

Pitchers		1969	IP	ERA	1970	IP	ERA	1971	IP	ERA	1972	IP	ERA
1	Gaylord Perry	R	325	2.49	329	3.20	280	2.76	343	1.92			
2	Fergie Jenkins	R	311	3.21	313	3.39	325	2.77	289	3.20			
3	Bob Gibson	R	314	2.18	294	3.12	246	3.04	278	2.46			
4	Tom Seaver	R	273	2.21	291	2.82	286	1.76	262	2.92			
5	Steve Carlton	L	236	2.17	254	3.73	273	3.56	346	1.97			
6	Don Sutton	R	293	3.47	260	4.08	265	2.54	273	2.08			
7	Claude Osteen	L	321	2.66	259	3.83	259	3.51	252	2.64			
8	Phil Niekro	R	284	2.56	230	4.27	269	2.98	282	3.06			
9	Ken Holtzman	L	261	3.58	288	3.38	195	4.48	265	2.51			
10	Bill Hands	R	300	2.49	265	3.70	242	3.42	189	3.00			
11	Bill Stoneman	R	236	4.39	208	4.59	295	3.15	251	2.98			
12	Juan Marichal	R	300	2.10	243	4.12	279	2.94	165	3.71			
13	Rick Wise	R	220	3.23	220	4.17	272	2.88	269	3.11			
14	Larry Dierker	R	305	2.33	270	3.87	159	2.72	215	3.40			
15	Clay Kirby	R	216	3.80	215	4.53	267	2.83	239	3.13			
16	Don Wilson	R	225	4.00	184	3.91	268	2.45	228	2.68			
17	Steve Blass	R	210	4.46	197	3.52	240	2.85	250	2.49			
18	Ron Reed	R	241	3.47	135	4.41	222	3.72	213	3.93			
19	Dock Ellis	R	219	3.58	202	3.21	227	3.06	163	2.70			
20	Bill Singer	R	316	2.34	106	3.13	203	4.16	169	3.67			
21	Gary Gentry	R	234	3.43	188	3.68	203	3.23	164	4.01			
22	Jerry Koosman	L	241	2.28	212	3.14	166	3.04	163	4.14			
23	Milt Pappas	R	144	3.63	180	3.34	261	3.51	195	2.77			
24	Gary Nolan	R	109	3.56	251	3.27	245	3.16	176	1.99			
25	Woodie Fryman	L	228	4.41	128	4.09	149	3.38	233	3.24			
26	Pat Jarvis	R	217	4.43	254	3.61	162	4.10	99	4.10			
27	Al Downing	L	131	3.38	135	3.52	262	2.68	203	2.98			
28	Jim McGlothlin	R	201	3.18	211	3.59	171	3.22	145	3.91			
29	Bob Moose	R	170	2.91	190	3.99	140	4.11	226	2.91			
30	Jack Billingham	R	83	4.25	188	3.98	228	3.39	218	3.18			
31	Carl Morton	R	29	4.60	285	3.60	214	4.80	172	3.92			
32	Steve Renko	R	103	4.01	223	4.32	276	3.75	97	5.20			
33	Dave Roberts(P)	L	49	4.81	182	3.81	270	2.10	192	4.50			
34	Nelson Briles	R	228	3.52	107	6.24	136	3.04	196	3.08			
35	Nolan Ryan	R	89	3.53	132	3.42	152	3.97	284	2.28			
36	George Stone	L	165	3.65	207	3.86	173	3.60	111	5.51			
37	Jim Merritt	L	251	4.37	234	4.08	107	4.37					
38	Jim McAndrew	R	135	3.47	184	3.56	90	4.38	161	2.80			
39	Mike Torrez	R	108	3.59	179	4.22	39	5.54	243	3.33			
40	Jim Bunning	R	212	3.69	219	4.11	110	5.48					
41	Luke Walker	L	119	3.64	163	3.04	160	3.55	93	3.40			
42	Jerry Reuss	L			127	4.10	211	4.78	192	4.17			
43	Jim Nash	R	115	3.67	212	4.07	133	4.94	69	5.90			
44	Grant Jackson	L	253	3.34	150	5.29	78	3.13	41	2.63			
45	Ray Sadecki	L	138	4.23	139	3.89	163	2.92	76	3.09			
