

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1960	Chicago Cubs	Anderson, Bob	13.3	6
1960	Chicago Cubs	Cardwell, Don	8.3	4
1960	Chicago Cubs	Ellsworth, Dick	6.7	3
1960	Chicago Cubs	Hobbie, Glen	16.7	7
1960	Cincinnati Reds	Hook, Jay	5.0	2
1960	Cincinnati Reds	Maloney, Jim	1.7	1
1960	Cincinnati Reds	McLish, Cal	26.7	12
1960	Cincinnati Reds	Newcombe, Don	1.7	1
1960	Cincinnati Reds	O'Toole, Jim	5.0	2
1960	Cincinnati Reds	Purkey, Bob	13.3	5
1960	Los Angeles Dodgers	Craig, Roger	10.0	4
1960	Los Angeles Dodgers	Drysdale, Don	8.3	3
1960	Los Angeles Dodgers	Koufax, Sandy	18.3	8
1960	Los Angeles Dodgers	Podres, Johnny	1.7	1
1960	Los Angeles Dodgers	Williams, Stan	13.3	4
1960	Milwaukee Braves	Buhl, Bob	5.0	2
1960	Milwaukee Braves	Burdette, Lew	21.7	8
1960	Milwaukee Braves	Pizarro, Juan	6.7	3
1960	Milwaukee Braves	Spahn, Warren	11.7	5
1960	Milwaukee Braves	Willey, Carl	11.7	6
1960	Philadelphia Phillies	Buzhardt, John	1.7	1
1960	Philadelphia Phillies	Conley, Gene	6.7	3
1960	Philadelphia Phillies	Mahaffey, Art	3.3	1
1960	Philadelphia Phillies	Owens, Jim	15.0	8
1960	Philadelphia Phillies	Roberts, Robin	3.3	1
1960	Pittsburgh Pirates	Friend, Bob	1.7	1
1960	Pittsburgh Pirates	Haddix, Harvey	1.7	1
1960	San Francisco Giants	Jones, Sam	6.7	2
1960	San Francisco Giants	McCormick, Mike	10.0	3
1960	San Francisco Giants	O'Dell, Billy	31.7	11
1960	San Francisco Giants	Sanford, Jack	5.0	2
1960	St. Louis Cardinals	Jackson, Larry	8.3	3
1960	St. Louis Cardinals	Simmons, Curt	10.0	3
1960	Baltimore Orioles	Barber, Steve	15.0	5
1960	Baltimore Orioles	Brown, Hal	16.7	6
1960	Baltimore Orioles	Estrada, Chuck	18.3	7
1960	Baltimore Orioles	Pappas, Milt	5.0	2
1960	Baltimore Orioles	Walker, Jerry	18.3	8
1960	Boston Red Sox	Brewer, Tom	8.3	4
1960	Boston Red Sox	Delock, Ike	1.7	1
1960	Boston Red Sox	Monbouquette, Bill	8.3	3
1960	Boston Red Sox	Muffett, Billy	15.0	5
1960	Boston Red Sox	Sullivan, Frank	30.0	17
1960	Chicago White Sox	Pierce, Billy	3.3	1
1960	Chicago White Sox	Score, Herb	1.7	1
1960	Chicago White Sox	Shaw, Bob	6.7	3
1960	Chicago White Sox	Wynn, Early	1.7	1
1960	Cleveland Indians	Bell, Gary	8.3	4
1960	Cleveland Indians	Grant, Mudcat	23.3	11
1960	Cleveland Indians	Latman, Barry	18.3	8
1960	Cleveland Indians	Perry, Jim	8.3	3
1960	Detroit Tigers	Bunning, Jim	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1960	Detroit Tigers	Lary, Frank	3.3	1
1960	Detroit Tigers	Mossi, Don	1.7	1
1960	Kansas City Athletics	Daley, Bud	3.3	2
1960	Kansas City Athletics	Garver, Ned	21.7	9
1960	Kansas City Athletics	Hall, Dick	1.7	1
1960	Kansas City Athletics	Herbert, Ray	6.7	2
1960	Kansas City Athletics	Kucks, Johnny	23.3	16
1960	Kansas City Athletics	Larsen, Don	11.7	7
1960	New York Yankees	Coates, Jim	28.3	13
1960	New York Yankees	Ditmar, Art	10.0	3
1960	New York Yankees	Ford, Whitey	6.7	2
1960	New York Yankees	Terry, Ralph	20.0	8
1960	New York Yankees	Turley, Bob	16.7	6
1960	Washington Senators	Kralick, Jack	28.3	10
1960	Washington Senators	Pascual, Camilo	6.7	2
1960	Washington Senators	Ramos, Pedro	11.7	4
1961	Chicago Cubs	Cardwell, Don	1.7	1
1961	Chicago Cubs	Curtis, Jack	6.7	4
1961	Chicago Cubs	Ellsworth, Dick	10.0	4
1961	Chicago Cubs	Hobbie, Glen	11.7	6
1961	Cincinnati Reds	Hunt, Ken	11.7	5
1961	Cincinnati Reds	Johnson, Ken	6.7	2
1961	Cincinnati Reds	O'Toole, Jim	6.7	2
1961	Cincinnati Reds	Purkey, Bob	3.3	1
1961	Los Angeles Dodgers	Drysdale, Don	5.0	2
1961	Los Angeles Dodgers	Koufax, Sandy	11.7	5
1961	Los Angeles Dodgers	Podres, Johnny	5.0	2
1961	Los Angeles Dodgers	Williams, Stan	10.0	4
1961	Milwaukee Braves	Buhl, Bob	6.7	3
1961	Milwaukee Braves	Burdette, Lew	6.7	3
1961	Milwaukee Braves	Cloninger, Tony	15.0	9
1961	Milwaukee Braves	Hendley, Bob	10.0	4
1961	Milwaukee Braves	Spahn, Warren	6.7	2
1961	Milwaukee Braves	Willey, Carl	21.7	9
1961	Philadelphia Phillies	Buzhardt, John	23.3	12
1961	Philadelphia Phillies	Mahaffey, Art	6.7	3
1961	Philadelphia Phillies	Owens, Jim	5.0	2
1961	Philadelphia Phillies	Roberts, Robin	13.3	9
1961	Pittsburgh Pirates	Francis, Earl	13.3	6
1961	Pittsburgh Pirates	Friend, Bob	10.0	4
1961	Pittsburgh Pirates	Gibbon, Joe	1.7	1
1961	Pittsburgh Pirates	Haddix, Harvey	11.7	5
1961	Pittsburgh Pirates	Law, Vern	1.7	1
1961	Pittsburgh Pirates	Mizell, Vinegar Bend	13.3	7
1961	Pittsburgh Pirates	Sturdivant, Tom	3.3	1
1961	San Francisco Giants	Loes, Billy	13.3	6
1961	San Francisco Giants	Marichal, Juan	3.3	1
1961	San Francisco Giants	McCormick, Mike	8.3	3
1961	San Francisco Giants	Sanford, Jack	8.3	4
1961	St. Louis Cardinals	Broglio, Ernie	5.0	2
