

Rockies 2018 - Week #7

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Colorado Rockies Statistics Snapshot

Table 1: NL West Standings

Tm	W	L	W-L%	GB
Arizona Diamondbacks	25	21	.543	–
Colorado Rockies	25	22	.532	0.5
San Francisco Giants	24	24	.500	2.0
Los Angeles Dodgers	20	26	.435	5.0
San Diego Padres	20	28	.417	6.0

Table 2: Current Rockies Results as of 2018-05-21

Wins	Losses	Win.Pct	Runs	Runs.Ag	Predicted Season Wins
25	22	53.191	191	215	71



Figure 1: Nolan Arenado makes a diving stop and throws the runner out from his knees.

“Baseball is a red-blooded sport for red-blooded men. It’s no pink tea, and mollicoddles had better stay out. It’s a struggle for supremacy, a survival of the fittest.” ~ Ty Cobb

Colorado Rockies Weekly Newsletter



Week #7

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

The Baseball Codes

The week the Baseball Codes story was originally posted by Jason Turbow April 30, 2018 in his blog. It has to do with celebration and when it **may** be ill-advised.

Celebrate Good Times, Come On! (Or Don't, Depending On Your Perspective) by Jason Turbow

Celebrate Good Times, Come On! (Or Don't, Depending On Your Perspective)

by Jason Turbow

It seems that there are some growing pains as baseball transitions from The Sport Of Tradition-Gripping Dryness to something a little bit looser. As it turns out, even those known to celebrate from time to time have limits.

On Saturday in Kansas City, Chicago's Tim Anderson hit a leadoff homer, proceeded to watch it, then unleashed some self-congratulatory invective as he rounded the bases. Royals catcher Salvador Perez took note while recalling that Anderson acted similarly after hitting a pair of home runs on opening day, also against the Royals. As the runner crossed home plate, Perez said something to him about it. Anderson patted him on the chest protector and trotted back to his bench.

Tim Anderson lead off tonight's game with our third leadoff home run of the week! [pic.twitter.com/R7FkTc80GZ](https://t.co/wua5CHodGw) — Chicago White Sox (@whitesox) April 29, 2018 Things picked up again in the bottom half of the inning, when Perez reached second base on an error and a two-out walk, at which point he opted to continue the conversation with Anderson. He and the shortstop ended up nose to nose, with teammates spilling out of the dugout to separate them. #WhiteSox @ #Royals [Game 2] Tim Anderson and Salvador Perez get into it at second base, which leads to the benches clearing, before Anderson and Perez make up (01:30) MLB Gameday: <https://t.co/wua5CHodGw> [pic.twitter.com/wziRupG780](https://t.co/wziRupG780) — Ballpark Videos (@BallparkVids) April 29, 2018

"I don't have any problems with the guy hitting a homer, taking a couple steps, walk two steps and keep running," said Perez after the game, in a Kansas City Star report. "But when you start to get loud, to say some bad words ... I don't like that. He had to respect my team and my pitcher. We're professional in here. I don't like that and he told me at second base, 'I like to have fun, Salvy, what do you want me to do?' I was like, 'OK, we like to have fun too. I like to have fun. You see me every day out there, laughing and having fun every day. But I don't disrespect your team. I respect your team, too. I hit some homers too, I keep running the bases, I don't get loud like you.' That's the only thing I told him. Keep doing what you're doing, bro, have fun, but again respect my team. That's it. So he was mad about that. What you want me to do? I can't do anything about that."

(Perez did himself no favors when he also told reporters: "If you're gonna keep doing that ... I'm going to hit you. I'm going to tell the pitcher to hit him. ... If you want to fight, let's fight." Intentionally drilling an opponent for what is essentially inconsequential behavior will not play well in retrospect should a Royals pitcher actually dot Anderson in a future encounter.)

Anderson, of course, got into it just last week, for similar reasons, with Justin Verlander. The guy likes to celebrate. For his reaction to it, Perez was labeled as a member of "the fun police" by various sources. There are, however, some considerations.

For those in Anderson's camp who decry the stifling of emotion on a ballfield, let's take the conversation to its logical conclusion: At what point does celebration become overkill? A classic Barry Bonds pirouette, only while running the bases instead of standing in the batter's box? Summersaults? Ripping off one's uniform jersey, like they do in soccer? The question is not aimed at painting false equivalency, but wondering about the point at which a player's behavior—presuming that none of it is aimed at the opposition—might

eventually cross the line, even for those who support that kind of thing. Baseball is obviously more lenient now than it was during past generations, but how lenient is it, really?