46	Ron Bryant	L	58	4.37	96	4.78	140	3.79	214	2.90			
47	Bob Johnson	R			214	3.07	175	3.45	116	2.96			
48	Steve Arlin	R	11	9.28	13	2.84	228	3.48	250	3.60			
49	Alan Foster	R	103	4.38	199	4.26	182	4.16	13	4.97			
50	Bob Veale	L	226	3.23	202	3.92	46	6.99	17	3.18			
51	Denny Lemaster	L	245	3.16	162	4.56	60	3.45	20	7.78			
52	Al Santorini	R	185	3.95	76	6.07	88	3.78	134	4.11			
53	Reggie Cleveland	R			26	7.62	222	4.01	231	3.94			
54	Barry Lersch	R	18	7.13	138	3.26	214	3.78	101	3.04			
55	Tony Cloninger	R	190	5.03	148	3.83	97	3.88	26	5.19			
56	Dick Selma	R	191	3.68	134	2.75	25	3.28	99	5.56			

		1969	IP	ERA	1970	IP	ERA	1971	IP	ERA	1972	IP	ERA
57	Tom Griffin	R	188	3.54	111	5.74		38	4.78		94	3.24	
58	Don Gullett	L			78	2.43		218	2.65		135	3.94	
59	Wayne Simpson	R			176	3.02		117	4.76		130	4.14	
60	Jim Ray	R	115	3.91	105	3.26		98	2.12		90	4.28	
61	Jerry Johnson	R	147	4.28	77	4.11		109	2.97		73	4.42	
62	Fred Norman	L			63	5.14		131	3.57		212	3.44	
63	Chris Short	L	10	7.20	199	4.30		173	3.85		23	3.91	
64	Dan McGinn	L	132	3.94	131	5.44		71	5.96		63	5.89	
65	George Culver	R	101	4.26	102	3.98		95	2.64		97	3.05	
66	Mike Marshall	R	88	5.13	70	3.86		111	4.28		116	1.78	
67	Frank Reberger	R	88	3.59	152	5.57		44	3.92		99	3.99	
68	Bill Champion	R	117	5.01	14	9.00		109	4.39		133	5.09	
69	Ken Forsch	R			24	5.63		188	2.53		156	3.91	
70	Chuck Taylor	R	127	2.56	124	3.11		71	3.53		43	4.43	
71	Dave Giusti	R	100	3.61	103	3.06		86	2.93		75	1.93	
72	Ross Grimsley	L						161	3.57		198	3.05	
73	Mudcat Grant	R	114	4.42	135	1.86		102	3.17				
74	Ernie McAnally	R						178	3.90		170	3.81	
75	Ken Reynolds	L						162	4.49		154	4.26	
76	Wade Blasingame	L	52	5.37	78	3.48		158	4.60		25	5.68	
77	John Cumberland	L			75	3.48		185	2.92		47	7.71	
78	Mike McCormick	L	197	3.34	99	6.18							
79	Gary Ross	R	112	4.35	62	5.20		24	2.96		92	2.45	
80	Rich Robertson	R	44	5.48	184	4.85		61	4.57				
81	Mike Corkins	R	17	8.47	111	4.62		13	3.46		140	3.54	
82	Jon Matlack	L						37	4.14		244	2.32	
83	Juan Pizarro	L	99	3.35	16	4.60		101	3.46		59	3.94	
84	Mike Wegener	R	166	4.40	104	5.26							
85	John Strohmayr	R			76	4.86		114	4.34		77	3.52	
86	Gary Waslewski	R	130	3.39	80	3.73		36	3.28		18	2.04	
87	Tom Kelley	R						143	2.96		116	4.56	
88	Joe Moeller	R	51	3.33	135	3.92		66	3.80				
89	Howie Reed	R	106	4.84	89	3.13		57	4.29				
90	Bruce Kison	R						95	3.40		152	3.26	
91	Danny Coombs	L			188	3.30		58	6.24				
92	Lowell Palmer	R	90	5.20	102	5.47		15	6.00		37	3.93	
93	Burt Hooton	R						21	2.11		218	2.80	
94	Steve Stone	R						111	4.15		124	2.98	
