Colorado Rockies 2018 - Week #17

Jim Reed (jdreed@q.com)

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Colorado Rockies win over Houston Astros!.

"Baseball is a man maker." – Al Spalding

"And Spalding is a baseball maker." ~ Jim Reed

Colorado Rockies Statistics Snapshot

NL West Standings

Tm	W	L	GB
Los Angeles Dodgers	59	47	--
Arizona Diamondbacks	59	48	0.5
Colorado Rockies	57	47	1.0
San Francisco Giants	53	54	6.5
San Diego Padres	42	66	18.0

Close race in the NL West!

Current Wins, Runs, Runs Against and Predicted Season Wins

Wins	Losses	Win.Pct	Runs	Runs.Ag	Pred.Season.Wins
57	47	54.808	500	503	81.000

Colorado Rockies Weekly Newletter

Week #17

- The Baseball Codes
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The source data for this article can be found at URL http://baseball-reference.com.

The Baseball Codes

This Jason Turbow post was originally seen in 2011. Sign Stealing? The insteresting point in this article is the fact that statistics support the accusation. The increase in home runs by the Bluie Jays increased dramtically in 2010.

Accusations Against the Blue Jays Explode: Sign Stealing at the Rogers Centre?

Posted on August 10, 2011 by Jason Turbow in Sign stealing, Toronto Blue Jays

Back in July, when Joe Girardi intimated that the Blue Jays might be employing some beyond-the-field methods of acquiring other teams' signs at the Rogers Centre, people didn't pay much attention.

When Hardball Talk suggested that the Red Sox felt similarly, based on the fact that catcher Jarrod Saltalamacchia was putting down complex signs for Clay Buchholz in Toronto, even with nobody on base, it made barely a ripple. Jorge Posada did something similar when the Yankees came to town, but still, not much was said.

Now that ESPN.com has given us more than 2,000 words on the topic, however, featuring an anonymous reliever threatening to hit Jose Bautista "in the fucking head" if the Blue Jays don't knock off their sign stealing, eyes are starting to settle on happenings north of the border.

In the piece, by Amy Nelson, four unnamed relievers from the same team offered details: The guy doing the relaying was wearing a white shirt, for better visibility from the plate; he was positioned in the center field stands, just beyond the pitcher, to be easily seen by the batter without being detected; he put his arms over his head for any offering but a fastball; and he was stationed only 25 yards from the bullpen, which is how the relievers came to see him so clearly.

Some of the pitchers recalled seeing the guy doing something similar at the tail end of the 2009 season. They quickly called the dugout and had their catcher start mixing up his signs. An inning later the man in white departed.

Bautista confirmed the confrontation, but denied that A) it had been about sign stealing, and B) the Blue Jays do anything of the sort, highlighted by the phrase, "We do not cheat." Later in the story, Blue Jays GM Alex Anthopoulos offers a similar denial.

So how to reconcile these viewpoints? The Blue Jays' home record doesn't reflect any improprieties—they're 28-27 at home, 30-30 on the road—but other statistics appear to be damning. See the ESPN story for a full rundown, but here's a smattering of examples:

- Toronto's home run rate on contact at home last season was 5.4 percent, about 50 percent higher than on the road, yet their opponents hit fewer homers in Toronto than at a neutral ballpark.

- From 2005-09, the Rogers Centre saw .002 more home runs for every ball put in play than average. In 2010, that number shot up to .011—but only for the Blue Jays.

- In 2010, the Blue Jays had the highest isolated power (slugging percentage minus batting average) of any team since 1954—most of which came at home. (The 150 homers they hit in Toronto were three shy of the all-time home record set by the Rangers in 2005.)

- Seven Blue Jays regulars had an OPS at least 50 points higher at home than on the road; six of them were more than 100 points higher; three were 200 points higher.

This season, the Blue Jays have hit 71 homers at home and 57 on the road, despite having fewer than half their plate appearances at the Rogers Centre. They also have wide home/road splits for batting average (.261/.249), slugging percentage (.444/.389) and OPS (.770/.701). (All numbers are through Tuesday's games.)

There's also the case of Vernon Wells, as detailed by Hardball Talk. The slugger featured relatively equitable home-road OPS splits while playing for the Blue Jays—until last season, when he hit .991 at home, and .708 road. This number gathers momentum when combined with his .622 OPS this season with the Angels.

None of it, of course, is conclusive. Wells is in a new environment, has had his share of struggles as of late, and could simply be aging. The Blue Jays might simply be that much better at home than everybody else. For what it's worth, J.P. Arencibia has denied everything, with some colorful language, on Twitter.

Ultimately, it comes down to this: Rare is the ballplayer or manager who sees sign stealing from the basepaths as anything more than an indication that it's time to get better signs. When things move beyond the field of play, however, tempers can get testy, quickly.

(Wild home-road splits are a common indicator that something shady is going on. Though nothing was ever proved, the fact that the Rangers performed much better at home than on the road in recent years made them prime suspects around the American League.)

The Baseball Codes details the travails of pitcher Al Worthington, who in 1960 was traded to the White Sox—in part because he didn't approve of the sign stealing done by his former team, the Giants. When he arrived in Chicago, however, he found an elaborate system in place in Comisky Park.

