

1993 SEASON STRAT-O-MATIC 28 TEAM AND ADDITIONAL PLAYERS BASEBALL ROSTERS

AMERICAN LEAGUE

BALTIMORE

PITCHERS **ERAT**
 FROHWIRTH, T.
 * McDONALD, B.
 MILLS, A. P-43
 MOYER, J.
 MUSSINA, M.
 OLSON, G.
 POOLE, J.
 RHODES, A.
 SUTCLIFFE, R.
 VALENZUELA, F.
 WILLIAMSON, M.
CATCHERS
 HOILES, C.
 TACKETT, J.
INFIELDERS
 CAREY, P.
 GOMEZ, L.
 HULETT, T.
 PAGLIARULO, M.
 REYNOLDS, H.
 RIPKEN, C.
 SEGUJ, D.
OUTFIELDERS
 ANDERSON, B.
 BAINES, H.-DH ONLY
 BUFORD, D.
 DEVEREAUX, M.
 McEMORE, M. 3B-65
 OBANDO, S.
 VOIGT, J.

BOSTON

PITCHERS **ERAT**
 BANKHEAD, S.
 CLEMENS, R.
 * DARWIN, D.
 DOPSON, J.
 FOSSAS, T.
 HARRIS, G. P-39
 HESKETH, J.
 QUANTRILL, P.
 RUSSELL, J.
 RYAN, K.
 SELE, A. P-51
 VIOLA, F.
CATCHERS
 MELVIN, B.
 PENA, T.
INFIELDERS
 COOPER, S.
 FLETCHER, S.
 NAEHRING, T.
 QUINTANA, C.
 RILES, E. 1B-30
 RIVERA, L.
 VALENTIN, J.
 VAUGHN, M.
OUTFIELDERS
 DAWSON, A.
 DEER, R.
 GREENWELL, M.
 HATCHER, B. 2B-71
 ZUPCIC, B.

CALIFORNIA

PITCHERS **ERAT**
 FARRELL, J.
 * FINLEY, C.
 FREY, S.
 GRAHE, J.
 HATHAWAY, H.
 * LANGSTON, M.
 LEFTWICH, P.
 PATTERSON, K.
 SANDERSON, S.
 SPRINGER, R.
CATCHERS
 MYERS, G.
 ORTON, J. LF-25
 TINGLEY, R.
 TURNER, C.
INFIELDERS
 CORREIA, R.
 DISARCINA, G.
 EASLEY, D.
 EDMONDS, J.
 GONZALES, R. 3B-41
 LOVULLO, T.
 PEREZ, E.
 SNOW, J.T.
OUTFIELDERS
 CURTIS, C.
 DAVIS, C.-DH ONLY
 JAVIER, S. 1B-30
 POLONIA, L.
 SALMON, T.

CHICAGO

PITCHERS **ERAT**
 * ALVAREZ, W.
 BELCHER, T.
 BERE, J.
 * FERNANDEZ, A.
 HERNANDEZ, R.
 McCASKILL, K.
 * McDOWELL, J.
 PALL, D. P-51
 RADINSKY, S.
 SCHWARZ, J.
CATCHERS
 FISK, C.
 KARKOVIC, R.
 LaVALLIERE, M.
INFIELDERS
 CORA, J.
 GREBECK, C. 3B-39
 GUILLEN, O.
 PASQUA, D.
 SAX, S.
 THOMAS, F.
 VENTURA, R.
OUTFIELDERS
 BELL, G.-DH ONLY
 BURKS, E.
 CALDERON, I.
 HUFF, M.
 JACKSON, B.
 JOHNSON, L.
 RAINES, T.

CLEVELAND

PITCHERS **ERAT**
 BIELECKI, M.
 CLARK, M.
 DIPOTO, J. P-51
 GRIMSLEY, J.
 HERNANDEZ, J.
 KRAMER, T.
 LILLIQUIST, D.
 * MESA, J.
 MUTIS, J.
 PLUNK, E.
 WERTZ, B.
 YOUNG, M.
CATCHERS
 ALOMAR, S.
 ORTIZ, J.
INFIELDERS
 BAERGA, C.
 ESPINOZA, A. 1B-30 2B-71
 FERMIN, F.
 JEFFERSON, R.
 MARTINEZ, C. 1B-30
 SORRENTO, P.
 THOME, J.
 TREADWAY, J. 2B-44
OUTFIELDERS
 BELLE, A.
 HILL, G. LF-21 RF-21
 HOWARD, T.
 KIRBY, W.
 LOFTON, K.

