

Shockwave – 2015 Season

STATS AND HIGHLIGHTS

SolarFlare



- Third robot designed by the team
 - Challenging design
- 4488 DNA
- Another robot named after a “force of nature” or “natural disaster”

Week 1

Oregon City District

- Winner
- Award: Engineering Excellence, sponsored by Delphi

The Engineering Excellence Award celebrates an elegant and advantageous machine feature or features. This award recognizes any aspect of engineering elegance that reinforces the principles of FIRST.

- Metrics:

- Ranked #1 in quals
- AVG: 88.6
- OPR : 67.69
- CCWM: 66.3
- Avg playoff score: **105.29**

Robonauts – 118
AVG: 83.8
OPR: 48.66
CCWM: 19.45

Week 1

Ranked #6 in the Top25 pool

(<http://www.frctop25.com/rankings2015>)

2015 Rankings | FRCTop25.com - Google Chrome

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2015 Rankings

Week 1 Week 2 Week 3 Week 4 Week 5 Week 6

2015 Week 1 results

Rank	Team Number	Team Name	Points	First Place Votes
1	148	Robowranglers	3037	70
2	118	Robonauts	2719	6
3	987	HIGHROLLERS	2650	32
4	624	CRyptonite	2313	2
5	33	Killer Bees	1589	3
6	4488	Shockwave	1092	1

Week 1

#1 in the

PNW District Ranking

FRC Leaderboard :: Rankings for Pacific Northwest District - Google Chrome

frc-districtrankings.usfirst.org/PNW

FRC District Ranking System

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Pacific Northwest District

Full District Ranking · 64 Teams · 11 Events

Rank	District Points	Team	Event 1	Event 2	Team Age Points
1	73	4488 - Shockwave	73	Not Played	0
2	73	1983 - Skunk Works Robotics	73	Not Played	0
3	72	2550 - Skynet	72	Not Played	0
4	68	1318 - Issaquah Robotics Society	68	Not Played	0
5	64	5468 - Retro-bots	54	Not Played	10
6	55	2471 - Team Mean Machine	55	Not Played	0
7	54	1540 - Flaming Chickens	54	Not Played	0
8	52	2907 - Lion Robotics	52	Not Played	0
9	51	2046 - Bear Metal	51	Not Played	0
10	46	4450 - Olympia Robotics Federation	46	Not Played	0
11	46	2521 - SERT	46	Not Played	0
12	44	3218 - Panther Robotics	44	Not Played	0
13	42	4469 - R.A.I.D. (Raider Artificial In...	42	Not Played	0
14	41	3024 - My Favorite Team	41	Not Played	0
15	40	2605 - Sehome Seamonsters	40	Not Played	0
16	40	2557 - SOTAbots	40	Not Played	0
17	39	3049 - BremerTron	39	Not Played	0
18	39	4911 - CyberKnights	34	Not Played	5
19	38	3221 - KM Royals	38	Not Played	0
20	30	2744 - Issaquah Mustangs	30	Not Played	0

Week 4

Central Washington District Event

- Winner

- Award: Gracious Professionalism Award sponsored by Johnson & Johnson

Celebrates the team that exemplifies the core values of *FIRST* in their relationships with other teams and by their demonstrated Gracious Professionalism[®]

- Metrics:

- Ranked #1 in quals
- AVG: 131.67
- OPR: 86.5
- DPR: -5.37
- CCWM: 91.87
- AVG playoff: 139.29


AVG: 88.6
OPR : 67.69
DPR: 1.38
CCWM: 66.3
Avg playoff
score: **105.29**

Week 4


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Rank	Team Number	Team Name	Points	First Place Votes
1	1114	Simbotics	1596	33
2	2056	OP Robotics	1532	4
3	118	Robonauts	1202	4
4	2481	Roboteers	959	8
5	1678	Citrus Circuits	831	0
6	1986	Team Titanium	711	1
7	5406	Celt-X	607	0
8	1671	Buchanan Bird Brains	576	0
9	2826	Wave Robotics	517	2
10	3360	Hyperion	473	7
11	303	TEST Team 303	392	0
12	1756	Argos	391	3
13	2590	Nemesis	390	0
14	4488	Shockwave	373	0