95	Jim Maloney	R	179	2.77	17	11.34		30	5.04				
96	Jim Barr	R						35	3.57		179	2.87	
97	Bucky Brandon	R	18	7.36				83	3.90		104	3.45	
98	Mike McQueen	L			66	5.59		56	3.54		78	4.60	
99	Don Cardwell	R	152	3.01	48	7.69							
100	Ray Washburn	R	132	3.06	66	6.92							
101	Jim Bouton	R	123	3.96	73	5.40							
102	Dick Kelley	L	136	3.57				60	3.47				
103	Jerry Robertson	R	180	3.96	15	3.68							
104	Don Carrithers	R			22	7.36		80	4.03		90	5.80	
105	Joe Decker	R	12	2.92	109	4.64		46	4.73		13	2.13	
106	Tommie Sisk	R	143	4.78	33	5.40							
107	Mike Caldwell	L									164	4.01	
108	Scipio Spinks	R			14	9.88		29	3.68		118	2.67	
109	Wayne Twitchell	R						16	0.00		140	4.06	
110	Balor Moore	L									148	3.47	
111	Chris Zachary	R	18	7.85				90	5.32		38	1.41	
112	Ron Schueler	R									145	3.67	

		1969	IP	ERA	1970	IP	ERA	1971	IP	ERA	1972	IP	ERA
113	Bill Greif	R							16	5.06		125	5.60
114	Sandy Vance	R				115	3.13		26	6.92			
115	Ed Acosta	R							46	2.74		89	4.45
116	Jim Britton	R	88	3.78					46	5.72			
117	Rick Reuschel	R										129	2.93
118	Gary Neibauer	R	58	3.90		13	4.97		21	2.14		36	6.25
119	Rich Nye	L	69	5.11		54	4.14						
120	Bill Bonham	R							60	4.65		58	3.12
121	Jack Fisher	R	113	5.50									
122	Larry Jaster	L	77	5.49		22	6.85					12	5.11
123	Ron Cook	L				82	3.72		26	4.91			
124	Gerry Arrigo	L	91	4.15		13	12.83						
125	Jim Nelson	R				68	3.42		35	2.34			
126	Charlie Williams	R							90	4.78			
127	Jim Willoughby	R										88	2.36
128	Skip Pitlock	L				87	4.66						
129	Mike Strahler	R				19	1.45		13	2.84		47	3.26

### Short Relievers

		1969	IP	ERA	1970	IP	ERA	1971	IP	ERA	1972	IP	ERA
130	Clay Carroll	R	151	3.52		104	2.59		94	2.50		96	2.25
131	Wayne Granger	R	145	2.80		85	2.66		100	3.33		90	3.01
132	Tug McGraw	L	100	2.24		91	3.28		111	1.70		106	1.70
133	Frank Linzy	R	116	3.64		87	4.66		59	2.12		77	3.03
134	Jim Brewer	L	88	2.55		89	3.13		81	1.88		78	1.26
135	Don McMahon	R	61	3.56		94	2.96		82	4.06		63	3.71
136	Phil Regan	R	112	3.70		76	4.76		73	3.93		17	3.63
137	Pete Mikkelsen	R	81	2.77		62	2.76		74	3.65		58	4.06
138	Ron Herbel	R	87	4.02		124	4.57		52	5.23			
139	Fred Gladding	R	73	4.21		71	4.06		51	2.10		49	2.77
140	Cecil Upshaw	R	105	2.91					82	3.51		54	3.69
141	Joe Hoerner	L	53	2.87		58	2.65		73	1.97		45	4.40
142	Danny Frisella	R				66	3.02		91	1.99		67	3.34
143	Ron Taylor	R	76	2.72		66	3.93		69	3.65			
144	Bill Wilson	R	62	3.32		58	4.78		59	3.07		30	3.30
145	Claude Raymond	R	70	4.89		83	4.43		54	4.70			
146	Hoyt Wilhelm	R	78	2.19		82	3.40		20	2.70		25	4.62
147	Cal Koonce	R	83	4.99		98	3.48		21	5.57			
