first value would be their MIP when they pitch as a starter. The second value after the slash and with an asterisk, would be their MIP when they enter the game in relief.

Maximum innings pitched represents when a pitchers arm fatigue level is reached. Modern managers protect pitchers arms by limiting pitch counts which is represented by innings for simplicities sake. Make a notation on the opposing teams score card above the inning that corresponds to the pitchers MIP limit.

One Extra Inning Pitcher Bonus - For Starters Only

Starting pitchers can potentially pitch one inning over their MIP limit. They qualify for one extra inning if, after reaching their last inning, they have only allowed two runs or less. Unearned runs count towards this two run cut off. The +1 MIP bonus can only be applied one time.

Error Determination Rolls on ROE/PO and ROE/LO Outcomes

Refer to figure C below. Whenever a ROE/PO or ROE/LO is the outcome of a batter roll, an **'Error Check Roll'** is performed. The results of the error check can be either an error, a PO, (pop up) or a LO (line out). The error check is a 3 die roll.

The red/white combo is read separately. (red die first) Then the blue die is read individually. The value from the red/white combo determines which fielder the play goes to. The fielder is found by using the die range listed under the roll column of the **'Error Results'** table, then reading across to the corresponding position shown in the POS (position) column. ie. If the red/white combo was 68, find the fielder in the POS column just to the right of the 67-76 range. In this instance, the play would go to the SS. (shortstop)

Error Check Portion - Once the fielder is determined, the blue die is compared to the fielders EC value to see if he commits an error on the play. If the blue die is equal to, or less than the players EC value, an error occurs on the play. Once an error occurs, how many bases the batter takes on the error is found by reading across from the roll range to the RS (result) column. Values listed in the RS column are either 1* or 2. The RS value gives the number of bases the batter advances on the error. The * means that when there are 2 outs, all base runners advance 1 more base than the displayed RS value. This one base bonus does not apply to the batter. With one out for the range of 67-76, the batter would advance 1 base and any base runners would also advance 1 base. If there had been 2 outs, the batter would still advance 1 base, while any base runner(s) would advance 2 bases.

Figure C: Error Results Table

Roll	Pos	RS
0-3	C	1*
4-10	P	1*
11	P	2
12-21	1B	1*
22	1B	2
23-25	1B	1*
26-32	2B	1*
33	2B	2
34-41	2B	1*
42-43	3B	1*
44	3B	2
45-54	3B	1*
55	3B	2
56-65	SS	1*
66	SS	2
67-76	SS	1*
77	LF	2
78-83	LF	1*
84-87	CF	1*
88	CF	2
89-92	CF	1*
93-98	RF	1*
99	RF	2

If the blue die is higher than the players EC value, then no error occurs on the play. If this is the case the play is simply recorded as a pop out for original batting outcomes of ROE/PO, or a line out if the batting outcome had been ROE/LO. As it happens, any player that has an EC 9 rating will always make an error.

Optional Rules Section

This section contains supplemental rules. It is recommended to that you play several games using the main rules before adding in any optional rules. On the game charts, tables that apply to optional rules will have a blue header, while tables for 'required' rules have a brown header.

Base Stealing

Limits are placed on players so that they may only make so many attempts per series and only during certain points in the game. This is to make their steal attempts more true to life. Every player in game is rated with a letter grade for his SBO (stolen base opportunity). Those rated as N may never attempt to steal. Players rated AA through E may steal but are subject to the limitations given within the **'Steal Opportunity Table'**. This table shows the players SBO grade, followed by the stolen base points it costs for him to attempt a steal. Each team has a maximum of 4 steal points per 9 inning game. Once those points are used, no more steal attempts may be made by that team for the remainder of the current game. Stolen Base points may be tracked on the scorecard by crossing off points as they are used. If the game goes into extra innings, each team is awarded 2 additional steal points. Not that AA grade pitchers have zero point cost during extra innings.

Steal Opportunity Table			
Grade	SB Pts	Opportunity	H & R
AA	1/0*	Any time - once per 9 innings, once more in extras	Yes
A	1	Any time - twice per series	Yes
B	2	Any time - once per series	Yes
C	2	6th inn or later - once per series	Yes
D	3	7th inn or later - once per series	Yes
E	3	8th inn or later - 1 every other series	No
N	NA	Never	No

In the middle of the **'Steal Opportunity Table'** is given the limits as to when and how often a player may attempt a stolen base. To the far right of the table is a column titled 'H & R'. This shows, either by yes or no, whether or not that particular steal grade may participate as a base runner in a hit and run play. Notice that both E and N grades may not have a hit and run put on for them. When these players bat, the hit and run play may be put on. Its only when they are on the base paths that this H & R restriction applies.

