



OAKLAND				SEATTLE				TEXAS				TORONTO				ADDITIONAL E-RATINGS		
PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT			
a Chitren, S.	5	6		a Bankhead, S.	0	0		a Alexander, G.	4	6		a Acker, J.	0	18				
a Darling, R.	4	8		DeLucia, R.	0	12		a Barfield, J.	10	0	P-51	* Candiotti, T.	0	10			Bell, J.	SS-64
Eckersley, D.	0	2		Hanson, E.	2	18		a Boyd, O.	5	0		Guzman, J.	0	16			Belle, A.	RF-18
Hawkins, A.	4	1		Holman, B.	2	8		* Brown, K.	5	12		* Henke, T.	0	4			Bradley, S.	3B-65
Klink, J.	0	14		Jackson, M.	0	7		Guzman, J.	2	10		* Key, J.	0	0			Ducey, R.	RF-25
* Moore, M.	0	15		* Johnson, R.	3	12		Jeffcoat, M.	0	7		a MacDonald, B.	6	3			Hollins, D.	3B-39
a Show, E.	6	8	P-51	a Jones, C.	0	20		Rogers, K.	3	5	P-40	* Stottlemire, T.	0	3			Lopez, L.	3B-65
Skusarski, J.	0	7		Krueger, B.	2	12		a Rosenthal, W.	4	20		a Timin, M.	0	10			Lopez, L.	LF-25
* Stewart, D.	0	11		a Murphy, R.	0	18	P-51	Russell, J.	0	17		Ward, D.	0	13			Manto, J.	LF-25
* Welch, B.	3	2		a Swan, R.	0	20		Ryan, N.	0	11		Wells, D.	6	11			Marshall, M.	RF-21
a Young, C.	5	5		Swift, B.	5	4	P-48	Witt, B.	0	18		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>			Reimer, K.	RF-19
<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Borders, P.	0-0	5			Stanley, M.	LF-25
Quirk, J.	0-3	0	3B-65	Bradley, S.	0-0	0	1B-30+	Petralli, G.	2-1	0	3B-65	Myers, G.	0-0	3			Winningham, H.	CF-21
Steinbach, T.	2-2	1	1B-30	Valle, D.	0-2	5		Rodriguez, I.	0-1	3		<u>INFIELDERS</u>					Yelding, E.	RF-25
<u>INFIELDERS</u>				<u>INFIELDERS</u>				Stanley, M.	0-0	0	3B-65+	Alomar, R.	5B-11					
Blankenship, L.	12-3			Davis, A.	0-3			<u>INFIELDERS</u>				Gonzales, R.	0-0					
Bordick, M.	3-4		2B-68	Martinez, E.	0-3			a Buechele, S.	0-4			Gruber, K.	12-7					
Gallego, M.	6-9			a Martinez, T.	0-0			Diaz, M.	0-1			Lee, M.	7-2					
Jacoby, B.	2-1			O'Brien, P.	0-1		LF-19	Franco, J.	36-9			Mulliniks, R.	0-0					
a Law, V.	0-0		LF-25	Reynolds, H.	28-8			a Hernandez, J.	0-1			Olerud, J.	0-2					
McGwire, M.	2-1			Schaefer, J.	3-1			Huson, J.	8-3			a Sprague, E.	0-3	0	3B-65			
Riles, E.	3-2			Vizquel, O.	7-2			Palmeiro, R.	4-3			Tabler, P.	0-0		1B-26			
a Weiss, W.	6-0			<u>OUTFIELDERS</u>				Palmer, D.	0-2		LF-25	<u>OUTFIELDERS</u>						
<u>OUTFIELDERS</u>				Briley, G.	23-11		3B-65	<u>OUTFIELDERS</u>				Carter, J.	20-9					
Baines, H.	0-1			Buhner, J.	0-1			a Daugherty, J.	1-0			Maldonado, C.	4-0					
a Brosius, S.	3-1			Cochrane, D.	0-1	20	3B-65	Downing, B-DHonly1-1				a Parker, D.-DH only	3-3					
Canseco, J.	26-6			a Cotto, H.	16-3			Gonzalez, J.	4-4			a Snyder, C.	0-0		3B-65			
Henderson, D.	6-6		2B-71	Griffey Jr., K.	18-6			Pettis, G.	29-13			a Ward, T.	0-0					
Henderson, R.	5B-18			Jones, T.	2-0			Reimer, K.	0-3		LF-19+	White, D.	33-10					
Wilson, W.	20-5			a Powell, A.	0-2			Sierra, R.	16-4			Wilson, M.	11-3					

For most realistic league play, when possible, allow only pitchers preceded by an asterisk to start once every four games (3 game rest between starts). All other starting pitchers should start once every 5 games (4 game rest between starts). We also suggest that all players be restricted to their actual number of at bats or innings pitched. The following six players do not have a team name on their cards. You must write in the team name. Below are the players mentioned, teams played for and number of games played. A dot (•) after one of the team names denotes where the player is listed on the roster sheet. If there is no dot, player can be found in the additional players. Players designated as "additional players" have a small "a" listed to the left of their name.

