

Midwest Paddle Racing Freedom Race 2021

Pitts - Performance Analysis

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

Zone: Central Standard Time

Team: #5104 - Pitts (men's solo unlimited)

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 |
| 35 | 5104 - Pitts | FINISH | 08:03:25 |

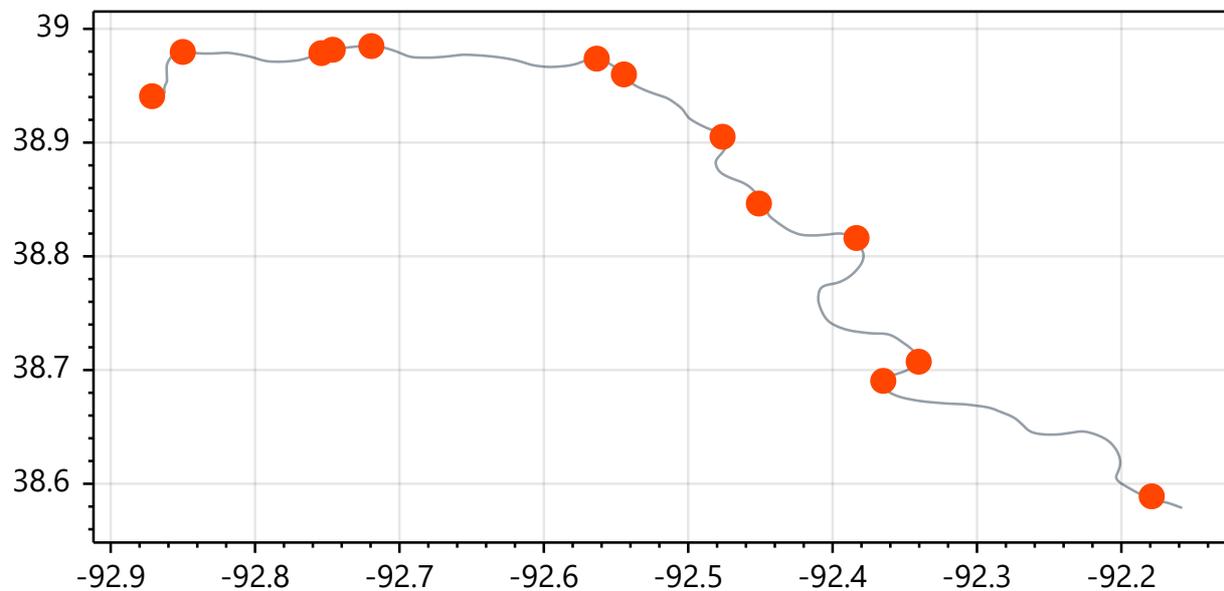
Division Standings: men's solo unlimited

| | | | |
|----------|---------------------|---------------|-----------------|
| 1 | 1410 - 1410 | FINISH | 06:34:40 |
| 2 | 1040 - 1040 | FINISH | 06:40:27 |
| 3 | 8055 - 8055 | FINISH | 06:57:31 |
| 4 | 7871 - 7871 | FINISH | 07:16:00 |
| 5 | 6000 - 6000 | FINISH | 07:30:00 |
| 6 | 8484 - 8484 | FINISH | 07:38:00 |
| 7 | 7872 - 7872 | FINISH | 07:55:16 |
| 8 | 0613 - 0613 | FINISH | 07:59:00 |
| 9 | 5104 - Pitts | FINISH | 08:03:25 |
| 10 | 5209 - 5209 | FINISH | 08:10:28 |