1961	St. Louis Cardinals	Gibson, Bob	13.3	5
1961	St. Louis Cardinals	Jackson, Larry	8.3	3

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1961	St. Louis Cardinals	Simmons, Curt	1.7	1
1961	Baltimore Orioles	Barber, Steve	5.0	2
1961	Baltimore Orioles	Brown, Hal	6.7	2
1961	Baltimore Orioles	Estrada, Chuck	3.3	1
1961	Baltimore Orioles	Fisher, Jack	18.3	8
1961	Baltimore Orioles	Pappas, Milt	5.0	2
1961	Boston Red Sox	Conley, Gene	5.0	3
1961	Chicago White Sox	Herbert, Ray	1.7	1
1961	Chicago White Sox	McLish, Cal	6.7	3
1961	Chicago White Sox	Pierce, Billy	18.3	8
1961	Chicago White Sox	Pizarro, Juan	23.3	8
1961	Chicago White Sox	Shaw, Bob	6.7	3
1961	Chicago White Sox	Wynn, Early	1.7	1
1961	Cleveland Indians	Hawkins, Wynn	15.0	7
1961	Detroit Tigers	Bunning, Jim	1.7	1
1961	Detroit Tigers	Foytack, Paul	20.0	9
1961	Detroit Tigers	Mossi, Don	1.7	1
1961	Kansas City Athletics	Archer, Jim	20.0	7
1961	Kansas City Athletics	Bass, Norm	28.3	15
1961	Kansas City Athletics	Daley, Bud	10.0	5
1961	Kansas City Athletics	Herbert, Ray	1.7	1
1961	Kansas City Athletics	Shaw, Bob	3.3	2
1961	Kansas City Athletics	Walker, Jerry	20.0	11
1961	Los Angeles Angels	Bowsfield, Ted	33.3	14
1961	Los Angeles Angels	Grba, Eli	16.7	8
1961	Los Angeles Angels	McBride, Ken	3.3	1
1961	Los Angeles Angels	Moeller, Ron	25.0	16
1961	Minnesota Twins	Kaat, Jim	11.7	5
1961	Minnesota Twins	Pascual, Camilo	3.3	1
1961	Minnesota Twins	Ramos, Pedro	13.3	6
1961	New York Yankees	Daley, Bud	10.0	4
1961	New York Yankees	Sheldon, Rollie	23.3	9
1961	New York Yankees	Stafford, Bill	18.3	5
1961	New York Yankees	Terry, Ralph	6.7	2
1961	New York Yankees	Turley, Bob	5.0	3
1961	Washington Senators	Daniels, Bennie	6.7	3
1961	Washington Senators	Donovan, Dick	1.7	0
1961	Washington Senators	Hobaugh, Ed	13.3	7
1961	Washington Senators	McClain, Joe	6.7	3
1961	Washington Senators	Sturdivant, Tom	8.3	4
1962	Chicago Cubs	Buhl, Bob	6.7	3
1962	Chicago Cubs	Cardwell, Don	20.0	11
1962	Chicago Cubs	Ellsworth, Dick	6.7	4
1962	Chicago Cubs	Hobbie, Glen	31.7	18
1962	Chicago Cubs	Koonce, Cal	8.3	4
1962	Cincinnati Reds	Jay, Joey	3.3	1
1962	Cincinnati Reds	Maloney, Jim	8.3	3
1962	Cincinnati Reds	O'Toole, Jim	3.3	1
1962	Houston Colt .45's	Bruce, Bob	8.3	4
1962	Houston Colt .45's	Brunet, George	10.0	5
1962	Houston Colt .45's	Farrell, Turk	23.3	8
1962	Houston Colt .45's	Johnson, Ken	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1962	Houston Colt .45's	Woodeshick, Hal	8.3	4
1962	Los Angeles Dodgers	Drysdale, Don	3.3	1
1962	Los Angeles Dodgers	Koufax, Sandy	3.3	1
1962	Los Angeles Dodgers	Moeller, Joe	6.7	4
1962	Los Angeles Dodgers	Richert, Pete	11.7	5
1962	Los Angeles Dodgers	Williams, Stan	20.0	10
1962	Milwaukee Braves	Burdette, Lew	30.0	16
1962	Milwaukee Braves	Cloninger, Tony	15.0	7
1962	Milwaukee Braves	Hendley, Bob	10.0	4
1962	Milwaukee Braves	Lemaster, Denny	8.3	3
1962	Milwaukee Braves	Shaw, Bob	15.0	5
1962	New York Mets	Craig, Roger	15.0	8
1962	New York Mets	Hook, Jay	5.0	3
1962	New York Mets	Jackson, Al	5.0	2
1962	New York Mets	Miller, Bob	20.0	11
1962	Philadelphia Phillies	Bennett, Dennis	11.7	5
1962	Philadelphia Phillies	Hamilton, Jack	25.0	14
1962	Philadelphia Phillies	Mahaffey, Art	3.3	1
1962	Philadelphia Phillies	McLish, Cal	13.3	6
1962	Philadelphia Phillies	Owens, Jim	18.3	13
1962	Pittsburgh Pirates	Francis, Earl	21.7	7
1962	Pittsburgh Pirates	Friend, Bob	5.0	2
1962	Pittsburgh Pirates	Haddix, Harvey	13.3	6
1962	Pittsburgh Pirates	Law, Vern	5.0	2
1962	Pittsburgh Pirates	McBean, Al	6.7	3
1962	San Francisco Giants	Marichal, Juan	1.7	1
1962	San Francisco Giants	McCormick, Mike	21.7	13
1962	San Francisco Giants	O'Dell, Billy	6.7	3
1962	San Francisco Giants	Pierce, Billy	11.7	5
1962	San Francisco Giants	Sanford, Jack	1.7	1
1962	St. Louis Cardinals	Broglio, Ernie	6.7	2
1962	St. Louis Cardinals	Gibson, Bob	3.3	1
1962	St. Louis Cardinals	Jackson, Larry	1.7	1
1962	St. Louis Cardinals	Sadecki, Ray	8.3	5
1962	St. Louis Cardinals	Simmons, Curt	15.0	6
1962	St. Louis Cardinals	Washburn, Ray	15.0	7
1962	Baltimore Orioles	Barber, Steve	15.0	6
1962	Baltimore Orioles	Estrada, Chuck	1.7	1
1962	Baltimore Orioles	Fisher, Jack	11.7	7
1962	Baltimore Orioles	Pappas, Milt	5.0	2
1962	Baltimore Orioles	Roberts, Robin	3.3	1
1962	Boston Red Sox	Conley, Gene	1.7	1
1962	Boston Red Sox	Delock, Ike	6.7	3
1962	Boston Red Sox	Schwall, Don	1.7	1
1962	Boston Red Sox	Wilson, Earl	5.0	2
1962	Chicago White Sox	Buzhardt, John	5.0	2
1962	Chicago White Sox	Horlen, Joe	1.7	1
1962	Chicago White Sox	Pizarro, Juan	6.7	3