When the team played at home, Chicago's pitching instructor and former Tigers standout, Dizzy Trout, watched the opposing catcher from inside the recently installed Comiskey Park "exploding" scoreboard—a pyrotechnic exhibition unlike any seen in baseball up to that time. Trout then triggered a light hidden amid many others in the center-field display, that signaled hitters to the type of pitch about to be thrown—blinking meant breaking ball, solid meant fastball. It could be seen from both the plate and the White Sox dugout along the third-base line, but not from the visitors' dugout near first. The scheme was incredibly effective, helping the Sox build a 51-26 record (.662) at home that year, even as they struggled to a 36-41 mark (.468) on the road.

Worthington complained to manager Al Lopez, who insisted that the system was morally acceptable. Said the pitcher: "I thought later, Well, if it's okay to do it, why don't they tell everyone?"

Toronto's methods (if the allegations are true) are not nearly that complex, and aren't even original. Former Tigers catcher Bill Freehan talked about similar situations during his own playing days:

You'd have a buddy on Oakland, and he'd tell you hey, we've got a guy out there in the background, so we aren't looking at the pitcher, we're looking over his head and somebody's putting his right hand up for a fastball. As a catcher—especially when your team's getting lit up—you start to think, "Uh-oh, have they got them here?" There would be guys in the wall at Fenway, and sometimes you had to make changes every inning.

So: Fenway, Oakland, Texas, San Francisco, Chicago. In the 1940s the Indians pinched signs with a military-grade gun sight brought back from WWII by Bob Feller. The New York Giants did something similar during the fabled 1951 season of The Shot Heard 'Round the World. (Visiting teams, for that matter, were known to steal signs from the center field clubhouses of the Polo Grounds.) The Cubs spent much of the 1960s signaling hitters from the Wrigley Field scoreboard.

It's safe to say that this kind of thing happens more than outsiders (or even insiders) care to imagine. The one commonality between all these accusations: Once they're caught, the allegedly guilty parties are expected to stop.

So even though the league office has yet to field a complaint about the Blue Jays, expect extra vigilance from visitors to the Rogers Centre and an almost certain disappearance of the man in the white shirt. Should anybody see something suspicious, things have now reached the point at which hitting somebody "in the fucking head" (or, more appropriately, in the fucking hip), is a real possibility.

Update (8/11): Bautista says the team making accusations is the White Sox. (This was actually sussed out earlier by the Steal of Home blog, which not only fingered Chicago, but provided some screen caps of the possible man in white.)

Updated 2 (8/11): In Toronto to face the Blue Jays, A's reliever Grant Balfour told the San Francisco Chronicle that he was aware of the rumors about the man in the white shirt, but has seen no evidence to support it. "If you're [stealing signs like that], you're going to wear it," he said. "That's the way it goes. Be prepared to get worn out. Go ahead, but know that that's the unwritten rule."

– Jason

Rockies Dashboard

Win Loss Margin

One of the many ways to visualize a teams performance is to show wins and losses as the margin of the win (positive) or loss (negative). In the graphs below, we show the current season performance. For emphasis, wins are displayed in green (above the zero) and losses in red (below).

Following the current season's graph, I have included the Win/Loss margin chart for our benchmark season of 2007 when the Rockies won the National League pennant.