I think the answer can be found in what came next, after Anderson's confrontation with Perez. Duda's walk—the play that advanced Perez to second—loaded the bases. The next batter, Abraham Almonte, hit a sharp grounder to shortstop that Anderson booted, allowing Mike Moustakas to score from third. (It was ruled a single, but easily could have been an error. Watch it [here](#).) Alex Gordon followed by stroking a two-run single to center, giving the Royals a 3-1 lead in a game they ended up winning, 5-2.

Anderson's confrontation last week against Verlander ended with him getting picked off of second base at a point in which the pitcher was on the ropes and the White Sox desperately needed baserunners. This one ended with the Royals scoring three runs that might have remained off the board had Chicago's shortstop been less distracted.

And there it is: Anderson's shtick will eventually become too much, even for his most ardent supporters, when it begins to interfere with his team's chances to win baseball games. Based on the above examples, he may already have reached that point.

Special for Cath Cox - Tulowitzki versus Arenado

The question is how do Arenado and Tulowitzki compare in terms of their batting and fielding performance. This week, we will present the raw data about their batting numbers. As some of the readers know, the story is not completely told without graphics. So, next week, we do pictures.

Table 3: Troy Tulowitzki - Minor and Major League Batting Performance

Year	Age	Tm	Lg	G	PA	AB	R	H	2B	3B	HR	RBI	SB	CS	BB	SO	BA	OBP	SLG
2005	20	COL-min	A+	22	105	94	17	25	6	0	4	14	1	0	9	18	.266	.343	.457
2006	21	COL-min	AA	104	485	423	75	123	34	2	13	61	6	5	46	71	.291	.370	.473
2006	21	COL	NL	25	108	96	15	23	2	0	1	6	3	0	10	25	.240	.318	.292
2007	22	COL	NL	155	682	609	104	177	33	5	24	99	7	6	57	130	.291	.359	.479
2008	23	COL-min	AA,A+,AAA	12	50	40	10	14	4	0	2	5	1	0	9	4	.350	.460	.600
2008	23	COL	NL	101	421	377	48	99	24	2	8	46	1	6	38	56	.263	.332	.401
2009	24	COL	NL	151	628	543	101	161	25	9	32	92	20	11	73	112	.297	.377	.552
2010	25	COL-min	AA,AAA	4	13	11	2	2	1	0	0	1	0	0	1	2	.182	.231	.273
2010	25	COL	NL	122	529	470	89	148	32	3	27	95	11	2	48	78	.315	.381	.568
2011	26	COL	NL	143	606	537	81	162	36	2	30	105	9	3	59	79	.302	.372	.544
2012	27	COL-min	AAA,AA	9	28	27	3	9	2	0	3	6	0	0	1	6	.333	.357	.741
2012	27	COL	NL	47	203	181	33	52	8	2	8	27	2	2	19	19	.287	.360	.486
2013	28	COL-min	AAA	2	6	5	2	4	0	0	0	0	0	0	1	0	.800	.833	.800
2013	28	COL	NL	126	512	446	72	139	27	0	25	82	1	0	57	85	.312	.391	.540
2014	29	COL	NL	91	375	315	71	107	18	1	21	52	1	1	50	57	.340	.432	.603
2015	30	TOT	MLB	128	534	486	77	136	27	0	17	70	1	0	38	114	.280	.337	.440
2015	30	COL	NL	87	351	323	46	97	19	0	12	53	0	0	24	72	.300	.348	.471
2015	30	TOR	AL	41	183	163	31	39	8	0	5	17	1	0	14	42	.239	.317	.380
2016	31	TOR-min	A+	1	4	4	0	1	0	0	0	0	0	0	0	2	.250	.250	.250
2016	31	TOR	AL	131	544	492	54	125	21	0	24	79	1	0	43	101	.254	.318	.443
2017	32	TOR-min	A+	5	17	14	2	4	0	0	1	3	0	0	3	3	.286	.412	.500
2017	32	TOR	AL	66	260	241	16	60	10	0	7	26	0	1	17	40	.249	.300	.378