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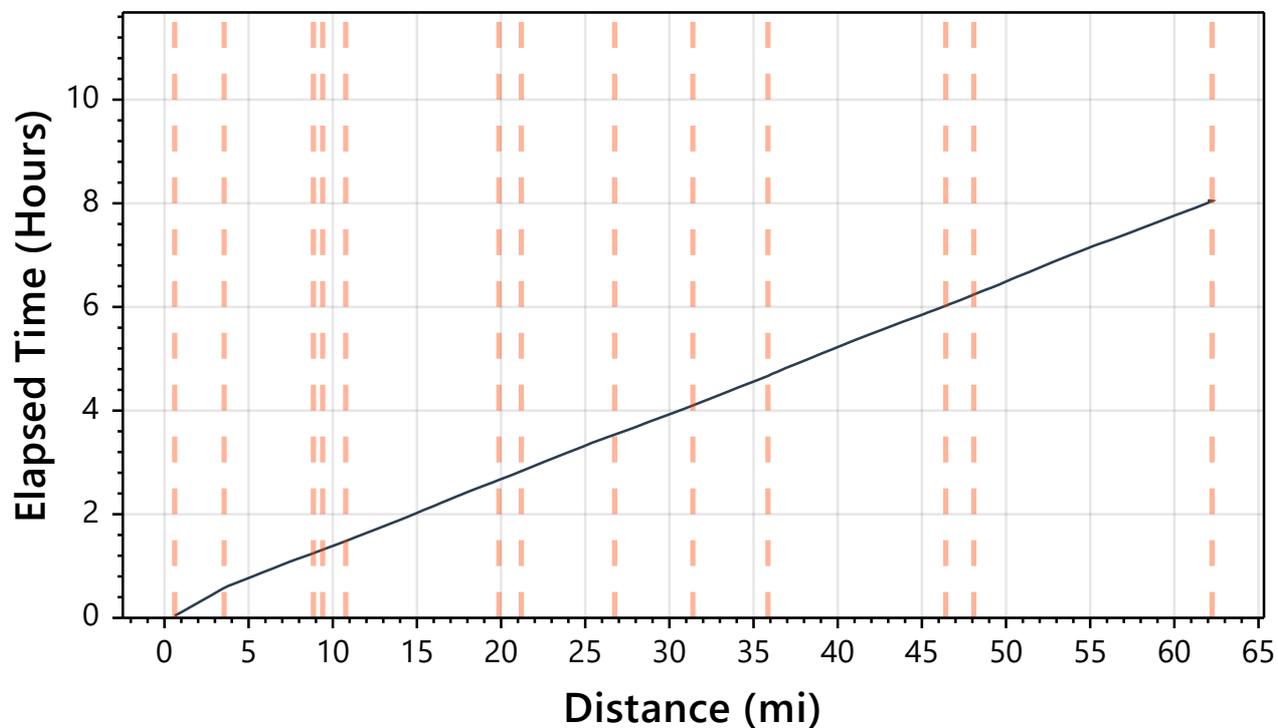
Race Course Map



