

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023**

Track map included on last page of report

Section: Lap**Length: 4.014000 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	7	Rossi, Alexander	D/C/F	01:41.7790	141.978	4
2	18	Malukas, David	D/H/F	01:41.8652	141.858	3
3	10	Palou, Alex	D/H/F	01:41.9486	141.742	13
4	9	Dixon, Scott	D/H/F	01:41.9544	141.734	17
5	5	O'Ward, Pato	D/C/F	01:41.9778	141.701	6
6	8	Ericsson, Marcus	D/H/F	01:42.0426	141.611	13
7	45	Lundgaard, Christian	D/H/F	01:42.0534	141.596	16
8	6	Rosenqvist, Felix	D/C/F	01:42.0633	141.583	4
9	26	Herta, Colton	D/H/F	01:42.0789	141.561	12
10	11	Armstrong, Marcus (R)	D/H/F	01:42.2146	141.373	16
11	15	Rahal, Graham	D/H/F	01:42.3731	141.154	16
12	29	DeFrancesco, Devlin	D/H/F	01:42.4372	141.066	13
13	14	Ferrucci, Santino	D/C/F	01:42.4680	141.024	15
14	51	Robb, Sting Ray (R)	D/H/F	01:42.5097	140.966	20
15	3	McLaughlin, Scott	D/C/F	01:42.5799	140.870	12
16	2	Newgarden, Josef	D/C/F	01:42.6013	140.840	10
17	12	Power, Will	D/C/F	01:42.7382	140.653	13
18	28	Grosjean, Romain	D/H/F	01:42.8418	140.511	13
19	27	Kirkwood, Kyle	D/H/F	01:42.8773	140.462	11
20	06	Castroneves, Helio	D/H/F	01:43.0304	140.254	17
21	78	Canapino, Agustin (R)	D/C/F	01:43.0679	140.203	15
22	20	Hunter-Reay, Ryan	D/C/F	01:43.1368	140.109	16
23	30	Harvey, Jack	D/H/F	01:43.1707	140.063	4
24	55	Pedersen, Benjamin (R)	D/C/F	01:43.2036	140.018	14
25	77	Illott, Callum	D/C/F	01:43.2368	139.973	11
26	21	VeeKay, Rinus	D/C/F	01:43.3655	139.799	15
27	60	Pagenaud, Simon	D/H/F	01:43.4092	139.740	14

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SF to I1B****Length: 0.235417 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:04.5421	186.588	13
2	7	Rossi, Alexander	D/C/F	00:04.5749	185.250	13
3	11	Armstrong, Marcus (R)	D/H/F	00:04.5802	185.036	7
4	21	VeeKay, Rinus	D/C/F	00:04.5855	184.822	15
5	29	DeFrancesco, Devlin	D/H/F	00:04.5874	184.745	6
6	77	Ilott, Callum	D/C/F	00:04.5894	184.665	12
7	45	Lundgaard, Christian	D/H/F	00:04.6085	183.899	16
8	18	Malukas, David	D/H/F	00:04.6103	183.828	15
9	78	Canapino, Agustin (R)	D/C/F	00:04.6133	183.708	7
10	27	Kirkwood, Kyle	D/H/F	00:04.6142	183.672	11
11	30	Harvey, Jack	D/H/F	00:04.6196	183.457	17
12	20	Hunter-Reay, Ryan	D/C/F	00:04.6221	183.358	6
13	12	Power, Will	D/C/F	00:04.6231	183.319	13
14	60	Pagenaud, Simon	D/H/F	00:04.6239	183.287	5
15	26	Herta, Colton	D/H/F	00:04.6242	183.275	4
16	8	Ericsson, Marcus	D/H/F	00:04.6254	183.227	4
17	14	Ferrucci, Santino	D/C/F	00:04.6261	183.200	14
18	15	Rahal, Graham	D/H/F	00:04.6266	183.180	16
19	9	Dixon, Scott	D/H/F	00:04.6284	183.109	5
20	3	McLaughlin, Scott	D/C/F	00:04.6290	183.085	4
21	2	Newgarden, Josef	D/C/F	00:04.6295	183.065	4
22	51	Robb, Sting Ray (R)	D/H/F	00:04.6347	182.860	19
23	06	Castroneves, Helio	D/H/F	00:04.6351	182.844	17
24	55	Pedersen, Benjamin (R)	D/C/F	00:04.6363	182.797	21
25	10	Palou, Alex	D/H/F	00:04.6382	182.722	6
26	6	Rosenqvist, Felix	D/C/F	00:04.6438	182.501	4
27	28	Grosjean, Romain	D/H/F	00:04.6545	182.082	5

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Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I2 to I3****Length: 0.158902 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	14	Ferrucci, Santino	D/C/F	00:03.7007	154.578	16
2	10	Palou, Alex	D/H/F	00:03.7132	154.057	13
3	5	O'Ward, Pato	D/C/F	00:03.7197	153.788	13
4	8	Ericsson, Marcus	D/H/F	00:03.7232	153.643	13
5	28	Grosjean, Romain	D/H/F	00:03.7287	153.417	13
6	9	Dixon, Scott	D/H/F	00:03.7300	153.363	10
7	45	Lundgaard, Christian	D/H/F	00:03.7376	153.052	8
8	6	Rosenqvist, Felix	D/C/F	00:03.7386	153.011	13
9	7	Rossi, Alexander	D/C/F	00:03.7389	152.998	12
10	29	DeFrancesco, Devlin	D/H/F	00:03.7389	152.998	9
11	18	Malukas, David	D/H/F	00:03.7423	152.859	14
12	3	McLaughlin, Scott	D/C/F	00:03.7447	152.761	12
13	15	Rahal, Graham	D/H/F	00:03.7478	152.635	15
14	06	Castroneves, Helio	D/H/F	00:03.7532	152.415	17
15	11	Armstrong, Marcus (R)	D/H/F	00:03.7545	152.363	14
16	12	Power, Will	D/C/F	00:03.7742	151.567	14
17	30	Harvey, Jack	D/H/F	00:03.7745	151.555	17
18	26	Herta, Colton	D/H/F	00:03.7765	151.475	12
19	78	Canapino, Agustin (R)	D/C/F	00:03.7857	151.107	14
20	51	Robb, Sting Ray (R)	D/H/F	00:03.7928	150.824	21
21	51	Robb, Sting Ray (R)	D/H/F	00:03.7928	150.824	20
22	21	VeeKay, Rinus	D/C/F	00:03.7962	150.689	6
23	55	Pedersen, Benjamin (R)	D/C/F	00:03.8023	150.447	14
24	2	Newgarden, Josef	D/C/F	00:03.8030	150.420	10
25	77	Ilott, Callum	D/C/F	00:03.8064	150.285	13
26	60	Pagnaud, Simon	D/H/F	00:03.8073	150.250	4
27	20	Hunter-Reay, Ryan	D/C/F	00:03.8073	150.250	16
28	27	Kirkwood, Kyle	D/H/F	00:03.8640	148.045	11

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Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I3 to I3A****Length: 0.257765 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	45	Lundgaard, Christian	D/H/F	00:07.4277	124.932	8
2	6	Rosenqvist, Felix	D/C/F	00:07.4345	124.817	14
3	14	Ferrucci, Santino	D/C/F	00:07.4419	124.693	12
4	5	O'Ward, Pato	D/C/F	00:07.4618	124.361	6
5	11	Armstrong, Marcus (R)	D/H/F	00:07.4777	124.096	14
6	15	Rahal, Graham	D/H/F	00:07.4826	124.015	16
7	8	Ericsson, Marcus	D/H/F	00:07.4961	123.792	9
8	7	Rossi, Alexander	D/C/F	00:07.5045	123.653	7
9	29	DeFrancesco, Devlin	D/H/F	00:07.5124	123.523	9
10	26	Herta, Colton	D/H/F	00:07.5172	123.444	11
11	21	VeeKay, Rinus	D/C/F	00:07.5193	123.410	7
12	3	McLaughlin, Scott	D/C/F	00:07.5357	123.141	4
13	18	Malukas, David	D/H/F	00:07.5361	123.135	3
14	60	Pagenaud, Simon	D/H/F	00:07.5419	123.040	13
15	9	Dixon, Scott	D/H/F	00:07.5444	122.999	17
16	12	Power, Will	D/C/F	00:07.5496	122.914	14
17	10	Palou, Alex	D/H/F	00:07.5499	122.910	4
18	28	Grosjean, Romain	D/H/F	00:07.5636	122.687	9
19	06	Castroneves, Helio	D/H/F	00:07.5685	122.607	16
20	51	Robb, Sting Ray (R)	D/H/F	00:07.5751	122.501	20
21	55	Pedersen, Benjamin (R)	D/C/F	00:07.5814	122.399	16
22	27	Kirkwood, Kyle	D/H/F	00:07.5854	122.334	11
23	2	Newgarden, Josef	D/C/F	00:07.5911	122.242	4
24	77	Ilott, Callum	D/C/F	00:07.5974	122.141	13
25	20	Hunter-Reay, Ryan	D/C/F	00:07.6262	121.680	16
26	78	Canapino, Agustin (R)	D/C/F	00:07.6386	121.482	13
27	30	Harvey, Jack	D/H/F	00:07.6670	121.032	8