Table 4: Nolan Arenado - Minor and Major League Batting Performance

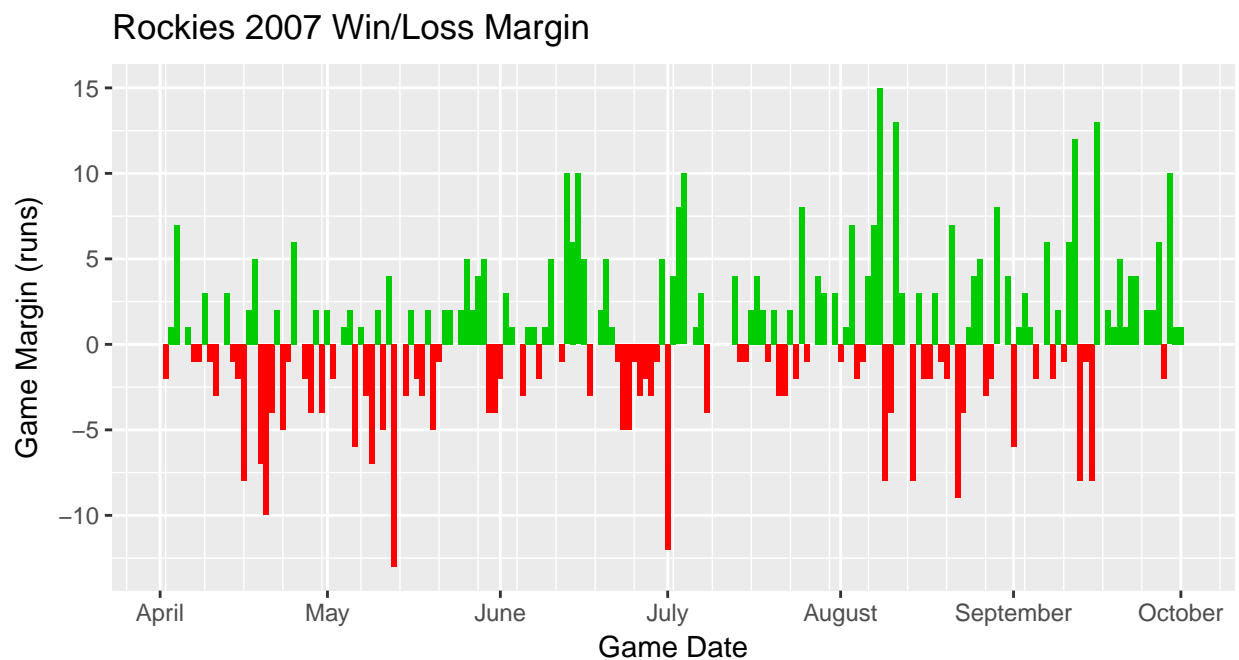
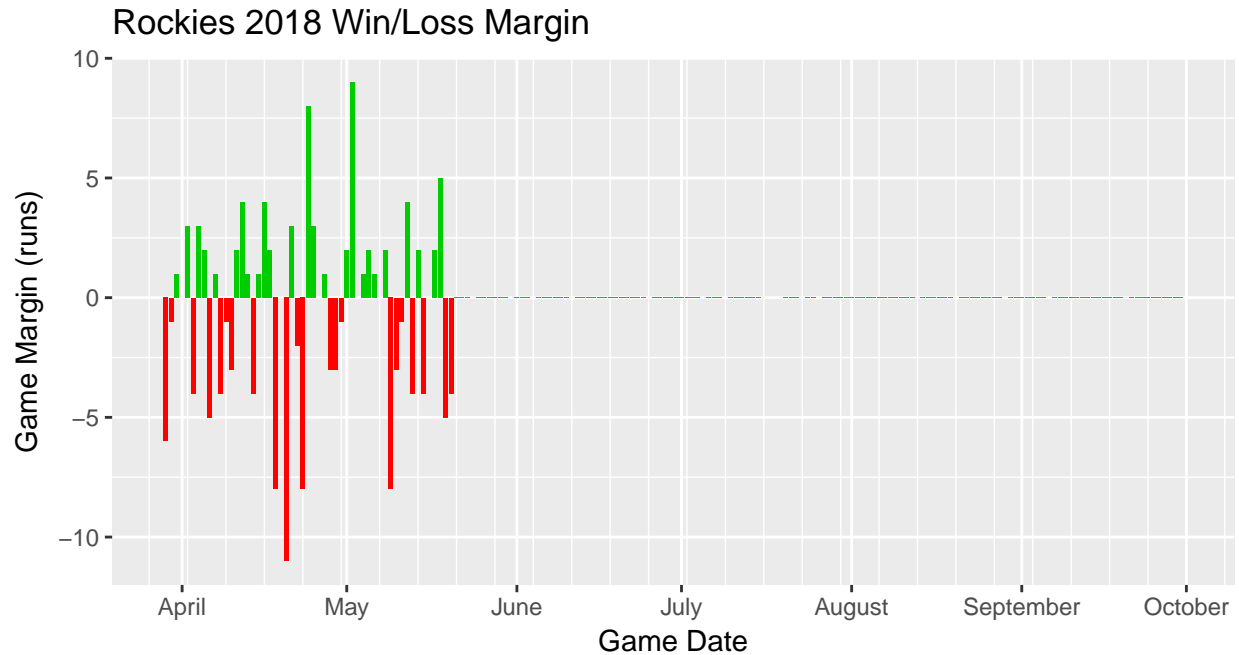
Year	Age	Tm	Lg	G	PA	AB	R	H	2B	3B	HR	RBI	SB	CS	BB	SO	BA	OBP	SLG
2009	18	COL-min	Rk	54	225	203	28	61	15	0	2	22	5	2	16	18	.300	.351	.404
2010	19	COL-min	A	92	400	373	45	115	41	1	12	65	1	3	19	52	.308	.338	.520
2011	20	COL-min	A+	134	583	517	82	154	32	3	20	122	2	1	47	53	.298	.349	.487
2012	21	COL-min	AA	134	573	516	55	147	36	1	12	56	0	2	39	58	.285	.337	.428
2013	22	COL-min	AAA	18	75	66	14	24	11	0	3	21	0	2	5	9	.364	.392	.667
2013	22	COL	NL	133	514	486	49	130	29	4	10	52	2	0	23	72	.267	.301	.405
2014	23	COL-min	AAA	5	20	20	2	7	2	0	0	3	0	0	0	3	.350	.350	.450
2014	23	COL	NL	111	467	432	58	124	34	2	18	61	2	1	25	58	.287	.328	.500
2015	24	COL	NL	157	665	616	97	177	43	4	42	130	2	5	34	110	.287	.323	.575
2016	25	COL	NL	160	696	618	116	182	35	6	41	133	2	3	68	103	.294	.362	.570
2017	26	COL	NL	159	680	606	100	187	43	7	37	130	3	2	62	106	.309	.373	.586
2018	27	COL	NL	42	182	157	25	52	9	2	8	25	2	1	24	35	.331	.418	.567

