

Midwest Paddle Racing Freedom Race 2021

Vaughn - Performance Analysis

Start: Saturday, July 10, 2021 12:00 AM

Zone: Central Standard Time

Team: #2442 - Vaughn (kayak class (18' max length))

Overall Standings

1	1300 - 1300	FINISH	06:13:14
2	2115 - Scroggins	FINISH	06:30:16
3	1410 - 1410	FINISH	06:34:40
4	1040 - 1040	FINISH	06:40:27
5	1006 - 1006	FINISH	06:51:10
6	0808 - 0808	FINISH	06:56:00
6	2919 - 2919	FINISH	06:56:00
8	8055 - 8055	FINISH	06:57:31
9	7871 - 7871	FINISH	07:16:00
10	4862 - 4862	FINISH	07:20:13
22	2442 - Vaughn	FINISH	07:42:57

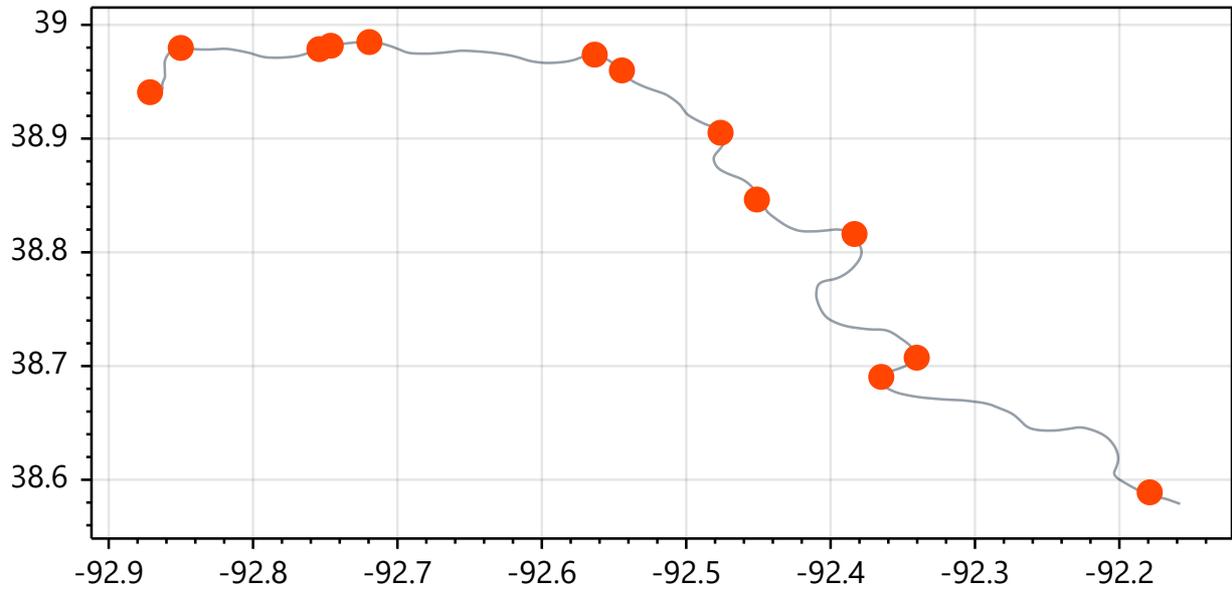
Division Standings: kayak class (18' max length)

1	1006 - 1006	FINISH	06:51:10
2	4001 - 4001	FINISH	07:28:00
3	7779 - 7779	FINISH	07:39:00
3	0430 - Meyer	FINISH	07:39:00
5	0008 - 0008	FINISH	07:41:18
6	1066 - Angus	FINISH	07:41:39
7	2442 - Vaughn	FINISH	07:42:57
8	2732 - 2732	FINISH	07:45:17
9	1111 - 1111	FINISH	07:46:55
10	0929 - Mitchell	FINISH	07:52:00