**FRC**
FIRST Robotics Competition

District Ranking System



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Pacific Northwest District

Full District Ranking · 152 Teams · 11 Events

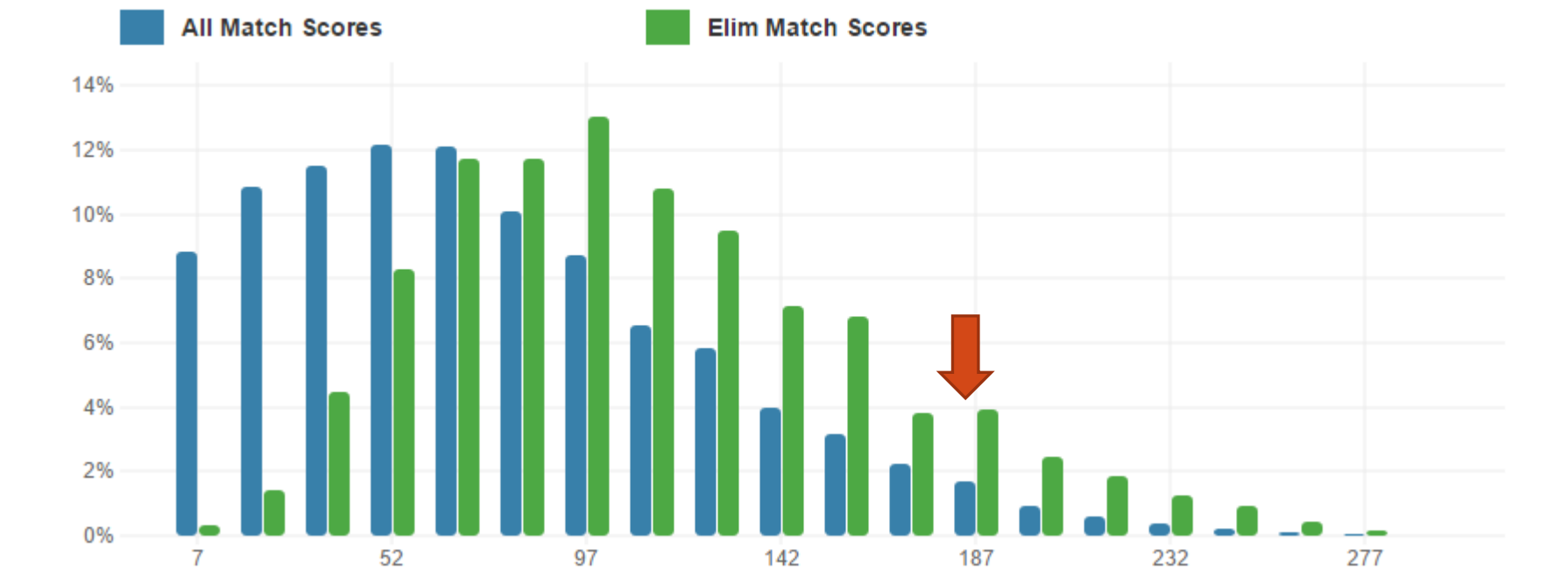
Rank	District Points	Team	Event 1	Event 2	District Championship	FRC Championship	Team Age Points
1	371	1983 - Skunk Works Robotics	73 🏆	73 🏆	225 🏆	Qualified	0
2	335	4488 - Shockwave	73 🏆	73 🏆	189 🏆	Qualified	0
3	302	955 - CV Robotics	44 🏆	72 🏆	186 🏆	Qualified	0
4	283	2550 - Skynet	72 🏆	55 🏆	156 🏆	DI	0
5	271	2471 - Team Mean Machine	55 🏆	60 🏆	156 🏆	Qualified	0
6	269	1318 - Issaquah Robotics Society	68 🏆	69 🏆	132 🏆	Qualified	0
7	240	1595 - Dragons	68 🏆	61 🏆	111 🏆	Qualified	0
8	237	2930 - Sonic Squirrels	41 🏆	43 🏆	153 🏆	Qualified	0
9	230	2522 - Royal Robotics	71 🏆	78 🏆	81 🏆	Qualified	0

District Championship (week 6)

- Finalists
- Awards:
 - FIRST Dean's List Finalist Award (Hannah Fritsch)
 - Entrepreneurship Award sponsored by Kleiner Perkins Caufield and Byers
- Stats:
 - **Ranked #1 in quals**
 - **AVG: 157.75**
 - OPR: 85.74
 - CCWM: 43.07
 - AVG playoffs: **181.29**
- Invited to play a demonstration match with Skunks and IRS

The team was scoring high...