DETROIT

PITCHERS **ERAT**
 BERGMAN, S.
 BOEVER, J.
 BOLTON, T.
 DAVIS, S.
 DOHERTY, J. P-39
 GROOM, B. P-39
 GULLICKSON, B.
 HENNEMAN, M.
 KRUEGER, B.
 LEITER, M.
 MacDonald, B.
 * MOORE, M.
 WELLS, D.
CATCHERS
 KREUTER, C.
 TETTLETON, M.
INFIELDERS
 BARNES, S. 1B-27 SS-88
 FIELDER, C.
 FRYMAN, T.
 GOMEZ, C.
 LIVINGSTONE, S.
 TRAMMELL, A. LF-21 CF-21
 WHITAKER, L.
OUTFIELDERS
 CUYLER, M.
 GIBSON, K.
 GLADDEN, D.
 PHILLIPS, T. 3B-65
 THURMAN, G. OF-17

KANSAS CITY

PITCHERS **ERAT**
 * APPIER, K.
 BREWER, B. P-51
 * CONE, D.
 GARDNER, M.
 GORDON, T.
 GUBICZA, M.
 HABYAN, J.
 HANEY, C.
 MAGNANTE, M.
 MONTGOMERY, J.
 PICHARDO, H.
CATCHERS
 MACFARLANE, M.
 MAYNE, B.
INFIELDERS
 BRETT, G.-DH ONLY
 GAETTI, G.
 GAGNE, G. 3B-41
 HIATT, P.
 JOYNER, W.
 LIND, J.
 MILLER, K. 2B-71 3B-44
 ROSSY, R.
 WILSON, C.
OUTFIELDERS
 BROOKS, H.
 GWYNN, C.
 JOSE, F.
 McRAE, B.
 McREYNOLDS, K.

MILWAUKEE

PITCHERS **ERAT**
 * BONES, R.
 * ELDRED, C.
 FETTERS, M.
 HENRY, D.
 LLOYD, G.
 MIRANDA, A.
 * NAVARRO, J.
 NOVOA, R.
 OROSCO, J.
 WEGMAN, B.
CATCHERS
 KMAK, J.
 LAMPKIN, T. LF-25 RF-25
 NILSSON, D.
INFIELDERS
 BELL, J. CF-25 RF-25
 JAHA, J. 3B-65
 LISTACH, P.
 SEITZER, K.
 SPIERS, B.
 SURHOFF, B.J.
 THON, D.
 VALENTIN, J. SS-56
OUTFIELDERS
 BRUNANSKY, T.
 HAMILTON, D.
 MIESKE, M. CF-25 RF-25
 REIMER, K.
 VAUGHN, G.
 YOUNT, R.

MINNESOTA

PITCHERS **ERAT**
 AGUILERA, R.
 BANKS, W. P-51
 CASIAN, L.
 DESHAIES, J.
 * ERICKSON, S.
 GUARDADO, E.
 HARTLEY, M.
 * TAPANI, K.
 * TROMBLEY, M.
 TSAMIS, G.
 WILLIS, C.
CATCHERS
 HARPER, B.
 WEBSTER, L.
INFIELDERS
 HALE, C. 1B-30 SS-88
 HRBEK, K.
 JORGENSEN, T. 1B-30
 KNOBLAUCH, C.
 MEARES, P.
 REBOULET, J.
 STAHOVIAK, S. 3B-41
OUTFIELDERS
 BRITO, B.
 LARKIN, G. 3B-65
 MACK, S.
 McCARTY, D.
 MUNOZ, P.
 PUCKETT, K.
 WINFIELD, D.

NEW YORK

PITCHERS **ERAT**
 * ABBOTT, J.
 FARR, S.
 HOWE, S.
 JEAN, D.
 KAMIENIECKI, S.
 * KEY, J.
 MONTELEONE, R.
 MUNOZ, B.
 PEREZ, M.
 WICKMAN, B.
 WITT, M.
CATCHERS
 NOKES, M.
 STANLEY, M.
INFIELDERS
 BOGGS, W.
 GALLEGRO, M.
 KELLY, P.
 LEYRITZ, J.
 MAAS, K. 1B-30
 MATTINGLY, D.
 MEULENS, H. 3B-38
 OWEN, S.
 VELARDE, R. LF-25 CF-25
OUTFIELDERS
 JAMES, D.
 O'NEILL, P.
 TARTABULLI, D.
 WILLIAMS, B.
 WILLIAMS, G. OF-19

OAKLAND

PITCHERS	ERAT
DARLING, R.	
DOWNES, K.	
ECKERSLEY, D.	
GOSSAGE, G.	
HILLEGAS, S.	
HONEYCUTT, R.	
KARSAY, S.	
MOHLER, M.	
NUNEZ, E.	
VAN POPPEL, T.	
WELCH, B.	
* WITT, B.	
CATCHERS	
HEMOND, S.	2B-68
STEINBACH, T.	1B-26
INFIELDERS	
ABBOTT, K.	
ALDRETE, M.	
BORDICK, M.	
GATES, B.	
NEEL, T.	1B-29
PAQUETTE, C.	
SVEUM, D.	1B-30 LF-25
OUTFIELDERS	
BLANKENSHIP, L.	
BROSIUS, S.	SS-80
BROWNE, J.	1B-30 3B-53
HENDERSON, D.	
LYDY, S.	
SIERRA, R.	

