

Rockies 2018 - Week #1

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Enjoying success requires the ability to adapt. Only by being open to change will you have a true opportunity to get the most from your talent. ~ Nolan Ryan

Table 1: NL West Standings

Tm	W	L	W-L%	GB
Arizona Diamondbacks	7	2	.778	–
Colorado Rockies	5	5	.500	2.5
San Francisco Giants	4	4	.500	2.5
Los Angeles Dodgers	3	6	.333	4.0
San Diego Padres	2	8	.200	5.5

Table 2: Current Rockies Results as of 2018-04-09

Wins	Losses	Win.Pct	Runs	Runs.Ag	Predicted Season Wins
5	5	50	37	47	62



Figure 1: Charlie Blackmon signed a six-year extension with the Rockies. Total value of the contract is \$108M and could reach as high as \$116M if certain incentives are met.



Week #1

- **Colorado Rockies Dashboard**
 - Rockies Win/Loss Graphs for 2018 and 2007
 - Playoff Odds as Presented by FanGraphs.
 - Top Twelve Rockies Players as Measured by WAR
 - National and American League Standings
 - Game-by-Game Results
 - **Pythagorean Theorem** prediction of the number of wins.
 - Batting Statistics (for non-pitchers)
 - Pitching Statistics
 - National League Team Standard Batting
 - Current Injuries **Updated**

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

Let me know what other special interest statistics you might like to see next year. Remember to refer to the Glossaries at the end of the document if unfamiliar with one or more of the statistic abbreviations in the tables.