148	Pedro Borbon	R	41	6.15		17	6.75					122	3.17
149	Joe Gibbon	L	71	2.40		41	4.83		64	2.94			
150	Bob Priddy	R	36	4.46		73	5.42		64	4.22			
151	Chuck Hartenstein	R	96	3.95		56	6.75						
152	Tom Dukes	R	22	7.25		69	4.04		38	3.52		11	1.64
153	Don Shaw	L	66	5.21					51	2.65			
154	Ed Sprague	R	46	4.47					11	0.00		57	4.13
155	Al Severinsen	R	20	2.29					70	3.47		21	2.53
156	Jose Pena	R				57	4.42		43	3.56			
157	Jack DiLauro	L	64	2.40		34	4.28						
158	Ron Willis	R	35	3.89		56	4.02						
159	Jack Baldschun	R	77	4.79		13	10.13						
160	Paul Doyle	L	39	2.08		49	5.33						
161	Ramon Hernandez	L							12	0.73		70	1.67
162	John Boozer	R	82	4.28									
163	Billy McCool	L	59	4.30		22	6.23						

<b>Catchers</b>		Errors	1969	PA	BA	HR	'70	PA	BA	HR	'71	PA	BA	HR	'72	PA	BA	HR
164	Joe Torre	9	(1B, 3B 2.57)															
			R	673	.289	18	700	.325	21	701	.363	24	606	.289	11			
165	Johnny Bench	10	R	585	.293	26	659	.293	45	611	.238	27	640	.270	40			
166	Manny Sanguillen	12	R	474	.303	5	503	.325	7	555	.319	7	541	.298	7			
167	Johnny Edwards	7	L	551	.232	6	510	.221	7	343	.233	1	383	.268	5			
168	Tim McCarver	13	L	566	.260	7	179	.287	4	518	.278	8	430	.246	7			
169	John Bateman	17	R	248	.209	8	549	.237	15	515	.242	10	293	.224	3			
170	Jerry Grote	9	R	398	.252	6	452	.255	2	445	.270	2	234	.210	3			
171	Dick Dietz	16	R	300	.230	11	605	.300	22	554	.252	19	70	.161	1			
172	Ted Simmons	10	B				323	.243	3	549	.304	7	625	.303	16			
173	Chris Cannizzaro	14	R	460	.220	4	390	.279	5	301	.208	6	231	.240	2			
174	Randy Hundley	8	R	586	.255	18	266	.244	7	21	.333	0	379	.218	5			
175	Tom Haller	10	L	495	.263	6	359	.286	10	229	.267	5	136	.207	2			
176	Earl Williams	15	(1B, 3B 2.56)															
			R				22	.368	0	546	.260	33	633	.258	28			
177	Bill Sudakis	16	(3B 2.57)															
			B	503	.234	14	307	.264	14	96	.193	3	55	.143	1			
178	Mike Ryan	7	R	478	.204	12	150	.179	2	144	.164	3	117	.179	2			
179	Bob Barton	15	R	116	.170	0	204	.218	4	413	.250	5	90	.193	0			
180	Jack Hiatt	10	R	242	.196	7	266	.258	2	211	.276	1	80	.257	1			
181	Duffy Dyer	11	R	78	.257	3	169	.209	2	184	.231	2	358	.231	8			
182	Bob Didier	6	B	386	.256	0	181	.149	0	161	.219	0	43	.300	0			
183	John Boccabella	12	(1B)															
			R	93	.105	1	156	.269	5	192	.220	3	217	.227	1			
184	Hal King	18	L				238	.260	11	231	.207	5	150	.180	4			
185	Ron Brand	18	(SS 4.60)															
			R	318	.258	0	135	.238	0	59	.214	0						
186	Dave Rader	13	L										491	.259	6			
187	J.C. Martin	12	L	189	.209	4	98	.156	1	139	.264	2	55	.240	0			
