

# 2025 MR340

## The Needle IV - Performance Analysis

Start: Monday, July 7, 2025 12:00 AM

Zone: Central Standard Time

**Team: #1375 - The Needle IV (solo man paddle)**

### Overall Standings

1	2908 - Pedal Maniacs	FINISH	39:25:08
2	1031 - 10thLife 5353	FINISH	39:42:36
3	1411 - El Duderino	FINISH	40:42:26
4	1416 - Kerr	FINISH	41:44:38
5	4008 - 4Play	FINISH	43:09:08
6	2202 - 118 Years of Saltitude	FINISH	43:33:41
7	1480 - He's Able	FINISH	44:00:02
8	1366 - 8168	FINISH	44:22:21
9	2255 - Ol Buds	FINISH	46:29:04
10	9001 - Pan Am Express	FINISH	46:34:57
<b>140</b>	<b>1375 - The Needle IV</b>	<b>FINISH</b>	<b>66:56:24</b>

### Division Standings: solo man paddle

1	1411 - El Duderino	FINISH	40:42:26
2	1416 - Kerr	FINISH	41:44:38
3	1480 - He's Able	FINISH	44:00:02
4	1366 - 8168	FINISH	44:22:21
5	1310 - Behrns	FINISH	48:03:46
6	1486 - Bonnie	FINISH	48:41:25
7	1381 - Rothweiler	FINISH	53:17:35
8	1367 - Flipper	FINISH	53:45:00
9	1333 - Nessie	FINISH	53:59:15
10	1361 - Reded Cayuco	FINISH	55:24:47
<b>58</b>	<b>1375 - The Needle IV</b>	<b>FINISH</b>	<b>66:56:24</b>

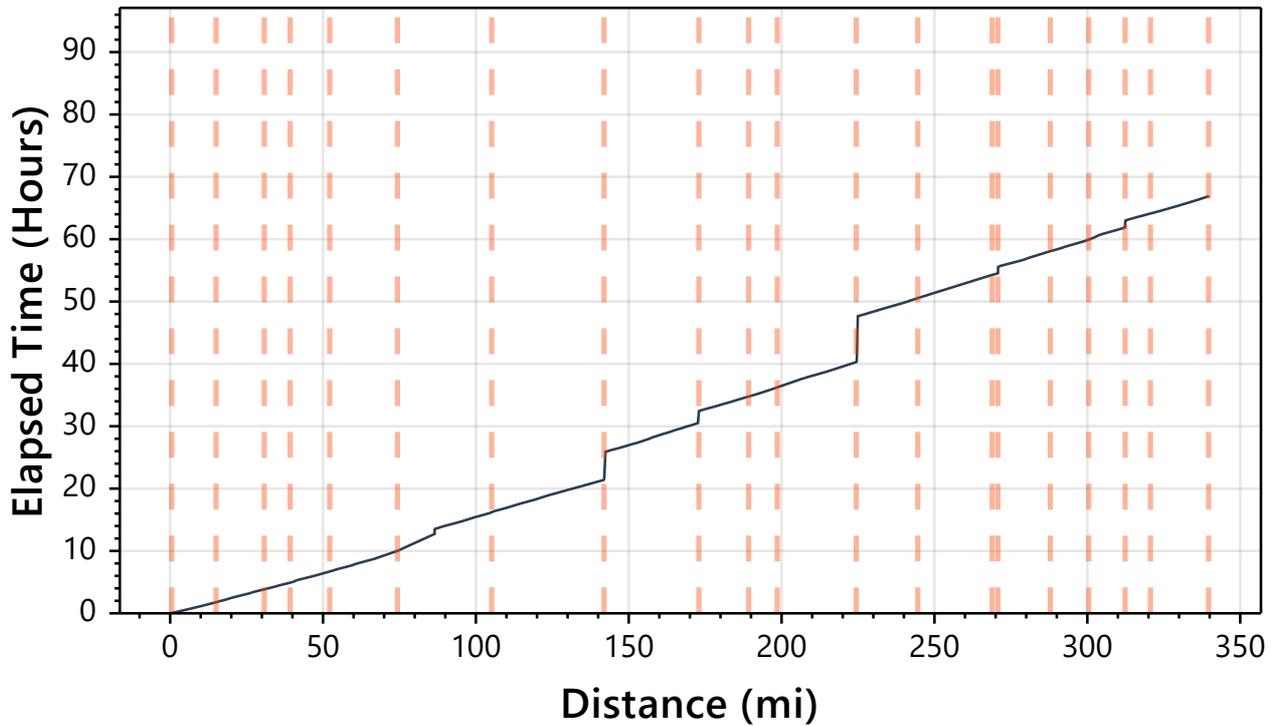
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The Needle IV - Performance Analysis