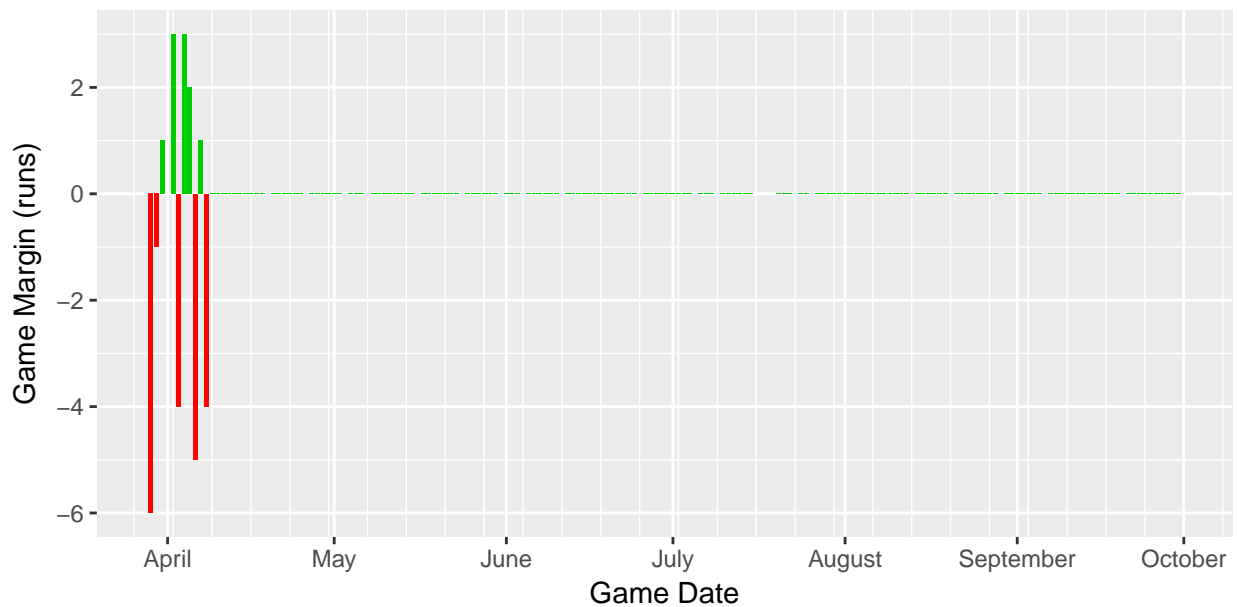
Colorado Rockies Dashboard

Win Loss Margin

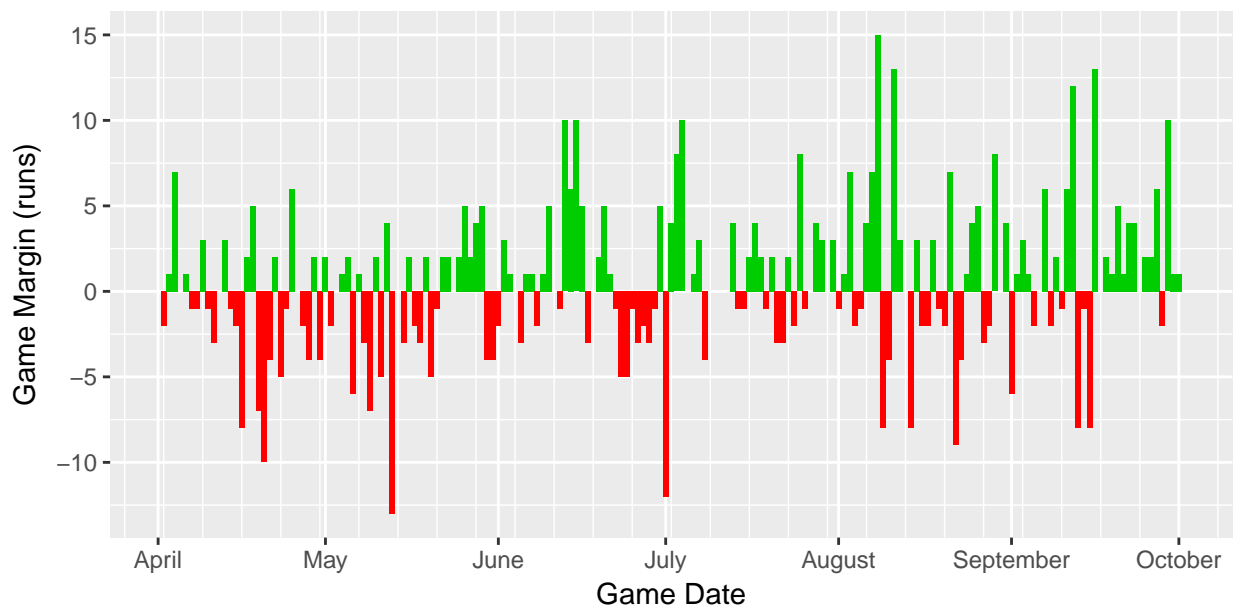
One of the many ways to visualize a teams performance is to show wins and losses as the margin of the win (positive) or loss (negative). In the graphs below, we show the current season performance. For emphasis, wins are displayed in green (above the zero) and losses in red (below the zero).

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.

Rockies 2018 Win/Loss Margin



Rockies 2007 Win/Loss Margin



Top Twelve Rockies Players as Measured by WAR

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

Table 3: Rockies Top 12 Players (WAR)

Rank	Name	Age	WAR
1	Charlie Blackmon	31	0.6
2	DJ LeMahieu	29	0.6
3	Nolan Arenado	27	0.5
4	Chad Bettis	29	0.3
5	Carlos Gonzalez	32	0.3
6	Adam Ottavino	32	0.3
7	Jon Gray	26	0.2
8	Bryan Shaw	30	0.2
9	Tony Wolters	26	0.2
10	Scott Oberg	28	0.1
11	Gerardo Parra	31	0.1
12	Chris Iannetta	35	0.0

National League Standings

Table 4: NL East Standings

Tm	W	L	W-L%	GB
New York Mets	7	1	.875	–
Atlanta Braves	6	3	.667	1.5
Washington Nationals	4	5	.444	3.5
Philadelphia Phillies	3	5	.375	4.0
Miami Marlins	3	6	.333	4.5

Table 5: NL Central Standings

Tm	W	L	W-L%	GB
Pittsburgh Pirates	7	2	.778	–
Chicago Cubs	5	4	.556	2.0
Milwaukee Brewers	5	5	.500	2.5
St. Louis Cardinals	4	5	.444	3.0
Cincinnati Reds	2	6	.250	4.5