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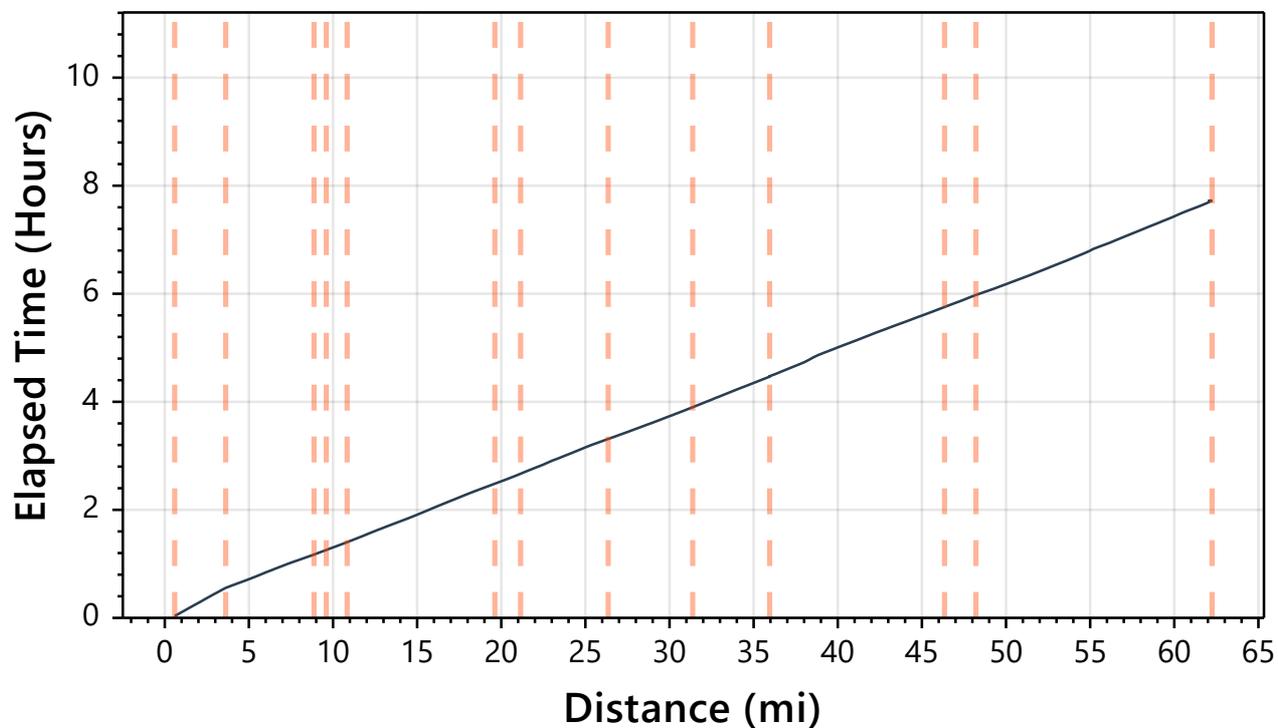
Race Course Map