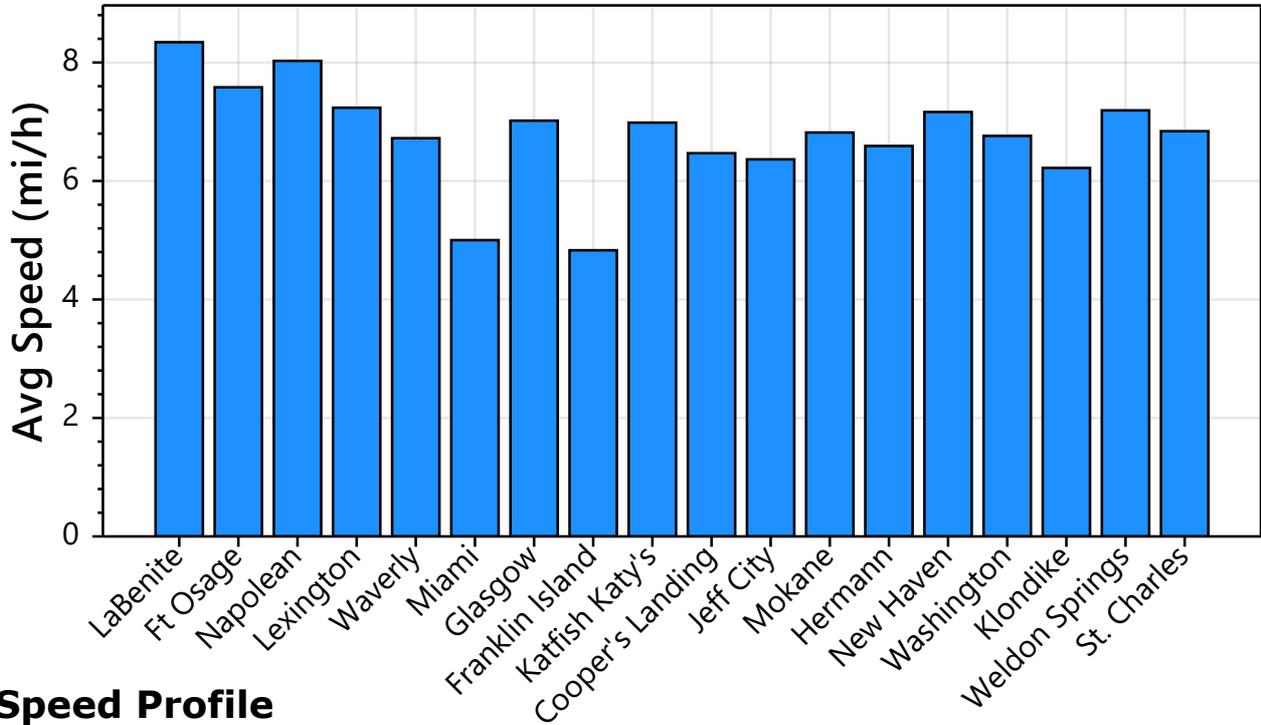
## Race Course Map



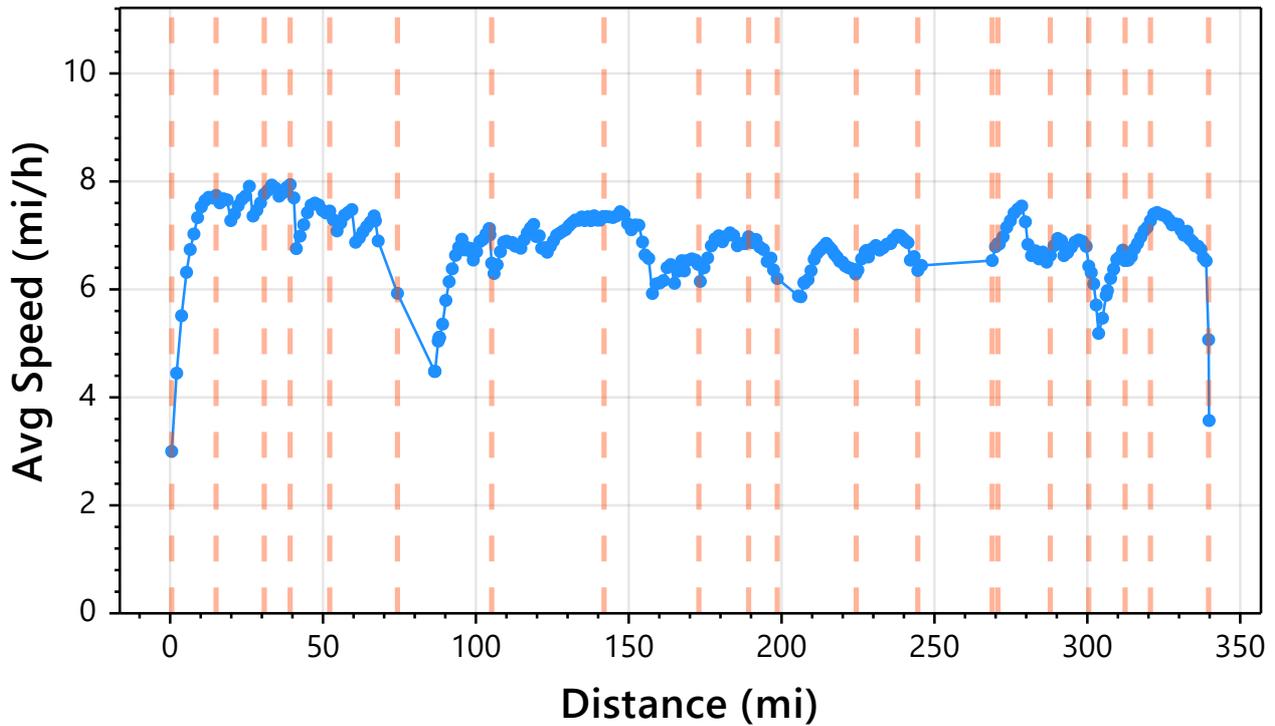
## Race Progress



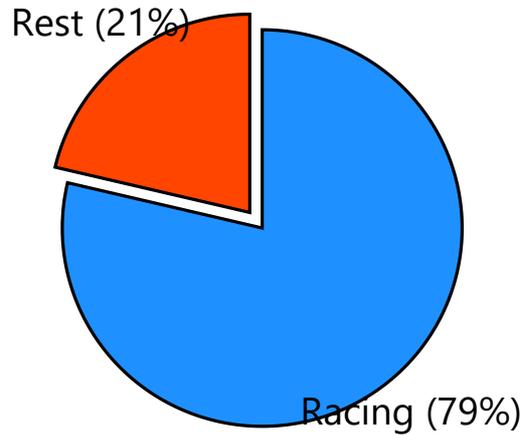
### Segment Average Speeds



### Speed Profile



## Racing vs. Rest Distribution



## Detailed Checkpoint Summary

Checkpoint	In/Out	Elapsed	Dist(mi)	Split(mi)	Leg Time	Stay
Kaw Point	--- 07:00	00:00:00	0.0	0.0	00:00:00	---
LaBenite	07/08 08:47 08:47	01:47:09	14.9	14.9	01:47:09	00:00:22
Ft Osage	07/08 10:49 10:49	03:49:56	30.4	15.5	02:02:25	---
Napolean	07/08 11:53 11:54	04:53:52	38.9	8.6	01:03:56	00:00:21
Lexington	07/08 13:35 13:35	06:35:52	51.2	12.3	01:41:39	---
Waverly	07/08 17:00 17:00	10:00:50	74.1	23.0	03:24:58	---
Miami	07/08 23:08 23:11	16:08:54	104.8	30.7	06:08:04	00:03:05
Glasgow	07/09 04:27 08:51	21:27:32	141.7	36.9	05:15:33	04:23:45
Franklin Island	07/09 15:16 15:26	32:16:21	172.7	31.0	06:25:04	00:10:09
Katfish Katy's	07/09 17:40 17:40	34:40:26	188.3	15.6	02:13:56	---
Cooper's Landing	07/09 19:08 19:08	36:08:01	197.8	9.4	01:27:35	00:00:10
Jeff City	07/09 23:17 06:37	40:17:18	224.2	26.4	04:09:07	07:20:00
Mokane	07/10 09:25 09:27	50:25:30	243.3	19.1	02:48:12	00:01:39
Hermann	07/10 13:32 14:32	54:32:51	270.3	26.9	04:05:42	00:59:44
New Haven	07/10 16:49 16:56	57:49:42	286.6	16.4	02:17:07	00:06:51
Washington	07/10 18:52 18:56	59:52:54	299.7	13.1	01:56:21	00:03:07
Klondike	07/10 20:52 21:59	61:52:24	311.8	12.1	01:56:23	01:07:27
Weldon Springs	07/10 23:03 23:03	64:03:34	319.4	7.6	01:03:43	---