Rockies 2018 Win/Loss Margin
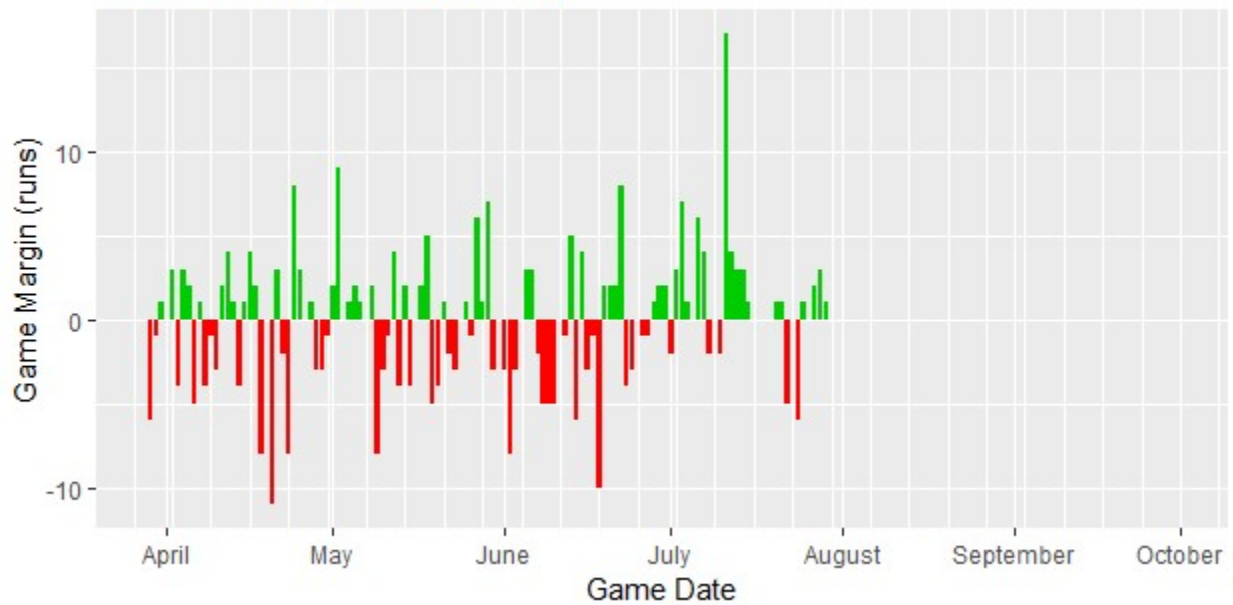
Rockies 2007 Win/Loss Margin
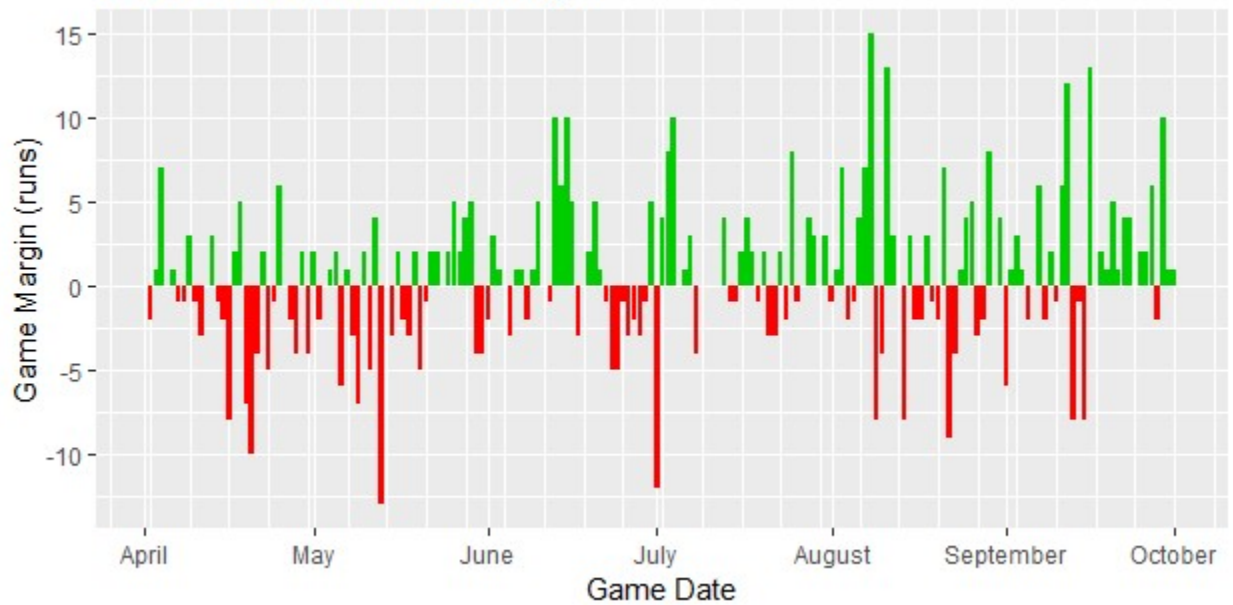
Top Twelve Rockies Players as Measured by WAR

Rank	Name	Age	WAR
1	Kyle Freeland	25	4.800
2	Nolan Arenado	27	4.200
3	Tyler Anderson	28	4.100
4	Trevor Story	25	3.200
5	Adam Ottavino	32	2.800
6	German Marquez	23	2.200
7	Jon Gray	26	1.300
8	DJ LeMahieu	29	1.300
9	Scott Oberg	28	1.100
10	Chad Bettis	29	0.900
11	Wade Davis	32	0.700
12	Carlos Gonzalez	32	0.600

National League Standings

NL East Standings

Tm	W	L	GB
Philadelphia Phillies	58	47	--
Atlanta Braves	55	47	1.5
Washington Nationals	52	53	6.0
Miami Marlins	46	61	13.0
New York Mets	44	59	13.0

NL Central Standings

Tm	W	L	GB
Chicago Cubs	61	44	--
Milwaukee Brewers	61	47	1.5
Pittsburgh Pirates	55	52	7.0
St. Louis Cardinals	53	52	8.0
Cincinnati Reds	48	58	13.5

NL West Standings

Tm	W	L	GB
Los Angeles Dodgers	59	47	--
Arizona Diamondbacks	59	48	0.5
Colorado Rockies	57	47	1.0
San Francisco Giants	53	54	6.5
San Diego Padres	42	66	18.0

American League Standings

AL East Standings

Tm	W	L	GB
Boston Red Sox	74	33	--
New York Yankees	67	37	5.5
Tampa Bay Rays	53	53	20.5
Toronto Blue Jays	48	56	24.5
Baltimore Orioles	32	74	41.5

AL Central Standings

Tm	W	L	GB
Cleveland Indians	57	47	--
Minnesota Twins	48	56	9.0
Detroit Tigers	45	62	13.5
Chicago White Sox	37	68	20.5
Kansas City Royals	32	73	25.5

NL West Standings

Tm	W	L	GB
Houston Astros	67	40	--
Seattle Mariners	62	43	4.0
Oakland Athletics	61	46	6.0
Los Angeles Angels	54	53	13.0
Texas Rangers	45	62	22.0