SEATTLE

PITCHERS	ERAT
BOSIO, C.	
CHARLTON, N.	
DeLUCIA, R.	
FLEMING, D.	
* HANSON, E.	
* JOHNSON, R.	
LEARY, T.	
NELSON, J.	
POWELL, D.	
POWER, T.	
CATCHERS	
HASELMAN, B.	RF-25
VALLE, D.	
INFIELDERS	
AMARAL, R.	
BLOWERS, M.	
BOONE, B.	
LITTON, G.	
MAGADAN, D.	
MARTINEZ, E.	
MARTINEZ, T.	
O'BRIEN, P.	
VIZQUEL, O.	
OUTFIELDERS	
BUHNER, J.	
COTTO, H.	
FELDER, M.	3B-47
GRIFFEY JR., K.	
SASSER, M.	LF-19
TURANG, B.	3B-65

TEXAS

PITCHERS	ERAT
BOHANON, B.	
* BROWN, K.	
BURNS, T.	P-44
HENKE, T.	
LEFFERTS, C.	
LEIBRANDT, C.	
NELSON, G.	
PATTERSON, B.	
PAVLIK, R.	
* ROGERS, K.	
RYAN, N.	P-41
WHITESIDE, M.	P-39
CATCHERS	
PETRALLI, G.	3B-65
RODRIGUEZ, I.	
INFIELDERS	
DIAZ, M.	
FRANCO, J.-DH ONLY	
LEE, M.	
PALMEIRO, R.	
PALMER, D.	
STRANGE, D.	
OUTFIELDERS	
DASCENZO, D.	
DAVIS, B.	OF-18
DUCEY, R.	
GONZALEZ, J.	
HULSE, D.	
PELTIER, D.	LF-18
REDUS, G.	1B-30 2B-71

TEXAS

PITCHERS	ERAT
CASTILLO, T.	
COX, D.	
EICHHORN, M.	
* GUZMAN, J.	
* HENTGEN, P.	
LEITER, A..	
MORRIS, J.	
STEWART, D.	
STOTTLEMYRE, T.	
TIMLIN, M.	
WARD, D.	
CATCHERS	
BORDERS, P.	
KNORR, R.	
INFIELDERS	
ALOMAR, R.	
FERNANDEZ, T.	
GRIFFIN, A.	
MOLITOR, P.	
OLERUD, J.	
SCHOFIELD, D.	
SPRAGUE, E.	
OUTFIELDERS	
CANATE, W.	
CARTER, J.	
COLES, D.	3B-44
HENDERSON, R.	
JACKSON, D.	
WARD, T.	
WHITE, D.	

The following pitchers have different running ratings and some have supplementary steal ratings:			
Astacio (LA) 1-12	E	2-12	- 3-1
Avery (Atl) 1-14		-	-
Barnes (Mont) 1-13		-	-
Bautista (Chi-NL) 1-13		-	-
Bottenfield (Colo) 1-12	D	4	- 20-6
Bowen (Fla) 1-14		-	-
Brocaill (SD) 1-14	C	4-6	- 20-6
Browning (Cin) 1-12		-	-
Castillo (Chi-NL) 1-12		-	-
Cooke (Pitt) 1-13		-	-
Cormier (St. L) 1-12		-	-
Darling (Oak) 1-13		-	-
DeLeon (Phil) 1-12		-	-
Drabek (Hou) 1-12		-	-
Glavine (Atl) 1-14		-	-
Gooden (NY-NL) 1-14		-	-
Greene (Phil) 1-13		-	-
Hammond (Fla) 1-12		-	-
Haney (KC) 1-13		-	-
Hanson (Sea) 1-12		-	-
Harnisch (Hou) 1-14		-	-
Hershiser (LA) 1-14	E	2-12	- 3-1
Hibbard (Chi-NL) 1-12		-	-
Hill (Mont) 1-13		-	-
Jackson (Phil) 1-12		-	-
Jones, T (Hou) 1-12		-	-
Langston (Cal) 1-13		-	-
Maddux (Atl) 1-14		-	-
Martinez, R (LA) 1-13		-	-
McElroy (Chi-NL) 1-12		-	-
Morgan (Chi-NL) 1-12		-	-
Neagle (Pitt) 1-13		-	-
Nelson (Tex) 1-13		-	-
Nied (Colo) 1-13		-	-
Olivares (St. L) 1-14		-	-
Osborne (St. L) 1-14		-	-
Portugal (Hou) 1-12		-	-
Reynosa (Colo) 1-12		-	-
Rijo (Cin) 1-13		-	-
Saberhagen (NY-NL) 1-12		-	-
Schourek (NY-NL) 1-13		-	-
Smith (Colo) 1-12	D	4	- 20-6
Smith (Pitt) 1-12		-	-
Smoltz (Atl) 1-14	D	3-6	10 13-6
Swift (SF) 1-14		-	-
Tanana (NY-NL) 1-12	E	2-12	- 3-1
Tomlin (Pitt) 1-13		-	-
Wakefield (Pitt) 1-13		-	-
Whitehurst (SD) 1-12		-	-
Wilson (SF) 1-13	E	3	- 20-6
Young (NY-NL) 1-12		-	-

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 players have different fielding ratings in the basic and advanced games: Batiste(Phil.), Benavides(Colo.), Cooper(Bos.), Easley(Cal.), Gilkey(St. L), Harris(LA), Johnson(Chi-AL), Kent(NY-NL), Morandini(Phil.), Palmer(Tex), Reed(LA), Sanders (Cinc.) and Vaughn(Milw.).