1962	Chicago White Sox	Wynn, Early	1.7	1
1962	Cleveland Indians	Grant, Mudcat	5.0	2
1962	Cleveland Indians	McDowell, Sam	20.0	13
1962	Cleveland Indians	Perry, Jim	13.3	6

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1962	Cleveland Indians	Ramos, Pedro	16.7	7
1962	Detroit Tigers	Aguirre, Hank	33.3	8
1962	Detroit Tigers	Bunning, Jim	10.0	4
1962	Detroit Tigers	Foytack, Paul	13.3	6
1962	Detroit Tigers	Lary, Frank	5.0	3
1962	Detroit Tigers	Mossi, Don	13.3	6
1962	Detroit Tigers	Regan, Phil	20.0	9
1962	Kansas City Athletics	Pena, Orlando	1.7	1
1962	Kansas City Athletics	Pfister, Dan	26.7	13
1962	Kansas City Athletics	Rakow, Ed	11.7	6
1962	Kansas City Athletics	Walker, Jerry	16.7	11
1962	Los Angeles Angels	Belinsky, Bo	3.3	1
1962	Los Angeles Angels	Bowsfield, Ted	15.0	7
1962	Los Angeles Angels	Grba, Eli	18.3	9
1962	Los Angeles Angels	Lee, Don	8.3	3
1962	Los Angeles Angels	McBride, Ken	1.7	1
1962	Minnesota Twins	Kaat, Jim	6.7	2
1962	Minnesota Twins	Kralick, Jack	3.3	1
1962	Minnesota Twins	Pascual, Camilo	1.7	1
1962	New York Yankees	Ford, Whitey	1.7	1
1962	New York Yankees	Stafford, Bill	3.3	1
1962	New York Yankees	Terry, Ralph	6.7	2
1962	Washington Senators	Cheney, Tom	23.3	8
1962	Washington Senators	Osteen, Claude	10.0	4
1962	Washington Senators	Rudolph, Don	23.3	9
1962	Washington Senators	Stenhouse, Dave	13.3	5
1963	Chicago Cubs	Buhl, Bob	5.0	2
1963	Chicago Cubs	Hobbie, Glen	20.0	9
1963	Chicago Cubs	Koonce, Cal	13.3	7
1963	Chicago Cubs	Toth, Paul	21.7	7
1963	Cincinnati Reds	Jay, Joey	13.3	6
1963	Cincinnati Reds	Nuxhall, Joe	10.0	3
1963	Cincinnati Reds	O'Toole, Jim	1.7	1
1963	Cincinnati Reds	Tsitouris, John	15.0	5
1963	Houston Colt .45's	Brown, Hal	10.0	4
1963	Houston Colt .45's	Bruce, Bob	8.3	3
1963	Houston Colt .45's	Drott, Dick	21.7	12
1963	Houston Colt .45's	Farrell, Turk	13.3	4
1963	Houston Colt .45's	Johnson, Ken	8.3	2
1963	Houston Colt .45's	Nottebart, Don	6.7	2
1963	Los Angeles Dodgers	Miller, Bob	31.7	10
1963	Los Angeles Dodgers	Podres, Johnny	5.0	2
1963	Los Angeles Dodgers	Richert, Pete	13.3	7
1963	Milwaukee Braves	Burdette, Lew	3.3	1
1963	Milwaukee Braves	Hendley, Bob	28.3	12
1963	Milwaukee Braves	Lemaster, Denny	25.0	8
1963	Milwaukee Braves	Sadowski, Bob	1.7	0
1963	New York Mets	Craig, Roger	25.0	10
1963	New York Mets	Jackson, Al	5.0	2
1963	New York Mets	Stallard, Tracy	26.7	14
1963	New York Mets	Willey, Carl	3.3	1
1963	Philadelphia Phillies	Bennett, Dennis	11.7	3

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1963	Philadelphia Phillies	Culp, Ray	6.7	2
1963	Philadelphia Phillies	Mahaffey, Art	6.7	3
1963	Philadelphia Phillies	Short, Chris	18.3	6
1963	Pittsburgh Pirates	Cardwell, Don	1.7	1
1963	Pittsburgh Pirates	Friend, Bob	1.7	0
1963	Pittsburgh Pirates	Gibbon, Joe	25.0	9
1963	Pittsburgh Pirates	Law, Vern	10.0	5
1963	Pittsburgh Pirates	Schwall, Don	15.0	6
1963	San Francisco Giants	Marichal, Juan	1.7	0
1963	San Francisco Giants	O'Dell, Billy	5.0	2
1963	St. Louis Cardinals	Broglio, Ernie	6.7	2
1963	St. Louis Cardinals	Burdette, Lew	11.7	5
1963	St. Louis Cardinals	Gibson, Bob	5.0	2
1963	St. Louis Cardinals	Sadecki, Ray	13.3	6
1963	Baltimore Orioles	Barber, Steve	5.0	2
1963	Baltimore Orioles	McCormick, Mike	6.7	3
1963	Baltimore Orioles	McNally, Dave	15.0	8
1963	Baltimore Orioles	Pappas, Milt	3.3	1
1963	Boston Red Sox	Heffner, Bob	1.7	1
1963	Boston Red Sox	Monbouquette, Bill	1.7	1
1963	Boston Red Sox	Wilson, Earl	5.0	2
1963	Chicago White Sox	Buzhardt, John	1.7	0
1963	Chicago White Sox	Horlen, Joe	20.0	7
1963	Chicago White Sox	Peters, Gary	18.3	5
1963	Chicago White Sox	Pizarro, Juan	6.7	2
1963	Cleveland Indians	Grant, Mudcat	10.0	4
1963	Cleveland Indians	Kralick, Jack	1.7	1
1963	Cleveland Indians	Latman, Barry	28.3	16
1963	Cleveland Indians	McDowell, Sam	3.3	2
1963	Cleveland Indians	Ramos, Pedro	23.3	8
1963	Detroit Tigers	Aguirre, Hank	8.3	3
1963	Detroit Tigers	Bunning, Jim	6.7	3
1963	Detroit Tigers	Lary, Frank	3.3	1
1963	Detroit Tigers	Lolich, Mickey	25.0	10
1963	Detroit Tigers	Mossi, Don	13.3	6
1963	Detroit Tigers	Regan, Phil	18.3	8
1963	Kansas City Athletics	Drabowsky, Moe	6.7	2
1963	Kansas City Athletics	Pena, Orlando	3.3	1
1963	Kansas City Athletics	Rakow, Ed	13.3	6
1963	Kansas City Athletics	Segui, Diego	25.0	10
1963	Kansas City Athletics	Wickersham, Dave	6.7	3
1963	Los Angeles Angels	Chance, Dean	16.7	6
1963	Los Angeles Angels	Lee, Don	30.0	12
1963	Los Angeles Angels	Turley, Bob	11.7	4
1963	Minnesota Twins	Kaat, Jim	6.7	3
1963	Minnesota Twins	Perry, Jim	16.7	7
1963	Minnesota Twins	Stange, Lee	20.0	6