Rockies Game-by-Game Schedule/Results

Gm.Num	Day	Date	HA	Opp	WL	R	RA	Win	Loss	Save	DN	Streak
1	Thu	Mar 29	A	ARI	L	2.000	8.000	Corbin	Gray		N	-
2	Fri	Mar 30	A	ARI	L	8.000	9.000	Ray	Senzatela	Boxberger	N	--
3	Sat	Mar 31	A	ARI	W	2.000	1.000	Shaw	Salas	Davis	N	+
4	Mon	Apr 2	A	SDP	W	7.000	4.000	Bettis	Mitchell	Davis	N	++
5	Tue	Apr 3	A	SDP	L	4.000	8.000	Ross	Freeland	Hand	N	-
6	Wed	Apr 4	A	SDP	W	5.000	2.000	Gray	Richard	Davis	N	+
7	Thu	Apr 5	A	SDP	W	3.000	1.000	Ottavino	Hand	Davis	D	++
8	Fri	Apr 6	H	ATL	L	3.000	8.000	McCarthy	Marquez		D	-
9	Sat	Apr 7	H	ATL	W-wo	3.000	2.000	Ottavino	Vizcaino		N	+
10	Sun	Apr 8	H	ATL	L	0.000	4.000	Newcomb	Freeland		D	-
11	Mon	Apr 9	H	SDP	L	6.000	7.000	Richard	Gray	Hand	N	--
12	Tue	Apr 10	H	SDP	L	2.000	5.000	Lucchesi	Shaw	Hand	N	---
13	Wed	Apr 11	H	SDP	W	6.000	4.000	Senzatela	Baumann	Davis	D	+
14	Thu	Apr 12	A	WSN	W	5.000	1.000	Bettis	Gonzalez		N	++
15	Fri	Apr 13	A	WSN	W	2.000	1.000	Oberg	Roark	Davis	N	+++
16	Sat	Apr 14	A	WSN	L	2.000	6.000	Scherzer	Gray		D	-
17	Sun	Apr 15	A	WSN	W	6.000	5.000	Ottavino	Doolittle	Davis	D	+
18	Mon	Apr 16	A	PIT	W	6.000	2.000	Marquez	Brault		N	++
19	Tue	Apr 17	A	PIT	W	2.000	0.000	Bettis	Williams	Davis	N	+++
20	Wed	Apr 18	A	PIT	L	2.000	10.000	Kuhl	Freeland		D	-
21	Fri	Apr 20	H	CHC	L	5.000	16.000	Hendricks	Gray		N	--
22	Sat	Apr 21	H	CHC	W	5.000	2.000	Anderson	Darvish	Davis	N	+

Gm.Num	Day	Date	HA	Opp	WL	R	RA	Win	Loss	Save	DN	Streak
23	Sun	Apr 22	H	CHC	L	7.000	9.000	Quintana	Marquez	Morrow	D	-
24	Mon	Apr 23	H	SDP	L	5.000	13.000	Erlin	McGee		N	--
25	Tue	Apr 24	H	SDP	W	8.000	0.000	Freeland	Lauer		N	+
26	Wed	Apr 25	H	SDP	W	5.000	2.000	Gray	Ross		D	++
27	Fri	Apr 27	A	MIA	W	1.000	0.000	Senzatela	Urena	Davis	N	+++
28	Sat	Apr 28	A	MIA	L	1.000	4.000	Chen	Marquez	Barraclough	N	-
29	Sun	Apr 29	A	MIA	L	0.000	3.000	Smith	Bettis	Ziegler	D	--
30	Mon	Apr 30	A	CHC	L	2.000	3.000	Farrell	Freeland	Cishek	N	---
31	Tue	May 1	A	CHC	W	3.000	1.000	Gray	Hendricks	Davis	N	+
32	Wed	May 2	A	CHC	W	11.000	2.000	Anderson	Darvish		D	++
33	Fri	May 4	A	NYM	W	8.000	7.000	Marquez	Wheeler	Davis	N	+++
34	Sat	May 5	A	NYM	W	2.000	0.000	Bettis	Matz	Davis	N	++++
35	Sun	May 6	A	NYM	W	3.000	2.000	Freeland	Robles	Ottavino	D	+++++
36	Tue	May 8	H	LAA	W	4.000	2.000	Gray	Heaney	Davis	N	++++++
37	Wed	May 9	H	LAA	L	0.000	8.000	Barria	Anderson		D	-
38	Thu	May 10	H	MIL	L	2.000	5.000	Chacin	Marquez	Jeffress	N	--
39	Fri	May 11	H	MIL	L	10.000	11.000	Jeffress	McGee	Hader	N	---
40	Sat	May 12	H	MIL	W	4.000	0.000	Freeland	Suter		N	+
41	Sun	May 13	H	MIL	L	3.000	7.000	Peralta	Gray		D	-
42	Mon	May 14	A	SDP	W	6.000	4.000	Anderson	Makita	Davis	N	+
43	Tue	May 15	A	SDP	L	0.000	4.000	Lyles	Marquez	Hand	D	-
44	Thu	May 17	A	SFG	W	5.000	3.000	McGee	Johnson	Davis	N	+