188	Bob Tillman	11	R	208	.195	12	243	.238	11									
189	Fred Kendall	5	R	28	.154	0				118	.171	1	285	.216	6			
190	Pat Corrales	13	R	81	.264	1	114	.236	1	100	.181	0	134	.192	0			
191	Larry Howard	15	R				98	.307	2	67	.234	2	174	.223	2			
192	Milt May	11	L							135	.278	6	149	.281	0			
193	Ken Rudolph	17	R	40	.206	1	41	.100	0	83	.197	0	113	.236	2			
194	Terry Humphrey	13	R							26	.192	0	233	.186	1			
195	Fran Healy	16	R							108	.280	2	113	.152	1			

<b>First Basemen</b>		Errors	1969	PA	BA	HR	'70	PA	BA	HR	'71	PA	BA	HR	'72	PA	BA	HR
196	Lee May	8	R	658	.278	38	645	.253	34	599	.278	39	646	.284	29			
197	Nate Colbert	10	R	531	.255	24	632	.259	38	632	.264	27	635	.250	38			
198	Wes Parker	5	B	529	.278	13	693	.319	10	597	.274	6	490	.279	4			
199	Deron Johnson	9	R	535	.255	17	646	.256	27	656	.265	34	259	.213	9			
200	Willie McCovey	15	L	616	.320	45	635	.289	39	397	.277	18	303	.213	14			
201	Ron Fairly	9	(OF 2.03)															
			L	354	.274	12	461	.288	15	533	.257	13	495	.278	17			
202	Joe Pepitone	8	(OF 2.06)															
			L	544	.242	27	526	.258	26	455	.307	16	230	.262	8			
203	Orlando Cepeda	9	R	633	.257	22	623	.305	34	272	.276	14	94	.287	4			
204	Bob Watson	9	(OF 2.02)															
			R	48	.275	0	355	.272	11	511	.288	9	609	.312	16			
205	Bob Robertson	11	R	104	.208	1	443	.287	27	533	.271	26	350	.193	12			
206	Joe Hogue	8	(OF 2.04)															
			L	112	.170	2	515	.271	14	440	.226	16	251	.243	7			
207	Ed Kranepool	6	L	390	.238	11	52	.170	0	460	.280	14	362	.269	8			





	E	rng	1969	PA	BA	HR	'70	PA	BA	HR	'71	PA	BA	HR	'72	PA	BA	HR		
286	Dave	Concepcion	29	4.76	R		291	.260	1		345	.205	1		412	.209	2			
287	Enzo	Hernandez	30	4.73	R						606	.222	0		351	.195	1			
288	Billy	Grabarkewitz	25	4.73	(2B 4.23, 3B 2.68)															
					R	69	.092	0		630	.289	17		90	.225	0		164	.167	4
289	Marty	Perez	33	4.69	R						436	.227	4		512	.228	1			
290	Tim	Foli	28	4.78	(2B 4.27)									307	.226	0		571	.241	2
					R															
291	Woody	Woodward	20	4.71	(3B 2.67)															
					R	267	.261	0		286	.223	1		300	.242	0				
292	Gil	Garrido	18	4.74	(2B 4.24)															
					R	243	.220	0		382	.264	1		140	.216	0		87	.267	0
293	Bobby	Valentine	38	4.77	(2B 4.24, 3B 2.65, OF 2.10)									298	.249	1		420	.274	3
					R															
294	Steve	Huntz	25	4.70	(3B 2.63)															
					B	166	.194	3		419	.219	11		93	.209	2				
295	Darrel	Chaney	37	4.71	B	234	.191	0		99	.232	1		25	.125	0		225	.250	2
296	Jose	Arcia	37	4.75	(2B 4.24)															
					R	318	.215	0		248	.223	0								
297	Tommy	Dean	22	4.81	R	301	.176	2		169	.222	2		74	.114	0				