Colorado 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 the zero).

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.



Top Twelve Rockies Players as Measured by WAR

While early in the season, we will pull this data frequently.

Table 5: Rockies Top 12 Players (WAR)

Rank	Name	Age	WAR
1	Kyle Freeland	25	1.9
2	Nolan Arenado	27	1.7
3	Chad Bettis	29	1.7
4	Adam Ottavino	32	1.5
5	DJ LeMahieu	29	1.2
6	Trevor Story	25	1.2
7	Wade Davis	32	0.7
8	Jon Gray	26	0.6
9	Tyler Anderson	28	0.5
10	Harrison Musgrave	26	0.3
11	Tony Wolters	26	0.3
12	German Marquez	23	0.2

National League Standings

Table 6: NL East Standings

Tm	W	L	W-L%	GB
Atlanta Braves	28	17	.622	–
Philadelphia Phillies	26	18	.591	1.5
New York Mets	23	19	.548	3.5
Washington Nationals	24	21	.533	4.0
Miami Marlins	17	29	.370	11.5

Table 7: NL Central Standings

Tm	W	L	W-L%	GB
Milwaukee Brewers	28	19	.596	–
Chicago Cubs	25	19	.568	1.5
St. Louis Cardinals	25	19	.568	1.5
Pittsburgh Pirates	26	20	.565	1.5
Cincinnati Reds	16	32	.333	12.5

Table 8: NL West Standings

Tm	W	L	W-L%	GB
Arizona Diamondbacks	25	21	.543	–
Colorado Rockies	25	22	.532	0.5
San Francisco Giants	24	24	.500	2.0
Los Angeles Dodgers	20	26	.435	5.0
San Diego Padres	20	28	.417	6.0