Gm.Num	Day	Date	HA	Opp	WL	R	RA	Win	Loss	Save	DN	Streak
45	Fri	May 18	A	SFG	W	6.000	1.000	Freeland	Holland		N	++
46	Sat	May 19	A	SFG	L	4.000	9.000	Stratton	Gray		D	-
47	Sun	May 20	A	SFG	L	5.000	9.000	Dyson	Shaw		D	--
48	Mon	May 21	A	LAD	W	2.000	1.000	Marquez	Baez	Davis	N	+
49	Tue	May 22	A	LAD	L	3.000	5.000	Chargois	Shaw	Jansen	N	-
50	Wed	May 23	A	LAD	L	0.000	3.000	Maeda	Freeland	Jansen	N	--
51	Fri	May 25	H	CIN	W	5.000	4.000	Gray	Romano	Davis	N	+
52	Sat	May 26	H	CIN	L	5.000	6.000	Lorenzen	Rusin	Hughes	N	-
53	Sun	May 27	H	CIN	W	8.000	2.000	Marquez	Harvey		D	+
54	Mon	May 28	H	SFG	W-wo	6.000	5.000	Shaw	Strickland		N	++
55	Tue	May 29	H	SFG	W	11.000	4.000	Freeland	Samardzija		N	+++
56	Wed	May 30	H	SFG	L	4.000	7.000	Holland	Musgrave	Strickland	N	-
57	Fri	Jun 1	H	LAD	L	8.000	11.000	Santana	Pounders	Jansen	N	--
58	Sat	Jun 2	H	LAD	L	4.000	12.000	Baez	Shaw		N	---
59	Sun	Jun 3	H	LAD	L	7.000	10.000	Cingrani	Davis	Jansen	D	----
60	Tue	Jun 5	A	CIN	W	9.000	6.000	Freeland	DeSclafani	Davis	N	+
61	Wed	Jun 6	A	CIN	W	6.000	3.000	Gray	Romano	Davis	N	++
62	Thu	Jun 7	A	CIN	L-wo	5.000	7.000	Floro	Rusin		D	-
63	Fri	Jun 8	H	ARI	L	4.000	9.000	Greinke	Marquez		N	--
64	Sat	Jun 9	H	ARI	L	7.000	12.000	Bracho	Shaw		N	---
65	Sun	Jun 10	H	ARI	L	3.000	8.000	Godley	Freeland		D	----
66	Tue	Jun 12	A	PHI	L	4.000	5.000	Nola	Gray	Dominguez	N	-----
67	Wed	Jun 13	A	PHI	W	7.000	2.000	Anderson	Pivetta		N	+

Gm.Num	Day	Date	HA	Opp	WL	R	RA	Win	Loss	Save	DN	Streak
68	Thu	Jun 14	A	PHI	L	3.000	9.000	Velasquez	Marquez		D	-
69	Fri	Jun 15	A	TEX	W	9.000	5.000	Bettis	Mendez		N	+
70	Sat	Jun 16	A	TEX	L	2.000	5.000	Leclerc	Musgrave	Kela	D	-
71	Sun	Jun 17	A	TEX	L-wo	12.000	13.000	Chavez	Davis		D	--
72	Mon	Jun 18	H	NYM	L	2.000	12.000	deGrom	Anderson		N	---
73	Tue	Jun 19	H	NYM	W	10.000	8.000	Marquez	Vargas		N	+
74	Wed	Jun 20	H	NYM	W	10.000	8.000	Shaw	Gsellman	Davis	N	++
75	Thu	Jun 21	H	NYM	W	6.000	4.000	Freeland	Matz	McGee	D	+++
76	Fri	Jun 22	H	MIA	W	11.000	3.000	Gray	Chen		N	++++
77	Sat	Jun 23	H	MIA	L	2.000	6.000	Richards	Anderson		D	-
78	Sun	Jun 24	H	MIA	L	5.000	8.000	Rucinski	Marquez	Barraclough	D	--
79	Tue	Jun 26	A	SFG	L	2.000	3.000	Watson	Ottavino	Dyson	N	---
80	Wed	Jun 27	A	SFG	L-wo	0.000	1.000	Moronta	Musgrave		N	----
81	Thu	Jun 28	A	SFG	W	9.000	8.000	Ottavino	Dyson	Davis	D	+
82	Fri	Jun 29	A	LAD	W	3.000	1.000	Anderson	Hill	Davis	N	++
83	Sat	Jun 30	A	LAD	W	3.000	1.000	Marquez	Maeda	Ottavino	D	+++
84	Sun	Jul 1	A	LAD	L	4.000	6.000	Hudson	Ottavino	Jansen	D	-
85	Mon	Jul 2	H	SFG	W	5.000	2.000	Freeland	Bumgarner	Davis	N	+
86	Tue	Jul 3	H	SFG	W	8.000	1.000	Senzatela	Stratton		N	++
87	Wed	Jul 4	H	SFG	W	1.000	0.000	Anderson	Suarez	Davis	N	+++
88	Fri	Jul 6	A	SEA	W	7.000	1.000	Marquez	Hernandez		N	++++
89	Sat	Jul 7	A	SEA	W	5.000	1.000	Oberg	Paxton		D	+++++
90	Sun	Jul 8	A	SEA	L	4.000	6.000	LeBlanc	Senzatela	Diaz	D	-