PLEASE NOTE THAT A 20 SIDED DIE IS NOW USED IN LIEU OF THE DOUBLE SPLIT DECK. PLEASE USE THIS DIE IN ALL SITUATIONS THAT NORMALLY CALL FOR THE SPLIT DECK.

E-RAT denotes Super Advanced Error Rating if applicable.

There are seventeen 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.

Tim Belcher	Cincinnati	-22	Chicago (AL)	-12	Thomas Howard	Cleveland	-74	Cincinnati	-38
Juan Bell	Philadelphia	-24	Milwaukee	-91	Darrin Jackson	Toronto	-46	New York (NL)	-31
Todd Burns	Texas	-25	St. Louis	-24	Dave Magadan	Florida	-66	Seattle	-71
Cris Carpenter	Florida	-29	Texas	-27	Joe Magrane	St. Louis	-22	California	-8
Henry Cotto	Seattle	-54	Florida	-54	Candy Maldonado	Chicago(NL)	-70	Cleveland	-28
Eric Davis	Los Angeles	-108	Detroit	-23	Randy Milligan	Cincinnati	-83	Cleveland	-19
Tony Fernandez	New York (NL)	-48	Toronto	-94	Scott Sanderson	California	-21	San Francisco	-11
Jeremy Hernandez	San Diego	-21	Cleveland	-49	Kurt Stillwell	San Diego	-57	California	-22
Glenallen Hill	Cleveland	-66	Chicago (NL)	-31					

NATIONAL LEAGUE

ATLANTA

PITCHERS **ERAT**
 * AVERY, S.
 BEDROSIAN, S.
 * GLAVINE, T.
 HOWELL, J.
 * MADDUX, G.
 McMICHAEL, G.
 MERCKER, K.
 SMITH, P.
 * SMOLTZ, J.
 STANTON, M.
 WOHLERS, M.
CATCHERS
 BERRYHILL, D.
 OLSON, G.
INFIELDERS
 BELLIARD, R.
 BLAUSER, J.
 BREAM, S.
 CABRERA, F.
 HUNTER, B.
 LEMKE, M.
 McGRIFF, F.
 PECOTA, B.
 PENDLETON, T.
OUTFIELDERS
 GANT, R.
 JUSTICE, D.
 NIXON, O.
 SANDERS, D.
 TARASCO, T.

HOUSTON

PITCHERS **ERAT**
 * DRABEK, D.
 EDENS, T.
 * HARNISCH, P.
 HERNANDEZ, X.
 JONES, D.
 JONES, T.
 KILE, D.
 OSUNA, A. P-51
 * PORTUGAL, M.
 SWINDELL, G.
 WILLIAMS, B.
CATCHERS
 SERVAIS, S.
 TAUBENSEE, E.
 TUCKER, S.
INFIELDERS
 BAGWELL, J.
 BIGGIO, C.
 CAMINITI, K.
 CANDAELE, C. SS-60 OF-21
 CEDENO, A.
 DONNELLS, C. 3B-47
 URIBE, J.
OUTFIELDERS
 ANTHONY, E.
 BASS, K.
 FINLEY, S.
 GONZALEZ, L.
 JAMES, C.
 PARKER, R.

CHICAGO

PITCHERS **ERAT**
 BAUTISTA, J.
 BOSKIE, S.
 CASTILLO, F.
 GUZMAN, J. P-46
 HARKEY, M.
 HBBARD, G.
 McELROY, C.
 * MORGAN, M.
 MYERS, R.
 PLESAC, D.
 SCANLAN, B.
CATCHERS
 LAKE, S.
 WILKINS, R.
INFIELDERS
 BUECHELE, S.
 GRACE, M.
 JENNINGS, D.
 SANCHEZ, R.
 SANDBERG, R.
 VIZCAINO, J.
 YELDING, E. SS-88 CF-88
OUTFIELDERS
 MALDONADO, C. LF-25 RF-25
 MAY, D.
 RHODES, K.
 ROBERSON, K.
 SMITH, D. OF-19
 SOSA, S.
 WILSON, W.

LOS ANGELES

PITCHERS **ERAT**
 ASTACIO, P.
 * CANDIOTTI, T.
 DAAL, O.
 GOTT, J.
 * GROSS, K.
 * HERSHISER, O.
 MARTINEZ, P.
 * MARTINEZ, R. P-51
 McDOWELL, R.
 TRLICEK, R.
 WORRELL, T.
CATCHERS
 HERNANDEZ, C.
 PIAZZA, M. 1B-30
INFIELDERS
 HANSEN, D.
 HARRIS, L. SS-88 RF-25
 KARRROS, E.
 OFFERMAN, J.
 REED, J.
 SHARPERSON, M. 1B-27 2B-50 3B-65
 WALLACH, T.
OUTFIELDERS
 BUTLER, B.
 DAVIS, E.
 MONDESI, R. OF-21
 RODRIGUEZ, H.
 SNYDER, C. SS-88
 STRAWBERRY, D. LF-25 RF-25
 WEBSTER, M.