American League Standings

Table 9: AL East Standings

Tm	W	L	W-L%	GB
New York Yankees	30	13	.698	–
Boston Red Sox	32	15	.681	–
Tampa Bay Rays	22	23	.489	9.0
Toronto Blue Jays	22	25	.468	10.0
Baltimore Orioles	14	32	.304	17.5

Table 10: AL Central Standings

Tm	W	L	W-L%	GB
Cleveland Indians	22	23	.489	–
Minnesota Twins	19	23	.452	1.5
Detroit Tigers	20	26	.435	2.5
Chicago White Sox	13	30	.302	8.0
Kansas City Royals	14	32	.304	8.5

Table 11: AL West Standings

Tm	W	L	W-L%	GB
Houston Astros	30	18	.625	–
Seattle Mariners	27	19	.587	2.0
Los Angeles Angels	26	21	.553	3.5
Oakland Athletics	25	22	.532	4.5
Texas Rangers	18	30	.375	12.0

Rockies Game-by-Game Schedule/Results

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Streak
1	Thu	Mar 29	A	ARI	L	2	8	Corbin	Gray		N	-
2	Fri	Mar 30	A	ARI	L	8	9	Ray	Senzatela	Boxberger	N	-
3	Sat	Mar 31	A	ARI	W	2	1	Shaw	Salas	Davis	N	+
4	Mon	Apr 2	A	SDP	W	7	4	Bettis	Mitchell	Davis	N	++
5	Tue	Apr 3	A	SDP	L	4	8	Ross	Freeland	Hand	N	-
6	Wed	Apr 4	A	SDP	W	5	2	Gray	Richard	Davis	N	+
7	Thu	Apr 5	A	SDP	W	3	1	Ottavino	Hand	Davis	D	++
8	Fri	Apr 6	H	ATL	L	3	8	McCarthy	Marquez		D	-
9	Sat	Apr 7	H	ATL	W-wo	3	2	Ottavino	Vizcaino		N	+
10	Sun	Apr 8	H	ATL	L	0	4	Newcomb	Freeland		D	-
11	Mon	Apr 9	H	SDP	L	6	7	Richard	Gray	Hand	N	-
12	Tue	Apr 10	H	SDP	L	2	5	Lucchesi	Shaw	Hand	N	—
13	Wed	Apr 11	H	SDP	W	6	4	Senzatela	Baumann	Davis	D	+
14	Thu	Apr 12	A	WSN	W	5	1	Bettis	Gonzalez		N	++
15	Fri	Apr 13	A	WSN	W	2	1	Oberg	Roark	Davis	N	+++
16	Sat	Apr 14	A	WSN	L	2	6	Scherzer	Gray		D	-
17	Sun	Apr 15	A	WSN	W	6	5	Ottavino	Doolittle	Davis	D	+
18	Mon	Apr 16	A	PIT	W	6	2	Marquez	Brault		N	++
19	Tue	Apr 17	A	PIT	W	2	0	Bettis	Williams	Davis	N	+++
20	Wed	Apr 18	A	PIT	L	2	10	Kuhl	Freeland		D	-
21	Fri	Apr 20	H	CHC	L	5	16	Hendricks	Gray		N	-
22	Sat	Apr 21	H	CHC	W	5	2	Anderson	Darvish	Davis	N	+
23	Sun	Apr 22	H	CHC	L	7	9	Quintana	Marquez	Morrow	D	-
24	Mon	Apr 23	H	SDP	L	5	13	Erlin	McGee		N	-
25	Tue	Apr 24	H	SDP	W	8	0	Freeland	Lauer		N	+
26	Wed	Apr 25	H	SDP	W	5	2	Gray	Ross		D	++
27	Fri	Apr 27	A	MIA	W	1	0	Senzatela	Urena	Davis	N	+++
28	Sat	Apr 28	A	MIA	L	1	4	Chen	Marquez	Barracough	N	-
29	Sun	Apr 29	A	MIA	L	0	3	Smith	Bettis	Ziegler	D	-
30	Mon	Apr 30	A	CHC	L	2	3	Farrell	Freeland	Cishek	N	—
31	Tue	May 1	A	CHC	W	3	1	Gray	Hendricks	Davis	N	+
32	Wed	May 2	A	CHC	W	11	2	Anderson	Darvish		D	++
33	Fri	May 4	A	NYM	W	8	7	Marquez	Wheeler	Davis	N	+++
34	Sat	May 5	A	NYM	W	2	0	Bettis	Matz	Davis	N	++++
35	Sun	May 6	A	NYM	W	3	2	Freeland	Robles	Ottavino	D	+++++
36	Tue	May 8	H	LAA	W	4	2	Gray	Heaney	Davis	N	+++++
37	Wed	May 9	H	LAA	L	0	8	Barria	Anderson		D	-
38	Thu	May 10	H	MIL	L	2	5	Chacin	Marquez	Jeffress	N	-
39	Fri	May 11	H	MIL	L	10	11	Jeffress	McGee	Hader	N	—
40	Sat	May 12	H	MIL	W	4	0	Freeland	Suter		N	+
41	Sun	May 13	H	MIL	L	3	7	Peralta	Gray		D	-
42	Mon	May 14	A	SDP	W	6	4	Anderson	Makita	Davis	N	+
43	Tue	May 15	A	SDP	L	0	4	Lyles	Marquez	Hand	D	-
44	Thu	May 17	A	SFG	W	5	3	McGee	Johnson	Davis	N	+
45	Fri	May 18	A	SFG	W	6	1	Freeland	Holland		N	++
46	Sat	May 19	A	SFG	L	4	9	Stratton	Gray		D	-
47	Sun	May 20	A	SFG	L	5	9	Dyson	Shaw		D	-