Race Progress

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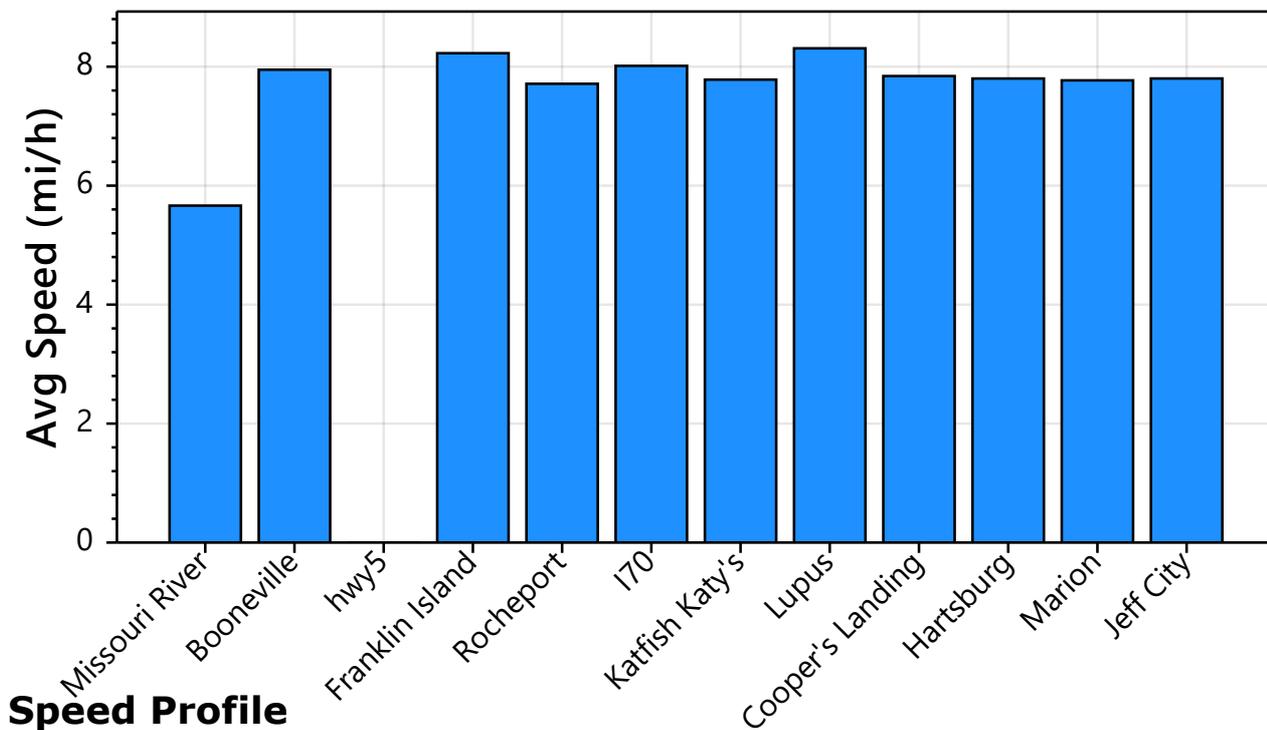
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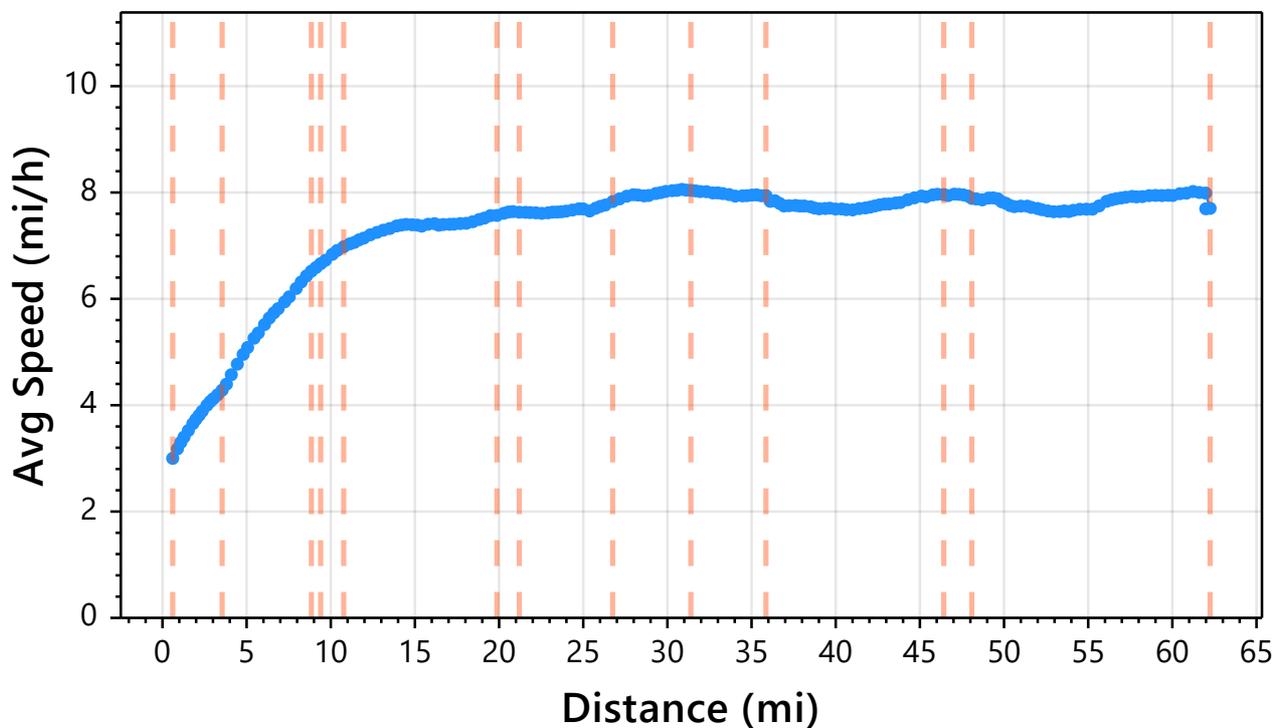
Pitts - Performance Analysis

Segment Average Speeds



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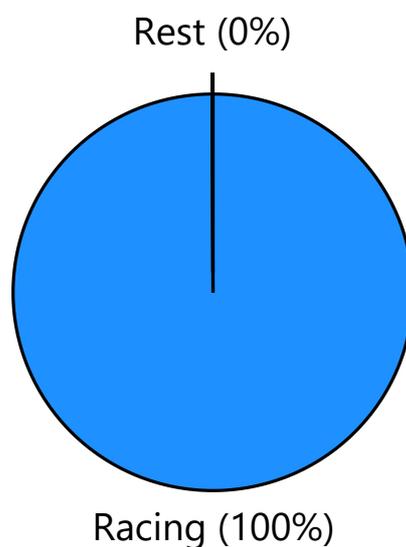
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Racing vs. Rest Distribution