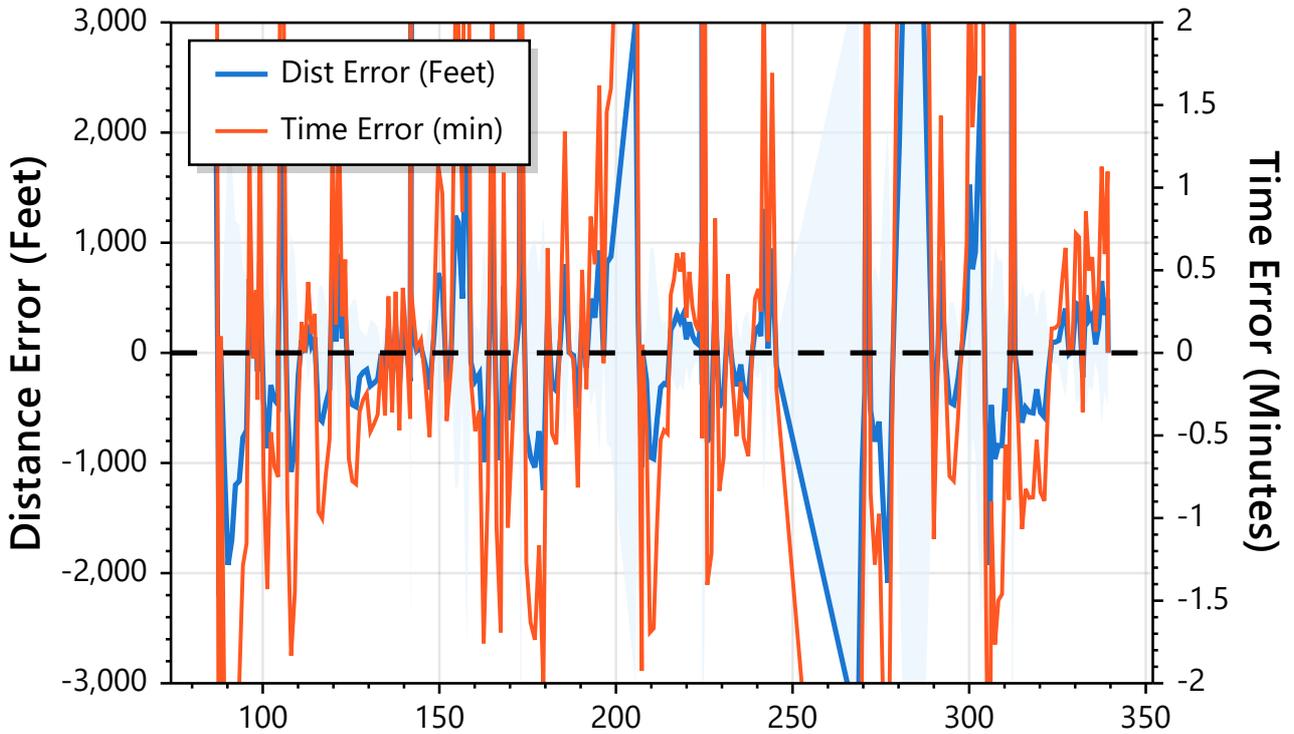
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## *The Needle IV - Performance Analysis*

<b>Checkpoint</b>	<b>In/Out</b>	<b>Elapsed</b>	<b>Dist(mi)</b>	<b>Split(mi)</b>	<b>Leg Time</b>	<b>Stay</b>
St. Charles	07/11 01:56 ---	66:56:24	339.1	19.7	02:52:50	---

## RaceOwl Estimation Performance

Variance between predicted position and actual progress.



## Tracking Performance

Metric	Min	Max	Avg	Median	Std Dev
Update Interval (Min)	0.05	435.43	13.38	8.82	<b>32.59</b>
Time Error (Min)	-5.98	10.94	0.31	-0.03	<b>2.24</b>
Distance Error (Feet)	-3438.76	6292.76	174.27	-17.46	<b>1270.17</b>