The Rockies current record is 25 Wins and 22 Losses. So far, the Rockies have scored 191 runs and have had 215 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.

Table 13: Predicted Wins for Entire 2017 Season

Wins (k=1.81)	Wins (k=1.83)	Wins (k=2.00)
72	72	71

Batting Statistics (non-pitchers)

Table 14: Rockies Batting Statistics (1 of 2).

Rk	Pos	Name	Age	G	AB	R	H	2B	3B	HR	RBI	SB	CS	BB
1	C	Iannetta	35	30	104	13	22	4	0	4	11	0	0	14
2	1B	Desmond	32	45	160	20	28	7	1	7	21	5	1	10
3	2B	LeMahieu	29	32	129	20	36	8	0	5	13	3	1	14
4	SS	Story	25	47	172	23	43	9	3	10	35	7	0	20
5	3B	Arenado	27	42	157	25	52	9	2	8	25	2	1	24
6	LF	Parra*	31	42	133	17	37	7	0	2	10	5	1	9
7	CF	Blackmon*	31	42	160	36	43	4	1	12	23	4	1	25
8	RF	Gonzalez*	32	31	105	9	23	3	1	4	15	2	1	7
9	C	Wolters*	26	24	67	4	9	0	0	2	7	1	0	8
10	IF	Valaika	25	33	68	2	9	4	0	0	1	0	0	6
11	OF	Dahl*	24	23	67	5	18	2	2	2	7	1	1	4
12	CI	McMahon*	23	28	50	3	9	1	0	0	3	0	0	10
13	OF	Cuevas	26	22	49	3	15	0	0	1	3	0	0	3
14	2B	Castro	25	12	38	2	6	1	0	1	6	0	0	0
15	OF	Tauchman*	27	15	23	2	1	0	0	0	0	1	0	3

Table 15: Rockies Batting Statistics (2 of 2).

Rk	Pos	Name	Age	SO	BA	OBP	SLG	OPS	OPS+	TB	GDP	HBP	SH	SF	IBB
1	C	Iannetta	35	30	.212	.317	.365	.682	76	38	5	2	1	0	1
2	1B	Desmond	32	46	.175	.231	.363	.594	50	58	5	2	0	1	0
3	2B	LeMahieu	29	21	.279	.350	.457	.807	106	59	3	0	0	0	0
4	SS	Story	25	59	.250	.335	.512	.847	115	88	3	3	0	2	0
5	3B	Arenado	27	35	.331	.418	.567	.984	151	89	3	0	0	1	4
6	LF	Parra*	31	19	.278	.324	.376	.700	80	50	3	0	1	0	1
7	CF	Blackmon*	31	39	.269	.374	.531	.906	131	85	3	2	0	0	1
8	RF	Gonzalez*	32	30	.219	.263	.381	.644	64	40	0	0	0	2	1
9	C	Wolters*	26	18	.134	.244	.224	.467	22	15	1	2	0	1	0
10	IF	Valaika	25	19	.132	.203	.191	.394	3	13	3	0	1	0	0
11	OF	Dahl*	24	23	.269	.319	.448	.767	95	30	0	1	0	0	0
12	CI	McMahon*	23	22	.180	.317	.200	.517	38	10	0	0	0	0	1
13	OF	Cuevas	26	6	.306	.358	.367	.726	88	18	0	1	0	0	0
14	2B	Castro	25	5	.158	.158	.263	.421	6	10	2	0	0	0	0
15	OF	Tauchman*	27	11	.043	.154	.043	.197	-45	1	0	0	1	0	0