Damon Berryhill - Chicago (N.L.)	- 62	- Atlanta•	- 1	Dave Parker - California	- 119	- Toronto•	- 13
Mike Bielecki - Chicago (N.L.)	- 39	- Atlanta•	- 2	Tony Perezchica - San Francisco	- 23	- Cleveland	- 17
Ron Darling - New York (N.L.)	- 17	- Montreal•	- 3	Dan Petry - Detroit	- 17	- Atlanta - 10	- Boston• - 13

E-RAT denotes Super Advanced Error Rating if applicable.

+ means an additional Super Advanced Error Rating is found after Toronto.

1991 SEASON STRAT-O-MATIC 26 TEAM and ADDITIONAL PLAYERS BASEBALL ROSTERS

NATIONAL LEAGUE

ATLANTA				CHICAGO				CINCINNATI				HOUSTON				LOS ANGELES			
PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1
Avery, S.	2	4		Assenmacher, P.	0	8		Armstrong, J.	3	2		a Bowen, R.	4	20	P-40	a Belcher, T.	0	7	
a Berenguer, J.	0	0		a Boskie, S.	3	1		* Browning, T.	2	2		a Corsi, J.	4	2		a Candalaria, J.	11	6	
a Blelecki, M.	0	7		Castillo, F.	3	10		Charlton, N.	0	20		* Deshaies, J.	10	0		a Crews, T.	4	8	
Clancy, J.	0	20		a Jackson, D.	4	2		Dibble, R.	0	14		* Harnisch, P.	3	4		Gott, J.	13	18	
* Glavine, T.	3	9		Lancaster, L.	4	2		a Gross, K.	4	12		Henry, D.	0	17		a Gross, K.	0	5	
* Leibrandt, C.	4	4		* Maddux, G.	4	4		a Hammond, C.	0	6		a Hernandez, X.	0	0		Hershiser, O.	12	3	
Mercker, K.	4	12		McElroy, C.	0	1		Myers, R.	3	2		Jones, J.	0	6		Howell, J.	0	0	
Pena, A.	8	2		Scanlan, B.	3	9		Power, T.	4	15		Kile, D.	9	6		* Martinez, R.	0	5	
a Smith, P.	20	4		Slocumb, H.	0	20		* Rijo, J.	7	1		Osuna, A.	5	7		McDowell, R.	0	3	P-43
* Smoltz, J.	3	20		a Smith, Da.	10	5		Scudder, S.	0	15		Portugal, M.	2	5		* Morgan, M.	0	5	
Stanton, M.	0	0		Sutcliffe, R.	6	4		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Schilling, C.	5	11		Ojeda, B.	3	4	
<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Oliver, J.	0-0	5		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>	
a Berryhill, D.	1-2	8		a Girardi, J.	0-0	2		Reed, J.	0-1	3		Biggio, C.	19-6	3	2B-68	Carter, G.	2-2	2	
Heath, M.	0-0	7		Villanueva, H.	0-0	3		<u>INFELDERS</u>				Servais, S.	0-0	0		Sciocchia, M.	4-3	1	
Olson, G.	1-1	1		Wilkins, R.	3-3	4		a Benavides, F.	1-0			<u>INFELDERS</u>				<u>INFELDERS</u>			
<u>INFELDERS</u>				<u>INFELDERS</u>				a Benzinger, T.	2-0			Bagwell, J.	7-4			Griffin, A.	5-4		
Belliard, R.	3-1			Dunston, S.	21-6			Doran, B.	5-4			Caminiti, K.	4-5			a Hamilton, J.	0-0		SS-88
Blausser, J.	5-6		3B-44	Grace, M.	3-4			Duncan, M.	5-4			Candaele, C.	9-3			a Hansen, D.	1-0		
a Bream, S.	0-3			Salazar, R.	0-3		1B-30	Larkin, B.	24-6			Codeno, A.	4-3			Harris, L.	12-3		SS-68
a Cabrera, F.	1-1	10	1B-30	Sandberg, R.	22-8			a Martinez, C.	0-0		1B-30	Ramirez, R.	3-3			Murray, E.	10-3		3B-50
Hunter, B.	0-2			a Scott, G.	0-1			Morris, H.	10-4		LF-25	a Tolentino, J.	0-0			a Offerman, J.	3-2		
Lemke, M.	1-2		3B-65	Vizcaino, J.	2-1		2B-68	Quinones, L.	1-2			a Yelding, E.	11-9		CF-25+	Samuel, J.	23-8		
Pendleton, T.	10-2			Walker, C.	13-5			Sabo, C.	19-6			<u>OUTFIELDERS</u>				Sharperson, M.	1-3		1B-30
Treadway, J.	2-2			<u>OUTFIELDERS</u>				<u>OUTFIELDERS</u>				a Anthony, E.	1-0			<u>OUTFIELDERS</u>			
<u>OUTFIELDERS</u>				Bell, G.	2-6			Braggs, G.	11-3			Davidson, M.	0-0			Butler, B.	38-28		
Gant, R.	34-15			Dascenzo, D.	14-7			Davis, E.	14-2			Finley, S.	34-18			Daniels, K.	6-1		
Justice, D.	8-8			Dawson, A.	4-5			Hatcher, B.	11-9			Gonzalez, L.	10-7			Gwynn, C.	1-0		
a Mitchell, K.	3-1			a Landrum, C.	27-5			a Jones, C.	2-1			a Rhodes, K.	2-2			Javier, S.	7-1		1B-30
Nixon, O.	72-21			a Smith, Dw.	2-3			O'Neill, P.	12-7			Simms, M.	1-0		RF-25	Strawberry, D.	10-8		
Smith, L.	9-5			Walton, J.	7-3			a Winingham, H.	4-4		LF-21+	Young, G.	16-5			a Webster, M.	0-1		