Resolving a Steal Attempt

Once the player/manager decides to attempt to steal a base, its simply a matter of performing a standard 2 die roll and comparing the die result with the players adjusted SBC (stolen base chance) value. The adjusted SBC of a player is found by taken his actual SBC value and adding the opposing catchers AR value to it. Adding a minus AR is the same as subtraction. Note that catchers with the strongest arms have minus AR values as they reduce the chance the runner has of a successful steal. If the 2 die roll is less than or equal to the adjusted SBC, that runner steals the base. If the die roll is higher than the adjusted SBC, the runner is thrown out at the base he was attempting to steal. Only 2nd or 3rd base may be stolen.

Example: The opposing catcher has an AR of -9. The base runner on 1st has a SBC of 82. Adding -9 AR to the runners 82 SBC results in an adjusted SBC of 73. A 2 die roll is performed with the result of 70. Since 70 is lower than the adjusted SBC of 73, the runner successfully steals 2nd base.

❖ On steal attempts of 3rd base, subtract 5 from the runners base SBC. In the example above, if the runner was attempting a steal of 3rd, his final adjusted SBC would have been 68.

Positive Defensive Rolls

Defensive Rolls are optional. If the player/manager chooses to use them, both positive and negative rolls should then be used. This is to ensure that just as many hits are taken away as are added over the course of a season. This section will describe how to implement positive defensive rolls.

Any time a single, double, or triple occurs on a batter roll die result of either 11 or 22, the **'Positive Defensive Roll'** **(PDR)** table is needed in order to see which fielder the ball is hit towards. First perform a new standard 2 die roll. Find which range the result from this roll falls into on the **'roll'** column of the **'Positive Defensive Roll'** table. Then find the corresponding fielder for the same row in the **'fielder'** column. This is the defensive player that the check applies to. On PDR rolls of 0-3, if the original hit type off the batter card was a 1B, the play goes to the catcher. On 0-3 rolls with an original hit type of 2B or 3B, the play goes to the firstbaseman. All other roll results indicate a specific fielder.

This fielder check acts like an on off switch. If the fielder being checked has Pos RG, then the original hit is changed to the result displayed under the **Pos** (positive) column of the table. The new possible results will either be GO or FO. When the result is changed to a ground out or fly out while runners are on base (with less than 2 outs), the GO or FO is resolved as it normally would be. For ground outs, perform a new 2 die roll to resolve the play using the appropriate ground out table. For fly outs with runners on 2nd or 3rd base, a new tag roll would be performed.

When the fielder being checked has either Neu RG or Neg RG, he is considered to have failed the positive defense roll and is unable to make a play on the ball. In this case, the original hit from the batter roll stands and the location of the hit is found under the **Neg/Neu** column of the **PDR** table. Pitchers and catchers that fail a positive defensive roll have the hit changed to an infield hit regardless of what the original type of hit would have been. On plays where the original hit stands, any base runner advancement is determined from the original 11 or 22 batter die roll. In other words, base runners only advance the same number of bases as the hit type on PDR plays.

Positive Defensive Roll Table			
Hits on rolls of 11 & 22		Pos	Neg/Neu
Roll	Fielder	Result	Hit-Loc
0-3* 1B	C	GO	I-Hit
0-3* 2B, 3B	1B	GO	RF
4-14	1B	GO	RF
15-26	RF	FO	RF
27-40	2B	GO	CF
41-55	CF	FO	CF
56-58	P	GO	I-Hit
59-73	SS	GO	CF
74-87	LF	FO	LF
88-99	3B	GO	LF

*On rolls of 0-3, if the orginal hit type was 1B, the play goes to the catcher. On 2B, or 3B's, the play goes to the firstbaseman.

Example 1: A batter roll of 11 gives the result of 2B (double) off the players hitting column. The positive defensive roll is 36. Looking under the roll column of the **PDR** table, 36 falls within the range of 27-40. This indicates the second baseman (2B). The opposing second baseman has a Pos RG rating. Therefore, the new result under the **Pos** (positive) column of the table for a second baseman is GO. If any runner(s) were on base with less than 2 outs, a new 2 die roll is performed with the die result used to resolve the ground out.

Example 2: A batter roll of 11 results in a 1B (single). The positive defensive roll is 49. This indicates the center fielder (CF). The opposing center fielder has a Neu RG rating. So the single will stand and the hit location of CF is shown under the **Neg/Neu** column of the table. If any base runner(s) were on base, the double die value of the original 11 would be used to resolve base runner advancement.

Negative Defensive Checks

Negative defensive checks do not require an additional roll. Instead, whenever the batter roll is either 66 or 88, the fielder given in the batter outcome is simply checked to see if he has a Neg RG rating. If he does, the original GO or FO is changed to a 1B (single) result. When the defensive player in question has either a Pos RG or a Neu RG rating there is no change to the original batter outcome. The negative defensive check does not apply on batter outcomes of SO. So if a 66 or 88 batter roll were to result in a SO on a players batting column, no check is performed.

When a ground out is changed into a 1B result, it is considered as an infield hit. If a fly out is changed into a 1B result, it is considered as a hit to the outfield that the original FO was listed as. In both cases, any base runner(s) may only advance 1 base on a hit that was either a GO or FO before it was altered by a Neg RG rated defensive player. However, when there are 2 outs, all base runners advance 2 bases on the single. Refer to the '**Negative Defensive**' table on the following page.