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Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I4 to I4A****Length: 0.173485 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	29	DeFrancesco, Devlin	D/H/F	00:03.3981	183.793	6
2	5	O'Ward, Pato	D/C/F	00:03.3990	183.744	14
3	7	Rossi, Alexander	D/C/F	00:03.4059	183.372	13
4	21	VeeKay, Rinus	D/C/F	00:03.4083	183.243	15
5	45	Lundgaard, Christian	D/H/F	00:03.4240	182.402	16
6	26	Herta, Colton	D/H/F	00:03.4275	182.216	3
7	27	Kirkwood, Kyle	D/H/F	00:03.4293	182.120	11
8	30	Harvey, Jack	D/H/F	00:03.4322	181.967	17
9	18	Malukas, David	D/H/F	00:03.4409	181.506	14
10	14	Ferrucci, Santino	D/C/F	00:03.4431	181.390	15
11	77	Ilott, Callum	D/C/F	00:03.4445	181.317	5
12	20	Hunter-Reay, Ryan	D/C/F	00:03.4447	181.306	14
13	3	McLaughlin, Scott	D/C/F	00:03.4476	181.154	3
14	60	Pagenaud, Simon	D/H/F	00:03.4477	181.148	13
15	15	Rahal, Graham	D/H/F	00:03.4479	181.138	15
16	51	Robb, Sting Ray (R)	D/H/F	00:03.4486	181.101	19
17	06	Castroneves, Helio	D/H/F	00:03.4497	181.043	16
18	8	Ericsson, Marcus	D/H/F	00:03.4501	181.022	5
19	78	Canapino, Agustin (R)	D/C/F	00:03.4510	180.975	15
20	12	Power, Will	D/C/F	00:03.4525	180.897	11
21	9	Dixon, Scott	D/H/F	00:03.4531	180.865	5
22	10	Palou, Alex	D/H/F	00:03.4532	180.860	13
23	6	Rosenqvist, Felix	D/C/F	00:03.4578	180.619	3
24	55	Pedersen, Benjamin (R)	D/C/F	00:03.4681	180.083	21
25	2	Newgarden, Josef	D/C/F	00:03.4681	180.083	6
26	11	Armstrong, Marcus (R)	D/H/F	00:03.4698	179.995	9
27	28	Grosjean, Romain	D/H/F	00:03.4840	179.261	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I5 to I6****Length: 0.139394 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	45	Lundgaard, Christian	D/H/F	00:05.4831	91.521	17
2	26	Herta, Colton	D/H/F	00:05.5344	90.673	3
3	12	Power, Will	D/C/F	00:05.5471	90.465	14
4	6	Rosenqvist, Felix	D/C/F	00:05.5533	90.364	3
5	29	DeFrancesco, Devlin	D/H/F	00:05.5551	90.335	13
6	11	Armstrong, Marcus (R)	D/H/F	00:05.5608	90.242	14
7	18	Malukas, David	D/H/F	00:05.5614	90.232	3
8	27	Kirkwood, Kyle	D/H/F	00:05.5624	90.216	3
9	14	Ferrucci, Santino	D/C/F	00:05.5632	90.203	3
10	10	Palou, Alex	D/H/F	00:05.5693	90.104	6
11	2	Newgarden, Josef	D/C/F	00:05.5753	90.007	11
12	8	Ericsson, Marcus	D/H/F	00:05.5755	90.004	13
13	7	Rossi, Alexander	D/C/F	00:05.5805	89.924	4
14	9	Dixon, Scott	D/H/F	00:05.5816	89.906	17
15	06	Castroneves, Helio	D/H/F	00:05.5916	89.745	17
16	5	O'Ward, Pato	D/C/F	00:05.5917	89.743	6
17	15	Rahal, Graham	D/H/F	00:05.5952	89.687	16
18	28	Grosjean, Romain	D/H/F	00:05.5972	89.655	13
19	77	Ilott, Callum	D/C/F	00:05.6020	89.578	5
20	78	Canapino, Agustin (R)	D/C/F	00:05.6027	89.567	15
21	51	Robb, Sting Ray (R)	D/H/F	00:05.6069	89.500	20
22	60	Pagenaud, Simon	D/H/F	00:05.6281	89.163	4
23	21	VeeKay, Rinus	D/C/F	00:05.6462	88.877	16
24	3	McLaughlin, Scott	D/C/F	00:05.6511	88.800	5
25	30	Harvey, Jack	D/H/F	00:05.6525	88.778	7
26	55	Pedersen, Benjamin (R)	D/C/F	00:05.6530	88.770	5
27	20	Hunter-Reay, Ryan	D/C/F	00:05.6619	88.631	5

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Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I6 to I7****Length: 0.190152 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	6	Rosenqvist, Felix	D/C/F	00:06.5323	104.794	3
2	29	DeFrancesco, Devlin	D/H/F	00:06.5357	104.739	13
3	26	Herta, Colton	D/H/F	00:06.5375	104.711	11
4	18	Malukas, David	D/H/F	00:06.5407	104.659	3
5	8	Ericsson, Marcus	D/H/F	00:06.5455	104.583	13
6	7	Rossi, Alexander	D/C/F	00:06.5515	104.487	4
7	3	McLaughlin, Scott	D/C/F	00:06.5684	104.218	3
8	55	Pedersen, Benjamin (R)	D/C/F	00:06.5709	104.178	14
9	9	Dixon, Scott	D/H/F	00:06.5726	104.151	17
10	11	Armstrong, Marcus (R)	D/H/F	00:06.5748	104.117	10
11	27	Kirkwood, Kyle	D/H/F	00:06.5759	104.099	11
12	12	Power, Will	D/C/F	00:06.5813	104.014	14
13	30	Harvey, Jack	D/H/F	00:06.5854	103.949	4
14	10	Palou, Alex	D/H/F	00:06.5872	103.921	9
15	78	Canapino, Agustin (R)	D/C/F	00:06.5905	103.869	7
16	2	Newgarden, Josef	D/C/F	00:06.5919	103.846	11
17	5	O'Ward, Pato	D/C/F	00:06.5952	103.794	6
18	06	Castroneves, Helio	D/H/F	00:06.5965	103.774	5
19	60	Pagnaud, Simon	D/H/F	00:06.6023	103.683	5
20	21	VeeKay, Rinus	D/C/F	00:06.6217	103.379	16
21	28	Grosjean, Romain	D/H/F	00:06.6220	103.374	13
22	45	Lundgaard, Christian	D/H/F	00:06.6362	103.153	16
23	14	Ferrucci, Santino	D/C/F	00:06.6390	103.110	3
24	51	Robb, Sting Ray (R)	D/H/F	00:06.6513	102.919	3
25	20	Hunter-Reay, Ryan	D/C/F	00:06.6700	102.631	6
26	77	Ilott, Callum	D/C/F	00:06.6813	102.457	6
27	15	Rahal, Graham	D/H/F	00:06.7191	101.881	16

