

Midwest Paddle Racing Freedom Race 2021

Amelung - Performance Analysis

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

Zone: Central Standard Time

Team: #4728 - Amelung (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
41	4728 - Amelung	FINISH	08:18:32

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
17	4728 - Amelung	FINISH	08:18:32

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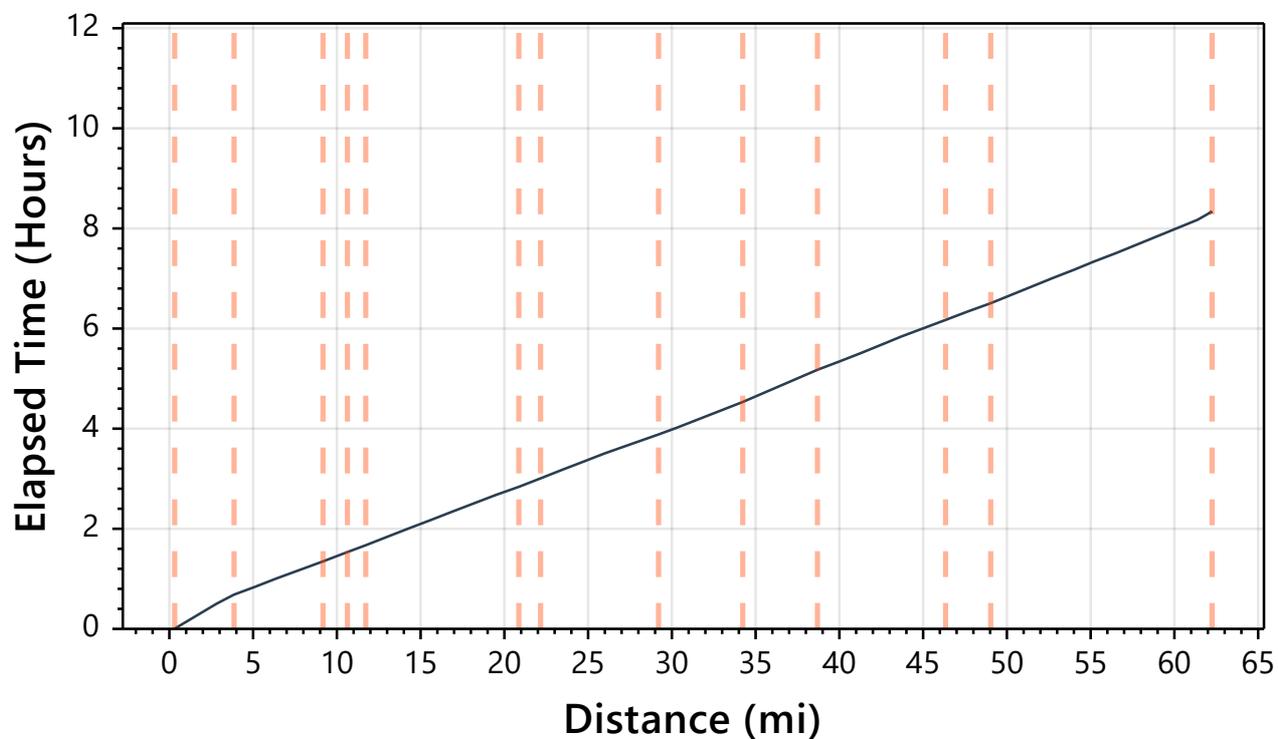
Race Course Map