Negative Defensive Table			
GO's or FO's on rolls of 66 & 88			
Batter Roll	Fielder Position	Result	
		Pos/Neu	Neg
66	All	No Change	Hit*
88	All	No Change	Hit*
Base runners only advance 1 base on hits from negative range checks with 0 or 1 out. *Whenever there are 2 outs, base runners advance 2 bases on the batter's single.			

Hit and Run Plays

The player/manager controlling the offensive team can put on a Hit and Run play. This may be done any time there are less than 2 outs and there is either a runner on 1st, runners on 1st and second, or runners on 1st and 3rd. When a pitcher is on base, he can not participate in the Hit and Run. Managers don't put pitchers at risk of injury on the base paths. A hit and run could still be put on if a pitcher was on 1st base, and an additional runner was on 2nd, but only the runner on second would get any of the bonus modifiers associated with the Hit and Run. Hit and runs may also not be put on for a runner that has either an E or N SBO (stolen base opportunity) rating.

H & R Modifiers
+5 to batters roll (ignore this if pitcher mod is applied)
+4 to white die on all ground out rolls (maximum value is 9)
100% chance the base runner takes an extra base on a hit

It should be noted that any time a H & R is put on and the batter strikes out, the play turns into an attempted steal. In this instance, resolve the steal just the same as you would if it had been a straight steal attempt. All the effects of putting a Hit and Run on are listed in the **'H & R Modifiers'** table shown above. The batter roll modifier of +5 is only added on rolls from 0-90. This is to prevent too many batter rolls being converted to ROE/LO's or BK/WP's. In addition, any roll that requires use of the **'Pitcher Modifier'** table, also does not have the +5 H & R modifier applied. This is because pitcher modifiers supersede the H & R batter roll modifier. The +4 to white die modifier is only applied when the ground out table is used.

Advantages and Disadvantages of Hit and Runs: Hit and Runs have both risks and rewards. They are put on to try to stay out of a double play, and to increase the chance of runners advancing an extra base on base hits. The risks are having a batter strike out and the runner getting caught stealing, for a strike out/throw out double play.

Limits on using H & R's: Hit and Runs are limited to 2 uses per game/per team.

Additional Pitcher MIP Modifiers

Additional MIP modifiers may be used based on the player/managers preference. A quick reference table is shown below.

MIP Modifiers	
Condition	**Penalty/Bonus**
Starter allows 5 or more runs	-1 to MIP, -1 grade level
Starter allows 2 or less runs	+1 to MIP
Starter allows 8 or more runs	Must be removed
Reliever allows 3 or more runs	Must be removed

The penalties and bonuses listed in the MIP table are straight forward. One other suggested bonus is to allow a starting pitcher who has pitched his maximum innings, and still has allowed 2 runs or less, to continuing pitching until a runner reaches base for any reason. With this last bonus, it would be possible for any starting pitcher to pitch a complete game. For example; say a starting pitcher has an MIP of 6. He pitches 6 innings and has only allowed 1 run. He then gets a +1 MIP bonus so he can pitch the 7th inning. He allows an additional run in the 7th but still has only allowed 2 runs total. The +1 MIP bonus may only be applied once, but he may still pitch in the 8th until he allows any type of base runner. As soon as a runner reaches, whether from a hit, error, walk, etc.... the starting pitcher must be removed. If this pitcher were to pitch a 1, 2, 3 eighth inning, he has the opportunity to pitch the 9th until he allows any base runner to reach.

Pitcher Grade penalty for RISP Situations

As an optional rule, whenever a hitter bats in an RISP situation and the pitcher throws from the opposite side that the hitter bats from, the pitchers grade is reduced by 1. For example; a right handed batter faces a grade B left handed pitcher with a runner on 2nd base. In this case, since the righty/lefty match up favors the batter, the pitchers grade is reduced to a C. Pitching grades of M are reduced to C grade.

Season Use Limits for Relief Pitchers

Whenever a relief pitcher pitches 2 innings in a game, he should not be available to pitch in the next game. This adds more realism to pitcher management. It is also suggested to use any relief pitcher no more than 3 consecutive games. After his 3rd consecutive appearance he should be made unavailable.

Plays at the Plate

This optional rule only applies when a runner on 1st would score on a double, or a runner on 2nd would score on a single. In these 2 situations, the outfielder the hit went to has a chance to throw the runner out at home. To resolve this play, do a standard 2 die roll and refer to the outfielders arm rating. Outfielders rated with a **W** (weak) arm will throw out runners on rolls of 0-5. An **A** (average) arm rating allows an outfielder to throw out runners on rolls of 0-10. Outfielders rated as **E** (elite) throw out runners on rolls of 0-20. Base runners on 3rd can never be thrown out because even a single scores them automatically. Runners on second also would score automatically on a double with no throw.

OF Chance to Throw Out Runner	W= 0-5	A= 0-10	E= 0-20
Used when a runner would score from 1st on a double, or from 2nd on a single.			