1963	New York Yankees	Bouton, Jim	16.7	5
1963	New York Yankees	Downing, Al	3.3	1
1963	New York Yankees	Ford, Whitey	1.7	1
1963	New York Yankees	Terry, Ralph	5.0	2
1963	New York Yankees	Williams, Stan	13.3	5

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1963	Washington Senators	Cheney, Tom	3.3	1
1963	Washington Senators	Daniels, Bennie	18.3	9
1963	Washington Senators	Osteen, Claude	18.3	7
1963	Washington Senators	Rudolph, Don	18.3	9
1964	Chicago Cubs	Broglio, Ernie	3.3	1
1964	Chicago Cubs	Buhl, Bob	1.7	1
1964	Chicago Cubs	Burdette, Lew	18.3	10
1964	Chicago Cubs	Ellsworth, Dick	1.7	1
1964	Chicago Cubs	Jackson, Larry	3.3	1
1964	Cincinnati Reds	Jay, Joey	18.3	7
1964	Cincinnati Reds	Nuxhall, Joe	16.7	8
1964	Cincinnati Reds	Purkey, Bob	15.0	5
1964	Cincinnati Reds	Tsitouris, John	21.7	9
1964	Houston Colt .45's	Brown, Hal	10.0	4
1964	Houston Colt .45's	Bruce, Bob	10.0	3
1964	Houston Colt .45's	Farrell, Turk	8.3	3
1964	Houston Colt .45's	Nottebart, Don	6.7	3
1964	Los Angeles Dodgers	Koufax, Sandy	1.7	0
1964	Los Angeles Dodgers	Miller, Larry	3.3	2
1964	Los Angeles Dodgers	Moeller, Joe	5.0	2
1964	Los Angeles Dodgers	Ortega, Phil	15.0	7
1964	Milwaukee Braves	Cloninger, Tony	6.7	3
1964	Milwaukee Braves	Fischer, Hank	15.0	7
1964	Milwaukee Braves	Lemaster, Denny	6.7	3
1964	Milwaukee Braves	Spahn, Warren	21.7	13
1964	New York Mets	Cisco, Galen	18.3	7
1964	New York Mets	Fisher, Jack	10.0	5
1964	New York Mets	Jackson, Al	15.0	7
1964	New York Mets	Stallard, Tracy	3.3	1
1964	Philadelphia Phillies	Bennett, Dennis	15.0	6
1964	Philadelphia Phillies	Bunning, Jim	3.3	1
1964	Philadelphia Phillies	Culp, Ray	18.3	8
1964	Philadelphia Phillies	Mahaffey, Art	8.3	4
1964	Philadelphia Phillies	Short, Chris	18.3	4
1964	Pittsburgh Pirates	Blass, Steve	18.3	8
1964	Pittsburgh Pirates	Gibbon, Joe	6.7	3
1964	Pittsburgh Pirates	Law, Vern	10.0	4
1964	Pittsburgh Pirates	Veale, Bob	3.3	1
1964	San Francisco Giants	Bolin, Bobby	25.0	9
1964	San Francisco Giants	Hendley, Bob	1.7	1
1964	San Francisco Giants	Herbel, Ron	30.0	10
1964	San Francisco Giants	Sanford, Jack	1.7	1
1964	St. Louis Cardinals	Gibson, Bob	6.7	2
1964	St. Louis Cardinals	Sadecki, Ray	8.3	3
1964	St. Louis Cardinals	Washburn, Ray	8.3	4
1964	Baltimore Orioles	Barber, Steve	16.7	7
1964	Baltimore Orioles	McNally, Dave	11.7	5
1964	Baltimore Orioles	Pappas, Milt	1.7	1
1964	Boston Red Sox	Connolly, Ed	20.0	11
1964	Boston Red Sox	Lamabe, Jack	23.3	15
1964	Boston Red Sox	Monbouquette, Bill	1.7	1
1964	Boston Red Sox	Morehead, Dave	3.3	2

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1964	Boston Red Sox	Wilson, Earl	3.3	2
1964	Chicago White Sox	Buzhardt, John	10.0	3
1964	Chicago White Sox	Herbert, Ray	1.7	1
1964	Chicago White Sox	Horlen, Joe	6.7	1
1964	Chicago White Sox	Peters, Gary	1.7	0
1964	Chicago White Sox	Talbot, Fred	8.3	3
1964	Cleveland Indians	Donovan, Dick	11.7	6
1964	Cleveland Indians	John, Tommy	18.3	8
1964	Cleveland Indians	Kralick, Jack	1.7	1
1964	Cleveland Indians	McDowell, Sam	11.7	3
1964	Cleveland Indians	Ramos, Pedro	28.3	16
1964	Cleveland Indians	Stange, Lee	15.0	7
1964	Cleveland Indians	Tiant, Luis	5.0	2
1964	Detroit Tigers	Aguirre, Hank	8.3	4
1964	Detroit Tigers	Lolich, Mickey	18.3	7
1964	Detroit Tigers	McLain, Denny	5.0	2
1964	Detroit Tigers	Regan, Phil	18.3	10
1964	Detroit Tigers	Sparma, Joe	16.7	6
1964	Detroit Tigers	Wickersham, Dave	6.7	3
1964	Kansas City Athletics	O'Donoghue, John	11.7	6
1964	Kansas City Athletics	Pena, Orlando	13.3	7
1964	Kansas City Athletics	Segui, Diego	8.3	4
1964	Los Angeles Angels	Belinsky, Bo	1.7	1
1964	Los Angeles Angels	Chance, Dean	18.3	3
1964	Los Angeles Angels	McBride, Ken	13.3	8
1964	Los Angeles Angels	Newman, Fred	6.7	2
1964	Minnesota Twins	Grant, Mudcat	5.0	2
1964	Minnesota Twins	Kaat, Jim	3.3	1
1964	Minnesota Twins	Stange, Lee	5.0	3
1964	Minnesota Twins	Stigman, Dick	5.0	2
1964	New York Yankees	Bouton, Jim	1.7	1
1964	New York Yankees	Downing, Al	3.3	1
1964	New York Yankees	Ford, Whitey	5.0	1
1964	New York Yankees	Sheldon, Rollie	11.7	5
1964	New York Yankees	Stottlemire, Mel	1.7	0
1964	New York Yankees	Terry, Ralph	21.7	11
1964	Washington Senators	Daniels, Bennie	15.0	6
1964	Washington Senators	Narum, Buster	10.0	5
1964	Washington Senators	Osteen, Claude	1.7	1
1964	Washington Senators	Stenhouse, Dave	20.0	11
1965	Chicago Cubs	Buhl, Bob	1.7	1
1965	Chicago Cubs	Ellsworth, Dick	3.3	1
1965	Chicago Cubs	Faul, Bill	1.7	1
1965	Chicago Cubs	Hendley, Bob	13.3	6
1965	Chicago Cubs	Koonce, Cal	25.0	10
1965	Cincinnati Reds	Ellis, Sammy	8.3	4