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Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I7 to I8****Length: 0.254167 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	9	Dixon, Scott	D/H/F	00:06.2361	146.726	17
2	8	Ericsson, Marcus	D/H/F	00:06.2574	146.227	13
3	11	Armstrong, Marcus (R)	D/H/F	00:06.2893	145.485	16
4	3	McLaughlin, Scott	D/C/F	00:06.2896	145.478	4
5	26	Herta, Colton	D/H/F	00:06.2955	145.342	11
6	12	Power, Will	D/C/F	00:06.2995	145.250	13
7	18	Malukas, David	D/H/F	00:06.3000	145.238	3
8	10	Palou, Alex	D/H/F	00:06.3057	145.107	13
9	28	Grosjean, Romain	D/H/F	00:06.3086	145.040	14
10	14	Ferrucci, Santino	D/C/F	00:06.3167	144.854	12
11	6	Rosenqvist, Felix	D/C/F	00:06.3326	144.490	14
12	7	Rossi, Alexander	D/C/F	00:06.3337	144.465	12
13	5	O'Ward, Pato	D/C/F	00:06.3467	144.169	6
14	06	Castroneves, Helio	D/H/F	00:06.3544	143.995	17
15	51	Robb, Sting Ray (R)	D/H/F	00:06.3582	143.909	21
16	45	Lundgaard, Christian	D/H/F	00:06.3583	143.906	17
17	30	Harvey, Jack	D/H/F	00:06.3642	143.773	4
18	2	Newgarden, Josef	D/C/F	00:06.3854	143.296	10
19	15	Rahal, Graham	D/H/F	00:06.3922	143.143	16
20	60	Pagnaud, Simon	D/H/F	00:06.4016	142.933	14
21	20	Hunter-Reay, Ryan	D/C/F	00:06.4084	142.781	15
22	55	Pedersen, Benjamin (R)	D/C/F	00:06.4089	142.770	14
23	21	VeeKay, Rinus	D/C/F	00:06.4128	142.683	16
24	77	Ilott, Callum	D/C/F	00:06.4476	141.913	13
25	78	Canapino, Agustin (R)	D/C/F	00:06.4487	141.889	15
26	29	DeFrancesco, Devlin	D/H/F	00:06.4509	141.841	13
27	27	Kirkwood, Kyle	D/H/F	00:06.4594	141.654	8

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I8 to I9****Length: 0.140720 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	7	Rossi, Alexander	D/C/F	00:05.0638	100.042	4
2	11	Armstrong, Marcus (R)	D/H/F	00:05.0649	100.020	19
3	27	Kirkwood, Kyle	D/H/F	00:05.0756	99.809	6
4	6	Rosenqvist, Felix	D/C/F	00:05.0906	99.515	4
5	29	DeFrancesco, Devlin	D/H/F	00:05.0944	99.441	12
6	26	Herta, Colton	D/H/F	00:05.1060	99.215	4
7	18	Malukas, David	D/H/F	00:05.1129	99.081	3
8	55	Pedersen, Benjamin (R)	D/C/F	00:05.1185	98.973	3
9	51	Robb, Sting Ray (R)	D/H/F	00:05.1205	98.934	19
10	45	Lundgaard, Christian	D/H/F	00:05.1270	98.808	8
11	5	O'Ward, Pato	D/C/F	00:05.1289	98.772	2
12	77	Ilott, Callum	D/C/F	00:05.1500	98.367	6
13	2	Newgarden, Josef	D/C/F	00:05.1537	98.297	10
14	8	Ericsson, Marcus	D/H/F	00:05.1544	98.283	13
15	14	Ferrucci, Santino	D/C/F	00:05.1637	98.106	8
16	78	Canapino, Agustin (R)	D/C/F	00:05.1679	98.026	5
17	3	McLaughlin, Scott	D/C/F	00:05.1740	97.911	3
18	15	Rahal, Graham	D/H/F	00:05.1891	97.626	16
19	21	VeeKay, Rinus	D/C/F	00:05.1891	97.626	6
20	06	Castroneves, Helio	D/H/F	00:05.1926	97.560	16
21	9	Dixon, Scott	D/H/F	00:05.1943	97.528	16
22	12	Power, Will	D/C/F	00:05.1988	97.444	14
23	10	Palou, Alex	D/H/F	00:05.2097	97.240	15
24	20	Hunter-Reay, Ryan	D/C/F	00:05.2183	97.080	14
25	30	Harvey, Jack	D/H/F	00:05.2270	96.918	3
26	60	Pagnaud, Simon	D/H/F	00:05.2398	96.681	5
27	28	Grosjean, Romain	D/H/F	00:05.2808	95.931	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I9 to I10****Length: 0.222727 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	18	Malukas, David	D/H/F	00:05.3917	148.713	3
2	45	Lundgaard, Christian	D/H/F	00:05.4209	147.912	17
3	51	Robb, Sting Ray (R)	D/H/F	00:05.4212	147.904	20
4	10	Palou, Alex	D/H/F	00:05.4246	147.811	13
5	7	Rossi, Alexander	D/C/F	00:05.4344	147.545	4
6	9	Dixon, Scott	D/H/F	00:05.4364	147.491	16
7	14	Ferrucci, Santino	D/C/F	00:05.4370	147.474	16
8	12	Power, Will	D/C/F	00:05.4499	147.125	14
9	2	Newgarden, Josef	D/C/F	00:05.4546	146.999	11
10	6	Rosenqvist, Felix	D/C/F	00:05.4671	146.662	14
11	5	O'Ward, Pato	D/C/F	00:05.4727	146.512	13
12	11	Armstrong, Marcus (R)	D/H/F	00:05.4755	146.437	15
13	26	Herta, Colton	D/H/F	00:05.4830	146.237	12
14	21	VeeKay, Rinus	D/C/F	00:05.5150	145.389	16
15	27	Kirkwood, Kyle	D/H/F	00:05.5169	145.339	12
16	27	Kirkwood, Kyle	D/H/F	00:05.5169	145.339	6
17	55	Pedersen, Benjamin (R)	D/C/F	00:05.5259	145.102	21
18	20	Hunter-Reay, Ryan	D/C/F	00:05.5262	145.094	16
19	8	Ericsson, Marcus	D/H/F	00:05.5286	145.031	9
20	15	Rahal, Graham	D/H/F	00:05.5326	144.926	16
21	3	McLaughlin, Scott	D/C/F	00:05.5369	144.814	12
22	29	DeFrancesco, Devlin	D/H/F	00:05.5647	144.090	9
23	30	Harvey, Jack	D/H/F	00:05.5688	143.984	4
24	77	Ilott, Callum	D/C/F	00:05.5809	143.672	13
25	60	Pagnaud, Simon	D/H/F	00:05.5998	143.187	5
26	28	Grosjean, Romain	D/H/F	00:05.6154	142.789	13
27	06	Castroneves, Helio	D/H/F	00:05.6451	142.038	17
28	78	Canapino, Agustin (R)	D/C/F	00:05.6727	141.347	5

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I10 to I11****Length: 0.285227 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	7	Rossi, Alexander	D/C/F	00:06.1280	167.562	12
2	5	O'Ward, Pato	D/C/F	00:06.1335	167.411	13
3	14	Ferrucci, Santino	D/C/F	00:06.1344	167.387	15
4	9	Dixon, Scott	D/H/F	00:06.1376	167.300	17
5	6	Rosenqvist, Felix	D/C/F	00:06.1469	167.047	14
6	18	Malukas, David	D/H/F	00:06.1604	166.680	15
7	12	Power, Will	D/C/F	00:06.1651	166.553	13
8	51	Robb, Sting Ray (R)	D/H/F	00:06.1696	166.432	16
9	45	Lundgaard, Christian	D/H/F	00:06.1729	166.343	16
10	8	Ericsson, Marcus	D/H/F	00:06.1746	166.297	9
11	27	Kirkwood, Kyle	D/H/F	00:06.1772	166.227	12
12	10	Palou, Alex	D/H/F	00:06.1818	166.103	13
13	15	Rahal, Graham	D/H/F	00:06.1827	166.079	16
14	2	Newgarden, Josef	D/C/F	00:06.1910	165.857	11
15	21	VeeKay, Rinus	D/C/F	00:06.1941	165.774	16
16	11	Armstrong, Marcus (R)	D/H/F	00:06.2055	165.469	15
17	26	Herta, Colton	D/H/F	00:06.2072	165.424	4
18	20	Hunter-Reay, Ryan	D/C/F	00:06.2097	165.357	16
19	55	Pedersen, Benjamin (R)	D/C/F	00:06.2130	165.269	14
20	30	Harvey, Jack	D/H/F	00:06.2217	165.038	4
21	77	Ilott, Callum	D/C/F	00:06.2263	164.916	13
22	3	McLaughlin, Scott	D/C/F	00:06.2339	164.715	12
23	28	Grosjean, Romain	D/H/F	00:06.2401	164.552	9
24	29	DeFrancesco, Devlin	D/H/F	00:06.2408	164.533	5
25	78	Canapino, Agustin (R)	D/C/F	00:06.2462	164.391	15
26	60	Pagnaud, Simon	D/H/F	00:06.2511	164.262	13
27	06	Castroneves, Helio	D/H/F	00:06.2832	163.423	17