Every player has an Injury rating. The injury rating is the value to the right of **INJ** on a players card. Injury ratings usually consist of a number followed by a letter. A typical INJ rating would look like 54C. The number value represents the chance that a player will sustain an injury, while the letter value determines the possible length of the injury. When an injury roll is required to check for a potential injury, if the roll is less than or equal to the players injury value, an injury occurs. If the roll is higher, no injury occurs. So for a player with a INJ of 54C, die results of 0-54 would mean that he sustained an injury.

The roll to check for an injury is a standard 2 die roll. The letter value of the injury rating only comes into play if an injury was found to take place according to the initial injury roll. Once an injury takes place, the length of the injury is determined by a 2nd die roll. This time a single die is used and the color of the die makes no difference. The result of this single die is cross referenced on the **'Injury Length'** table using the letter value of the players injury rating. See the table below.

Injury Length Table		
Injury Type	Roll Range	
	0-2	3-6	7-9
A	1	2	3
B	2	4	6
C	4	6	9
D	6	8	12
E	7	10	15

For the player with the INJ 54C rating, the letter C is what applies to this part of the check. The outcome corresponding to the single die roll determines how many games the player must remain out of the lineup. These are games, not days. So in an extended season, days the team has off do not count towards this total.

Limits on Number of Players injured at any Given Time

In order to not make the roster size too small due to injury, there are limits on how many players can be injured at any given time. The limit per team is 2 injuries. Of these, only 1 position player and 1 pitcher may be out due to injury at any point in the season. So once a pitcher is injured, that team is exempt from injury checks to any other pitchers until the injured pitcher returns to the lineup. The same applies to position players. Once a team has a position player injured, the other position players are exempt from injury checks until the injured position player returns.

When are Injury Rolls Performed?

Frequency of injury checks is different for pitchers than it is for position players. Every pitcher that made an appearance in the game, has a Injury check performed at the end of the game. If an injury occurs, it represents tightness that occurred after his performance, and the current game he just pitched in does not count as a game towards his injury length. Check pitchers in the order of their appearance in the game, with the starter getting checked first.

For position players, only 1 position player per team has the potential to be injured. After the game is over roll a single die. The result indicates which player has to have an injury check performed. The die result corresponds to the order of that games starting lineup. If the die result is a 3, then the player that started the game batting 3rd in the lineup has a 2 die injury check roll done. In this way, all the players that started have an equal chance that they require an injury check. If the single die results in a 0, all position players are exempt from an injury check for that game. If the pitcher was in the batting order and the single die corresponds to him, once again all position players are exempt from a check. The pitcher would not need an additional check as they are always required to have one, but would never be subjected to 2 injury checks for the same game.

Alternate Die Randomizer

Instead of simply rolling the red and white dice to get a 2 die result, you can use this optional 4 die roll randomizer to get a more varied 2 die result. First a little background on how this came about. Quite often I play baseball simulations in a public cafe where the table size is small. I put the player sheet inside a sheet protector and roll the dice on top of this as the little bit of padding deadens the dice so they don't bounce off the table. I also roll very fast by hand and don't shake up the dice too well. Rolling dice as I do doesn't give as random a result as using a dice cup or dice tower would. Meaning the way I roll dice was more apt to lend itself to streaky dice. I tested this die randomizer using Pine Tar and found I was getting more random die results that helped even game play.

To use the randomizer to get a 2 die result, you roll all 4 dice included with the game. The 6 sided green die acts as a switch for which 10 sided color die is used. When the 6 sided die is odd, you use the red 10 sided die. When the 6 sided die is even, you use the blue 10 sided die. Of course the white die is always used for the 2nd value of the two die result. Its as simple as that. There is a reference to the randomizer on the score sheet as a reminder.

In testing, I found the randomizer can add some excitement to the rolls as well. You may notice a good batting die result from the blue die such as a 0, only to then notice that the 6 sided die references the 7 on the red die instead.

Of course on situations that the game calls for a 3 die roll, such as on error checks, you would not refer to the 6 sided die.

SO/BB Pitcher Rating Rule

The SO/BB values that appear within pitcher's stats are a **'strike out/base on balls'**. For 19th century seasons, this rating appears just to the left of the pitcher's grade. For more modern seasons, the new rating appears at the very bottom of the pitcher's 'card', just below his batting column. Future seasons will all come with these special pitcher ratings.

The new ratings include:

SO 77
SO 55, 77
SO 55-60, 77
NC (no change)
BB 77
BB 55, 77
BB 55-60, 77

How it Works

When you begin a game, record the starting pitchers grade and SO/BB rating on the scorecard. Do this for each teams 'opposing' pitcher for quick reference during the game.

Anytime a batter roll of 55-60 or 77 occurs and the opposing pitcher has a BB/SO rating that indicates that roll value, change the initial outcome to the result listed in the pitcher's SO/BB rating. Very few pitchers use the 55-60 range so most checks are for 55 or 77.