Detailed Checkpoint Summary

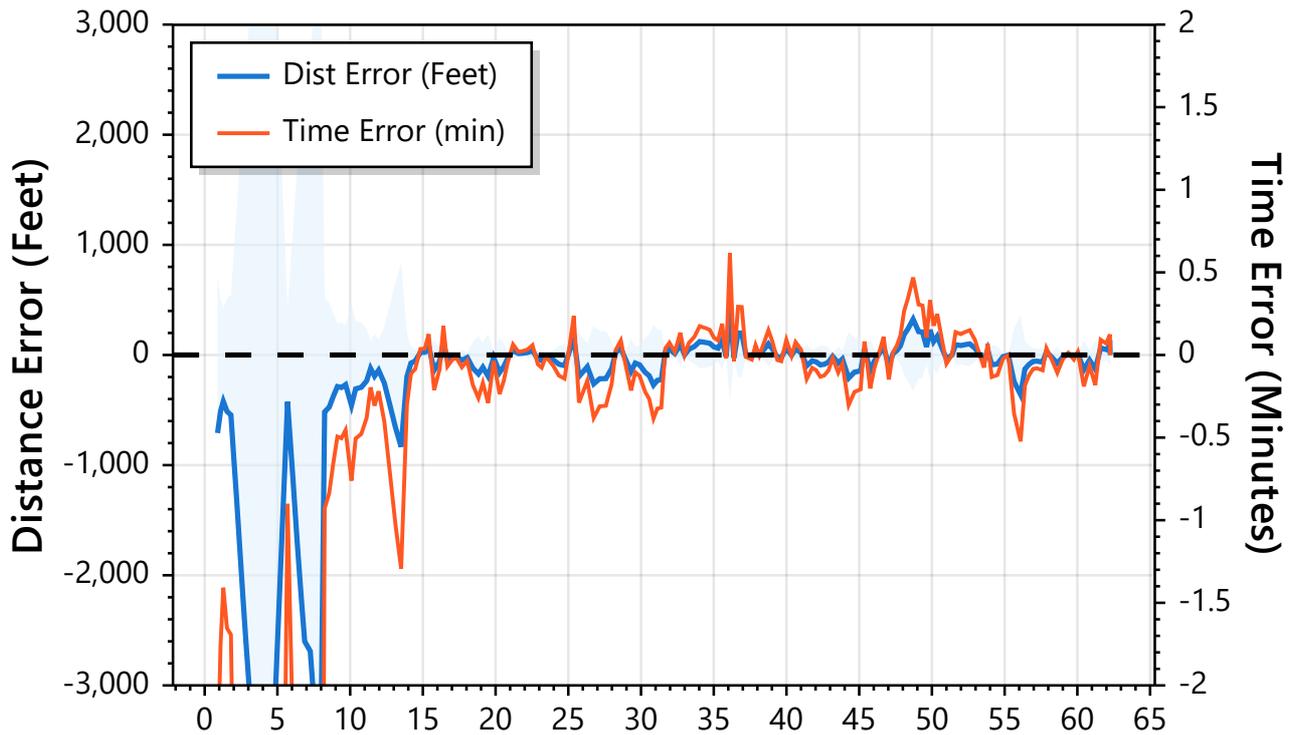
| Checkpoint | In/Out | Elapsed | Dist(mi) | Split(mi) | Leg Time | Stay |
|------------------|----------------------|----------|----------|-----------|----------|----------|
| Freedom Start | --- 08:45 | 00:00:00 | 0.0 | 0.0 | 00:00:00 | --- |
| Missouri River | 07/10 09:20 09:20 | 00:35:05 | 3.3 | 3.3 | 00:35:05 | --- |
| Booneville | 07/10 10:00 --- | 01:15:47 | 8.7 | 5.4 | 00:40:42 | --- |
| hwy5 | 07/10 10:04 10:04 | 01:19:18 | 9.2 | 0.5 | --- | --- |
| Franklin Island | 07/10 10:15 10:15 | 01:30:01 | 10.6 | 1.5 | 00:10:43 | --- |
| Rocheport | 07/10 11:23 11:23 | 02:38:22 | 19.4 | 8.8 | 01:08:21 | 00:00:07 |
| I70 | 07/10 11:33 11:33 | 02:48:59 | 20.8 | 1.4 | 00:10:30 | --- |
| Katfish Katy's | 07/10 12:15 12:15 | 03:30:39 | 26.2 | 5.4 | 00:41:40 | --- |
| Lupus | 07/10 12:50 12:50 | 04:05:18 | 31.0 | 4.8 | 00:34:39 | --- |
| Cooper's Landing | 07/10 13:25 13:25 | 04:40:50 | 35.7 | 4.6 | 00:35:32 | --- |
| Hartsburg | 07/10 14:45 14:46 | 06:00:52 | 46.1 | 10.4 | 01:20:02 | 00:00:13 |
| Marion | 07/10 14:59 14:59 | 06:14:40 | 47.8 | 1.8 | 00:13:35 | --- |
| Jeff City | 07/10 16:48 --- | 08:03:25 | 62.0 | 14.1 | 01:48:45 | --- |

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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) | 0.67 | 3.22 | 2.47 | 2.30 | 0.42 |
| Time Error (Min) | -13.65 | 0.62 | -0.71 | -0.07 | 2.10 |
| Distance Error (Feet) | -5494.41 | 424.50 | -303.93 | -48.45 | 863.60 |