Table 6: NL West Standings

Tm	W	L	W-L%	GB
Arizona Diamondbacks	7	2	.778	–
Colorado Rockies	5	5	.500	2.5
San Francisco Giants	4	4	.500	2.5
Los Angeles Dodgers	3	6	.333	4.0
San Diego Padres	2	8	.200	5.5

American League Standings

Table 7: AL East Standings

Tm	W	L	W-L%	GB
Boston Red Sox	8	1	.889	–
Toronto Blue Jays	6	4	.600	2.5
New York Yankees	5	5	.500	3.5
Baltimore Orioles	4	6	.400	4.5
Tampa Bay Rays	1	8	.111	7.0

Table 8: AL Central Standings

Tm	W	L	W-L%	GB
Minnesota Twins	4	3	.571	–
Detroit Tigers	4	4	.500	0.5
Cleveland Indians	4	5	.444	1.0
Chicago White Sox	3	5	.375	1.5
Kansas City Royals	2	5	.286	2.0

Table 9: AL West Standings

Tm	W	L	W-L%	GB
Houston Astros	8	2	.800	–
Los Angeles Angels of Anaheim	7	3	.700	1.0
Seattle Mariners	4	3	.571	2.5
Oakland Athletics	4	7	.364	4.5
Texas Rangers	4	7	.364	4.5

Rockies Game-by-Game Schedule/Results

Gm#	Day	Date	H/A	Opp	W/L	R	RA	Win	Loss	Save	D/N	Streak	Orig. Sched
1	Thu	Mar 29	A	ARI	L	2	8	Corbin	Gray		N	-	NA
2	Fri	Mar 30	A	ARI	L	8	9	Ray	Senzatela	Boxberger	N	-	NA
3	Sat	Mar 31	A	ARI	W	2	1	Shaw	Salas	Davis	N	+	NA
4	Mon	Apr 2	A	SDP	W	7	4	Bettis	Mitchell	Davis	N	++	NA
5	Tue	Apr 3	A	SDP	L	4	8	Ross	Freeland	Hand	N	-	NA
6	Wed	Apr 4	A	SDP	W	5	2	Gray	Richard	Davis	N	+	NA
7	Thu	Apr 5	A	SDP	W	3	1	Ottavino	Hand	Davis	D	++	NA
8	Fri	Apr 6	H	ATL	L	3	8	McCarthy	Marquez		D	-	NA
9	Sat	Apr 7	H	ATL	W-wo	3	2	Ottavino	Vizcaino		N	+	NA
10	Sun	Apr 8	H	ATL	L	0	4	Newcomb	Freeland		D	-	NA

The Rockies current record is 5 Wins and 5 Losses. So far, the Rockies have scored 37 runs and have had 47 runs scored against them.

Pythagorean Win-Loss Theorem

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

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 11: Predicted Wins for Entire 2017 Season

Wins (k=1.81)	Wins (k=1.83)	Wins (k=2.00)
64	64	62

Batting Statistics (non-pitchers)

Table 12: 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	8	26	2	9	2	0	0	2	0	0	4
2	1B	Desmond	32	9	35	3	8	1	0	2	7	0	0	0
3	2B	LeMahieu	29	10	38	5	11	2	0	2	4	1	0	7
4	SS	Story	25	10	38	3	8	1	0	2	4	1	0	4
5	3B	Arenado	27	10	37	5	12	3	0	1	6	1	1	6
6	LF	Parra*	31	9	32	4	6	1	0	1	2	0	0	4
7	CF	Blackmon*	31	9	36	9	10	2	0	4	6	1	1	5
8	RF	Gonzalez*	32	10	36	4	9	2	1	1	4	1	0	1
9	1B	Valaika	25	8	14	0	1	1	0	0	0	0	0	1
10	1B	McMahon*	23	8	11	0	0	0	0	0	1	0	0	2
11	C	Wolters*	26	3	10	0	2	0	0	0	1	0	0	2
12	CF	Tauchman*	27	7	7	0	0	0	0	0	0	0	0	1