Match Score Distribution Percent of Matches vs. Match Score



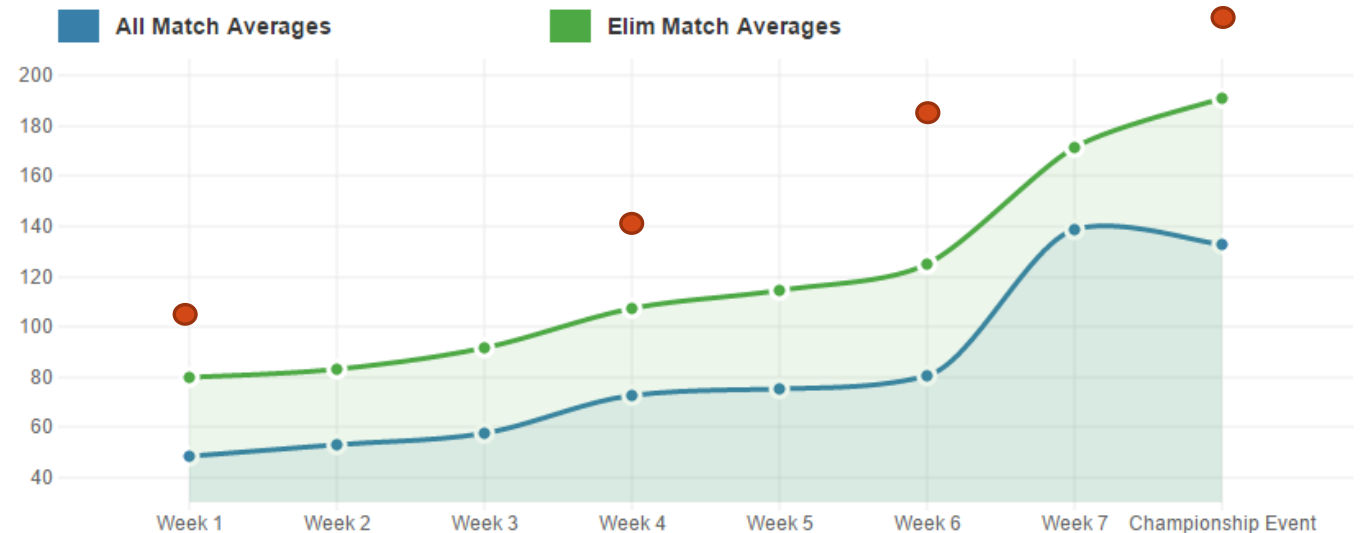
Championship in St. Louis, MO

- Carson Division
- Division Finalists - for the second time (two times in a row)

- Stats:

- o Ranked #5 in quals
- o AVG: 173.80
- o OPR: 173.8
- o CCWM: 61.47
- o AVG playoff score: 224.38

Average Match Score By Week



Final numbers

Top #14 in the world – FRC TOP 25

Overall in 2015 season:

- average qual score of **136.39**
- average playoff score of **164.69**



Rank	Team Number	Team Name	Points	First Place Votes
1	1114	Simbotics	3987	68
2	254	The Cheesy Poofs	3667	53
3	2056	OP Robotics	3084	1
4	148	Robowranglers	3036	5
5	118	Robonauts	3018	4
6	1678	Citrus Circuits	2002	1
7	987	HIGHROLLERS	1801	0
8	1023	Bedford Express	1705	1
9	624	CRyptonite	1577	3
10	33	Killer Bees	1502	1
11	2826	Wave Robotics	1429	0
12	1519	Mechanical Mayhem	911	1
13	548	Robostangs	833	4
14	4488	Shockwave	800	1

Congratulations for the amazing season!