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I11 to I11B****Length: 0.256629 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:05.0390	183.343	13
2	7	Rossi, Alexander	D/C/F	00:05.0420	183.234	12
3	14	Ferrucci, Santino	D/C/F	00:05.0792	181.892	16
4	45	Lundgaard, Christian	D/H/F	00:05.0928	181.406	17
5	18	Malukas, David	D/H/F	00:05.0939	181.367	15
6	21	VeeKay, Rinus	D/C/F	00:05.1029	181.047	15
7	6	Rosenqvist, Felix	D/C/F	00:05.1139	180.657	14
8	27	Kirkwood, Kyle	D/H/F	00:05.1195	180.460	12
9	29	DeFrancesco, Devlin	D/H/F	00:05.1284	180.147	12
10	15	Rahal, Graham	D/H/F	00:05.1300	180.090	16
11	3	McLaughlin, Scott	D/C/F	00:05.1301	180.087	12
12	51	Robb, Sting Ray (R)	D/H/F	00:05.1303	180.080	20
13	20	Hunter-Reay, Ryan	D/C/F	00:05.1309	180.059	16
14	78	Canapino, Agustin (R)	D/C/F	00:05.1342	179.943	15
15	10	Palou, Alex	D/H/F	00:05.1372	179.838	13
16	12	Power, Will	D/C/F	00:05.1381	179.806	13
17	2	Newgarden, Josef	D/C/F	00:05.1386	179.789	11
18	9	Dixon, Scott	D/H/F	00:05.1388	179.782	17
19	77	Ilott, Callum	D/C/F	00:05.1409	179.709	13
20	55	Pedersen, Benjamin (R)	D/C/F	00:05.1419	179.674	21
21	60	Pagenaud, Simon	D/H/F	00:05.1588	179.085	13
22	26	Herta, Colton	D/H/F	00:05.1593	179.068	12
23	8	Ericsson, Marcus	D/H/F	00:05.1846	178.194	13
24	30	Harvey, Jack	D/H/F	00:05.1853	178.170	9
25	28	Grosjean, Romain	D/H/F	00:05.1885	178.060	6
26	06	Castroneves, Helio	D/H/F	00:05.1895	178.026	17
27	11	Armstrong, Marcus (R)	D/H/F	00:05.1921	177.936	15

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I12 to I13****Length: 0.281439 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	9	Dixon, Scott	D/H/F	00:08.4367	120.092	16
2	5	O'Ward, Pato	D/C/F	00:08.4528	119.863	12
3	18	Malukas, David	D/H/F	00:08.4623	119.729	3
4	8	Ericsson, Marcus	D/H/F	00:08.4761	119.534	13
5	15	Rahal, Graham	D/H/F	00:08.4765	119.528	15
6	11	Armstrong, Marcus (R)	D/H/F	00:08.4858	119.397	3
7	51	Robb, Sting Ray (R)	D/H/F	00:08.5079	119.087	21
8	10	Palou, Alex	D/H/F	00:08.5155	118.981	6
9	29	DeFrancesco, Devlin	D/H/F	00:08.5156	118.979	13
10	28	Grosjean, Romain	D/H/F	00:08.5165	118.967	13
11	26	Herta, Colton	D/H/F	00:08.5256	118.840	11
12	45	Lundgaard, Christian	D/H/F	00:08.5387	118.658	16
13	6	Rosenqvist, Felix	D/C/F	00:08.5438	118.587	7
14	27	Kirkwood, Kyle	D/H/F	00:08.5600	118.362	11
15	06	Castroneves, Helio	D/H/F	00:08.5874	117.985	17
16	3	McLaughlin, Scott	D/C/F	00:08.5903	117.945	12
17	14	Ferrucci, Santino	D/C/F	00:08.5927	117.912	2
18	77	Ilott, Callum	D/C/F	00:08.6062	117.727	10
19	12	Power, Will	D/C/F	00:08.6080	117.702	13
20	60	Pagnaud, Simon	D/H/F	00:08.6123	117.644	14
21	78	Canapino, Agustin (R)	D/C/F	00:08.6184	117.560	14
22	2	Newgarden, Josef	D/C/F	00:08.6230	117.498	10
23	7	Rossi, Alexander	D/C/F	00:08.6332	117.359	4
24	30	Harvey, Jack	D/H/F	00:08.6475	117.165	9
25	55	Pedersen, Benjamin (R)	D/C/F	00:08.6558	117.052	4
26	20	Hunter-Reay, Ryan	D/C/F	00:08.6713	116.843	14
27	21	VeeKay, Rinus	D/C/F	00:08.6725	116.827	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I13A to I14****Length: 0.064205 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	10	Palou, Alex	D/H/F	00:01.5343	150.646	12
2	14	Ferrucci, Santino	D/C/F	00:01.5470	149.409	16
3	3	McLaughlin, Scott	D/C/F	00:01.5493	149.188	13
4	6	Rosenqvist, Felix	D/C/F	00:01.5573	148.421	4
5	7	Rossi, Alexander	D/C/F	00:01.5588	148.278	12
6	45	Lundgaard, Christian	D/H/F	00:01.5598	148.183	17
7	28	Grosjean, Romain	D/H/F	00:01.5671	147.493	3
8	11	Armstrong, Marcus (R)	D/H/F	00:01.5690	147.314	20
9	12	Power, Will	D/C/F	00:01.5691	147.305	14
10	26	Herta, Colton	D/H/F	00:01.5726	146.977	13
11	29	DeFrancesco, Devlin	D/H/F	00:01.5747	146.781	13
12	8	Ericsson, Marcus	D/H/F	00:01.5755	146.707	13
13	5	O'Ward, Pato	D/C/F	00:01.5774	146.530	9
14	15	Rahal, Graham	D/H/F	00:01.5794	146.344	16
15	18	Malukas, David	D/H/F	00:01.5813	146.169	15
16	20	Hunter-Reay, Ryan	D/C/F	00:01.5815	146.150	15
17	55	Pedersen, Benjamin (R)	D/C/F	00:01.5877	145.579	22
18	77	Ilott, Callum	D/C/F	00:01.5922	145.168	4
19	51	Robb, Sting Ray (R)	D/H/F	00:01.5966	144.768	21
20	9	Dixon, Scott	D/H/F	00:01.5998	144.478	17
21	2	Newgarden, Josef	D/C/F	00:01.6078	143.759	10
22	78	Canapino, Agustin (R)	D/C/F	00:01.6119	143.394	15
23	30	Harvey, Jack	D/H/F	00:01.6120	143.385	5
24	27	Kirkwood, Kyle	D/H/F	00:01.6219	142.510	6
25	21	VeeKay, Rinus	D/C/F	00:01.6305	141.758	16
26	06	Castroneves, Helio	D/H/F	00:01.6371	141.186	15
27	60	Pagenaud, Simon	D/H/F	00:01.6384	141.074	14