MONTREAL				NEW YORK				PHILADELPHIA				PITTSBURGH				ST. LOUIS			
PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1	PITCHERS	BK	WP	ERA1
Barnes, B.	2	6		Burke, T.	0	6		Boever, J.	3	13		Belinda, S.	0	5		Agosto, J.	0	15	
a Boyd, O.	8	3		* Cone, D.	1	16		Cox, D.	3	15		* Drabek, D.	0	4		a Carpenter, C.	0	3	
a Darling, R.	10	20	P-51	a Fernandez, S.	0	0		DeJesus, J.	0	11		a Heaton, N.	4	0		a Cormier, R.	6	6	
Fassero, J.	0	17		Franco, J.	0	20		Greene, T.	2	9		a Kipper, B.	5	0	P-48	DeLeon, J.	2	0	
Gardner, M.	2	2		Gooden, D.	3	5		Hartley, M.	7	20		Landrum, B.	9	8		a Fraser, W.	0	18	
a Haney, C.	0	20		Innis, J.	0	11		* Mulholland, T.	0	2		a Palacios, V.	9	16		Hill, K.	2	8	
Jones, B.	4	2	P-48	Schourek, P.	0	1		a Ritchie, W.	0	4		a Patterson, B.	0	0		a McClure, B.	0	0	
* Martinez, D.	0	2		a Simons, D.	0	11		Ruffin, B.	0	7		* Smiley, J.	2	2		Olivares, O.	2	3	
Nabholz, C.	2	4		* Viola, F.	2	5		Williams, M.	4	9	P-50	* Smith, Z.	0	0		Smith, B.	2	3	
a Rojas, M.	0	14		Whitehurst, W.	11	4		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Tomlin, R.	6	2		Smith, L.	0	2	
Ruskin, S.	0	17		a Young, A.	0	4		Daulton, D.	5-0	0		Walk, B.	6	20		Terry, S.	0	0	
Sampan, B.	3	6		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		a Fletcher, D.	0-1	0		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Tewksbury, B.	0	0	
<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>		Cerone, R.	1-1	3		Lake, S.	0-0	4		LaValliere, M.	2-1	2		<u>CATCHERS</u>	<u>SB-CS</u>	<u>PR</u>	
Fitzgerald, M.	4-2	0		a Hundley, T.	0-0	1		<u>INFELDERS</u>				Slaight, D.	1-0	1	3B-65	Gedman, R.	0-1	4	
Haasey, R.	1-1	4		a O'Brien, C.	0-2	1		Backman, W.	3-2			<u>INFELDERS</u>				Pagnozzi, T.	9-13	2	
Reyes, G.	2-4	6		Sasser, M.	0-2	4		Hayes, C.	3-3		SS-88	Bell, J.	10-6			<u>INFELDERS</u>			
a Santovenia, N.	0-0	14		<u>INFELDERS</u>				a Hollins, D.	1-1		1B-30+	a Buechele, S.	0-1			a Alicea, L.	0-1		
<u>INFELDERS</u>				a Donnels, C.	1-1			Jordan, R.	0-2			a King, J.	3-1			Guerrero, P.	4-2		1B-26
a Barberie, B.	0-0		SS-60	Elster, K.	2-3			Kruk, J.	7-0			Lind, J.	7-4			Quendo, J.	1-2		
DeShields, D.	56-23			Jeter, G.	26-5		3B-41	Morandini, M.	13-2			Merced, O.	8-4			a Pena, G.	15-5		
Foley, T.	2-0		3B-65	Johnson, H.	30-16			Ready, R.	2-1			Redus, G.	17-3		OF-25	Perry, G.	15-8		
Galarraga, A.	5-6			Magadan, D.	1-1			Thon, D.	11-5			a Wehner, J.	3-0			Smith, O.	35-9		
a Noboa, J.	2-3			Miller, K.	14-4		SS-88	<u>OUTFIELDERS</u>				Wikerson, C.	2-1			Wilson, C.	0-0		3B-47
Owen, S.	2-6			Templeton, G.	3-2			a Castillo, B.	1-1			<u>OUTFIELDERS</u>				Zeile, T.	17-11		
Wallach, T.	2-4			<u>OUTFIELDERS</u>				Chamberlain, W.	9-4			Bonds, B.	43-13			<u>OUTFIELDERS</u>			
<u>OUTFIELDERS</u>				Boston, D.	15-8			a Dykstra, L.	24-4			Bonilla, B.	2-4			Gilkey, B.	14-8		
Calderson, I.	31-16			Brooks, H.	3-1			a Hayes, V.	9-2			a Espy, C.	4-0			a Hudler, R.	12-8		
Griesom, M.	76-17			Carreon, M.	2-1			a Linderman, J.	0-1			McClendon, L.	2-1	0		Jose, F.	20-12		
Martinez, D.	16-7			a Coleman, V.	37-14			a Morris, J.	2-0			Van Slyke, A.	10-3			Lankford, R.	44-20		
Walker, L.	14-9			McReynolds, K.	6-6			Murphy, D.	1-0			Varsho, G.	9-2			Thompson, M.	16-9		