1965	Cincinnati Reds	Jay, Joey	21.7	10
1965	Cincinnati Reds	O'Toole, Jim	11.7	8
1965	Cincinnati Reds	Tsitouris, John	18.3	10
1965	Houston Astros	Bruce, Bob	1.7	1
1965	Houston Astros	Dierker, Larry	11.7	5
1965	Houston Astros	Farrell, Turk	6.7	3

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1965	Houston Astros	Nottebart, Don	6.7	3
1965	Los Angeles Dodgers	Drysdale, Don	3.3	1
1965	Los Angeles Dodgers	Koufax, Sandy	3.3	1
1965	Los Angeles Dodgers	Podres, Johnny	8.3	3
1965	Milwaukee Braves	Blasingame, Wade	3.3	1
1965	Milwaukee Braves	Cloninger, Tony	3.3	1
1965	Milwaukee Braves	Fischer, Hank	20.0	9
1965	Milwaukee Braves	Johnson, Ken	5.0	2
1965	Milwaukee Braves	Lemaster, Denny	15.0	7
1965	New York Mets	Fisher, Jack	11.7	5
1965	New York Mets	Jackson, Al	10.0	5
1965	New York Mets	Spahn, Warren	1.7	1
1965	Philadelphia Phillies	Culp, Ray	5.0	2
1965	Philadelphia Phillies	Herbert, Ray	10.0	4
1965	Philadelphia Phillies	Short, Chris	11.7	4
1965	Pittsburgh Pirates	Cardwell, Don	5.0	2
1965	Pittsburgh Pirates	Law, Vern	1.7	0
1965	Pittsburgh Pirates	Veale, Bob	3.3	1
1965	San Francisco Giants	Marichal, Juan	3.3	1
1965	San Francisco Giants	Perry, Gaylord	35.0	16
1965	San Francisco Giants	Sanford, Jack	11.7	5
1965	San Francisco Giants	Shaw, Bob	15.0	4
1965	San Francisco Giants	Spahn, Warren	8.3	3
1965	St. Louis Cardinals	Gibson, Bob	3.3	1
1965	St. Louis Cardinals	Purkey, Bob	25.0	16
1965	St. Louis Cardinals	Sadecki, Ray	13.3	8
1965	St. Louis Cardinals	Simmons, Curt	3.3	2
1965	St. Louis Cardinals	Stallard, Tracy	23.3	9
1965	St. Louis Cardinals	Washburn, Ray	20.0	8
1965	Baltimore Orioles	Barber, Steve	8.3	2
1965	Baltimore Orioles	Bunker, Wally	11.7	4
1965	Baltimore Orioles	McNally, Dave	10.0	3
1965	Baltimore Orioles	Roberts, Robin	8.3	3
1965	Boston Red Sox	Bennett, Dennis	26.7	13
1965	Boston Red Sox	Lonborg, Jim	1.7	1
1965	Boston Red Sox	Morehead, Dave	1.7	1
1965	California Angels	Brunet, George	25.0	7
1965	California Angels	Chance, Dean	5.0	2
1965	California Angels	Lopez, Marcelino	5.0	2
1965	California Angels	May, Rudy	18.3	8
1965	Chicago White Sox	Buzhardt, John	3.3	1
1965	Chicago White Sox	Howard, Bruce	13.3	5
1965	Chicago White Sox	John, Tommy	20.0	7
1965	Chicago White Sox	Peters, Gary	5.0	2
1965	Cleveland Indians	Kralick, Jack	23.3	13
1965	Cleveland Indians	McDowell, Sam	11.7	3
1965	Cleveland Indians	Siebert, Sonny	20.0	5
1965	Cleveland Indians	Terry, Ralph	6.7	3
1965	Cleveland Indians	Tiant, Luis	18.3	7
1965	Detroit Tigers	Lolich, Mickey	10.0	4
1965	Detroit Tigers	McLain, Denny	6.7	2
1965	Detroit Tigers	Sparma, Joe	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1965	Detroit Tigers	Wickersham, Dave	11.7	5
1965	Kansas City Athletics	Hunter, Catfish	20.0	9
1965	Kansas City Athletics	O'Donoghue, John	6.7	3
1965	Kansas City Athletics	Segui, Diego	25.0	13
1965	Kansas City Athletics	Sheldon, Rollie	5.0	2
1965	Kansas City Athletics	Talbot, Fred	10.0	5
1965	Minnesota Twins	Grant, Mudcat	3.3	1
1965	Minnesota Twins	Kaat, Jim	5.0	2
1965	Minnesota Twins	Perry, Jim	28.3	8
1965	New York Yankees	Bouton, Jim	8.3	4
1965	New York Yankees	Downing, Al	5.0	2
1965	New York Yankees	Ford, Whitey	1.7	1
1965	New York Yankees	Stafford, Bill	11.7	5
1965	Washington Senators	Daniels, Bennie	25.0	13
1965	Washington Senators	Narum, Buster	36.7	18
1965	Washington Senators	Ortega, Phil	10.0	6
1965	Washington Senators	Richert, Pete	8.3	2
1966	Atlanta Braves	Blasingame, Wade	6.7	4
1966	Atlanta Braves	Cloninger, Tony	1.7	1
1966	Atlanta Braves	Johnson, Ken	1.7	1
1966	Atlanta Braves	Kelley, Dick	11.7	4
1966	Chicago Cubs	Broglio, Ernie	6.7	5
1966	Chicago Cubs	Ellsworth, Dick	1.7	1
1966	Chicago Cubs	Hands, Bill	25.0	13
1966	Chicago Cubs	Holtzman, Ken	1.7	1
1966	Chicago Cubs	Simmons, Curt	15.0	7
1966	Cincinnati Reds	Ellis, Sammy	8.3	5
1966	Cincinnati Reds	Jay, Joey	3.3	1
1966	Cincinnati Reds	O'Toole, Jim	1.7	1
1966	Cincinnati Reds	Pappas, Milt	1.7	1
1966	Houston Astros	Bruce, Bob	3.3	2
1966	Houston Astros	Cuellar, Mike	16.7	4
1966	Houston Astros	Dierker, Larry	1.7	1
1966	Houston Astros	Farrell, Turk	18.3	9
1966	Houston Astros	Giusti, Dave	1.7	1
1966	Houston Astros	Roberts, Robin	1.7	1
1966	Los Angeles Dodgers	Osteen, Claude	1.7	1
1966	Los Angeles Dodgers	Sutton, Don	3.3	1
1966	New York Mets	Fisher, Jack	8.3	3
1966	New York Mets	Friend, Bob	16.7	8
1966	New York Mets	McGraw, Tug	5.0	3
1966	New York Mets	Ribant, Dennis	21.7	8
1966	New York Mets	Shaw, Bob	1.7	1
1966	Philadelphia Phillies	Buhl, Bob	23.3	12
1966	Philadelphia Phillies	Bunning, Jim	3.3	1