Examples

1: A pitcher is rated SO 55, 77. The batter roll is a 77 which indicates a FO-RF. Because of the pitchers SO rating that lists the value of 77, this play is turned into a strike out.

2: A pitcher is rated SO 55, 77. The batter roll is a 55 which indicates a SO. The play stays as a strike out. If the batter outcome had indicated anything else, such as GO-1B, the play would have been turned into a strike out.

3: A pitcher is rated BB 77. The batter roll is a 77 which indicates GO-3B. The play becomes a base on balls because of the pitcher's BB rating that lists 77.

4: A pitcher is rated BB 55-60, 77. The batter roll is a 59 which indicates SO. The play becomes a base on balls instead because the batter roll of 59 falls in the 55-60 range listed for this BB 55-60, 77 rated pitcher.

Straight Steals of Home

Conditions:
- A base runner must have either an A, B, or C SBO rating in order to attempt to steal home.
- There has to be less than 2 outs.
- Neither team may be ahead by more than 2 runs.
- The team must have enough 'steal points' to attempt the steal

If the above conditions are met, the runner may attempt to steal. Opportunity restrictions still apply to the base runner based on his SBO grade. For example, a runner with an SBO of C could only attempt a steal in the 6th inning or later.

To perform the steal attempt, simply subtract 55 from the runners Stolen Base Chance (SBC). So if the runner has an SBC of 89, when he tried to steal home it would become 89-55 = **34.** The catcher AR rating doesn't come into play. Each team may only attempt to steal home once a month during the course of a season.

Double Steals of Second & Home

Conditions:
- There must be runners on 1st and 3rd.
- Both base runners must have a C or higher SBO rating.
- There has to be less than 2 outs.
- Neither team may be ahead by more than 2 runs.
- The team must have enough 'steal points' to attempt the steal.

If the above conditions are met, the runners may attempt a double steal. Opportunity restrictions only apply to the runner on 3rd base. For example, if the runner on 3rd base has an SBO of C he could only be involved in a double steal in the 6th inning or later. Double steals always cost 2 points regardless of what SBO grade the base runners involved are.

To perform the steal attempt, simply subtract 45 from the runner on 3rd's Stolen Base Chance (SBC). Then add in 1/2 of the catchers AR rating rounded up to the higher integer. Note that the SBC value for the runner on 1st base is not used in determining double steals.

For example: The runner on 3rd base has an SBC of 89 and the Catcher's AR is -7. Subtracting 45 from 89 gives 44. One half of the catchers -7 AR would be -4 after rounding. 'Adding' -4 to 44 gives 40. So 40 is now the final SBC used to determine if the double steal will succeed. On rolls of 0-40, the double steal would be successful with both base runners advancing 1 base. On rolls of 41-99. The runner on 3rd would be thrown out at home while the runner on 1st would be safe at second base.

For the highest chance of a successful double steal, it is best to attempt these on positive AR rated opposing catchers. If in the same situation above the catcher was rated AR +12, the final SBC would work out to 50. 89-45 + 1/2(AR of 12) = 50.

Rules for Playing In (Close)

Conditions:
- There must be a runner on 3rd base that can't be forced out at home.
- There must be less than 2 outs.
- With 1 out, there can not be a runner on 1st base. In other words, no playing close when a double play would end the inning.

When the conditions above are met, the player/manager controlling the defense may choose to play the infield in. In multi-player games this must be declared before the dice are rolled for the next batter. Playing 'in' increases the chance of cutting down the runner on 3rd on a grounder. The downside is it makes it more likely for a base hit to make it through the infield. When a player declares that his defense is playing close, (in) the modifiers shown below are applied on all ground outs and singles.

Ground Outs: When using ground out tables, subtract 2 from the unmodified white die value. Zero is the lowest value possible. When using the **'GO table w/runner on 1st'** table, a GDP result is instead a FC that tags the runner out at home with the batter reaching. No GDP's are possible when the defense is playing close.

Singles: Add 3 to the 1B range on the current hitter's batting column. For example: The current batters 1B range is 7-22. When the defense plays close this batter's new 1B range is extended by 3, making his 1B range 7-25 for this at bat only. If 23-25 had an outcome of BB previously, those are now hits instead.

Rare Play Rules

The use of the 'Rare Play' table is entirely optional. To use rare plays; the first time a 44 is the result on a batter roll, perform another 2 die roll in place of getting the result off of the hitter's column. Reference the result of this new roll on the 'Rare Play' table and use the column to the right that fits the base runner circumstance. There are 2 columns, one for when the bases are empty and one for when at least 1 or more runners are on base.

For example: Say you roll a 44. You roll again and get a 15. If the bases are empty the new result would be a strike out on a wild pitch with the batter reaching first. If there is at least 1 base runner, then the result is a wild pitch with any base runner advancing 1 base. In this latter case the same hitter is still at bat with a count of 1-0.

Note that the 'Rare Play' table is used no more than once per game. Not once per team, but once per game. Therefore, after the first rare play of the game any further batter rolls of 44 are found off of the hitter's stats just like they normally would be.