**SAN DIEGO**

**SAN FRANCISCO**

**MIXED PLAYER GROUP**

**81 ADDITIONAL PLAYERS**

SAN DIEGO			SAN FRANCISCO			MIXED PLAYER GROUP			81 ADDITIONAL PLAYERS										
PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT	PITCHERS	BK	WP	ERAT
* Benes, A.	7	2		* Black, B.	10	6		a Beck, R.	0	0		Akerfelds, D.	0	16		Neison, G.	0	0	
a Bones, R.	0	16		Branley, J.	0	13		a Bohanon, B.	5	10		Andersen, L.	0	4		Nolta, E.	12	8	
Harris, G.	0	3		* Burkett, J.	0	5		a Cary, C.	5	7	P-51	Ashby, A.	0	20		Piatt, D.	0	6	
* Hurst, B.	2	4		Downs, K.	3	7		a Combs, P.	0	20		Bannister, F.	0	8		Poole, J.	0	11	
Lefferts, C.	5	9		a McClellan, P.	0	16		a Eiland, D.	0	0		Beasley, C.	0	17		Remlinger, M.	11	12	P-42
Maddux, M.	0	12		Oliveras, F.	10	5		a Grimsley, J.	0	20		Blair, W.	0	5		Reynoso, A.	0	18	
Melendez, J.	9	7		Righetti, D.	5	2		a Hickerson, B.	0	8		Brantley, C.	0	13	P-46	Rhodes, A.	0	10	
a Peterson, A.	7	20		Robinson, D.	0	1		a Jones, D.	0	2		Barba, D.	0	5		Rice, P.	0	0	
Rasmussen, D.	2	0		Wilson, T.	6	5		a Kamieniecki, S.	0	3		Campbell, K.	0	0		St. Claire, R.	0	20	
Rodriguez, R.	4	11						a Kilgus, P.	0	6	P-47	Capel, M.	0	0		Sanford, M.	0	20	
a Whitson, E.	4	2		<b>CATCHERS</b>	<b>SB-CS</b>	<b>PB</b>		a Mahler, M.	0	2		Carman, D.	0	11		Schooler, M.	10	13	
				a Kennedy, T.	0-0	0		a Mathews, T.	0	20		Castillo, T.	0	0		Searcy, S.	11	6	
<b>CATCHERS</b>	<b>SB-CS</b>	<b>PB</b>		Manwaring, K.	1-1	0		a Smith, R.	4	8		Chiamperino, S.	0	0		York, M.	0	11	
Lampkin, T.	0-0	4		<b>INFIELDERS</b>				a Stieb, D.	0	0		Clark, M.	0	20		<b>CATCHERS</b>	<b>SB-CS</b>	<b>PB</b>	
Santiago, B.	8-10	2	LF-25	Anderson, D.	2-4		3B-65	<b>INFIELDERS</b>	<b>SB-CS</b>	<b>PB</b>		Costello, J.	0	12		Nichols, C.	0-0	5	
				a Benjamin, M.	3-0			a Gregg, T.	2-2			Crawford, S.	0	20		Salas, M.	0-0	0	
<b>INFIELDERS</b>				Clark, W.	4-2			a Marshall, M.	0-0		1B-28+	Drahman, B.	0	0	P-48	Taubensee, E.	0-0	9	
a Faries, P.	3-1			a Herr, T.	9-2		CF-25	a Mota, A.	2-0			Dressendorfer, K.	0	18		Whitt, E.	0-0	2	
Fernandez, T.	23-9			a Litton, G.	0-2	0		a Oberkfell, K.	0-0		3B-65	Edens, T.	0	6		<b>INFIELDERS</b>			
a Howell, J.	0-0			Thompson, R.	14-7			a Thome, J.	1-1		3B-65	Edwards, W.	0	15		Berry, S.	0-0		
McGriff, F.	4-1			Uribe, J.	3-4			a Worthington, C.	0-1			Fraser, W.	0	15		Booker, R.	0-0		
Roberts, B.	26-11			Williams, M.	5-5			<b>OUTFIELDERS</b>				Freeman, M.	0	20		Disarcina, G.	0-0		SS-76
Shiple, C.	0-1		SS-88	<b>OUTFIELDERS</b>				a Allred, B.	2-2			Frey, S.	8	15		Kittie, L.	0-0		1B-30
Teufel, T.	9-3			Bass, K.	7-4			a Bullock, E.	6-1		1B-30	Gardner, C.	0	0	P-51	McKnight, J.	1-0		
<b>OUTFIELDERS</b>				Felder, M.	21-6			3B-65	a Griffey Sr., K.	0-0		Gossage, G.	0	17		McLemore, M.	0-1		
a Abner, S.	0-0			a Kingery, M.	1-0			a Lofton, K.	2-1			Harkey, M.	0	11		Naehring, T.	0-0		
Clark, J.	2-1			a Leonard, M.	0-1			a Ortiz, J.	0-0			Heredia, G.	0	7		Perezchica, T.	0-1		
Gwynn, T.	8-8			Lewis, D.	13-7			a Sanders, D.	11-3		OF-18	Higuera, T.	0	0	P-40	Presley, J.	0-1		
Howard, T.	10-7			McGee, W.	17-9			a Williams, K.	2-1			Hill, M.	0	6		Rohde, D.	0-0		
Jackson, D.	5-3			Mitchell, K.	2-3							Honeycutt, R.	0	0		Rose, B.	0-0		
a Ward, K.	1-4											Johnston, J.	0	0		Sorrento, P.	0-0		
												Kiecker, D.	13	14		Walling, D.	0-0		
												Knudson, M.	0	5		<b>OUTFIELDERS</b>			
												LaCoss, M.	0	8		Azocar, O.	2-0		LF-25
												Layana, T.	0	20	P-51	Ducey, R.	2-0		LF-25+
												Mallicoat, R.	0	9	P-51	Gonzalez, J.	0-0		
												Mason, R.	0	16		Howitt, D.	0-0		
												Minutelli, G.	0	20		Humphreys, M.	2-0		3B-50
												Monteleone, R.	8	4		Kirby, K.	1-2		
												Moyer, J.	9	13		Mercedes, L.	0-0		
												Neagle, D.	0	10		Romine, K.	1-1		
																Sanders, R.	1-1		
																Vanderwal, J.	0-0		