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I14 to I15C****Length: 0.201515 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	8	Ericsson, Marcus	D/H/F	00:05.9392	122.147	13
2	10	Palou, Alex	D/H/F	00:05.9822	121.269	13
3	12	Power, Will	D/C/F	00:05.9945	121.020	13
4	18	Malukas, David	D/H/F	00:06.0091	120.726	14
5	5	O'Ward, Pato	D/C/F	00:06.0116	120.676	6
6	7	Rossi, Alexander	D/C/F	00:06.0264	120.379	12
7	6	Rosenqvist, Felix	D/C/F	00:06.0286	120.335	13
8	45	Lundgaard, Christian	D/H/F	00:06.0468	119.973	8
9	11	Armstrong, Marcus (R)	D/H/F	00:06.0535	119.841	16
10	26	Herta, Colton	D/H/F	00:06.0539	119.833	12
11	77	Ilott, Callum	D/C/F	00:06.0669	119.576	11
12	9	Dixon, Scott	D/H/F	00:06.0682	119.550	17
13	06	Castroneves, Helio	D/H/F	00:06.0720	119.475	17
14	14	Ferrucci, Santino	D/C/F	00:06.0734	119.448	15
15	20	Hunter-Reay, Ryan	D/C/F	00:06.0824	119.271	16
16	3	McLaughlin, Scott	D/C/F	00:06.0890	119.142	5
17	2	Newgarden, Josef	D/C/F	00:06.0905	119.112	11
18	55	Pedersen, Benjamin (R)	D/C/F	00:06.0956	119.013	21
19	51	Robb, Sting Ray (R)	D/H/F	00:06.0966	118.993	19
20	29	DeFrancesco, Devlin	D/H/F	00:06.0980	118.966	5
21	28	Grosjean, Romain	D/H/F	00:06.1029	118.870	13
22	27	Kirkwood, Kyle	D/H/F	00:06.1235	118.471	3
23	78	Canapino, Agustin (R)	D/C/F	00:06.1261	118.420	14
24	21	VeeKay, Rinus	D/C/F	00:06.1312	118.322	16
25	30	Harvey, Jack	D/H/F	00:06.1341	118.266	3
26	15	Rahal, Graham	D/H/F	00:06.1353	118.243	15
27	60	Pagenaud, Simon	D/H/F	00:06.1722	117.536	14

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SF to SFT****Length: 0.022727 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:00.4558	179.505	13
2	7	Rossi, Alexander	D/C/F	00:00.4594	178.098	12
3	11	Armstrong, Marcus (R)	D/H/F	00:00.4597	177.982	7
4	9	Dixon, Scott	D/H/F	00:00.4607	177.595	4
5	29	DeFrancesco, Devlin	D/H/F	00:00.4607	177.595	6
6	21	VeeKay, Rinus	D/C/F	00:00.4611	177.441	15
7	45	Lundgaard, Christian	D/H/F	00:00.4618	177.172	16
8	27	Kirkwood, Kyle	D/H/F	00:00.4623	176.981	11
9	77	Ilott, Callum	D/C/F	00:00.4624	176.942	12
10	12	Power, Will	D/C/F	00:00.4624	176.942	13
11	8	Ericsson, Marcus	D/H/F	00:00.4630	176.713	13
12	18	Malukas, David	D/H/F	00:00.4631	176.675	14
13	60	Pagenaud, Simon	D/H/F	00:00.4634	176.561	5
14	55	Pedersen, Benjamin (R)	D/C/F	00:00.4636	176.484	21
15	30	Harvey, Jack	D/H/F	00:00.4636	176.484	17
16	78	Canapino, Agustin (R)	D/C/F	00:00.4636	176.484	7
17	15	Rahal, Graham	D/H/F	00:00.4637	176.446	15
18	14	Ferrucci, Santino	D/C/F	00:00.4641	176.294	14
19	20	Hunter-Reay, Ryan	D/C/F	00:00.4641	176.294	6
20	26	Herta, Colton	D/H/F	00:00.4646	176.105	4
21	06	Castroneves, Helio	D/H/F	00:00.4647	176.067	16
22	51	Robb, Sting Ray (R)	D/H/F	00:00.4648	176.029	19
23	3	McLaughlin, Scott	D/C/F	00:00.4654	175.802	12
24	10	Palou, Alex	D/H/F	00:00.4657	175.689	13
25	6	Rosenqvist, Felix	D/C/F	00:00.4660	175.575	7
26	2	Newgarden, Josef	D/C/F	00:00.4675	175.012	4
27	28	Grosjean, Romain	D/H/F	00:00.4678	174.900	13

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PI to SFP****Length: 0.041667 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	06	Castroneves, Helio	D/H/F	00:02.2457	66.794	1
2	20	Hunter-Reay, Ryan	D/C/F	00:02.6996	55.564	17
3	14	Ferrucci, Santino	D/C/F	00:03.0423	49.305	4
4	15	Rahal, Graham	D/H/F	00:03.1135	48.177	17
5	21	VeeKay, Rinus	D/C/F	00:03.1183	48.103	8
6	8	Ericsson, Marcus	D/H/F	00:03.1191	48.091	6
7	10	Palou, Alex	D/H/F	00:03.1226	48.037	14
8	10	Palou, Alex	D/H/F	00:03.1226	48.037	8
9	11	Armstrong, Marcus (R)	D/H/F	00:03.1245	48.008	21
10	11	Armstrong, Marcus (R)	D/H/F	00:03.1245	48.008	17
11	29	DeFrancesco, Devlin	D/H/F	00:03.1246	48.006	14
12	9	Dixon, Scott	D/H/F	00:03.1253	47.995	18
13	55	Pedersen, Benjamin (R)	D/C/F	00:03.1258	47.988	1
14	27	Kirkwood, Kyle	D/H/F	00:03.1265	47.977	13
15	51	Robb, Sting Ray (R)	D/H/F	00:03.1278	47.957	6
16	3	McLaughlin, Scott	D/C/F	00:03.1288	47.942	14
17	45	Lundgaard, Christian	D/H/F	00:03.1298	47.926	9
18	5	O'Ward, Pato	D/C/F	00:03.1318	47.896	15
19	78	Canapino, Agustin (R)	D/C/F	00:03.1320	47.893	17
20	18	Malukas, David	D/H/F	00:03.1332	47.874	4
21	2	Newgarden, Josef	D/C/F	00:03.1333	47.873	8
22	12	Power, Will	D/C/F	00:03.1345	47.855	10
23	60	Pagnaud, Simon	D/H/F	00:03.1346	47.853	10
24	30	Harvey, Jack	D/H/F	00:03.1358	47.835	6
25	6	Rosenqvist, Felix	D/C/F	00:03.1363	47.827	15
26	28	Grosjean, Romain	D/H/F	00:03.1387	47.790	7
27	7	Rossi, Alexander	D/C/F	00:03.1443	47.705	14
28	77	Ilott, Callum	D/C/F	00:03.1566	47.519	7
29	26	Herta, Colton	D/H/F	06:27.7916	0.387	9

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SFP to PO****Length: 0.233902 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	06	Castroneves, Helio	D/H/F	00:18.3387	45.916	1
2	51	Robb, Sting Ray (R)	D/H/F	00:18.5582	45.373	5
3	9	Dixon, Scott	D/H/F	00:18.7711	44.859	7
4	10	Palou, Alex	D/H/F	00:18.7847	44.826	8
5	14	Ferrucci, Santino	D/C/F	00:18.9778	44.370	5
6	26	Herta, Colton	D/H/F	00:19.1682	43.929	9
7	45	Lundgaard, Christian	D/H/F	00:30.6604	27.464	1
8	5	O'Ward, Pato	D/C/F	01:18.8146	10.684	14
9	27	Kirkwood, Kyle	D/H/F	01:52.6406	7.476	12
10	11	Armstrong, Marcus (R)	D/H/F	03:29.6801	4.016	17
11	6	Rosenqvist, Felix	D/C/F	03:45.6815	3.731	11
12	55	Pedersen, Benjamin (R)	D/C/F	03:51.7038	3.634	11
13	15	Rahal, Graham	D/H/F	04:00.2848	3.504	13
14	28	Grosjean, Romain	D/H/F	04:08.8101	3.384	2
15	21	VeeKay, Rinus	D/C/F	04:13.1665	3.326	12
16	29	DeFrancesco, Devlin	D/H/F	04:36.7058	3.043	10
17	12	Power, Will	D/C/F	04:48.6292	2.917	10
18	20	Hunter-Reay, Ryan	D/C/F	05:36.0223	2.506	12
19	30	Harvey, Jack	D/H/F	05:45.7887	2.435	10
20	3	McLaughlin, Scott	D/C/F	05:59.0466	2.345	10
21	77	Ilott, Callum	D/C/F	06:31.3282	2.152	1
22	7	Rossi, Alexander	D/C/F	07:13.5378	1.942	6
23	8	Ericsson, Marcus	D/H/F	07:38.2637	1.837	6
24	60	Pagenaud, Simon	D/H/F	07:42.7094	1.820	10
25	2	Newgarden, Josef	D/C/F	08:02.5576	1.745	8
26	18	Malukas, David	D/H/F	08:09.6058	1.720	8
27	78	Canapino, Agustin (R)	D/C/F	08:26.6917	1.662	0