298	Marty	Martinez	35	4.74	(2B 4.25, 3B 2.65, OF 2.10)															
					B	208	.308	0		159	.220	0		65	.258	0		93	.159	0
299	Ted	Martinez	14	4.76	(2B 4.23)															
					R									132	.288	1		343	.224	1
300	Hector	Torres	39	4.76	(2B 4.24)															
					R	71	.159	1		71	.246	0		62	.224	0		195	.155	2
301	Ed	Crosby	31	4.73	(2B 4.23)															
					L					103	.253	0						296	.217	0
302	Jerry	DaVanon	41	4.76	(2B 4.24)															
					R	108	.202	1		20	.111	0		94	.235	0				

**Outfielders** (avg. fielding range = 2.10)

	E	rng	1969	PA	BA	HR	'70	PA	BA	HR	'71	PA	BA	HR	'72	PA	BA	HR		
303	Pete	Rose	2	2.12	B	720	.348	16		724	.316	15		703	.304	13		724	.307	6
304	Bobby	Bonds	6	2.13	R	713	.259	32		742	.302	26		686	.288	33		692	.259	26
305	Lou	Brock	10	2.08	L	707	.298	12		725	.304	13		717	.313	7		669	.311	3
306	Billy	Williams	5	2.06	L	705	.293	21		710	.322	42		674	.301	28		642	.333	37
307	Matty	Alou	6	2.14	(1B)															
					L	742	.331	1		712	.297	1		647	.315	7		562	.307	4
308	Willie	Davis	5	2.20	L	535	.311	11		623	.305	8		664	.309	10		643	.289	19
309	Jim	Wynn	4	2.13	R	646	.269	33		661	.282	27		462	.203	7		647	.273	24
310	Hank	Aaron	7	2.11	(1B)															
					R	636	.300	44		592	.298	38		568	.327	47		542	.265	34
311	Jose	Cardenal	8	2.14	R	606	.257	11		598	.293	10		542	.248	10		589	.291	17
312	Rusty	Staub	8	2.07	L	668	.302	29		684	.274	30		682	.311	19		272	.293	9
313	Tommie	Agee	9	2.18	R	627	.271	26		693	.286	24		477	.285	14		479	.227	13
314	Willie	Stargell	7	2.06	(1B)															
					L	589	.307	29		523	.264	31		601	.295	48		562	.293	33
315	Al	Oliver	6	2.14	(1B)															
					L	497	.285	17		600	.270	12		561	.282	14		604	.312	12
316	Ken	Henderson	9	2.08	B	421	.225	6		646	.294	17		591	.264	15		479	.257	18
317	Cleon	Jones	4	2.07	R	554	.340	12		568	.277	10		560	.319	14		409	.245	5
318	Ollie	Brown	7	2.08	R	615	.264	20		568	.292	23		539	.273	9		332	.248	4
319	Bobby	Tolan	6	2.15	L	679	.305	21		658	.316	16						654	.283	8
320	Cito	Gaston	8	2.13	R	416	.230	2		627	.318	29		544	.228	17		403	.269	7
321	Roberto	Clemente	4	2.14	R	566	.345	19		452	.352	14		548	.341	13		407	.312	10
322	Willie	Mays	9	2.18	R	455	.283	13		560	.291	28		532	.271	18		305	.250	8
323	Jim	Hickman	5	2.08	(1B)															
					R	385	.237	21		608	.315	32		436	.256	19		422	.272	17
324	Johnny	Callison	5	2.06	L	547	.265	16		540	.264	19		328	.210	8		293	.258	9
325	Cesar	Cedeno	6	2.17	R					372	.310	7		639	.264	10		620	.320	22
326	Manny	Mota	7	2.06	R	416	.231	2		467	.285	2		388	.212	0		402	.222	5