1966	Philadelphia Phillies	Jackson, Larry	3.3	1
1966	Philadelphia Phillies	Short, Chris	5.0	2
1966	Philadelphia Phillies	Wise, Rick	15.0	6
1966	Pittsburgh Pirates	Blass, Steve	15.0	6
1966	Pittsburgh Pirates	Fryman, Woodie	13.3	6
1966	Pittsburgh Pirates	Law, Vern	5.0	2
1966	Pittsburgh Pirates	Sisk, Tommie	18.3	8

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1966	Pittsburgh Pirates	Veale, Bob	1.7	1
1966	San Francisco Giants	Bolin, Bobby	3.3	1
1966	San Francisco Giants	Herbel, Ron	23.3	11
1966	San Francisco Giants	Marichal, Juan	1.7	0
1966	San Francisco Giants	Perry, Gaylord	1.7	1
1966	San Francisco Giants	Sadecki, Ray	11.7	7
1966	St. Louis Cardinals	Jackson, Al	10.0	3
1966	St. Louis Cardinals	Jaster, Larry	8.3	3
1966	St. Louis Cardinals	Washburn, Ray	1.7	1
1966	Baltimore Orioles	Barber, Steve	5.0	1
1966	Baltimore Orioles	Bunker, Wally	8.3	4
1966	Baltimore Orioles	McNally, Dave	1.7	1
1966	Baltimore Orioles	Miller, John	11.7	6
1966	Boston Red Sox	Bennett, Dennis	5.0	2
1966	Boston Red Sox	Lonborg, Jim	36.7	16
1966	Boston Red Sox	Santiago, Jose	11.7	5
1966	Boston Red Sox	Stange, Lee	15.0	6
1966	Boston Red Sox	Stephenson, Jerry	6.7	4
1966	Boston Red Sox	Wilson, Earl	1.7	1
1966	California Angels	Brunet, George	15.0	6
1966	California Angels	Chance, Dean	6.7	2
1966	California Angels	Lopez, Marcelino	8.3	4
1966	California Angels	McGlothlin, Jim	13.3	7
1966	California Angels	Newman, Fred	3.3	2
1966	California Angels	Wright, Clyde	11.7	5
1966	Chicago White Sox	Buzhardt, John	18.3	8
1966	Chicago White Sox	Horlen, Joe	13.3	4
1966	Chicago White Sox	Howard, Bruce	10.0	3
1966	Chicago White Sox	John, Tommy	1.7	0
1966	Chicago White Sox	Peters, Gary	5.0	1
1966	Cleveland Indians	Bell, Gary	5.0	2
1966	Cleveland Indians	Hargan, Steve	28.3	8
1966	Cleveland Indians	McDowell, Sam	11.7	4
1966	Cleveland Indians	Siebert, Sonny	3.3	1
1966	Detroit Tigers	Lolich, Mickey	11.7	6
1966	Kansas City Athletics	Hunter, Catfish	8.3	4
1966	Kansas City Athletics	Krausse, Lew	23.3	8
1966	Kansas City Athletics	Nash, Jim	1.7	0
1966	Kansas City Athletics	Sheldon, Rollie	1.7	1
1966	Kansas City Athletics	Terry, Ralph	8.3	4
1966	Minnesota Twins	Boswell, Dave	11.7	4
1966	Minnesota Twins	Merritt, Jim	21.7	8
1966	Minnesota Twins	Pascual, Camilo	3.3	2
1966	Minnesota Twins	Perry, Jim	13.3	4
1966	New York Yankees	Bouton, Jim	8.3	2
1966	New York Yankees	Peterson, Fritz	3.3	1
1966	New York Yankees	Stottlemyre, Mel	3.3	1
1966	New York Yankees	Talbot, Fred	6.7	3
1966	Washington Senators	Hannan, Jim	20.0	9
1966	Washington Senators	McCormick, Mike	15.0	6
1966	Washington Senators	Moore, Barry	1.7	1
1966	Washington Senators	Ortega, Phil	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1966	Washington Senators	Richert, Pete	3.3	1
1966	Washington Senators	Segui, Diego	13.3	7
1967	Atlanta Braves	Jarvis, Pat	3.3	1
1967	Chicago Cubs	Culp, Ray	13.3	6
1967	Chicago Cubs	Niekro, Joe	23.3	9
1967	Chicago Cubs	Nye, Rich	8.3	3
1967	Chicago Cubs	Simmons, Curt	5.0	3
1967	Cincinnati Reds	Ellis, Sammy	8.3	4
1967	Cincinnati Reds	Maloney, Jim	1.7	1
1967	Cincinnati Reds	Nolan, Gary	1.7	0
1967	Cincinnati Reds	Pappas, Milt	3.3	1
1967	Cincinnati Reds	Queen, Mel	11.7	4
1967	Houston Astros	Belinsky, Bo	15.0	8
1967	Houston Astros	Blasingame, Wade	1.7	1
1967	Houston Astros	Cuellar, Mike	6.7	2
1967	Houston Astros	Giusti, Dave	6.7	3
1967	Houston Astros	Wilson, Don	5.0	2
1967	Los Angeles Dodgers	Singer, Bill	5.0	1
1967	Los Angeles Dodgers	Sutton, Don	5.0	2
1967	New York Mets	Cardwell, Don	16.7	7
1967	New York Mets	Fisher, Jack	15.0	8
1967	New York Mets	Frisella, Danny	5.0	2
1967	New York Mets	Hendley, Bob	3.3	1
1967	New York Mets	Seaver, Tom	1.7	1
1967	New York Mets	Shaw, Bob	16.7	8
1967	Philadelphia Phillies	Ellsworth, Dick	18.3	9
1967	Philadelphia Phillies	Jackson, Larry	5.0	2
1967	Philadelphia Phillies	Short, Chris	5.0	1
1967	Philadelphia Phillies	Wise, Rick	18.3	7
1967	Pittsburgh Pirates	Fryman, Woodie	16.7	7
1967	Pittsburgh Pirates	Ribant, Dennis	26.7	12
1967	Pittsburgh Pirates	Sisk, Tommie	10.0	4
1967	Pittsburgh Pirates	Veale, Bob	3.3	1
1967	San Francisco Giants	McCormick, Mike	8.3	3
1967	San Francisco Giants	Perry, Gaylord	3.3	1
1967	San Francisco Giants	Sadecki, Ray	18.3	6
1967	St. Louis Cardinals	Carlton, Steve	3.3	1
1967	St. Louis Cardinals	Hughes, Dick	16.7	5
1967	St. Louis Cardinals	Jaster, Larry	18.3	6
1967	Baltimore Orioles	Hardin, Jim	8.3	2
1967	Baltimore Orioles	McNally, Dave	3.3	2
1967	Baltimore Orioles	Richert, Pete	11.7	4
1967	Boston Red Sox	Bell, Gary	8.3	3
1967	Boston Red Sox	Bennett, Dennis	3.3	1