Gm.Num	Day	Date	HA	Opp	WL	R	RA	Win	Loss	Save	DN	Streak
91	Tue	Jul 10	H	ARI	L	3.000	5.000	Delgado	McGee	Boxberger	N	--
92	Wed	Jul 11	H	ARI	W	19.000	2.000	Marquez	Miller		N	+
93	Thu	Jul 12	H	ARI	W	5.000	1.000	Oberg	Ray		D	++
94	Fri	Jul 13	H	SEA	W	10.000	7.000	Musgrave	Bergman	Davis	N	+++
95	Sat	Jul 14	H	SEA	W	4.000	1.000	Gray	LeBlanc	Davis	N	++++
96	Sun	Jul 15	H	SEA	W-wo	4.000	3.000	Oberg	Vincent		D	+++++
97	Fri	Jul 20	A	ARI	W	11.000	10.000	Oberg	Bradley	Ottavino	N	++++++
98	Sat	Jul 21	A	ARI	W	6.000	5.000	Oberg	Hirano	Davis	N	+++++++
99	Sun	Jul 22	A	ARI	L	1.000	6.000	Greinke	Senzatela		D	-
100	Tue	Jul 24	H	HOU	L	2.000	8.000	Rondon	Davis		N	--
101	Wed	Jul 25	H	HOU	W-wo	3.000	2.000	Davis	McHugh		N	+
102	Fri	Jul 27	H	OAK	W	3.000	1.000	Freeland	Manaea	Ottavino	N	++
103	Sat	Jul 28	H	OAK	W	4.000	1.000	Senzatela	Anderson	Davis	N	+++
104	Sun	Jul 29	H	OAK	W	3.000	2.000	Marquez	Montas	Davis	D	++++

The Rockies current record is 57 Wins and 47 Losses. So far, the Rockies have scored 500 runs and have had 503 runs scored against them.

Pythagorean Win-Loss Theorem

$$predictedW\% = \frac{R^k}{R^k + RA^k}$$

Using the commonly used values of k, the Rockies predicted wins for the 2017 are shown in the table below. Remember this statistic will vary widely over the course of the season.

Wins (k =1.81)	Wins (k=1.83)	Wins (k=2.0)
W181	W183	W200
81.000	81.000	81.000

Batting Statistics (non-pitchers)

Batting Statistics (1 of 2)

Rk	Pos	Name	Age	G	AB	R	H	TwoB	ThreeB	HR	RBI	SB	CS	BB
1	C	Iannetta	35	66	198	22	44	9	0	7	22	0	0	28
2	1B	Desmond	32	101	360	55	87	12	5	19	59	12	4	32
3	2B	LeMahieu	29	72	302	52	84	22	0	8	34	5	3	23
4	SS	Story	25	103	394	52	114	28	5	20	68	13	5	35
5	3B	Arenado	27	98	372	69	114	22	2	27	75	2	1	54
6	LF	Parra*	31	94	294	40	83	15	0	5	42	7	3	22
7	CF	Blackmon*	31	99	398	78	116	17	4	20	47	5	3	39
8	RF	Gonzalez*	32	84	289	49	83	20	2	12	45	4	1	21
9	C	Wolters*	26	47	124	13	19	1	3	2	18	2	0	15
10	OF	Cuevas	26	63	136	14	33	4	1	2	8	0	0	6
11	IF	Valaika	25	49	102	7	16	4	0	2	4	0	0	9
12	IF	McMahon*	23	48	99	8	22	6	1	2	10	0	0	10
13	OF	Dahl*	24	32	91	8	25	3	2	4	13	2	1	4
14	C	Murphy	27	25	71	5	20	7	1	2	11	0	1	2
15	2B	Castro	25	18	46	2	8	1	0	1	6	0	0	1
16	OF	Tauchman*	27	21	32	5	3	1	0	0	0	1	0	4
17	2B	Hampson	23	6	17	1	4	1	1	0	2	0	0	3
18	UT	Tapia*	24	14	18	4	4	2	0	1	5	0	0	2

Batting Statistics (2 of 2)

Rk	Pos	Name	Age	SO	BA	OBP	SLG	OPS	OPSplus	TB	GDP	HBP	SH	SF	IBB
1	C	Iannetta	35	61	.222	.330	.374	.704	79	74	8	5	1	2	3
2	1B	Desmond	32	101	.242	.309	.461	.770	92	166	8	4	0	2	0
3	2B	LeMahieu	29	46	.278	.324	.430	.755	90	130	8	0	1	5	0
4	SS	Story	25	111	.289	.352	.538	.890	122	212	6	5	0	3	2
5	3B	Arenado	27	77	.306	.392	.594	.986	146	221	10	0	0	3	5
6	LF	Parra*	31	58	.282	.335	.384	.720	83	113	5	3	2	3	2
7	CF	Blackmon*	31	84	.291	.361	.505	.866	117	201	8	5	0	1	1
8	RF	Gonzalez*	32	70	.287	.335	.495	.830	108	143	5	1	0	2	4
9	C	Wolters*	26	24	.153	.269	.258	.527	35	32	4	5	0	1	0
10	OF	Cuevas	26	22	.243	.280	.331	.611	55	45	1	1	0	0	1
11	IF	Valaika	25	26	.157	.225	.255	.480	22	26	3	0	1	0	0
12	IF	McMahon*	23	35	.222	.291	.364	.655	65	36	0	0	0	1	1
13	OF	Dahl*	24	28	.275	.309	.484	.793	97	44	2	1	0	1	0
14	C	Murphy	27	28	.282	.301	.493	.794	97	35	2	0	0	0	0
15	2B	Castro	25	7	.174	.191	.261	.452	14	12	2	0	0	0	1
16	OF	Tauchman*	27	15	.094	.194	.125	.319	-16	4	0	0	1	0	0
17	2B	Hampson	23	4	.235	.350	.412	.762	93	7	0	0	0	0	0
18	UT	Tapia*	24	5	.222	.300	.500	.800	98	9	0	0	0	0	0