There are ten players with cards in both leagues. Listed below are the players and the games played with each team. Statistics will vary according to performance for each team. Last team mentioned is team of record at season's end.

Shawn Abner	- San Diego	- 53	- California	- 41
Todd Benzinger	- Cincinnati	- 51	- Kansas City	- 78
Oil Can Boyd	- Montreal	- 19	- Texas	- 12
Steve Buechele	- Texas	- 121	- Pittsburgh	- 31
Ron Darling	- NY (NL) - Mont	- 20	- Oakland	- 12
Willie Fraser	- Toronto	- 13	- St. Louis	- 35
Jose Gonzalez	- LA - Pitt	- 58	- Cleveland	- 33
Jack Howell	- California	- 32	- San Diego	- 58
Carmelo Martinez	- Kansas City	- 44	- Pitt - Cinc	- 64
Steve Searcy	- Detroit	- 16	- Philadelphia	- 18

1991 SEASON AMERICAN LEAGUE — BALL PARK EFFECT  
TEAM BALL PARK SINGLES

TEAM	LINEOUTS	FLYBALLS
<b>Baltimore</b>	L Single* 1-4 Lineout (2b) 5-20 R Single* 1-6 Lineout (ss) 7-20	L Homerun 1-9 Flyball (rf) B 10-20 R Homerun 1-9 Flyball (lf) B 10-20
<b>Boston</b>	L Single* 1-18 Lineout (2b) 19-20 R Single* 1-15 Lineout (ss) 16-20	L Homerun 1-8 Flyball (rf) B 9-20 R Homerun 1-12 Flyball (lf) B 13-20
<b>Cleveland</b>	L Single* 1-11 Lineout (2b) 12-20 R Single* 1-11 Lineout (ss) 12-20	L Homerun 1 Flyball (rf) B 2-20 R Homerun 1 Flyball (lf) B 2-20
<b>Detroit</b>	L Single* 1-3 Lineout (2b) 4-20 R Single* 1-2 Lineout (ss) 3-20	L Homerun 1-16 Flyball (rf) B 17-20 R Homerun 1-13 Flyball (lf) B 14-20
<b>Milwaukee</b>	L Single* 1-5 Lineout (2b) 6-20 R Single* 1-5 Lineout (ss) 6-20	L Homerun 1-8 Flyball (rf) B 9-20 R Homerun 1-8 Flyball (lf) B 9-20
<b>New York (AL)</b>	L Single* 1-12 Lineout (2b) 13-20 R Single* 1-6 Lineout (ss) 7-20	L Homerun 1-13 Flyball (rf) B 14-20 R Homerun 1-10 Flyball (lf) B 11-20
<b>Toronto</b>	L Single* 1-11 Lineout (2b) 12-20 R Single* 1-11 Lineout (ss) 12-20	L Homerun 1-16 Flyball (rf) B 17-20 R Homerun 1-16 Flyball (lf) B 17-20
<b>California</b>	L Single* 1-2 Lineout (2b) 3-20 R Single* 1-4 Lineout (ss) 5-20	L Homerun 1-14 Flyball (rf) B 15-20 R Homerun 1-14 Flyball (lf) B 15-20
<b>Chicago (AL)</b>	L Single* 1-8 Lineout (2b) 9-20 R Single* 1-8 Lineout (ss) 9-20	L Homerun 1-5 Flyball (rf) B 6-20 R Homerun 1-5 Flyball (lf) B 6-20
<b>Kansas City</b>	L Single* 1-10 Lineout (2b) 11-20 R Single* 1-10 Lineout (ss) 11-20	L Homerun 1-2 Flyball (rf) B 3-20 R Homerun 1-2 Flyball (lf) B 3-20
<b>Minnesota</b>	L Single* 1-12 Lineout (2b) 13-20 R Single* 1-12 Lineout (ss) 13-20	L Homerun 1-11 Flyball (rf) B 12-20 R Homerun 1-11 Flyball (lf) B 12-20
<b>Oakland</b>	L Single* 1-4 Lineout (2b) 5-20 R Single* 1-4 Lineout (ss) 5-20	L Homerun 1-5 Flyball (rf) B 6-20 R Homerun 1-5 Flyball (lf) B 6-20
<b>Seattle</b>	L Single* 1-8 Lineout (2b) 9-20 R Single* 1-8 Lineout (ss) 9-20	L Homerun 1-9 Flyball (rf) B 10-20 R Homerun 1-9 Flyball (lf) B 10-20
<b>Texas</b>	L Single* 1-4 Lineout (2b) 5-20 R Single* 1-10 Lineout (ss) 11-20	L Homerun 1-12 Flyball (rf) B 13-20 R Homerun 1-12 Flyball (lf) B 13-20