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

Pitching Statistics

Table 16: Rockies pitching statistics (1 of 2).

Rk	Pos	Name	Age	W	L	W-L%	ERA	G	GS	GF	CG	SHO	SV	IP	H	R
1	SP	Gray	26	4	6	.400	5.34	10	10	0	0	0	0	55.2	65	34
2	SP	Bettis	29	4	1	.800	3.27	9	9	0	0	0	0	55.0	47	20
3	SP	Freeland*	25	4	4	.500	3.17	9	9	0	0	0	0	54.0	44	19
4	SP	Anderson*	28	3	1	.750	4.74	10	10	0	0	0	0	49.1	47	29
5	SP	Marquez	23	2	5	.286	5.15	9	9	0	0	0	0	43.2	52	28
6	CL	Davis	32	0	0		2.79	20	0	18	0	0	16	19.1	11	6
7	RP	Ottavino	32	3	0	1.000	1.08	23	0	7	0	0	1	25.0	7	3
8	RP	Shaw	30	1	2	.333	5.01	26	0	2	0	0	0	23.1	23	13
9	RP	McGee*	31	1	2	.333	5.82	20	0	3	0	0	0	17.0	17	12
10	RP	Dunn*	33	0	0		7.94	15	0	5	0	0	0	11.1	12	10
11		Rusin*	31	0	0		6.75	13	0	1	0	0	0	20.0	21	15
12		Senzatela	23	2	1	.667	6.23	10	0	2	0	0	0	17.1	23	13
13		Oberg	28	1	0	1.000	6.55	10	0	3	0	0	0	11.0	12	8
14		Pounders	27	0	0		4.50	5	0	4	0	0	0	8.0	10	4
15		Musgrave*	26	0	0		1.29	5	0	2	0	0	0	7.0	4	1

Table 17: Rockies pitching statistics (2 of 2).

Rk	Pos	Name	ER	HR	BB	IBB	SO	HBP	BK	WP	BF	ERA+	FIP	WHIP
1	SP	Gray	33	6	13	1	63	1	0	3	242	86	3.03	1.401
2	SP	Bettis	20	6	19	0	35	1	1	2	221	141	4.37	1.200
3	SP	Freeland*	19	6	18	0	49	0	0	0	219	145	3.77	1.148
4	SP	Anderson*	26	8	19	0	47	1	1	3	210	97	4.56	1.338
5	SP	Marquez	25	5	20	2	43	3	0	1	203	90	4.24	1.649
6	CL	Davis	6	2	9	0	22	0	0	1	76	167	3.60	1.034
7	RP	Ottavino	3	1	9	0	44	2	0	2	90	430	1.46	0.640
8	RP	Shaw	13	3	12	0	26	0	0	3	100	93	4.12	1.500
9	RP	McGee*	11	4	5	0	14	1	0	0	72	80	5.61	1.294
10	RP	Dunn*	10	1	10	0	8	0	0	0	53	59	5.52	1.941
11		Rusin*	15	5	10	0	17	0	0	1	88	69	6.19	1.550
12		Senzatela	12	2	6	0	14	1	0	0	81	75	4.23	1.673
13		Oberg	8	0	5	0	10	2	0	0	52	72	3.23	1.545
14		Pounders	4	1	0	0	12	1	0	0	33	106	2.14	1.250
15		Musgrave*	1	1	4	0	3	0	0	0	29	373	5.85	1.143

* - throws left-handed

National League Team Standard Batting

Table 18: NL Team Batting statistics (1 of 2).