1967	Boston Red Sox	Stange, Lee	18.3	6
1967	California Angels	Brunet, George	5.0	2
1967	California Angels	Clark, Rickey	3.3	1
1967	California Angels	Hamilton, Jack	10.0	4
1967	California Angels	McGlothlin, Jim	5.0	2
1967	California Angels	Wright, Clyde	15.0	5
1967	Chicago White Sox	Howard, Bruce	21.7	8
1967	Chicago White Sox	John, Tommy	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1967	Chicago White Sox	O'Toole, Jim	8.3	3
1967	Chicago White Sox	Peters, Gary	3.3	1
1967	Cleveland Indians	Hargan, Steve	1.7	0
1967	Cleveland Indians	O'Donoghue, John	26.7	10
1967	Cleveland Indians	Siebert, Sonny	13.3	4
1967	Cleveland Indians	Tiant, Luis	6.7	2
1967	Detroit Tigers	Lolich, Mickey	1.7	1
1967	Detroit Tigers	Wilson, Earl	1.7	1
1967	Kansas City Athletics	Dobson, Chuck	5.0	2
1967	Kansas City Athletics	Nash, Jim	5.0	2
1967	Kansas City Athletics	Odom, Blue Moon	20.0	11
1967	Minnesota Twins	Boswell, Dave	8.3	3
1967	Minnesota Twins	Chance, Dean	3.3	1
1967	Minnesota Twins	Grant, Mudcat	21.7	11
1967	Minnesota Twins	Kaat, Jim	6.7	2
1967	Minnesota Twins	Merritt, Jim	15.0	4
1967	New York Yankees	Downing, Al	5.0	1
1967	New York Yankees	Peterson, Fritz	10.0	4
1967	New York Yankees	Talbot, Fred	11.7	5
1967	Washington Senators	Bertaina, Frank	1.7	1
1967	Washington Senators	Coleman, Joe	10.0	5
1967	Washington Senators	Moore, Barry	1.7	1
1967	Washington Senators	Pascual, Camilo	1.7	1
1967	Washington Senators	Richert, Pete	1.7	1
1968	Atlanta Braves	Johnson, Ken	25.0	10
1968	Atlanta Braves	Niekro, Phil	5.0	1
1968	Atlanta Braves	Pappas, Milt	5.0	1
1968	Atlanta Braves	Reed, Ron	11.7	4
1968	Atlanta Braves	Stone, George	11.7	4
1968	Chicago Cubs	Hands, Bill	6.7	2
1968	Chicago Cubs	Holtzman, Ken	3.3	1
1968	Chicago Cubs	Niekro, Joe	8.3	4
1968	Chicago Cubs	Nye, Rich	11.7	5
1968	Cincinnati Reds	Arrigo, Gerry	8.3	3
1968	Cincinnati Reds	Culver, George	11.7	4
1968	Cincinnati Reds	Maloney, Jim	1.7	1
1968	Cincinnati Reds	Nolan, Gary	1.7	0
1968	Cincinnati Reds	Pappas, Milt	6.7	4
1968	Houston Astros	Cuellar, Mike	6.7	2
1968	Houston Astros	Giusti, Dave	5.0	2
1968	Houston Astros	Lemaster, Denny	1.7	1
1968	Houston Astros	Wilson, Don	5.0	2
1968	Los Angeles Dodgers	Kekich, Mike	8.3	4
1968	Los Angeles Dodgers	Osteen, Claude	5.0	2
1968	Los Angeles Dodgers	Singer, Bill	1.7	1
1968	Los Angeles Dodgers	Sutton, Don	13.3	4
1968	New York Mets	Cardwell, Don	6.7	2
1968	New York Mets	Koosman, Jerry	1.7	0
1968	New York Mets	Ryan, Nolan	5.0	2
1968	New York Mets	Seaver, Tom	1.7	0
1968	New York Mets	Selma, Dick	16.7	5
1968	Philadelphia Phillies	Fryman, Woodie	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1968	Philadelphia Phillies	Johnson, Jerry	8.3	3
1968	Philadelphia Phillies	Short, Chris	10.0	3
1968	Pittsburgh Pirates	Blass, Steve	3.3	1
1968	Pittsburgh Pirates	Bunning, Jim	1.7	1
1968	Pittsburgh Pirates	McBean, Al	13.3	5
1968	Pittsburgh Pirates	Moose, Bob	26.7	8
1968	Pittsburgh Pirates	Veale, Bob	5.0	1
1968	San Francisco Giants	Bolin, Bobby	25.0	6
1968	San Francisco Giants	McCormick, Mike	16.7	7
1968	San Francisco Giants	Perry, Gaylord	1.7	0
1968	San Francisco Giants	Sadecki, Ray	3.3	1
1968	St. Louis Cardinals	Carlton, Steve	1.7	1
1968	St. Louis Cardinals	Jaster, Larry	16.7	6
1968	St. Louis Cardinals	Washburn, Ray	1.7	0
1968	Baltimore Orioles	Bunker, Wally	13.3	4
1968	Baltimore Orioles	Leonhard, Dave	16.7	6
1968	Boston Red Sox	Bell, Gary	13.3	5
1968	Boston Red Sox	Culp, Ray	8.3	3
1968	Boston Red Sox	Ellsworth, Dick	5.0	2
1968	Boston Red Sox	Lonborg, Jim	10.0	5
1968	Boston Red Sox	Pizarro, Juan	11.7	5
1968	California Angels	Brunet, George	5.0	2
1968	California Angels	Clark, Rickey	6.7	3
1968	California Angels	Ellis, Sammy	30.0	13
1968	California Angels	McGlothlin, Jim	13.3	5
1968	Chicago White Sox	Carlos, Cisco	13.3	6
1968	Chicago White Sox	Fisher, Jack	11.7	4
1968	Chicago White Sox	Peters, Gary	10.0	4
1968	Chicago White Sox	Priddy, Bob	28.3	11
1968	Cleveland Indians	Hargan, Steve	8.3	4
1968	Cleveland Indians	McDowell, Sam	1.7	0
1968	Cleveland Indians	Siebert, Sonny	1.7	1
1968	Cleveland Indians	Tiant, Luis	3.3	1
1968	Cleveland Indians	Williams, Stan	33.3	9
1968	Detroit Tigers	Lolich, Mickey	11.7	4
1968	Detroit Tigers	Sparma, Joe	5.0	2
1968	Detroit Tigers	Wilson, Earl	1.7	1
1968	Minnesota Twins	Boswell, Dave	10.0	4
1968	Minnesota Twins	Chance, Dean	6.7	2
1968	Minnesota Twins	Kaat, Jim	1.7	1
1968	Minnesota Twins	Merritt, Jim	6.7	2
1968	Minnesota Twins	Perry, Jim	23.3	6
1968	New York Yankees	Bahnsen, Stan	5.0	1
1968	New York Yankees	Barber, Steve	1.7	1