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PI to PO****Length: 0.275568 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	06	Castroneves, Helio	D/H/F	00:20.7512	47.807	1
2	10	Palou, Alex	D/H/F	00:22.1233	44.842	8
3	9	Dixon, Scott	D/H/F	00:22.1238	44.841	7
4	51	Robb, Sting Ray (R)	D/H/F	00:22.1341	44.820	6
5	14	Ferrucci, Santino	D/C/F	00:22.3501	44.387	5
6	45	Lundgaard, Christian	D/H/F	00:34.0269	29.155	1
7	5	O'Ward, Pato	D/C/F	01:22.1923	12.070	14
8	27	Kirkwood, Kyle	D/H/F	01:56.3555	8.526	12
9	11	Armstrong, Marcus (R)	D/H/F	03:33.0207	4.657	17
10	6	Rosenqvist, Felix	D/C/F	03:49.0840	4.330	11
11	55	Pedersen, Benjamin (R)	D/C/F	03:55.0522	4.221	11
12	15	Rahal, Graham	D/H/F	04:04.1005	4.064	13
13	28	Grosjean, Romain	D/H/F	04:12.1688	3.934	2
14	21	VeeKay, Rinus	D/C/F	04:16.5126	3.867	12
15	29	DeFrancesco, Devlin	D/H/F	04:40.0521	3.542	10
16	12	Power, Will	D/C/F	04:51.9799	3.398	10
17	20	Hunter-Reay, Ryan	D/C/F	05:39.3478	2.923	12
18	30	Harvey, Jack	D/H/F	05:49.1488	2.841	10
19	3	McLaughlin, Scott	D/C/F	06:02.3998	2.737	10
20	77	Ilott, Callum	D/C/F	06:34.7151	2.513	1
21	26	Herta, Colton	D/H/F	06:47.4426	2.435	9
22	7	Rossi, Alexander	D/C/F	07:16.9010	2.271	6
23	8	Ericsson, Marcus	D/H/F	07:41.5979	2.149	6
24	60	Pagenaud, Simon	D/H/F	07:46.0607	2.129	10
25	2	Newgarden, Josef	D/C/F	08:05.9071	2.042	8
26	18	Malukas, David	D/H/F	08:12.9712	2.012	8
27	78	Canapino, Agustin (R)	D/C/F	08:30.0918	1.945	0

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PO to SF****Length: 3.778409 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	9	Dixon, Scott	D/H/F	01:44.6153	130.022	11
2	27	Kirkwood, Kyle	D/H/F	01:46.4992	127.722	7
3	10	Palou, Alex	D/H/F	01:46.5228	127.694	14
4	26	Herta, Colton	D/H/F	01:46.7264	127.450	5
5	06	Castroneves, Helio	D/H/F	01:46.9041	127.238	3
6	77	Ilott, Callum	D/C/F	01:46.9502	127.183	7
7	45	Lundgaard, Christian	D/H/F	01:48.0183	125.926	1
8	30	Harvey, Jack	D/H/F	01:48.1377	125.787	10
9	21	VeeKay, Rinus	D/C/F	01:48.3121	125.584	12
10	78	Canapino, Agustin (R)	D/C/F	01:48.3629	125.525	11
11	3	McLaughlin, Scott	D/C/F	01:48.9998	124.792	6
12	7	Rossi, Alexander	D/C/F	01:49.1302	124.643	6
13	20	Hunter-Reay, Ryan	D/C/F	01:49.3441	124.399	7
14	28	Grosjean, Romain	D/H/F	01:49.5166	124.203	11
15	51	Robb, Sting Ray (R)	D/H/F	01:49.6487	124.053	6
16	6	Rosenqvist, Felix	D/C/F	01:49.6738	124.025	5
17	60	Pagnaud, Simon	D/H/F	01:49.6997	123.996	6
18	11	Armstrong, Marcus (R)	D/H/F	01:49.9503	123.713	17
19	5	O'Ward, Pato	D/C/F	01:50.2364	123.392	7
20	14	Ferrucci, Santino	D/C/F	01:50.2535	123.373	9
21	2	Newgarden, Josef	D/C/F	01:50.3972	123.212	8
22	12	Power, Will	D/C/F	01:51.0274	122.513	10
23	29	DeFrancesco, Devlin	D/H/F	01:51.3781	122.127	10
24	18	Malukas, David	D/H/F	01:51.9518	121.501	8
25	8	Ericsson, Marcus	D/H/F	01:52.1306	121.307	6
26	55	Pedersen, Benjamin (R)	D/C/F	01:52.9393	120.439	7
27	15	Rahal, Graham	D/H/F	01:53.1207	120.246	4

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SF to PI****Length: 3.972159 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	18	Malukas, David	D/H/F	01:44.9798	136.215	3
2	6	Rosenqvist, Felix	D/C/F	01:45.2013	135.928	4
3	26	Herta, Colton	D/H/F	01:45.2642	135.846	12
4	12	Power, Will	D/C/F	01:45.3026	135.797	14
5	45	Lundgaard, Christian	D/H/F	01:45.3477	135.739	8
6	10	Palou, Alex	D/H/F	01:45.4412	135.618	15
7	5	O'Ward, Pato	D/C/F	01:45.5147	135.524	6
8	7	Rossi, Alexander	D/C/F	01:45.6075	135.405	8
9	8	Ericsson, Marcus	D/H/F	01:45.7268	135.252	13
10	27	Kirkwood, Kyle	D/H/F	01:45.7474	135.226	11
11	2	Newgarden, Josef	D/C/F	01:46.1471	134.717	11
12	11	Armstrong, Marcus (R)	D/H/F	01:46.1798	134.675	16
13	51	Robb, Sting Ray (R)	D/H/F	01:46.3703	134.434	16
14	9	Dixon, Scott	D/H/F	01:46.4648	134.315	10
15	06	Castroneves, Helio	D/H/F	01:46.5241	134.240	17
16	21	VeeKay, Rinus	D/C/F	01:46.5383	134.222	7
17	77	Ilott, Callum	D/C/F	01:46.5825	134.166	6
18	55	Pedersen, Benjamin (R)	D/C/F	01:46.8015	133.891	16
19	14	Ferrucci, Santino	D/C/F	01:46.8775	133.796	8
20	30	Harvey, Jack	D/H/F	01:46.9044	133.762	9
21	60	Pagenaud, Simon	D/H/F	01:46.9811	133.666	14
22	29	DeFrancesco, Devlin	D/H/F	01:47.0317	133.603	9
23	15	Rahal, Graham	D/H/F	01:47.0376	133.596	12
24	28	Grosjean, Romain	D/H/F	01:47.1648	133.437	6
25	78	Canapino, Agustin (R)	D/C/F	01:47.2045	133.388	7
26	3	McLaughlin, Scott	D/C/F	01:47.4420	133.093	5
27	20	Hunter-Reay, Ryan	D/C/F	01:49.8503	130.175	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PO to I1****Length: 0.042614 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	10	Palou, Alex	D/H/F	00:02.4001	63.918	8
2	20	Hunter-Reay, Ryan	D/C/F	00:02.4297	63.139	10
3	5	O'Ward, Pato	D/C/F	00:02.4377	62.932	14
4	45	Lundgaard, Christian	D/H/F	00:02.4485	62.654	1
5	77	Ilott, Callum	D/C/F	00:02.4660	62.210	1
6	11	Armstrong, Marcus (R)	D/H/F	00:02.4747	61.991	17
7	9	Dixon, Scott	D/H/F	00:02.4796	61.868	11
8	12	Power, Will	D/C/F	00:02.4943	61.504	9
9	06	Castroneves, Helio	D/H/F	00:02.5026	61.300	2
10	51	Robb, Sting Ray (R)	D/H/F	00:02.5109	61.097	17
11	14	Ferrucci, Santino	D/C/F	00:02.5167	60.956	0
12	3	McLaughlin, Scott	D/C/F	00:02.5179	60.927	0
13	78	Canapino, Agustin (R)	D/C/F	00:02.5182	60.920	8
14	60	Pagnaud, Simon	D/H/F	00:02.5206	60.862	0
15	28	Grosjean, Romain	D/H/F	00:02.5217	60.836	2
16	15	Rahal, Graham	D/H/F	00:02.5235	60.792	13
17	8	Ericsson, Marcus	D/H/F	00:02.5237	60.787	6
18	26	Herta, Colton	D/H/F	00:02.5247	60.763	5
19	29	DeFrancesco, Devlin	D/H/F	00:02.5250	60.756	0
20	2	Newgarden, Josef	D/C/F	00:02.5293	60.653	5
21	30	Harvey, Jack	D/H/F	00:02.5385	60.433	6
22	21	VeeKay, Rinus	D/C/F	00:02.5568	60.000	12
23	27	Kirkwood, Kyle	D/H/F	00:02.5573	59.989	9
24	7	Rossi, Alexander	D/C/F	00:02.5724	59.637	0
25	55	Pedersen, Benjamin (R)	D/C/F	00:02.5729	59.625	7
26	18	Malukas, David	D/H/F	00:02.5852	59.341	0
27	6	Rosenqvist, Felix	D/C/F	00:02.6246	58.450	0