The location of the rare play table is on the back cover of this optional rule manual.

Rare Play Table

Optional Rule - Applies to first batter roll of 44

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Rare plays may be used to add more variety to game play. Only the first batter roll that results in 44 is used. From then on, the result of every 44 is taken directly from the batter's card. To use the rare play table, a second 2 die roll is performed using the blue/white dice combo. The die roll is found off the chart below with the new outcome given to the right of the die roll. Rare play outcomes vary by whether the bases are empty or runners are on.

Die Roll	Bases Empty	Runner(s) On
0-1	Triple to rightfield. If rightfielder has a pos RG value, the play is instead a fly out to RF.	Line out to 3B, lead runner doubled off. If at least 2 runners were on base, the 2 lead runners are both doubled off for a triple play.
2-7	If batter has an HBP entry = HBP, No HBP entry = ball 2	Passed Ball
8-10	Game delayed for 2 hours due to power failure (rain in open park or before electricity) Current pitchers must be replaced when game resumes.	Game delayed for 2 hours due to power failure (rain in open park or before electricity) Current pitchers must be replaced when game resumes.
11-16	Strike Out/Wild Pitch - batter reaches	Wild Pitch - all base runners advance one base.
17-20	Left fielder loses routine fly ball in the lights/sun. Play is ruled as a double.	Left fielder loses routine fly ball in the lights/sun. Play is ruled as a double. All base runners advance 2 bases.
21-23	Game is delayed for 30 minutes by a swarm of flying insects. Current pitchers have their grade reduced by 1	Game is delayed for 30 minutes by a swarm of flying insects. Current pitchers have their grade reduced by 1.
24-29	Base on Balls	If runners are on 1st and 2nd and both have an SBO rating of at least E, they attempt a double steal. If these conditions are not met then the play is instead Ball 2. This attempt uses no steal points.
30-31	The batter has both a 3B and HR entry = Inside the park home run. If conditions are not met the result is simply a foul ball.	The batter has both a 3B and HR entry = Inside the park home run. If conditions are not met the result is simply a foul ball.
32-41	Strike Out and the batter is ejected for arguing the call.	Strike Out and the batter is ejected for arguing the call
42-48	Batter reaches on catchers interference.	Batter reaches on catchers interference.
49-50	Base on Balls and catcher ejected for arguing	Base on Balls and catcher ejected for arguing the call
51	Strike Out with the catcher injured by hitters back swing. Catcher must miss the next 4 games.	Strike Out with the catcher injured by hitters back swing. Catcher must miss the next 4 games.
52-53	HBP and the umpire ejects the current pitcher for throwing at the batter. Manager is also ejected.	HBP and the umpire ejects the current pitcher for throwing at the batter. Manager is also ejected.
54-70	Infield Hit	Infield Hit
71-74	Batter tries to check his swing but is called out on strikes	Pitcher tries to pick off the lead runner but throws the ball away. E-1 with all runners advancing 1 base.
75-90	Foul Ball	Left handed pitcher picks off the lead runner. If the bases are loaded or the pitcher is right handed the result is instead ball 2.
91-93	Base hit to centerfield	The lead runner is hit by the batted ball and by rule is called out. Any other runners return to the base they occupied at the start of the play. The batter is awarded 1st base.
94-99	Batter is ruled out on fan interference on a pop fly into the first row of the stands on the first base side.	Batter is ruled out on fan interference on a pop fly into the first row of the stands on the third base side.

Pine Tar Baseball

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Red/white combo determines fielder.

Blue die tells if its an error, LO or PO.

Steal Opportunity Table

Grade	SB Pts	Opportunity	H & R
AA	1/0*	Any time - once per 9 innings, once more in extras	Yes
A	1	Any time - twice per series	Yes
B	2	Any time - once per series	Yes
C	2	6th inn or later - once per series	Yes
D	3	7th inn or later - once per series	Yes
E	3	8th inn or later - 1 every other series	No
N	NA	Never	No

*SB cost is 1 point for 1st 9 innings and then 0 points when in extra innings.

Ball 2 Rule for A+, A, & B pitchers

Anytime 1st base is occupied, a BB result is changed to ball 2 instead.

Chart Key by Header Color

Color	Rule Type
Brown	Mandatory
Blue	Optional

Error Results

Roll	Pos	RS
0-3	C	1*
4-10	P	1*
11	P	2
12-21	1B	1*
22	1B	2
23-25	1B	1*
26-32	2B	1*
33	2B	2
34-41	2B	1*
42-43	3B	1*
44	3B	2
45-54	3B	1*
55	3B	2
56-65	SS	1*
66	SS	2
67-76	SS	1*
77	LF	2
78-83	LF	1*
84-87	CF	1*
88	CF	2
89-92	CF	1*
93-98	RF	1*
99	RF	2