Race Progress

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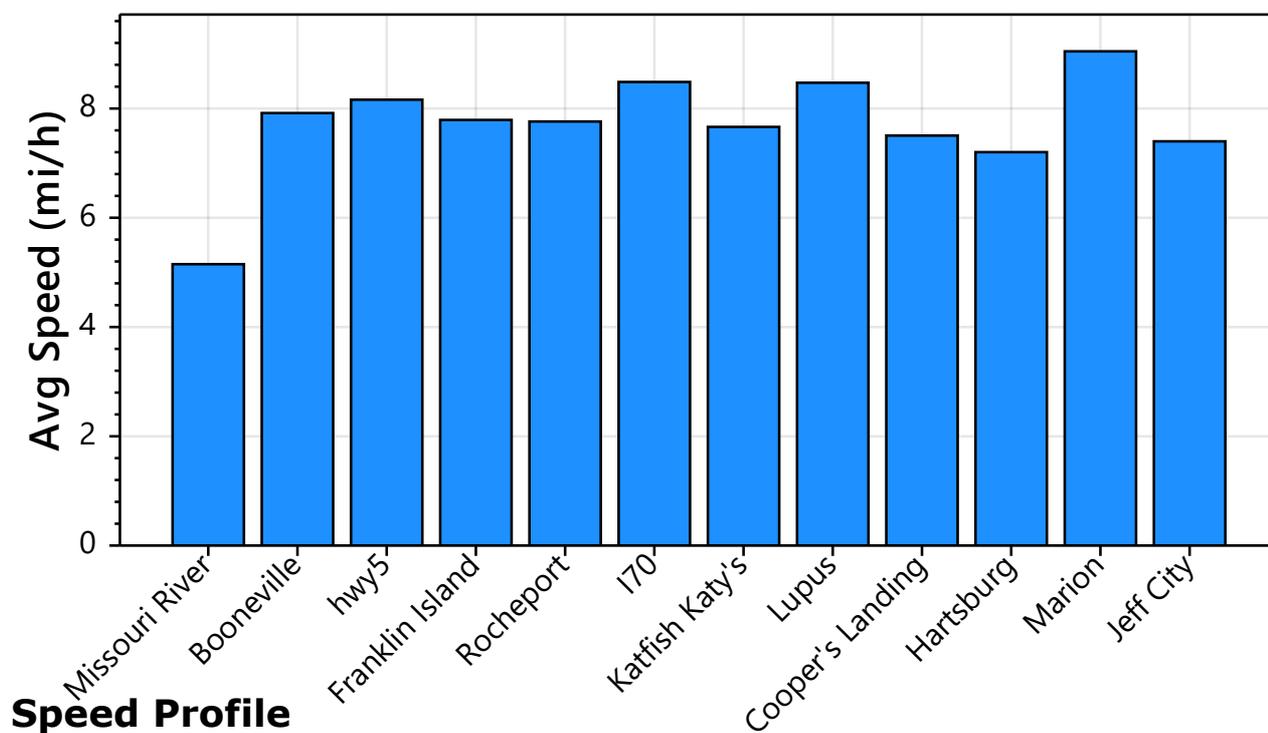
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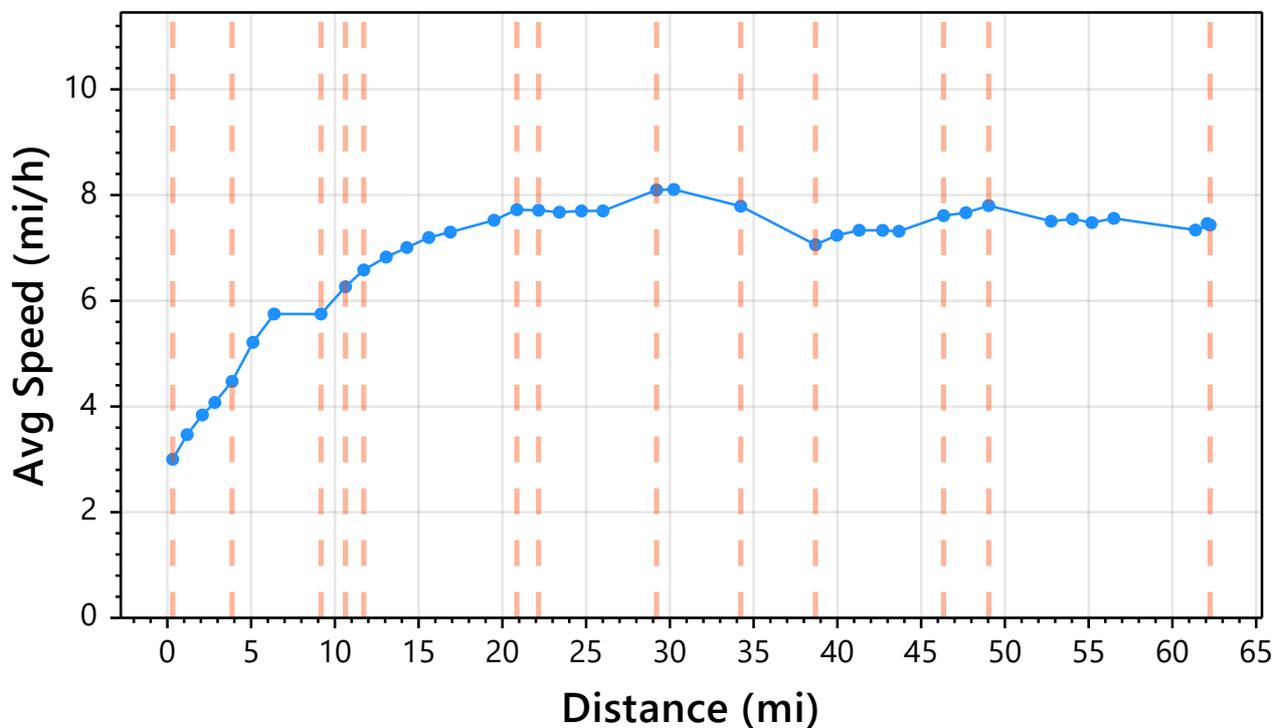
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Segment Average Speeds



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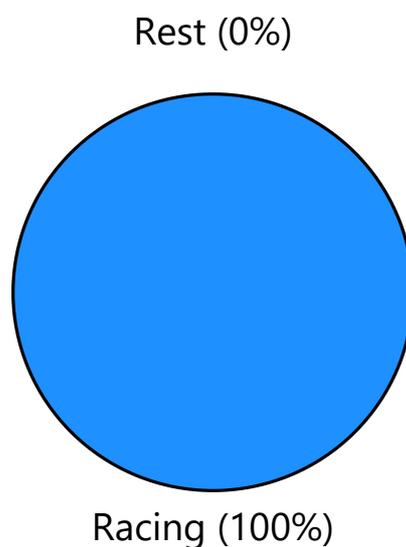
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Racing vs. Rest Distribution