SUPER ADVANCED VERSION

◆ **BALL PARK EFFECT - HOMERUNS** — Ignore all readings that have a ◆ to the left of it. Instead, read the results found underneath the ◆ symbol of the ball park effects card. To obtain results, refer to the appropriate home stadium and the batting stance (L=lefty or R=righty) of the hitter. As in the advanced version, players with weak power (W) may not hit homeruns. In this situation, change all homerun results to single\*\*.

△--Refer to the second reading (in italics) under the number. Ignore the initial reading.

**Ball park results (American and National Leagues) are based on a three year study. However, results for teams with revised ball park dimensions and extreme weather conditions are only based on present data.** (over)

1991 SEASON SUPER-ADVANCED WEATHER EFFECTS  
AMERICAN LEAGUE

TEAM	JUN/JUL/AUG		APR/MAY/SEP/OCT		WEATHER	SINGLE		HOMERUN	
	DAY	NIGHT	DAY	NIGHT		LFT / RT	RT / LFT	LFT / RT	RT / LFT
<b>Baltimore</b>	1-10 11-17 18-20	1-7 8-17 18-20	1-10 11-16 17-20	1-6 7-16 17-20	GOOD AVG BAD	5/7 4/6 2/4	5/7 4/6 2/4	10/10 9/9 7/7	
<b>Boston</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-8 9-15 16-20	1-4 5-13 14-20	GOOD AVG BAD	20/17 17/14 16/13	20/17 17/14 16/13	10/14 8/12 5/9	
<b>Cleveland</b>	1-11 12-17 18-20	1-6 7-17 18-20	1-6 7-12 13-20	1-3 4-11 12-20	GOOD AVG BAD	13/13 10/10 10/10	13/13 10/10 10/10	2/2 1/1 0/0	
<b>Detroit</b>	1-13 14-17 18-20	1-7 8-17 18-20	1-6 7-14 15-20	1-3 4-12 13-20	GOOD AVG BAD	5/4 2/1 2/1	5/4 2/1 2/1	18/15 16/13 14/11	
<b>Milwaukee</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-6 7-13 14-20	1-3 4-12 13-20	GOOD AVG BAD	7/7 5/5 3/3	7/7 5/5 3/3	11/11 7/7 6/6	
<b>New York (AL)</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-9 10-15 16-20	1-5 6-14 15-20	GOOD AVG BAD	13/7 12/6 11/5	13/7 12/6 11/5	14/11 13/10 11/8	
<b>Toronto</b>	1-11 12-19 20	1-6 7-19 20	1-20 —	— 1-20 —	GOOD AVG BAD	12/12 11/11 10/10	12/12 11/11 10/10	17/17 16/16 15/15	
<b>California</b>	1-14 15-19 20	1-8 9-19 20	1-11 12-19 20	1-7 8-19 20	GOOD AVG BAD	2/4 2/4 1/3	2/4 2/4 1/3	15/15 13/13 13/13	
<b>Chicago (AL)</b>	1-11 12-17 18-20	1-7 8-17 18-20	1-7 8-14 15-20	1-3 4-13 14-20	GOOD AVG BAD	10/10 8/8 6/6	10/10 8/8 6/6	7/7 5/5 2/2	
<b>Kansas City</b>	1-11 12-18 19-20	1-8 9-18 19-20	1-8 9-16 17-20	1-5 6-16 17-20	GOOD AVG BAD	12/12 9/9 7/7	12/12 9/9 7/7	4/4 1/1 0/0	
<b>Minnesota</b>	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	GOOD AVG BAD	15/15 N/A N/A	15/15 N/A N/A	11/11 N/A N/A	
<b>Oakland</b>	1-9 10-18 19-20	1-5 6-17 18-20	1-7 8-17 18-20	1-2 3-15 16-20	GOOD AVG BAD	5/5 4/4 1/1	5/5 4/4 1/1	7/7 5/5 2/2	
<b>Seattle</b>	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	GOOD AVG BAD	8/8 N/A N/A	8/8 N/A N/A	9/9 N/A N/A	
<b>Texas</b>	1 2-5 6-20	1-8 9-19 20	1-13 14-18 19-20	1-8 9-18 19-20	GOOD AVG BAD	5/11 3/9 2/8	5/11 3/9 2/8	13/13 12/12 9/9	