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I14 to PI****Length: 0.427462 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	6	Rosenqvist, Felix	D/C/F	00:14.2997	107.615	11
2	12	Power, Will	D/C/F	00:14.6798	104.829	15
3	10	Palou, Alex	D/H/F	00:14.6953	104.718	16
4	45	Lundgaard, Christian	D/H/F	00:14.8705	103.484	5
5	18	Malukas, David	D/H/F	00:14.9116	103.199	12
6	27	Kirkwood, Kyle	D/H/F	00:14.9214	103.131	12
7	26	Herta, Colton	D/H/F	00:14.9717	102.785	5
8	77	Ilott, Callum	D/C/F	00:15.0412	102.310	7
9	78	Canapino, Agustin (R)	D/C/F	00:15.0890	101.986	8
10	21	VeeKay, Rinus	D/C/F	00:15.1023	101.896	8
11	3	McLaughlin, Scott	D/C/F	00:15.1512	101.567	14
12	5	O'Ward, Pato	D/C/F	00:15.1637	101.483	14
13	55	Pedersen, Benjamin (R)	D/C/F	00:15.1842	101.346	24
14	06	Castroneves, Helio	D/H/F	00:15.1890	101.314	7
15	8	Ericsson, Marcus	D/H/F	00:15.2170	101.128	10
16	7	Rossi, Alexander	D/C/F	00:15.3218	100.436	6
17	14	Ferrucci, Santino	D/C/F	00:15.3291	100.388	9
18	28	Grosjean, Romain	D/H/F	00:15.3346	100.352	11
19	51	Robb, Sting Ray (R)	D/H/F	00:15.3442	100.290	17
20	30	Harvey, Jack	D/H/F	00:15.3512	100.244	14
21	15	Rahal, Graham	D/H/F	00:15.3691	100.127	8
22	2	Newgarden, Josef	D/C/F	00:15.3895	99.994	12
23	60	Pagenaud, Simon	D/H/F	00:15.5117	99.207	6
24	9	Dixon, Scott	D/H/F	00:15.5564	98.922	14
25	11	Armstrong, Marcus (R)	D/H/F	00:15.6164	98.542	21
26	29	DeFrancesco, Devlin	D/H/F	00:15.6602	98.266	7
27	20	Hunter-Reay, Ryan	D/C/F	00:16.8348	91.410	10

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PO to PI****Length: 3.738258 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	01:47.2563	125.473	14
2	27	Kirkwood, Kyle	D/H/F	01:47.9334	124.685	12
3	06	Castroneves, Helio	D/H/F	01:50.1275	122.201	2
4	12	Power, Will	D/C/F	01:54.2462	117.796	9
5	51	Robb, Sting Ray (R)	D/H/F	01:54.7434	117.285	5
6	14	Ferrucci, Santino	D/C/F	01:56.6411	115.377	4
7	10	Palou, Alex	D/H/F	01:57.2556	114.773	7
8	45	Lundgaard, Christian	D/H/F	01:58.7859	113.294	0
9	9	Dixon, Scott	D/H/F	02:00.0133	112.135	0
10	29	DeFrancesco, Devlin	D/H/F	02:01.2721	110.971	0
11	3	McLaughlin, Scott	D/C/F	02:12.3100	101.714	0
12	21	VeeKay, Rinus	D/C/F	02:13.4626	100.835	0
13	77	Ilott, Callum	D/C/F	02:16.3599	98.693	0
14	28	Grosjean, Romain	D/H/F	02:20.6619	95.674	0
15	20	Hunter-Reay, Ryan	D/C/F	02:24.4762	93.148	0
16	2	Newgarden, Josef	D/C/F	02:28.6179	90.553	0
17	60	Pagnaud, Simon	D/H/F	02:29.2705	90.157	0
18	6	Rosenqvist, Felix	D/C/F	02:29.9169	89.768	0
19	11	Armstrong, Marcus (R)	D/H/F	02:30.8863	89.191	0
20	8	Ericsson, Marcus	D/H/F	02:31.3592	88.913	0
21	15	Rahal, Graham	D/H/F	02:32.8526	88.044	0
22	78	Canapino, Agustin (R)	D/C/F	02:36.2849	86.110	0
23	30	Harvey, Jack	D/H/F	02:37.4848	85.454	0
24	18	Malukas, David	D/H/F	02:37.8173	85.274	0
25	26	Herta, Colton	D/H/F	02:38.1672	85.085	0
26	7	Rossi, Alexander	D/C/F	02:43.2134	82.455	0
27	55	Pedersen, Benjamin (R)	D/C/F	04:43.6520	47.444	0

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SF to I4A****Length: 1.279167 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:29.5528	155.823	6
2	45	Lundgaard, Christian	D/H/F	00:29.6038	155.554	8
3	7	Rossi, Alexander	D/C/F	00:29.6073	155.536	13
4	10	Palou, Alex	D/H/F	00:29.7272	154.909	13
5	18	Malukas, David	D/H/F	00:29.7539	154.770	14
6	6	Rosenqvist, Felix	D/C/F	00:29.7688	154.692	4
7	14	Ferrucci, Santino	D/C/F	00:29.7727	154.672	16
8	9	Dixon, Scott	D/H/F	00:29.8138	154.459	5
9	8	Ericsson, Marcus	D/H/F	00:29.8370	154.339	13
10	15	Rahal, Graham	D/H/F	00:29.8389	154.329	16
11	26	Herta, Colton	D/H/F	00:29.8561	154.240	12
12	29	DeFrancesco, Devlin	D/H/F	00:29.8629	154.205	13
13	3	McLaughlin, Scott	D/C/F	00:29.8634	154.202	12
14	12	Power, Will	D/C/F	00:29.8911	154.059	14
15	11	Armstrong, Marcus (R)	D/H/F	00:29.9307	153.855	14
16	28	Grosjean, Romain	D/H/F	00:29.9542	153.735	9
17	51	Robb, Sting Ray (R)	D/H/F	00:29.9551	153.730	20
18	21	VeeKay, Rinus	D/C/F	00:29.9761	153.622	15
19	77	Ilott, Callum	D/C/F	00:29.9935	153.533	13
20	2	Newgarden, Josef	D/C/F	00:30.0408	153.292	4
21	20	Hunter-Reay, Ryan	D/C/F	00:30.0742	153.121	16
22	30	Harvey, Jack	D/H/F	00:30.0767	153.109	17
23	78	Canapino, Agustin (R)	D/C/F	00:30.1212	152.882	15
24	06	Castroneves, Helio	D/H/F	00:30.1227	152.875	16
25	27	Kirkwood, Kyle	D/H/F	00:30.1451	152.761	11
26	60	Pagnaud, Simon	D/H/F	00:30.1979	152.494	13
27	55	Pedersen, Benjamin (R)	D/C/F	00:30.2010	152.478	14