- * - bats left-handed, # - bats both, else - bats right, ? - unknown; OPS_lg for OPS+ does not include pitchers.

Pitching Statistics

Rockies Pitching Statistics (1 of 2)

Rk	Pos	Name	Age	W	L	WLpct	ERA	G	GS	GF	CG	SHO	SV	IP	H	R
1	SP	Freeland*	25	9	6	.600	3.13	21	21	0	0	0	0	126.2	112	44
2	SP	Anderson*	28	6	3	.667	3.57	21	21	0	0	0	0	121.0	102	52
3	SP	Marquez	23	9	8	.529	4.82	21	21	0	0	0	0	115.2	119	67
4	SP	Gray	26	8	7	.533	5.16	19	19	0	0	0	0	106.1	114	64
5	SP	Bettis	29	5	1	.833	5.10	17	17	0	0	0	0	95.1	95	54
6	CL	Davis	32	1	3	.250	4.30	46	0	41	0	0	30	44.0	29	22
7	RP	Ottavino	32	4	2	.667	1.43	47	0	12	0	0	4	50.1	25	9
8	RP	Shaw	30	3	5	.375	7.08	46	0	7	0	0	0	40.2	55	38
9	RP	Rusin*	31	0	2	.000	6.81	35	0	7	0	0	0	39.2	42	33
10	RP	McGee*	31	1	3	.250	5.91	41	0	5	0	0	1	35.0	41	25
11		Senzatela	23	4	3	.571	5.01	14	4	2	0	0	0	41.1	41	24
12		Oberg	28	6	0	1.000	2.93	29	0	4	0	0	0	30.2	28	11
13		Musgrave*	26	1	3	.250	4.76	20	0	6	0	0	0	28.1	20	15
14		Dunn*	33	0	0		9.00	25	0	6	0	0	0	17.0	22	17
15		Pounders	27	0	1	.000	7.63	14	0	11	0	0	0	15.1	25	13
16		Hoffman	25	0	0		9.35	6	1	1	0	0	0	8.2	15	9
17		Almonte	24	0	0		1.42	5	0	1	0	0	0	6.1	7	3
18		Oh	35	0	0		0.00	1	0	0	0	0	0	1.0	1	0
19		Howard*	25	0	0		0.00	1	0	1	0	0	0	1.0	1	0
20		Vasto*	26	0	0		40.50	1	0	0	0	0	0	0.2	3	3

Rockies Pitching Statistics (2 of 2)

Rk	Pos	Name	ER	HR	BB	IBB	SO	HBP	BK	WP	BF	ERAplus	FIP	WHIP
1	SP	Freeland*	44	13	44	2	100	5	0	0	528	151	4.08	1.232
2	SP	Anderson*	48	17	41	0	112	2	1	6	494	133	4.21	1.182
3	SP	Marquez	62	19	41	3	120	4	0	4	504	98	4.39	1.383
4	SP	Gray	61	11	32	1	131	2	1	5	464	92	3.00	1.373
5	SP	Bettis	54	15	38	3	69	4	1	3	409	93	5.08	1.395
6	CL	Davis	21	5	22	0	49	2	0	5	180	111	4.05	1.159
7	RP	Ottavino	8	2	19	2	76	3	0	4	190	332	1.97	0.874
8	RP	Shaw	32	8	22	1	41	0	0	7	194	67	5.33	1.893
9	RP	Rusin*	30	7	20	0	34	2	1	3	179	70	5.41	1.563
10	RP	McGee*	23	6	10	1	33	2	0	4	156	81	4.54	1.457
11		Senzatela	23	3	15	0	32	2	0	0	179	95	3.79	1.355
12		Oberg	10	1	9	0	26	3	0	0	128	163	3.07	1.207
13		Musgrave*	15	4	16	1	20	1	1	1	119	100	5.39	1.271
14		Dunn*	17	1	18	0	12	0	0	1	83	53	5.69	2.353
15		Pounders	13	3	2	0	17	2	0	1	72	63	4.27	1.761
16		Hoffman	9	0	7	1	5	0	0	1	44	52	4.43	2.538
17		Almonte	1	0	2	0	2	0	0	1	25	349	3.48	1.421
18		Oh	0	0	1	0	0	0	0	0	5		6.16	2.000
19		Howard*	0	0	0	0	0	0	0	0	4		3.16	1.000
20		Vasto*	3	0	1	0	1	0	0	0	6	17	4.66	6.000