Table 13: 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	7	.346	.433	.423	.856	139	11	1	0	0	0	0
2	1B	Desmond	32	11	.229	.229	.429	.657	78	15	2	0	0	0	0
3	2B	LeMahieu	29	5	.289	.400	.500	.900	149	19	2	0	0	0	0
4	SS	Story	25	14	.211	.286	.395	.680	87	15	0	0	0	0	0
5	3B	Arenado	27	7	.324	.409	.486	.896	148	18	0	0	0	1	2
6	LF	Parra*	31	4	.188	.278	.313	.590	64	10	0	0	1	0	1
7	CF	Blackmon*	31	7	.278	.366	.667	1.033	181	24	1	0	0	0	0
8	RF	Gonzalez*	32	12	.250	.270	.444	.715	95	16	0	0	0	0	0
9	1B	Valaika	25	6	.071	.133	.143	.276	-23	2	0	0	0	0	0
10	1B	McMahon*	23	6	.000	.154	.000	.154	-53	0	0	0	0	0	0
11	C	Wolters*	26	5	.200	.333	.200	.533	52	2	0	0	0	0	0
12	CF	Tauchman*	27	2	.000	.125	.000	.125	-62	0	0	0	0	0	0

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

Pitching Statistics

Table 14: 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	Freeland*	25	0	2	.000	5.56	2	2	0	0	0	0	11.1	12	7
2	SP	Gray	26	1	1	.500	2.45	2	2	0	0	0	0	11.0	10	3
3	SP	Bettis	29	1	0	1.000	2.53	2	2	0	0	0	0	10.2	9	3
4	SP	Marquez	23	0	1	.000	6.52	2	2	0	0	0	0	9.2	11	8
5	SP	Anderson*	28	0	0		7.56	2	2	0	0	0	0	8.1	9	7
6	CL	Davis	32	0	0		4.15	5	0	4	0	0	4	4.1	3	2
7	RP	Rusin*	31	0	0		9.00	5	0	0	0	0	0	7.0	7	7
8	RP	Ottavino	32	2	0	1.000	0.00	5	0	2	0	0	0	6.0	1	0
9	RP	McGee*	31	0	0		1.93	5	0	0	0	0	0	4.2	2	2
10	RP	Shaw	30	1	0	1.000	0.00	5	0	1	0	0	0	4.1	4	0
11		Oberg	28	0	0		2.08	4	0	2	0	0	0	4.1	4	1
12		Senzatela	23	0	1	.000	12.27	2	0	0	0	0	0	3.2	5	5
13		Dunn*	33	0	0		6.75	4	0	1	0	0	0	2.2	3	2

Table 15: Rockies pitching statistics (2 of 2).

Rk	Pos	Name	ER	HR	BB	IBB	SO	HBP	BK	WP	BF	ERA+	FIP	WHIP
1	SP	Freeland*	7	4	4	0	11	0	0	0	48	71	6.73	1.412
2	SP	Gray	3	0	3	0	11	1	0	0	47	161	2.12	1.182
3	SP	Bettis	3	1	6	0	7	1	0	2	46	156	4.90	1.406
4	SP	Marquez	7	1	10	2	6	0	0	1	49	61	6.24	2.172
5	SP	Anderson*	7	1	4	0	7	0	0	2	38	53	4.35	1.560
6	CL	Davis	2	1	2	0	5	0	0	0	17	100	5.11	1.154
7	RP	Rusin*	7	2	3	0	4	0	0	0	30	45	6.89	1.429
8	RP	Ottavino	0	0	1	0	11	1	0	0	19		0.36	0.333
9	RP	McGee*	1	0	1	0	4	0	0	0	17	214	1.96	0.643
10	RP	Shaw	0	0	1	0	1	0	0	0	16		3.26	1.154
11		Oberg	1	0	2	0	4	1	0	0	20	200	3.26	1.385
12		Senzatela	5	1	1	0	2	1	0	0	18	34	7.12	1.636
13		Dunn*	2	0	2	0	1	0	0	0	12	65	4.53	1.875