CINCINNATI

PITCHERS **ERAT**
 AYALA, B. P-51
 BELCHER, T.
 BROWNING, T.
 DIBBLE, R.
 LUEBBERS, L.
 PUGH, T.
 REARDON, J. P-47
 * RIJO, J.
 ROPER, J.
 SMILEY, J.
 SPRADLIN, J.
CATCHERS
 OLIVER, J. RF-25
 WILSON, D.
INFIELDERS
 BRANSON, J.
 LARKIN, B.
 MILLIGAN, R. LF-25
 MORRIS, H.
 ROBERTS, B. LF-25 CF-25
 SABO, C.
 SAMUEL, J. LF-25 RF-25
OUTFIELDERS
 BRUMFIELD, J. 2B-71
 HOWARD, T.
 KELLY, B.
 MITCHELL, K.
 SANDERS, R.
 TUBBS, G.
 VARSHO, G.

MONTREAL

PITCHERS **ERAT**
 BARNES, B.
 FASSERO, J.
 HENRY, B.
 HEREDIA, G.
 HILL, K.
 * MARTINEZ, D.
 NABHOLZ, C.
 ROJAS, M.
 RUETER, K.
 SCOTT, T.
 SHAW, J. P-51
 WETTELAND, J.
CATCHERS
 FLETCHER, D.
 SPEHR, T.
INFIELDERS
 BERRY, S. 3B-65
 BOLICK, F.
 COLBRUNN, G. 3B-65
 CORDERO, W.
 DeSHIELDS, D.
 LANSING, M.
 MARRERO, O.
 READY, R. 1B-30
OUTFIELDERS
 ALOU, M. 1B-30
 FRAZIER, L.
 GRISSOM, M.
 VANDERWAL, J.
 WALKER, L.

COLORADO

PITCHERS **ERAT**
 BLAIR, W.
 BOTTENFIELD, K.
 * HARRIS, G.
 HOLMES, D.
 LESKANIC, C.
 NIED, D.
 PARRETT, J.
 REED, S.
 REYNOSO, A. P-46
 RUFFIN, B.
 WAYNE, G.
CATCHERS
 GIRARDI, J.
 SHEAFFER, D. 3B-65 LF-25
INFIELDERS
 BENAVIDES, F. 1B-30
 CASTELLANO, P.
 CASTILLA, V.
 GALARRAGA, A.
 HAYES, C.
 LIRIANO, N.
 MEJIA, R.
 TATUM, J. 1B-30 3B-47 LF-25
 YOUNG, E.
OUTFIELDERS
 BICHETTE, D.
 BOSTON, D.
 CLARK, J. 1B-26
 COLE, A.
 JONES, C.

NEW YORK

PITCHERS **ERAT**
 FERNANDEZ, S.
 FRANCO, J.
 GOODEN, D.
 HILLMAN, E. P-40
 INNIS, J.
 MADDUX, M.
 SABERHAGEN, B.
 SCHOUREK, P.
 TANANA, F.
 TELGHEDER, D.
 YOUNG, A. P-43
CATCHERS
 HUNDLEY, T.
 O'BRIEN, C.
INFIELDERS
 BAEZ, K. 3B-41
 BOGAR, T.
 FERNANDEZ, T.
 JOHNSON, H.
 KENT, J. 3B-44 SS-88
 McKNIGHT, J. 2B-62 3B-65
 MURRAY, E.
 WALKER, C. 3B-44 LF-22
OUTFIELDERS
 BONILLA, B. 1B-30
 BURNITZ, J.
 COLEMAN, V.
 GALLAGHER, D.
 ORSULAK, J.
 THOMPSON, R.

FLORIDA

PITCHERS **ERAT**
 AQUINO, L.
 ARMSTRONG, J.
 BOWEN, R.
 HAMMOND, C.
 HARVEY, B.
 * HOUGH, C.
 KLINK, J.
 LEWIS, R.
 RAPP, P.
 RODRIGUEZ, R.
 TURNER, M.
 WEATHERS, D.
CATCHERS
 NATAL, B.
 SANTIAGO, B. LF-25
INFIELDERS
 ARIAS, A.
 BARBERIE, B.
 DESTRADE, O.
 MAGADAN, D.
 RENTERIA, R. LF-25
 SHEFFIELD, G. 3B-44
 WEISS, W.
OUTFIELDERS
 BRILEY, G.
 CARR, C.
 CONINE, J.
 COTTO, H.
 FELIX, J. CF-20 RF-20
 WHITMORE, D.

PHILADELPHIA

PITCHERS **ERAT**
 ANDERSEN, L.
 DeLEON, J.
 * GREENE, T.
 * JACKSON, D.
 MASON, R.
 MULHOLLAND, T.
 RIVERA, B.
 * SCHILLING, C.
 WEST, D. P-48
 WILLIAMS, M.
 WILLIAMS, MK.
CATCHERS
 DAULTON, D.
 PRATT, T.
INFIELDERS
 BATISTE, K. SS-56
 BELL, J. SS-76
 DUNCAN, M.
 HOLLINS, D.
 JORDAN, R.
 KRUK, J.
 MORANDINI, M.
 STOCKER, K.
OUTFIELDERS
 AMARO, R.
 CHAMBERLAIN, W.
 DYKSTRA, L.
 EISENREICH, J.
 INCAVIGLIA, P.
 THOMPSON, M.