* - throws left-handed

National League Team Standard Batting (1 of 2)

Tm	NumBat	BatAge	RperG	G	PA	AB	R	H	TwoB	ThreeB	HR	RBI	SB	CS	BB	SO
CHC	41	27.000	5.020	105	4192	3668	527	974	196	23	112	504	49	25	407	885
COL	38	28.700	4.810	104	3930	3532	500	907	178	27	135	480	53	22	319	892
ATL	45	27.600	4.790	102	3985	3568	489	922	214	16	109	468	58	23	326	815
LAD	46	28.100	4.750	106	4110	3607	504	881	189	21	143	471	32	16	408	906
CIN	43	27.300	4.690	106	4173	3654	497	943	172	13	112	479	51	17	410	880
PIT	36	28.000	4.520	107	4042	3620	484	924	184	31	113	466	50	22	323	808
ARI	43	29.100	4.500	107	4084	3604	481	846	174	35	114	457	56	20	388	969
STL	42	28.300	4.460	105	4015	3563	468	880	152	6	132	448	38	23	344	889
PHI	42	26.300	4.420	105	4003	3526	464	834	157	17	126	448	39	16	394	1010
LgAvg	43	28.100	4.410	106	4047	3597	466	888	175	19	116	444	50	21	358	910
WSN	46	27.800	4.380	105	4022	3550	460	867	164	15	123	438	74	24	390	863
MIL	48	28.600	4.370	108	4070	3642	472	899	165	13	134	445	84	22	347	981
SFG	43	30.100	4.050	107	4091	3684	433	923	190	19	98	411	41	22	322	935
NYM	51	28.800	3.950	103	3898	3438	407	785	163	18	104	392	40	20	371	882
MIA	44	28.000	3.830	107	4101	3688	410	901	151	18	86	383	29	19	314	923
SDP	42	27.200	3.700	108	3985	3610	400	837	169	18	92	374	61	27	312	1018

National League Team Standard Batting (2 of 2)

Tm	NumBat	BatAge	RperG	BA	OBP	SLG	OPS	OPSplus	TB	GDP	HBP	SH	SF	IBB	LOB
CHC	41	27.000	5.020	0.266	0.345	0.423	0.768	102	1552	69	53	30	30	46	826
COL	38	28.700	4.810	0.257	0.322	0.437	0.759	91	1544	73	31	24	24	20	666
ATL	45	27.600	4.790	0.258	0.326	0.419	0.745	104	1495	65	40	29	22	34	728
LAD	46	28.100	4.750	0.244	0.325	0.427	0.753	103	1541	73	39	29	27	30	734
CIN	43	27.300	4.690	0.258	0.339	0.404	0.743	100	1477	91	48	39	22	27	811
PIT	36	28.000	4.520	0.255	0.320	0.417	0.737	100	1509	70	40	22	35	25	715
ARI	43	29.100	4.500	0.235	0.313	0.397	0.710	84	1432	65	36	27	29	23	717
STL	42	28.300	4.460	0.247	0.318	0.404	0.722	96	1440	69	42	34	31	19	711
PHI	42	26.300	4.420	0.237	0.318	0.398	0.716	92	1403	72	37	22	22	24	730
LgAvg	43	28.100	4.410	0.247	0.320	0.403	0.722	94	1448	75	39	25	26	26	733
WSN	46	27.800	4.380	0.244	0.323	0.403	0.726	91	1430	64	36	21	25	33	735
MIL	48	28.600	4.370	0.247	0.316	0.410	0.726	92	1492	88	34	20	25	16	721
SFG	43	30.100	4.050	0.251	0.314	0.392	0.706	93	1445	76	34	21	30	32	765
NYM	51	28.800	3.950	0.228	0.309	0.377	0.686	91	1296	82	44	16	29	25	696
MIA	44	28.000	3.830	0.244	0.311	0.365	0.676	90	1346	87	52	18	25	19	771
SDP	42	27.200	3.700	0.232	0.296	0.365	0.661	81	1318	84	23	22	18	19	662

Current Injuries

Name	Details	POS	Status	Date	Injury	Returns
Mike Dunn	shoulderRockies transferred LHP Mike Dunn to the 60-day disabled list.Out indefinitelyJul 27	R	60-Day DL	Jul 27	shoulder	Out indefinitely
Chris Rusin	footRockies placed LHP Chris Rusin on the 10-day disabled list with left plantar fasciitis.Mid-August?Jul 24	R	10-Day DL	Jul 24	foot	Mid-August?
DJ LeMahieu	obliqueRockies placed 2B DJ LeMahieu on the 10-day disabled list with a left oblique strain.Out indefinitelyJul 21	2B	10-Day DL	Jul 21	oblique	Out indefinitely
Chad Bettis	fingerChad Bettis (finger) was removed from his minor league rehab start at Triple-A Albuquerque on Sunday due to the blister on his right middle finger bothering him again.Late JulyJul 22	S	10-Day DL	Jul 3	finger	Late July
Rayan Gonzalez	elbowRockies placed RHP Rayan Gonzalez on the 60-day disabled list with a torn right ulnar collateral ligament.Mid-2018?Mar 12	R	60-Day DL	Mar 12	elbow	Mid-2018?

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