The procedure to determine the weather is done only once - before the start of the game.  
Note that a range of 0 indicates an automatic out. A range of 20 indicates an automatic hit. If a ball park reference falls outside the range then assume the following types or outs:

- BP Single left handed-batter - Lineout (2b)
- BP Single right handed-batter - Lineout (ss)
- BP Homerun left handed-batter - Flyball (rf) B
- BP Homerun right handed-batter - Flyball (lf) B

1991 SEASON NATIONAL LEAGUE — BALL PARK EFFECT

TEAM	BALL PARK SINGLES	BALL PARK HOMERUNS
<b>Chicago (NL)</b>	L Single* 1-15 Lineout (2b) 16-20 R Single* 1-13 Lineout (ss) 14-20	L Homerun 1-16 Flyball (rf) B 17-20 R Homerun 1-16 Flyball (lf) B 17-20
<b>Montreal</b>	L Single* 1-7 Lineout (2b) 8-20 R Single* 1-7 Lineout (ss) 8-20	L Homerun 1-6 Flyball (rf) B 7-20 R Homerun 1-6 Flyball (lf) B 7-20
<b>New York (NL)</b>	L Single* 1-8 Lineout (2b) 9-20 R Single* 1-5 Lineout (ss) 6-20	L Homerun 1-8 Flyball (rf) B 9-20 R Homerun 1-8 Flyball (lf) B 9-20
<b>Philadelphia</b>	L Single* 1-8 Lineout (2b) 9-20 R Single* 1-8 Lineout (ss) 9-20	L Homerun 1-9 Flyball (rf) B 10-20 R Homerun 1-9 Flyball (lf) B 10-20
<b>Pittsburgh</b>	L Single* 1-5 Lineout (2b) 6-20 R Single* 1-5 Lineout (ss) 6-20	L Homerun 1-8 Flyball (rf) B 9-20 R Homerun 1-8 Flyball (lf) B 9-20
<b>St. Louis</b>	L Single* 1-8 Lineout (2b) 9-20 R Single* 1-8 Lineout (ss) 9-20	L Homerun 1-4 Flyball (rf) B 5-20 R Homerun 1-4 Flyball (lf) B 5-20
<b>Atlanta</b>	L Single* 1-13 Lineout (2b) 14-20 R Single* 1-13 Lineout (ss) 14-20	L Homerun 1-12 Flyball (rf) B 13-20 R Homerun 1-12 Flyball (lf) B 13-20
<b>Cincinnati</b>	L Single* 1-9 Lineout (2b) 10-20 R Single* 1-9 Lineout (ss) 10-20	L Homerun 1-16 Flyball (rf) B 17-20 R Homerun 1-16 Flyball (lf) B 17-20
<b>Houston</b>	L Single* 1-10 Lineout (2b) 11-20 R Single* 1-10 Lineout (ss) 11-20	L Homerun 1 Flyball (rf) B 2-20 R Homerun 1 Flyball (lf) B 2-20
<b>Los Angeles</b>	L Single* 1-4 Lineout (2b) 5-20 R Single* 1-9 Lineout (ss) 10-20	L Homerun 1-6 Flyball (rf) B 7-20 R Homerun 1-6 Flyball (lf) B 7-20
<b>San Diego</b>	L Single* 1-4 Lineout (2b) 5-20 R Single* 1-4 Lineout (ss) 5-20	L Homerun 1-14 Flyball (rf) B 15-20 R Homerun 1-14 Flyball (lf) B 15-20
<b>San Francisco</b>	L Single* 1-6 Lineout (2b) 7-20 R Single* 1-6 Lineout (ss) 7-20	L Homerun 1-8 Flyball (rf) B 9-20 R Homerun 1-8 Flyball (lf) B 9-20

SUPER ADVANCED VERSION

In order to play the Super Advanced Version ALL symbols to the left of the numbers must be used. If you prefer to play the Advanced Version only, read the cards in the usual manner ignoring all symbols to the left of the numbers and all second readings.