Race Progress

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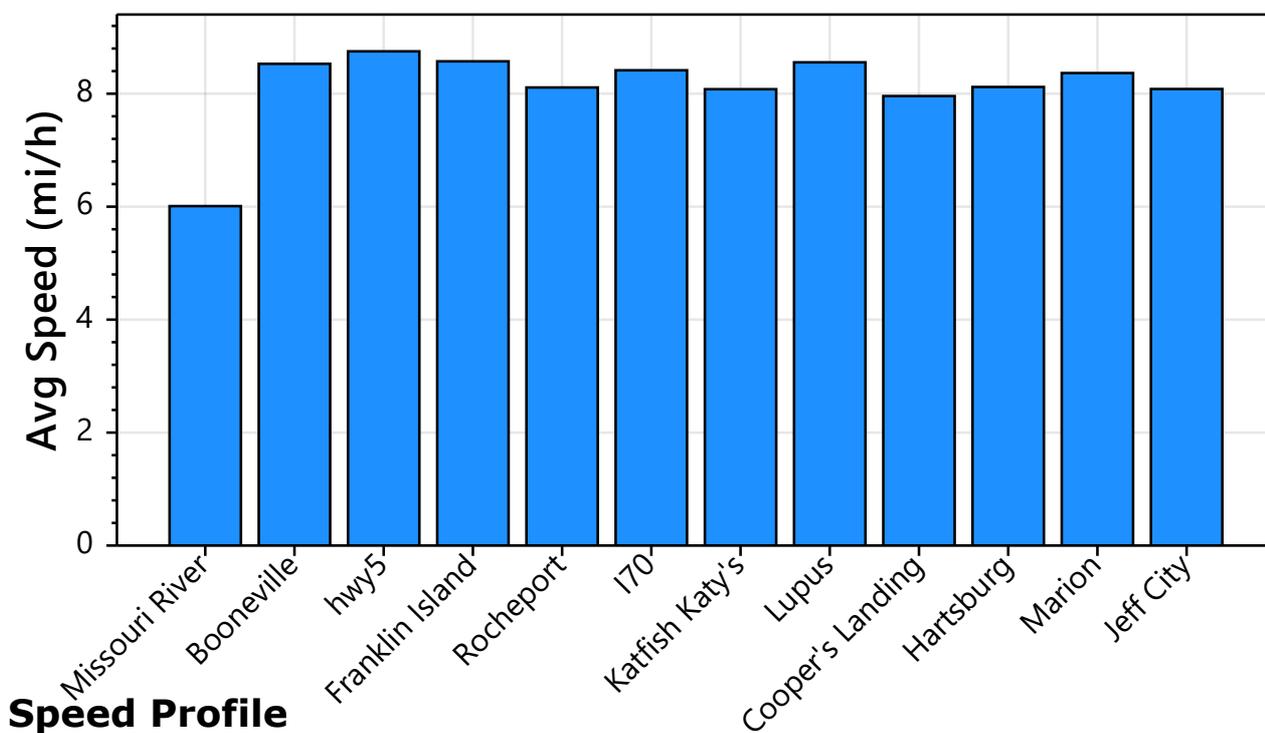
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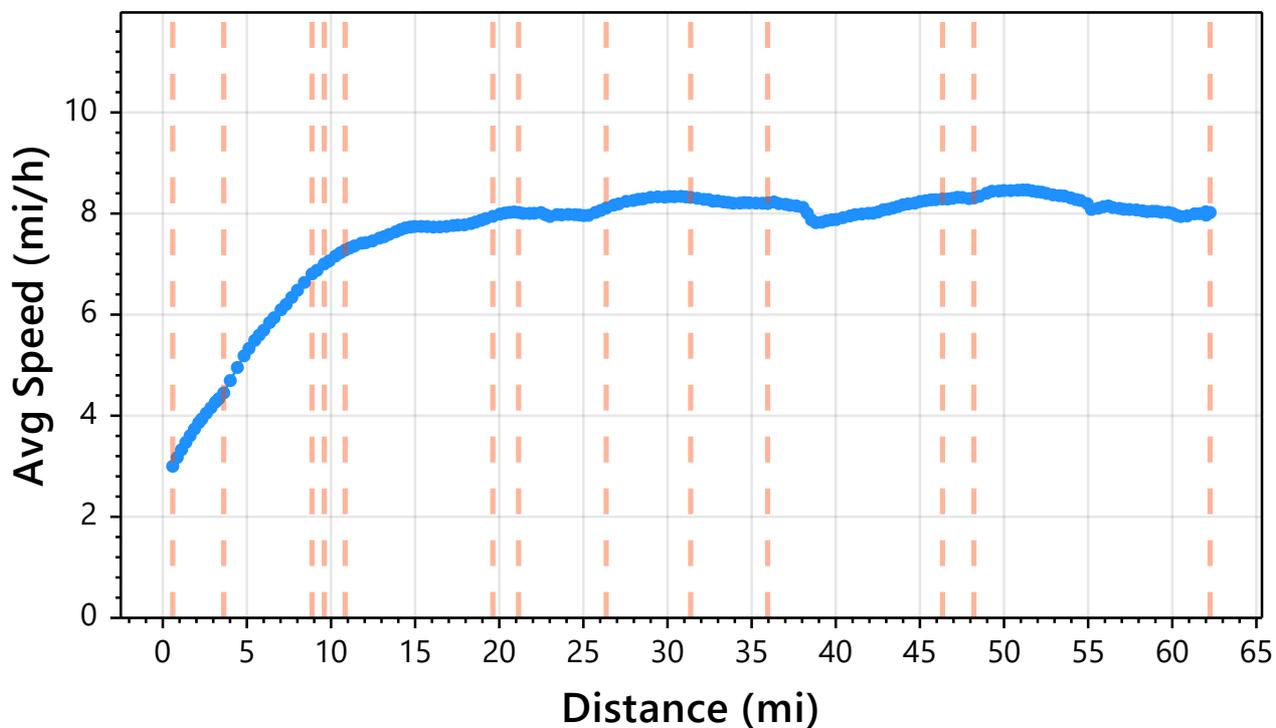
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Segment Average Speeds



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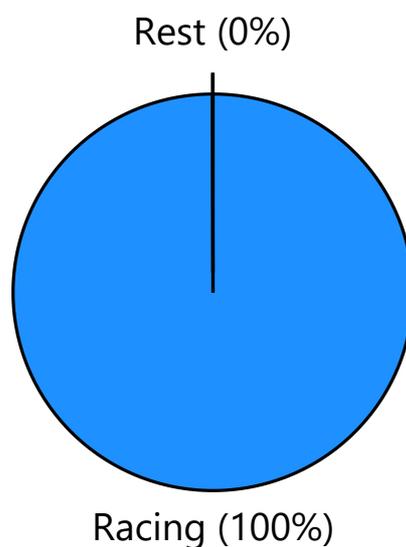
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Racing vs. Rest Distribution