* - throws left-handed

National League Team Standard Batting

Table 16: 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	29	28.4	6.89	9	368	316	62	90	23	2	11	59	6	1	37	65
PIT	25	28.4	6.44	9	360	314	58	89	21	3	9	53	5	5	37	54
PHI	26	26.3	5.25	8	313	267	42	63	16	1	8	41	9	4	39	81
ARI	27	29.0	5.00	9	360	308	45	75	17	5	7	45	6	1	45	84
WSN	27	28.8	5.00	9	378	319	45	77	14	0	14	44	14	2	49	75
NYM	27	29.7	4.88	8	313	265	39	67	14	1	8	37	3	2	38	74
CHC	25	27.0	4.33	9	392	337	39	75	18	5	8	35	3	2	41	93
LgAvg	27	28.4	4.28	9	354	311	38	74	15	2	9	36	5	2	34	80
STL	28	28.8	4.00	9	331	301	36	71	8	0	13	35	4	2	24	87
COL	25	29.1	3.70	10	378	338	37	79	15	1	13	37	5	2	37	93
MIA	26	27.5	3.33	9	379	336	30	73	12	1	3	28	2	2	35	88
MIL	29	28.7	3.30	10	379	347	33	81	18	0	9	33	7	3	24	95
LAD	26	28.2	3.22	9	368	328	29	70	12	1	4	25	3	2	33	75
CIN	25	27.8	3.12	8	299	262	25	61	9	1	6	23	2	0	28	70
SDP	28	27.4	3.00	10	377	340	30	75	17	2	9	28	3	3	30	94
SFG	25	30.8	3.00	8	310	288	24	71	11	0	10	23	5	1	17	69

Table 17: 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	29	28.4	6.89	0.285	0.366	0.475	0.840	134	150	8	5	7	3	4	64
PIT	25	28.4	6.44	0.283	0.359	0.455	0.814	127	143	3	2	2	4	2	59
PHI	26	26.3	5.25	0.236	0.331	0.393	0.724	100	105	5	1	1	4	2	55
ARI	27	29.0	5.00	0.244	0.342	0.399	0.741	97	123	6	2	3	2	2	68
WSN	27	28.8	5.00	0.241	0.350	0.417	0.767	113	133	4	6	1	3	5	81
NYM	27	29.7	4.88	0.253	0.358	0.404	0.762	114	107	7	6	3	1	4	61
CHC	25	27.0	4.33	0.223	0.322	0.377	0.699	95	127	6	9	3	1	7	83
LgAvg	27	28.4	4.28	0.239	0.320	0.382	0.703	95	119	7	4	2	2	3	66
STL	28	28.8	4.00	0.236	0.296	0.392	0.688	90	118	6	3	0	3	0	55
COL	25	29.1	3.70	0.234	0.309	0.399	0.708	95	135	6	0	2	1	3	69
MIA	26	27.5	3.33	0.217	0.302	0.286	0.588	70	96	10	6	1	0	2	71
MIL	29	28.7	3.30	0.233	0.289	0.363	0.652	79	126	7	4	2	2	1	70
LAD	26	28.2	3.22	0.213	0.285	0.293	0.578	62	96	10	1	3	3	3	66
CIN	25	27.8	3.12	0.233	0.314	0.344	0.658	84	90	8	4	3	2	0	61
SDP	28	27.4	3.00	0.221	0.295	0.362	0.657	87	123	8	6	1	0	1	68
SFG	25	30.8	3.00	0.247	0.287	0.389	0.676	84	112	7	0	3	2	2	58

Current Injuries

Table 18: Rockies Current Injuries

Name	Updated	Type	Details
Charlie Blackmon	April 08 2018	Back	Blackmon sat out the last game due to a back injury and his status for M
Carlos Estevez	March 29 2018	Oblique	Estevez is battling a left oblique strain and has been placed on the 10-day
Jeff Hoffman	March 29 2018	Shoulder	Hoffman has been placed on the 10-day disabled list with right shoulder in
Zac Rosscup	March 29 2018	Finger	Rosscup is on the 10-day disabled list dealing with a left middle finger blis

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