Ω **CLUTCH HITTING** — Occurs only in two-out situations in which one or more runners are in scoring position (occupying second or third base). When such a situation exists, and a reading is rolled that has a horseshoe symbol to the left of it, the results of the reading are reversed in the following manner: If the reading results in any type of an out, automatically reverse it to a SINGLE\*\*; if the reading results in a single, automatically reverse it to a popout.

▼ **BALL PARK EFFECT - SINGLES** — Ignore all readings that have a ▼ to the left of it. Instead, read the results found underneath the ▼ symbol of the ball park effects card. To obtain results, refer to the appropriate home stadium and the batting stance (L=left or R=right) of the hitter. Most likely, you will select a split card to determine the final outcome. (over)

1991 SEASON SUPER-ADVANCED WEATHER EFFECTS

NATIONAL LEAGUE

TEAM	JUN/JUL/AUG		APR/MAY/SEP/OCT		WEATHER	SINGLE LFT / RT	HOMERUN LFT / RT
	DAY	NIGHT	DAY	NIGHT			
<b>Chicago (NL)</b>	1-11 12-17 18-20	1-6 7-17 18-20	1-8 9-14 15-20	1-4 5-13 14-20	GOOD AVG BAD	17/15 14/12 12/10	20/20 15/15 10/10
<b>Montreal</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-10 11-16 17-20	1-6 7-16 17-20	GOOD AVG BAD	8/8 7/7 4/4	7/7 6/6 3/3
<b>New York (NL)</b>	1-11 12-17 18-20	1-7 8-17 18-20	1-9 10-16 17-20	1-6 7-16 17-20	GOOD AVG BAD	10/7 7/4 7/4	10/10 7/7 6/6
<b>Philadelphia</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-10 11-16 17-20	1-6 7-16 17-20	GOOD AVG BAD	10/10 7/7 6/6	12/12 7/7 7/7
<b>Pittsburgh</b>	1-11 12-17 18-20	1-7 8-17 18-20	1-8 9-14 15-20	1-4 5-14 15-20	GOOD AVG BAD	7/7 4/4 3/3	10/10 8/8 6/6
<b>St. Louis</b>	1-8 9-17 18-20	1-7 8-17 18-20	1-9 10-16 17-20	1-6 7-15 16-20	GOOD AVG BAD	10/10 8/8 5/5	6/6 4/4 1/1
<b>Atlanta</b>	1-11 12-16 17-20	1-7 8-16 17-20	1-11 12-17 18-20	1-6 7-17 18-20	GOOD AVG BAD	14/14 13/13 11/11	13/13 12/12 10/10
<b>Cincinnati</b>	1-12 13-17 18-20	1-7 8-17 18-20	1-9 10-16 17-20	1-5 6-16 17-20	GOOD AVG BAD	11/11 8/8 7/7	18/18 15/15 14/14
<b>Houston</b>	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	1-20 N/A N/A	GOOD AVG BAD	10/10 N/A N/A	1/1 N/A N/A
<b>Los Angeles</b>	1-13 14-19 20	1-8 9-19 20	1-12 13-19 20	1-7 8-19 20	GOOD AVG BAD	4/9 4/9 3/8	7/7 5/5 5/5
<b>San Diego</b>	1-12 13-19 20	1-7 8-19 20	1-9 10-18 19-20	1-4 5-18 19-20	GOOD AVG BAD	4/4 4/4 3/3	16/16 13/13 13/13
<b>San Francisco</b>	1-10 11-19 20	1-6 7-19 20	1-7 8-16 17-20	1-2 3-14 15-20	GOOD AVG BAD	8/8 6/6 3/3	10/10 8/8 3/3

This chart may be used in place of the ball park effect chart for those who wish to play with weather effects. To use this chart, first locate the home teams' section of the chart. Then reference 1 of the 4 sections based on the month the game is played and whether this is a day game or a night game. Pick a split card and reading down find the range that the split card falls in. At this point look across the chart to the weather section which will indicate the weather conditions (good, average or bad). To the right of the weather conditions are ballpark effects numbers for this type of weather.

For instance, a day game is to be played at Pittsburgh during July. Say you picked split # 14. Reading down the chart (in the JUN/JUL/AUG DAY section) the range this split falls into is 12-17. Now read across to the WEATHER section which indicates that the weather conditions are AVG for this game; the ballpark singles range would be 1-4 and the ballpark homerun range would be 1-8 (for both left and right handed batters).