PITTSBURGH

PITCHERS **ERAT**
 BALLARD, J.
 BELINDA, S.
 * COOKE, S.
 JOHNSTON, J.
 MINOR, B.
 NEAGLE, D.
 OTTO, D.
 SMITH, Z.
 TOMLIN, R.
 WAGNER, P.
 WAKEFIELD, B. P-46
 WALK, B.
CATCHERS
 PRINCE, T.
 SLAUGHT, D.
INFIELDERS
 BELL, J.
 FOLEY, T. 1B-30 SS-76
 GARCIA, C.
 KING, J. 2B-71 SS-60
 YOUNG, K.
OUTFIELDERS
 BULLETT, S.
 CLARK, D.
 MARTIN, A.
 McCLENDON, L.
 MERCED, O.
 SMITH, L.
 TOMBERLIN, A.
 VAN SLYKE, A.

ST. LOUIS

PITCHERS **ERAT**
 AROCHA, R.
 CORMIER, R.
 LANCASTER, L.
 MAGRANE, J.
 MURPHY, R. P-48
 OLIVARES, O.
 OSBORNE, D.
 PEREZ, M.
 SMITH, L.
 * TEWKSBURY, B.
 WATSON, A.
CATCHERS
 PAGNOZZI, T.
 PAPPAS, E.
INFIELDERS
 ALICEA, L.
 BREWER, R.
 JEFFERIES, G.
 JONES, T.
 OQUEENDO, J.
 PENA, G.
 PERRY, G. 1B-30
 SMITH, O.
 WOODSON, T. 1B-29 3B-50
 ZEILE, T.
OUTFIELDERS
 GILKEY, B.
 JORDAN, B.
 LANKFORD, R.
 WHITEN, M.

SAN DIEGO

PITCHERS **ERAT**
 ASHBY, A.
 * BENES, A.
 BROCAIL, D.
 DAVIS, M. P-42
 HARRIS, G.
 HOFFMAN, T.
 MAUSER, T.
 SEMINARA, F. P-51
 TAYLOR, K.
 WHITEHURST, W.
 WORRELL, T.
CATCHERS
 AUSMUS, B.
 GEREN, B.
 HIGGINS, K.
INFIELDERS
 CIANFROCCO, A.
 CLARK, P. 1B-30
 GARDNER, J. 3B-65 SS-88
 GUTIERREZ, R.
 SHIPLEY, C.
 STILLWELL, K. SS-60
 TEUFEL, T. 1B-30
 VELASQUEZ, G.
OUTFIELDERS
 BEAN, B. 1B-29
 BELL, D. 3B-65
 BROWN, J.
 GWYNN, T.
 PLANTIER, P.

SAN FRANCISCO

PITCHERS **ERAT**
 BECK, R.
 BLACK, B.
 BRANTLEY, J.
 BURBA, D.
 * BURKETT, J.
 HICKERSON, B.
 JACKSON, M.
 RIGHETTI, D.
 ROGERS, K.
 * SWIFT, B.
 TORRES, S.
 WILSON, T.
CATCHERS
 MANWARING, K.
 REED, J.
INFIELDERS
 BENJAMIN, M.
 BENZINGER, T. 3B-65
 CLARK, W.
 CLAYTON, R.
 FARIES, P. 3B-65 SS-52
 SCARSONE, S.
 THOMPSON, R.
 WILLIAMS, M.
OUTFIELDERS
 BONDS, B.
 CARREON, M. OF-17
 LEWIS, D.
 MARTINEZ, D.
 McGEE, W.

MIXED PLAYER GROUP

PITCHERS **ERAT**
 BODDICKER, M. P-51
 COOK, D. P-51
 HENRY, D.
 JONES, B.
 LOPEZ, A.
 MAGRANE, J.
 NAGY, C.
 SANDERS, S.
 SANDERSON, S.
 URBANI, T.
 VALERA, J.
 YOUNG, C.
CATCHERS
 LAKER, T.
 OWENS, J.
 WALTERS, D.
INFIELDERS
 COSTO, T.
 DAVIS, G.
 McGWIRE, M.
 RIPKEN, B. 3B-65
OUTFIELDERS
 CANSECO, J.
 DAVIS, E.
 HAMMONDS, J.
 HARRIS, D. OF-21
 HILL, G. LF-19 RF-19
 JACKSON, D.
 MALDONADO, C.
 WHITE, R.