Tm	#Bat	BatAge	R/G	G	PA	AB	R	H	2B	3B	HR	RBI	SB	CS	BB	SO
ATL	40	27.8	5.40	45	1791	1585	243	422	86	8	56	232	36	13	165	344
CHC	34	26.9	5.39	44	1789	1565	237	405	86	16	51	225	15	7	172	368
PIT	32	28.2	4.89	46	1774	1568	225	407	86	12	51	215	19	12	160	346
PHI	31	26.5	4.68	44	1679	1465	206	349	68	8	50	199	23	11	182	429
STL	35	28.5	4.45	44	1710	1491	196	353	61	2	55	187	21	15	166	389
LAD	39	28.0	4.37	46	1814	1593	201	381	90	13	45	189	14	7	174	403
LgAvg	35	28.2	4.34	46	1757	1556	199	376	74	8	49	189	24	10	161	402
WSN	38	28.5	4.33	46	1750	1524	199	357	72	3	56	189	36	11	185	370
NYM	38	29.2	4.24	42	1606	1417	178	336	64	8	44	174	18	7	151	370
SFG	36	30.5	4.19	48	1840	1666	201	434	84	9	50	193	22	9	141	455
COL	30	28.6	4.06	47	1763	1572	191	366	61	10	58	182	31	7	161	426
MIL	39	28.4	4.04	47	1767	1588	190	388	77	2	57	177	31	9	147	419
CIN	36	27.4	3.98	48	1847	1622	191	386	77	4	44	185	22	5	174	400
SDP	37	27.3	3.85	48	1781	1605	185	368	76	11	41	172	33	12	145	465
ARI	34	29.0	3.83	46	1709	1518	176	332	70	15	46	170	31	10	160	450
MIA	35	28.1	3.48	46	1730	1554	160	358	58	6	36	149	9	8	136	397

Table 19: NL Team Batting statistics (2 of 2).

Tm	#Bat	BatAge	R/G	BA	OBP	SLG	OPS	OPS+	TB	GDP	HBP	SH	SF	IBB	LOB
ATL	40	27.8	5.40	0.266	0.338	0.437	0.775	113	692	30	14	15	12	15	322
CHC	34	26.9	5.39	0.259	0.341	0.432	0.773	107	676	24	28	14	9	19	352
PIT	32	28.2	4.89	0.260	0.332	0.427	0.760	108	670	24	20	7	18	15	325
PHI	31	26.5	4.68	0.238	0.325	0.398	0.723	99	583	38	12	7	12	10	303
STL	35	28.5	4.45	0.237	0.319	0.391	0.710	95	583	32	21	17	15	5	304
LAD	39	28.0	4.37	0.239	0.320	0.397	0.716	98	632	35	21	12	14	12	341
LgAvg	35	28.2	4.34	0.242	0.317	0.396	0.713	94	615	32	17	11	12	11	319
WSN	38	28.5	4.33	0.234	0.322	0.396	0.718	94	603	28	18	11	12	18	324
NYM	38	29.2	4.24	0.237	0.315	0.387	0.702	95	548	30	17	7	14	10	288
SFG	36	30.5	4.19	0.261	0.320	0.412	0.732	101	686	30	11	9	13	9	352
COL	30	28.6	4.06	0.233	0.308	0.395	0.703	80	621	31	13	10	7	9	307
MIL	39	28.4	4.04	0.244	0.310	0.403	0.713	92	640	40	11	8	13	9	314
CIN	36	27.4	3.98	0.238	0.317	0.372	0.689	88	603	40	19	21	11	8	354
SDP	37	27.3	3.85	0.229	0.297	0.367	0.664	86	589	37	14	8	9	5	300
ARI	34	29.0	3.83	0.219	0.295	0.375	0.671	76	570	25	9	12	10	7	291
MIA	35	28.1	3.48	0.230	0.300	0.345	0.645	83	536	37	22	9	7	10	313

Table 20: Rockies Current Injuries

Name	Updated	Type	Details
Carlos Estevez	April 23 2018	Oblique	Estevez has been shifted to the 60-day disabled list due to a left oblique strain but is likely to return during the latter part of May.
DJ LeMahieu	May 18 2018	Wrist	LeMahieu is on the 10-day disabled list after being diagnosed with a slight left wrist fracture and a sprained thumb. There is no timetable for return.
Zac Rosscup	May 01 2018	Finger	Rosscup has been shifted to the 60-day disabled list dealing with warts on his left middle finger and is likely to stay on the DL until at least the end of May.

Current Injuries

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