*with 2 out, base runners adv 2 bases

Hit Location

Roll	Loc
0-1	CF
2	RF
3-6	LF
7-10	CF
11-15	RF
16-18	LF
19*	IH*
20-25	CF
26-27	RF
28-29	LF
30-50	CF

*S runner = GO-SS

Pitcher Modifier Table

Apply on batter rolls of 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

New Result											
N	GO										A-C
e	SO				A+	A	A-B	A+	A-C,M	A+	
w	ROE						A-D				
	HBP						C-E				
R	BB	A+	M	A+,M	A,B,M	B, M	M	M	D	D-E, M	
e	1B	A, M		A+	A-B		C-D	G	E-G	E-G	G
s	2B	B	A		C-E	E-G					
u	3B		B-E								
l	HR	C-G	G	C-G	G						
t		HR	3B	2B	1B	BB	HBP	ROE	SO	GO	

O r i g i n a l   R e s u l t

When A+ doesn't appear in a column, A+ has the same result as A

Base Advancement Table

Roll Type	Runner/Bases
Odd BODR	S/1, M/1, F/2
Doubled Die Roll	All/1
Even BODR	S/1, M/2, F/2

Fly Out/Tag Table

LF	CF	CF	RF	RF
3rd base	2nd base	3rd base	2nd base	3rd base
70	25	70	45	65

Lead runner is out on rolls of 77, 88, & 99.

GO Table no runner on 1st

Player	LR Out	PO-3 RH	PO-3 RA
GO-C	0-1	2-7	8-9
GO-1B	----	----	0-9
GO-2B	----	0	1-9
GO-P	0-1	2-8	9
GO-3B	0	1-6	7-9
GO-SS	0	1-5	6-9

GO Table w/runner on 1st

add 4 to white die (max value is 9) on H & R plays

Player	GDP	FC R3H	FC R3A	PO-3 RA
GO-C	0-4	5-7	----	8-9
GO-1B	0-2	----	3-7	8-9
GO-2B	0-3	4	5-8	9
GO-P	0-6	7	----	8-9
GO-3B	0-2	3-5	6-7	8-9
GO-SS	0-3	4-6	7	8-9

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OF Chance to Throw Out Runner	W= 0-5	A= 0-10	E= 0-20

Used when a runner would score from 1st on a double, or from 2nd on a single.

Positive Defensive Roll Table

Hits on rolls of 11 & 22		Pos	Neg/Neu
Roll	Fielder	Result	Hit-Loc
0-3* 1B	C	GO	I-Hit
0-3*2B, 3B	1B	GO	RF
4-14	1B	GO	RF
15-26	RF	FO	RF
27-40	2B	GO	CF
41-55	CF	FO	CF
56-58	P	GO	I-Hit
59-73	SS	GO	CF
74-87	LF	FO	LF
88-99	3B	GO	LF

*On rolls of 0-3, if the orginal hit type was 1B, the play goes to the catcher. On 2B, or 3B's, the play goes to the firstbaseman.

Negative DefensiveTable

GO's or FO's on rolls of 66 & 88			
Batter Roll	Fielder Position	Result	
		Pos/Neu	Neg
66	All	No Change	Hit*
88	All	No Change	Hit*

Base runners only advance 1 base on hits from negative range checks with 0 or 1 out.
*Whenever there are 2 outs, base runners advance 2 bases on the batter's single.

Injury Length Table

Injury Type	Roll Range		
	0-2	3-6	7-9
A	1	2	3
B	2	4	6
C	4	6	9
D	6	8	12
E	7	10	15
N	No injury occurs		

GO Table w/bases loaded
Force at Home

Player	GDP	FC R3H	PO-2	FC R3A
GO-C	0*	----	1-7	8-9
GO-P	0-6*	----	7-8	9
GO-1B	0-5**	----	6-7	8-9***
GO-2B	0-2**	----	3-5	6-9***
GO-SS	0-3**	----	4-5	6-9***
GO-3B	0-4**	----	5-8	9***

*Runner on 3rd forced out at home with batter doubled up.

**The defense has the choice to get a single out at home in place of the GDP. Otherwise the runner on 1st is out at 2nd and then the batter is doubled off at 1st base.

***Any FC R3A result forces the runner on 1st out at 2nd, while the runner on 3rd scores if the force out did not result in the 3rd out.

Suicide Squeeze Play

Subtract 25 from batter's SHC value	
Roll	Result
Succeeds on even roll	SH 1-4
Succeeds on odd roll	SH 5-4
Succeeds with doubles	IH
Roll = batters SHC value	ROE-3
Fails on even roll	FC Lead R out, 5-2
Fails on odd roll	FC Lead R out, 3-2
Fails with doubles	Pop out, PODP 1-5