1968	New York Yankees	Downing, Al	5.0	2
1968	New York Yankees	Monbouquette, Bill	10.0	5
1968	New York Yankees	Peterson, Fritz	15.0	4
1968	Oakland Athletics	Dobson, Chuck	1.7	1
1968	Oakland Athletics	Hunter, Catfish	3.3	1
1968	Oakland Athletics	Krausse, Lew	18.3	6
1968	Oakland Athletics	Nash, Jim	1.7	0
1968	Oakland Athletics	Odom, Blue Moon	1.7	0

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1968	Washington Senators	Bertaina, Frank	6.7	3
1968	Washington Senators	Hannan, Jim	5.0	2
1968	Washington Senators	Moore, Barry	23.3	9
1968	Washington Senators	Ortega, Phil	25.0	14
1969	Atlanta Braves	Britton, Jim	18.3	8
1969	Atlanta Braves	Jarvis, Pat	6.7	3
1969	Atlanta Braves	Niekro, Phil	8.3	2
1969	Atlanta Braves	Pappas, Milt	3.3	1
1969	Atlanta Braves	Reed, Ron	5.0	2
1969	Atlanta Braves	Stone, George	26.7	11
1969	Chicago Cubs	Jenkins, Fergie	1.7	1
1969	Chicago Cubs	Selma, Dick	18.3	7
1969	Cincinnati Reds	Arrigo, Gerry	6.7	3
1969	Cincinnati Reds	Cloninger, Tony	1.7	1
1969	Cincinnati Reds	Maloney, Jim	5.0	2
1969	Cincinnati Reds	Merritt, Jim	10.0	5
1969	Cincinnati Reds	Nolan, Gary	1.7	1
1969	Houston Astros	Dierker, Larry	3.3	1
1969	Houston Astros	Lemaster, Denny	1.7	1
1969	Los Angeles Dodgers	Foster, Alan	15.0	7
1969	Los Angeles Dodgers	Singer, Bill	1.7	0
1969	Montreal Expos	Grant, Mudcat	1.7	1
1969	Montreal Expos	Renko, Steve	5.0	2
1969	Montreal Expos	Robertson, Jerry	18.3	8
1969	Montreal Expos	Stoneman, Bill	10.0	5
1969	Montreal Expos	Wegener, Mike	10.0	5
1969	New York Mets	Cardwell, Don	15.0	5
1969	New York Mets	McAndrew, Jim	10.0	4
1969	New York Mets	Seaver, Tom	1.7	0
1969	Philadelphia Phillies	Champion, Bill	5.0	3
1969	Philadelphia Phillies	Fryman, Woodie	1.7	1
1969	Philadelphia Phillies	Jackson, Grant	5.0	2
1969	Philadelphia Phillies	Johnson, Jerry	20.0	10
1969	Philadelphia Phillies	Wise, Rick	3.3	1
1969	Pittsburgh Pirates	Blass, Steve	10.0	5
1969	Pittsburgh Pirates	Ellis, Dock	3.3	1
1969	San Diego Padres	Kelley, Dick	6.7	3
1969	San Diego Padres	Niekro, Joe	10.0	4
1969	San Diego Padres	Santorini, Al	3.3	1
1969	San Francisco Giants	Bolin, Bobby	13.3	7
1969	San Francisco Giants	Marichal, Juan	1.7	0
1969	San Francisco Giants	McCormick, Mike	6.7	2
1969	San Francisco Giants	Perry, Gaylord	1.7	0
1969	San Francisco Giants	Sadecki, Ray	20.0	9
1969	St. Louis Cardinals	Briles, Nelson	5.0	2
1969	St. Louis Cardinals	Giusti, Dave	16.7	7
1969	St. Louis Cardinals	Torrez, Mike	15.0	6
1969	St. Louis Cardinals	Washburn, Ray	20.0	7
1969	Baltimore Orioles	Hardin, Jim	16.7	7
1969	Baltimore Orioles	McNally, Dave	1.7	1
1969	Baltimore Orioles	Palmer, Jim	5.0	1
1969	Baltimore Orioles	Phoebus, Tom	3.3	1

Year	Team	Name	Estimated Relief IP	Estimated Relief ER
1969	Boston Red Sox	Lonborg, Jim	10.0	5
1969	Boston Red Sox	Nagy, Mike	8.3	3
1969	Boston Red Sox	Siebert, Sonny	35.0	15
1969	California Angels	Brunet, George	6.7	3
1969	California Angels	May, Rudy	30.0	11
1969	California Angels	McGlothlin, Jim	3.3	1
1969	California Angels	Messersmith, Andy	11.7	3
1969	California Angels	Murphy, Tom	1.7	1
1969	Chicago White Sox	Edmondson, Paul	1.7	1
1969	Chicago White Sox	Horlen, Joe	1.7	1
1969	Chicago White Sox	Peters, Gary	6.7	3
1969	Cleveland Indians	Ellsworth, Dick	20.0	9
1969	Cleveland Indians	Hargan, Steve	15.0	10
1969	Cleveland Indians	McDowell, Sam	1.7	1
1969	Cleveland Indians	Tiant, Luis	1.7	1
1969	Detroit Tigers	Lolich, Mickey	1.7	1
1969	Detroit Tigers	McLain, Denny	1.7	1
1969	Detroit Tigers	Sparma, Joe	11.7	6
1969	Kansas City Royals	Bunker, Wally	6.7	2
1969	Kansas City Royals	Butler, Bill	8.3	4
1969	Kansas City Royals	Drago, Dick	25.0	10
1969	Kansas City Royals	Rooker, Jim	10.0	4
1969	Minnesota Twins	Boswell, Dave	1.7	1
1969	Minnesota Twins	Chance, Dean	8.3	3
1969	Minnesota Twins	Hall, Tom	21.7	8
1969	Minnesota Twins	Kaat, Jim	13.3	5
1969	Minnesota Twins	Perry, Jim	16.7	5
1969	New York Yankees	Bahnsen, Stan	11.7	5
1969	New York Yankees	Burbach, Bill	11.7	5
1969	Oakland Athletics	Hunter, Catfish	5.0	2
1969	Oakland Athletics	Nash, Jim	11.7	5
1969	Seattle Pilots	Barber, Steve	15.0	8
1969	Seattle Pilots	Bell, Gary	3.3	2
1969	Seattle Pilots	Brabender, Gene	18.3	9
1969	Seattle Pilots	Brunet, George	1.7	1
1969	Seattle Pilots	Marshall, Mike	10.0	6
1969	Seattle Pilots	Pattin, Marty	11.7	7
1969	Seattle Pilots	Talbot, Fred	15.0	7
1969	Washington Senators	Bosman, Dick	8.3	2
1969	Washington Senators	Coleman, Joe	6.7	2
1969	Washington Senators	Hannan, Jim	11.7	5
1969	Washington Senators	Moore, Barry	10.0	5
1969	Washington Senators	Pascual, Camilo	1.7	1