99 ADDITIONAL PLAYERS

PITCHERS **ERAT**
 ASSENMACHER, P.
 AUSTIN, J.
 BOLTON, R.
 BOUCHER, D.
 BRONKEY, J.
 BRUMMETT, G.
 BULLINGER, J.
 BURNS, T.
 BUTCHER, M.
 CADARET, G.
 CARPENTER, C.
 CARPENTER, C.
 CUMMINGS, J. P-51
 DEWEY, M.
 DRAPER, M.
 DREYER, S.
 EILAND, D.
 FREDRICKSON, S.
 GARDINER, M.
 GIBSON, P.
 GOMEZ, P. P-46
 GUETTERMAN, L. P-51

HAAS, D.
 HERNANDEZ, J.
 HIGUERA, T.
 HILL, M. P-50
 HITCHCOCK, S.
 HOLMAN, B.
 HOPE, J.
 HORSMAN, V.
 IGNASIAK, M.
 JONES, J.
 KILGUS, P.
 KNUDSEN, K.
 LEWIS, S. P-51
 LINTON, D.
 MAHOMES, P.
 MALDONADO, C. P-39
 MARTINEZ, P. P-39
 MINCHEY, N. P-44
 NEN, R.
 OJEDA, B.
 PAINTER, L.
 PENNINGTON, B.

PETKOVSEK, M.
 RASMUSSEN, D.
 RUFFIN, J.
 SANFORD, M. P-51
 SERVICE, S.
 SMITH, B.
 SMITHBERG, R.
 TAVAREZ, J.
 THIGPEN, B.
 WICKANDER, K.
 WILLIAMS, W.
CATCHERS
 DORSETT, B.
 LEVIS, J.
 MERCEDES, H.
 PARENT, M.
 ROWLAND, R.
 VILLANUEVA, H.
INFIELDERS
 CEDENO, D.
 DAUGHERTY, J. LF-20 RF-20
 DORAN, B.

GAINER, J.
 GIL, B.
 GREENE, W.
 GRUBER, K. 3B-41
 HAMELIN, B.
 HUSKEY, B. 3B-41
 HUSON, J. 3B-65 SS-88
 LEWIS, M.
 LOPEZ, L.
 MILLIGAN, R.
 ROYER, S. 3B-65
 SAUNDERS, D.
 SHAVE, J. SS-88
 SOJO, L. 3B-65
 STATON, D.
 STILLWELL, K. 2B-47 SS-53
 VINA, F.
 WHITE, D.
OUTFIELDERS
 BAUTISTA, D.
 BUSH, R.
 BUTLER, R.

CARRILLO, M.
 DIAZ, A.
 ESPY, C. LF-25
 FOX, E.
 HOWITT, D.
 MURPHY, D.
 NEWFIELD, M. LF-18
 NEWSON, W.
 NIEVES, M. RF-25
 O'LEARY, T.
 POSE, S.
 PULLIAM, H.
 RAMIREZ, M.
 SHERMAN, D.
Additional E-Ratings
 SHARPERSON (LA) SS-88, RF-25

1993 SEASON AMERICAN LEAGUE — BALL PARK EFFECT
 BALL PARK SINGLES

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

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)

1993 SEASON SUPER-ADVANCED WEATHER EFFECTS
 AMERICAN LEAGUE

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

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 of 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

1993 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			
Chicago (NL)	1-11	1-6	1-6	1-3	GOOD AVG BAD	12/8 10/6 7/3	11/20 7/16 1/10
	12-17	7-17	7-13	4-11			
	18-20	18-20	14-20	12-20			
Florida	1	1-6	1-12	1-7	GOOD AVG BAD	15/7 14/6 12/4	10/10 8/8 6/6
	2-6	7-14	13-16	8-16			
	7-20	15-20	17-20	17-20			
Montreal	1-20	1-20	1-20	1-20	GOOD AVG BAD	10/4 N/A N/A	5/5 N/A N/A
	N/A	N/A	N/A	N/A			
	N/A	N/A	N/A	N/A			
New York (NL)	1-11	1-7	1-9	1-4	GOOD AVG BAD	8/8 7/7 5/5	10/8 7/5 6/4
	12-17	8-17	10-16	5-15			
	18-20	18-20	17-20	16-20			
Philadelphia	1-10	1-7	1-9	1-4	GOOD AVG BAD	10/10 7/7 6/6	16/7 12/3 11/2
	11-17	8-17	10-16	5-15			
	18-20	18-20	17-20	16-20			
Pittsburgh	1-12	1-7	1-7	1-3	GOOD AVG BAD	9/9 7/7 5/5	7/7 5/5 3/3
	13-17	8-17	8-14	4-14			
	18-20	18-20	15-20	15-20			
St. Louis	1-10	1-7	1-8	1-5	GOOD AVG BAD	9/9 7/7 4/4	7/7 5/5 2/2
	11-17	8-17	9-15	6-15			
	18-20	18-20	16-20	16-20			
Atlanta	1-9	1-7	1-11	1-7	GOOD AVG BAD	16/13 15/12 14/11	16/11 15/10 13/8
	10-16	8-16	12-17	8-17			
	17-20	17-20	18-20	18-20			
Cincinnati	1-12	1-7	1-7	1-4	GOOD AVG BAD	9/6 7/4 5/2	19/19 16/16 15/15
	13-17	8-17	8-15	5-14			
	18-20	18-20	16-20	15-20			
Colorado	1-13	1-8	1-7	1-4	GOOD AVG BAD	20/20 20/20 20/20	8/20 7/19 5/17
	14-18	9-18	8-16	5-15			
	19-20	19-20	17-20	16-20			
Houston	1-20	1-20	1-20	1-20	GOOD AVG BAD	2/5 N/A N/A	1/6 N/A N/A
	N/A	N/A	N/A	N/A			
	N/A	N/A	N/A	N/A			
Los Angeles	1-15	1-9	1-13	1-7	GOOD AVG BAD	12/9 12/9 11/8	6/6 4/4 4/4
	16-19	10-19	4-19	8-19			
	20	20	20	20			
San Diego	1-12	1-7	1-11	1-6	GOOD AVG BAD	2/8 2/8 1/7	16/16 14/14 14/14
	13-19	8-19	12-19	7-19			
	20	20	20	20			
San Francisco	1-11	1-7	1-8	1-4	GOOD AVG BAD	0/5 0/3 0/0	9/9 5/5 2/2
	12-19	8-10	9-18	5-8			
	20	11-20	19-20	9-20			