Standard Sacrifice Play

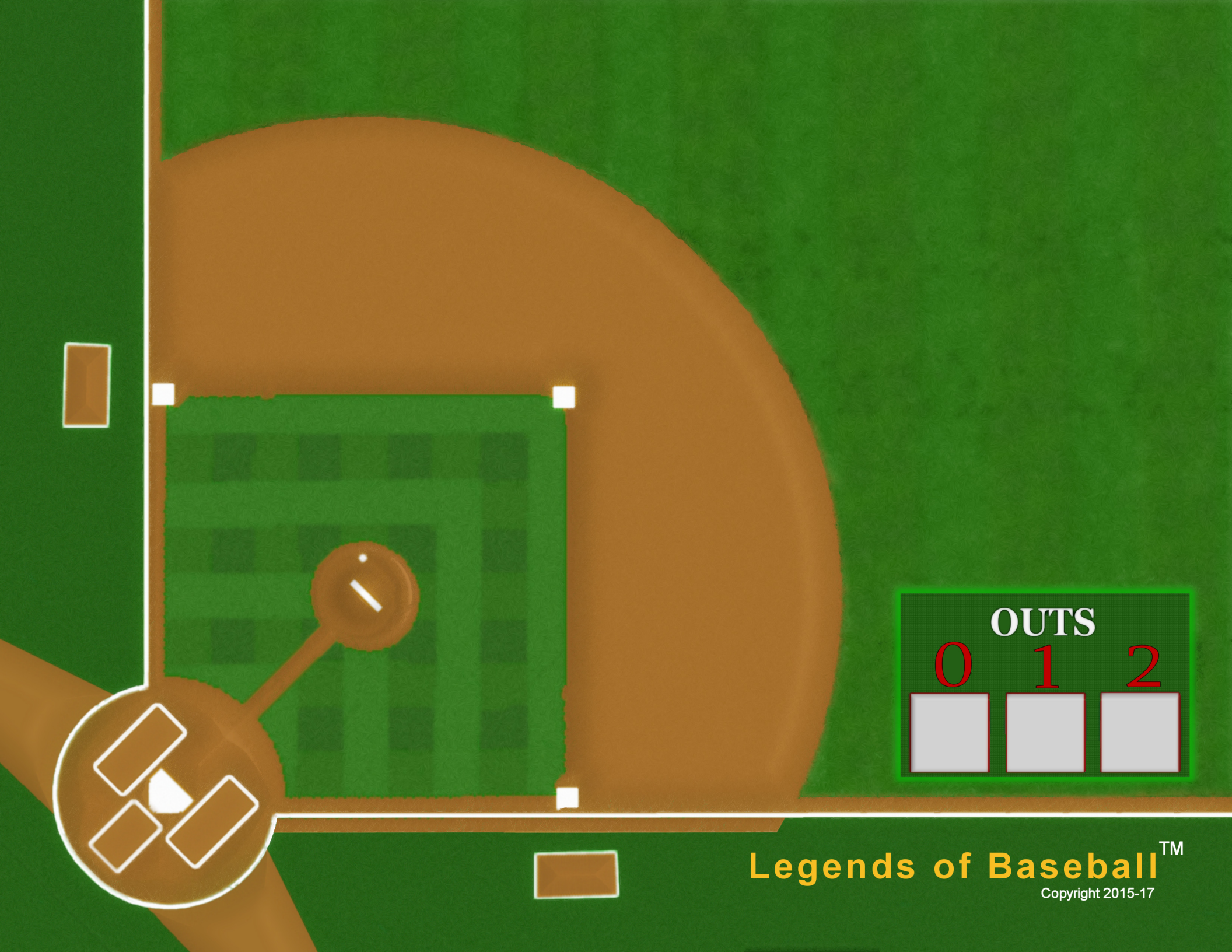| Use batter's base SHC value	
Roll	Result
Succeeds on even roll	SH 5-4
Succeeds on odd roll	SH 3-4
Succeeds with doubles	IH
Roll = batters SHC value	ROE-3
Fails on even roll	FC Lead R out, 1-6
Fails on odd roll	FC Lead R out, 3-6
Fails with doubles	Pop out, PODP 1-4

MIP Modifiers

Condition	Penalty/Bonus
Starter allows 5 or more runs	-1 to MIP, -1 grade level
Starter allows 2 or less runs	+1 to MIP
Starter allows 8 or more runs	Must be removed
Reliever allows 3 or more runs	Must be removed

H & R Modifiers

+5 to batters roll (ignore this if pitcher mod is applied)	
+4 to white die on all ground out rolls (maximum value is 9)	
100% chance the base runner takes an extra base on a hit	

OUTS

0   1   2

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Date:				1	2	3	4	5	6	7	8	9	10	R	H	E	LOB	GDP	BB
Away																			
Home																			

Opp Pitcher throws:
Opp Catchers AR:

Randomizer>> Odd: Red
Even: Blue

SB points left 4 3 2 1 0

Pine Tar Scorecard

Def Chks 11, 22, 66, 88

Game Start: Opp Pitcher Grade:

Hit & Run's left 2 1 0

Pitch Chks: 0, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50

	Fld	Arm	BR	Player	1	2	3	4	5	6	7	8	9	10	R	H	2B	3B	HR	RBI
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				

10th batter/inn

Game Totals:

W	L	SV	SVO	CG	GF	Pitcher	ER	ERA	AVG	WHIP	H	R	HR	BB	SO	HLD	TBF	IP	HB	WP	NP