Detailed Checkpoint Summary

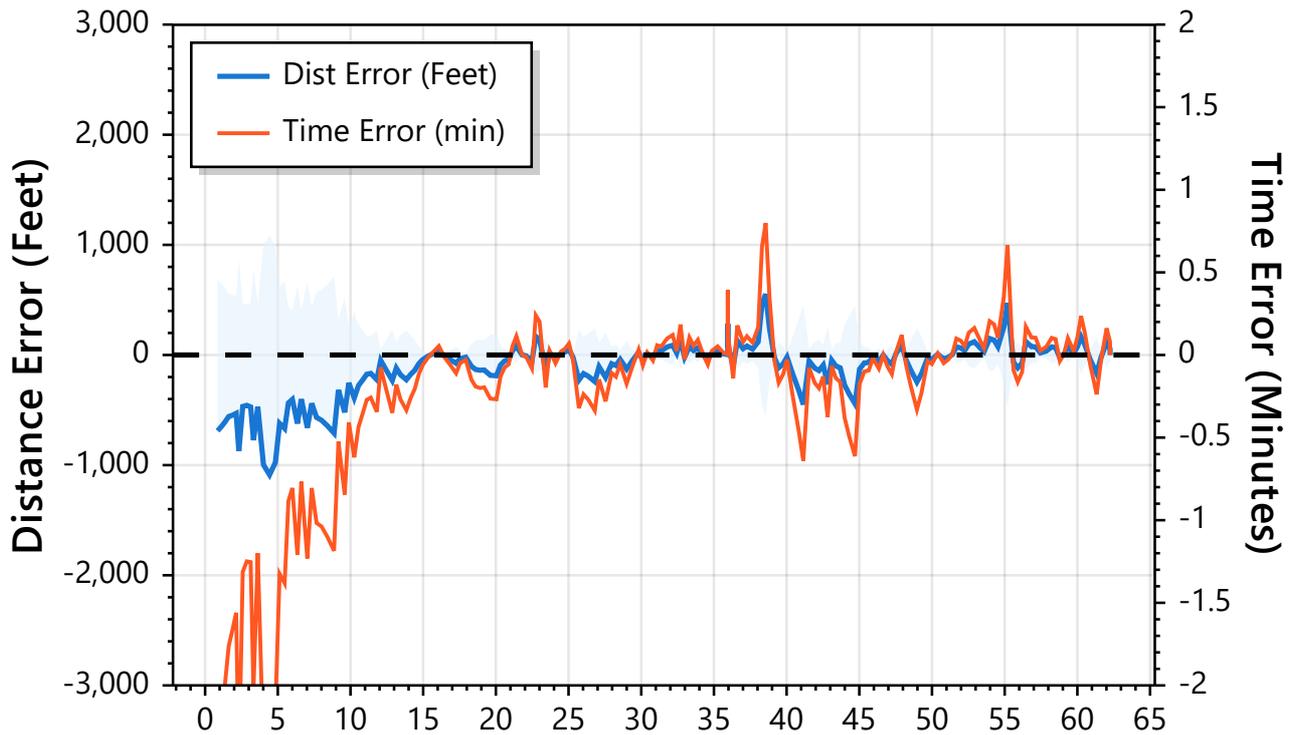
Checkpoint	In/Out	Elapsed	Dist(mi)	Split(mi)	Leg Time	Stay
Freedom Start	--- 08:45	00:00:00	0.0	0.0	00:00:00	---
Missouri River	07/10 09:18 09:18	00:33:04	3.3	3.3	00:33:04	---
Booneville	07/10 09:56 09:56	01:11:00	8.7	5.4	00:37:56	00:00:08
hwy5	07/10 09:59 09:59	01:14:22	9.2	0.5	00:03:14	---
Franklin Island	07/10 10:09 10:09	01:24:39	10.6	1.5	00:10:17	---
Rocheport	07/10 11:14 11:14	02:29:39	19.4	8.8	01:05:00	---
I70	07/10 11:24 11:24	02:39:39	20.8	1.4	00:10:00	---
Katfish Katy's	07/10 12:04 12:04	03:19:47	26.2	5.4	00:40:08	---
Lupus	07/10 12:38 12:38	03:53:26	31.0	4.8	00:33:39	---
Cooper's Landing	07/10 13:13 13:13	04:28:27	35.7	4.6	00:35:01	---
Hartsburg	07/10 14:30 14:30	05:45:21	46.1	10.4	01:16:54	00:00:01
Marion	07/10 14:42 14:42	05:57:59	47.8	1.8	00:12:37	---
Jeff City	07/10 16:27 ---	07:42:57	62.0	14.1	01:44:58	---

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RaceOwl Estimation Performance

Variance between predicted position and actual progress.



Tracking Performance

Metric	Min	Max	Avg	Median	Std Dev
Update Interval (Min)	0.13	3.27	2.42	2.22	0.45
Time Error (Min)	-2.51	0.80	-0.26	-0.06	0.59
Distance Error (Feet)	-1087.67	553.01	-119.43	-46.18	256.77