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 team's 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. Roll the 20 sided die and reading down find the range that the die 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 rolled a 14. Reading down the chart (in the JUN/JUL/AUG DAY section) the range this split falls into is 13-17. Now read across to the WEATHER section which indicates that the weather conditions are AVG for this game; the ballpark singles range would be 1-7 and the ballpark homerun range would be 1-5 (for both left and right handed batters).
The procedure to determine the weather is done only once - before the start of the game.

1993 SEASON NATIONAL LEAGUE — BALL PARK EFFECT

BALL PARK HOMERUNS



TEAM	BALL PARK SINGLES		BALL PARK HOMERUNS	
	▼	◆	▼	◆
Chicago (NL)	L Single* 1-10 Lineout (2b) 11-20	L Homerun 1-7 Flyball (rf) B 8-20	R Single* 1-6 Lineout (ss) 7-20	R Homerun 1-16 Flyball (lf) B 17-20
	L Single* 1-14 Lineout (2b) 15-20	L Homerun 1-8 Flyball (rf) B 9-20	R Single* 1-6 Lineout (ss) 7-20	R Homerun 1-8 Flyball (lf) B 9-20
Montreal	L Single* 1-10 Lineout (2b) 11-20	L Homerun 1-5 Flyball (rf) B 6-20	R Single* 1-4 Lineout (ss) 5-20	R Homerun 1-5 Flyball (lf) B 6-20
	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-8 Flyball (rf) B 9-20	R Single* 1-7 Lineout (ss) 8-20	R Homerun 1-6 Flyball (lf) B 7-20
Philadelphia	L Single* 1-8 Lineout (2b) 9-20	L Homerun 1-13 Flyball (rf) B 14-20	R Single* 1-8 Lineout (ss) 9-20	R Homerun 1-4 Flyball (lf) B 5-20
	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-5 Flyball (rf) B 6-20	R Single* 1-7 Lineout (ss) 8-20	R Homerun 1-5 Flyball (lf) B 6-20
Pittsburgh	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-5 Flyball (rf) B 6-20	R Single* 1-7 Lineout (ss) 8-20	R Homerun 1-5 Flyball (lf) B 6-20
	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-5 Flyball (rf) B 6-20	R Single* 1-7 Lineout (ss) 8-20	R Homerun 1-5 Flyball (lf) B 6-20
St. Louis	L Single* 1-15 Lineout (2b) 16-20	L Homerun 1-15 Flyball (rf) B 16-20	R Single* 1-12 Lineout (ss) 13-20	R Homerun 1-10 Flyball (lf) B 11-20
	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-17 Flyball (rf) B 18-20	R Single* 1-4 Lineout (ss) 5-20	R Homerun 1-17 Flyball (lf) B 18-20
Atlanta	L Single* 1-7 Lineout (2b) 8-20	L Homerun 1-7 Flyball (rf) B 8-20	R Single* 1-20	R Homerun 1-19 Flyball (lf) B 20
	L Single* 1-2 Lineout (2b) 3-20	L Homerun 1 Flyball (rf) B 2-20	R Single* 1-5 Lineout (ss) 6-20	R Homerun 1-6 Flyball (lf) B 7-20
Los Angeles	L Single* 1-12 Lineout (2b) 13-20	L Homerun 1-5 Flyball (rf) B 6-20	R Single* 1-9 Lineout (ss) 10-20	R Homerun 1-5 Flyball (lf) B 6-20
	L Single* 1-2 Lineout (2b) 3-20	L Homerun 1-15 Flyball (rf) B 16-20	R Single* 1-8 Lineout (ss) 9-20	R Homerun 1-15 Flyball (lf) B 16-20
San Diego	L Single* 1-20	L Homerun 1-6 Flyball (rf) B 7-20	R Single* 1-3 Lineout (ss) 4-20	R Homerun 1-6 Flyball (lf) B 7-20
	L Single* 1-20	L Homerun 1-6 Flyball (rf) B 7-20	R Single* 1-3 Lineout (ss) 4-20	R Homerun 1-6 Flyball (lf) B 7-20

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 popup.

▼ 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=lefty or R=righty) of the hitter. Most likely, you will select a split card to determine the final outcome.