Detailed Checkpoint Summary

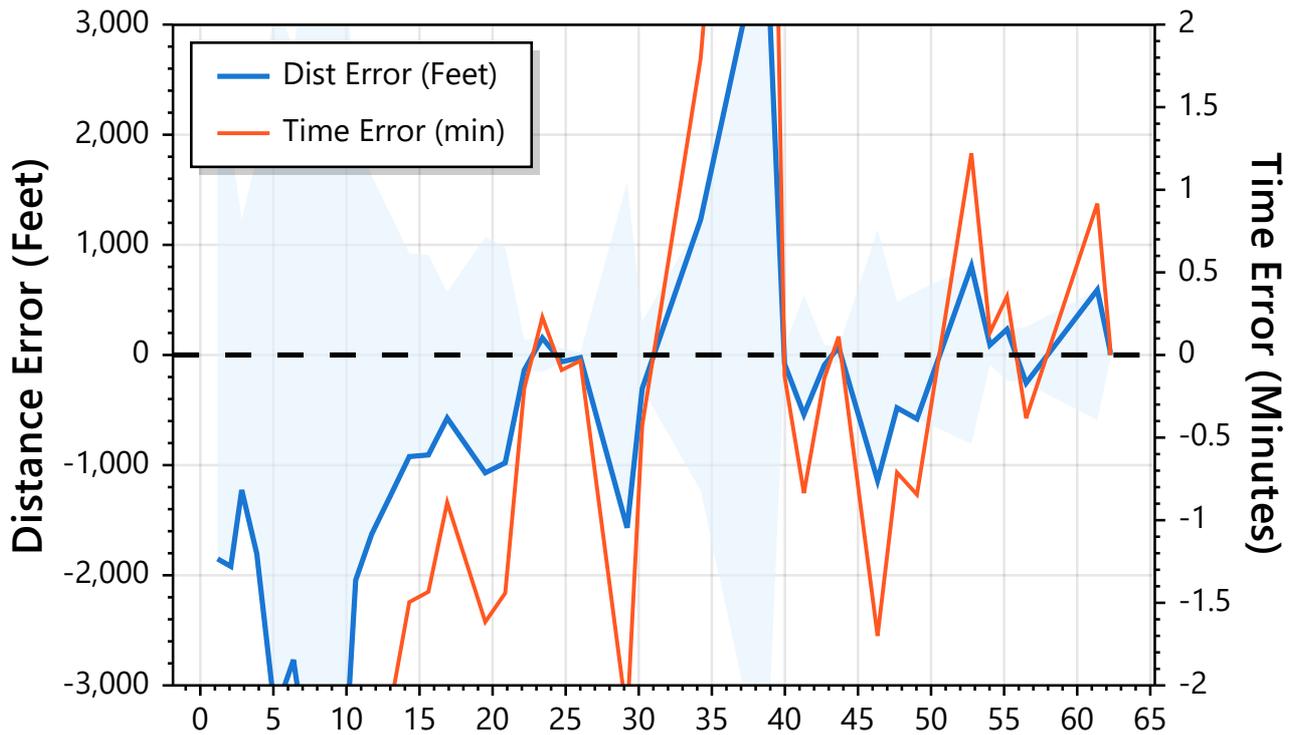
Checkpoint	In/Out	Elapsed	Dist(mi)	Split(mi)	Leg Time	Stay
Freedom Start	--- 08:45	00:00:00	0.0	0.0	00:00:00	---
Missouri River	07/10 09:23 09:23	00:38:35	3.3	3.3	00:38:35	---
Booneville	07/10 10:04 10:04	01:19:27	8.7	5.4	00:40:52	---
hwy5	07/10 10:07 10:07	01:22:55	9.2	0.5	00:03:28	---
Franklin Island	07/10 10:19 10:19	01:34:14	10.6	1.5	00:11:19	---
Rocheport	07/10 11:27 11:27	02:42:09	19.4	8.8	01:07:55	---
I70	07/10 11:37 11:37	02:52:04	20.8	1.4	00:09:55	---
Katfish Katy's	07/10 12:19 12:19	03:34:23	26.2	5.4	00:42:19	---
Lupus	07/10 12:53 12:53	04:08:22	31.0	4.8	00:33:59	---
Cooper's Landing	07/10 13:30 13:30	04:45:30	35.7	4.6	00:37:08	---
Hartsburg	07/10 14:57 14:57	06:12:12	46.1	10.4	01:26:42	---
Marion	07/10 15:08 15:08	06:23:52	47.8	1.8	00:11:40	---
Jeff City	07/10 17:03 ---	08:18:32	62.0	14.1	01:54:40	---

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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)	7.60	39.98	13.89	10.12	8.39
Time Error (Min)	-10.51	6.38	-1.48	-0.84	2.86
Distance Error (Feet)	-5318.30	3962.41	-692.12	-539.68	1436.16