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I4A to I11****Length: 1.371970 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	18	Malukas, David	D/H/F	00:38.5868	127.999	3
2	7	Rossi, Alexander	D/C/F	00:38.6095	127.924	4
3	6	Rosenqvist, Felix	D/C/F	00:38.6929	127.649	14
4	9	Dixon, Scott	D/H/F	00:38.7190	127.562	17
5	11	Armstrong, Marcus (R)	D/H/F	00:38.7510	127.457	16
6	45	Lundgaard, Christian	D/H/F	00:38.8033	127.285	17
7	26	Herta, Colton	D/H/F	00:38.8134	127.252	11
8	5	O'Ward, Pato	D/C/F	00:38.8878	127.009	6
9	2	Newgarden, Josef	D/C/F	00:38.9004	126.968	11
10	10	Palou, Alex	D/H/F	00:38.9514	126.801	13
11	51	Robb, Sting Ray (R)	D/H/F	00:38.9888	126.680	20
12	8	Ericsson, Marcus	D/H/F	00:39.0049	126.627	13
13	29	DeFrancesco, Devlin	D/H/F	00:39.0891	126.355	12
14	15	Rahal, Graham	D/H/F	00:39.1079	126.294	16
15	12	Power, Will	D/C/F	00:39.1213	126.251	14
16	21	VeeKay, Rinus	D/C/F	00:39.1712	126.090	16
17	06	Castroneves, Helio	D/H/F	00:39.1758	126.075	17
18	14	Ferrucci, Santino	D/C/F	00:39.1815	126.057	3
19	55	Pedersen, Benjamin (R)	D/C/F	00:39.1816	126.056	14
20	30	Harvey, Jack	D/H/F	00:39.2145	125.951	4
21	27	Kirkwood, Kyle	D/H/F	00:39.2170	125.943	11
22	28	Grosjean, Romain	D/H/F	00:39.2497	125.838	13
23	3	McLaughlin, Scott	D/C/F	00:39.2497	125.838	3
24	60	Pagnaud, Simon	D/H/F	00:39.3214	125.608	5
25	78	Canapino, Agustin (R)	D/C/F	00:39.3563	125.497	15
26	20	Hunter-Reay, Ryan	D/C/F	00:39.3789	125.425	16
27	77	Ilott, Callum	D/C/F	00:39.4224	125.286	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: PIC to PIA****Length: 0.081439 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	12	Power, Will	D/C/F	00:02.2482	130.407	6
2	26	Herta, Colton	D/H/F	00:02.2989	127.531	13
3	6	Rosenqvist, Felix	D/C/F	00:02.3261	126.040	9
4	77	Ilott, Callum	D/C/F	00:02.3374	125.431	7
5	10	Palou, Alex	D/H/F	00:02.3610	124.177	7
6	45	Lundgaard, Christian	D/H/F	00:02.4144	121.431	12
7	18	Malukas, David	D/H/F	00:02.4304	120.631	12
8	21	VeeKay, Rinus	D/C/F	00:02.4403	120.142	17
9	5	O'Ward, Pato	D/C/F	00:02.4855	117.957	7
10	3	McLaughlin, Scott	D/C/F	00:02.4858	117.943	14
11	8	Ericsson, Marcus	D/H/F	00:02.4913	117.682	10
12	15	Rahal, Graham	D/H/F	00:02.5119	116.717	13
13	06	Castroneves, Helio	D/H/F	00:02.5248	116.121	2
14	55	Pedersen, Benjamin (R)	D/C/F	00:02.5750	113.857	11
15	30	Harvey, Jack	D/H/F	00:02.5906	113.171	14
16	27	Kirkwood, Kyle	D/H/F	00:02.6081	112.412	4
17	78	Canapino, Agustin (R)	D/C/F	00:02.6397	111.066	8
18	7	Rossi, Alexander	D/C/F	00:02.6459	110.806	9
19	2	Newgarden, Josef	D/C/F	00:02.6580	110.302	12
20	14	Ferrucci, Santino	D/C/F	00:02.6618	110.144	17
21	60	Pagenaud, Simon	D/H/F	00:02.6745	109.621	15
22	9	Dixon, Scott	D/H/F	00:02.6851	109.188	1
23	28	Grosjean, Romain	D/H/F	00:02.7216	107.724	11
24	51	Robb, Sting Ray (R)	D/H/F	00:02.7446	106.821	9
25	11	Armstrong, Marcus (R)	D/H/F	00:02.7470	106.728	17
26	29	DeFrancesco, Devlin	D/H/F	00:02.9555	99.199	10
27	20	Hunter-Reay, Ryan	D/C/F	00:03.0453	96.274	10

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I1B to I1****Length: 0.041098 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	7	Rossi, Alexander	D/C/F	00:00.7790	189.929	13
2	77	Ilott, Callum	D/C/F	00:00.7791	189.904	12
3	5	O'Ward, Pato	D/C/F	00:00.7803	189.612	12
4	2	Newgarden, Josef	D/C/F	00:00.7840	188.718	4
5	3	McLaughlin, Scott	D/C/F	00:00.7848	188.525	5
6	78	Canapino, Agustin (R)	D/C/F	00:00.7851	188.453	7
7	20	Hunter-Reay, Ryan	D/C/F	00:00.7855	188.357	6
8	21	VeeKay, Rinus	D/C/F	00:00.7856	188.333	4
9	45	Lundgaard, Christian	D/H/F	00:00.7866	188.094	16
10	30	Harvey, Jack	D/H/F	00:00.7871	187.974	17
11	14	Ferrucci, Santino	D/C/F	00:00.7876	187.855	16
12	12	Power, Will	D/C/F	00:00.7882	187.712	5
13	15	Rahal, Graham	D/H/F	00:00.7885	187.641	10
14	6	Rosenqvist, Felix	D/C/F	00:00.7895	187.403	4
15	18	Malukas, David	D/H/F	00:00.7896	187.379	14
16	27	Kirkwood, Kyle	D/H/F	00:00.7896	187.379	11
17	9	Dixon, Scott	D/H/F	00:00.7901	187.261	17
18	8	Ericsson, Marcus	D/H/F	00:00.7903	187.213	4
19	26	Herta, Colton	D/H/F	00:00.7903	187.213	4
20	29	DeFrancesco, Devlin	D/H/F	00:00.7904	187.189	6
21	10	Palou, Alex	D/H/F	00:00.7906	187.142	6
22	60	Pagnaud, Simon	D/H/F	00:00.7907	187.118	3
23	28	Grosjean, Romain	D/H/F	00:00.7910	187.047	5
24	55	Pedersen, Benjamin (R)	D/C/F	00:00.7915	186.929	16
25	51	Robb, Sting Ray (R)	D/H/F	00:00.7917	186.882	20
26	06	Castroneves, Helio	D/H/F	00:00.7925	186.693	6
27	11	Armstrong, Marcus (R)	D/H/F	00:00.7942	186.294	7

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I1 to I2****Length: 0.221212 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	10	Palou, Alex	D/H/F	00:05.4204	146.920	13
2	5	O'Ward, Pato	D/C/F	00:05.4765	145.415	6
3	7	Rossi, Alexander	D/C/F	00:05.4880	145.110	8
4	45	Lundgaard, Christian	D/H/F	00:05.5049	144.665	8
5	18	Malukas, David	D/H/F	00:05.5213	144.235	14
6	12	Power, Will	D/C/F	00:05.5351	143.875	3
7	51	Robb, Sting Ray (R)	D/H/F	00:05.5356	143.862	21
8	11	Armstrong, Marcus (R)	D/H/F	00:05.5357	143.860	15
9	6	Rosenqvist, Felix	D/C/F	00:05.5466	143.577	4
10	9	Dixon, Scott	D/H/F	00:05.5501	143.486	5
11	26	Herta, Colton	D/H/F	00:05.5693	142.992	11
12	77	Illott, Callum	D/C/F	00:05.5722	142.917	11
13	30	Harvey, Jack	D/H/F	00:05.5747	142.853	4
14	3	McLaughlin, Scott	D/C/F	00:05.5822	142.661	12
15	14	Ferrucci, Santino	D/C/F	00:05.5825	142.654	16
16	28	Grosjean, Romain	D/H/F	00:05.5913	142.429	9
17	8	Ericsson, Marcus	D/H/F	00:05.6087	141.987	12
18	2	Newgarden, Josef	D/C/F	00:05.6193	141.719	10
19	20	Hunter-Reay, Ryan	D/C/F	00:05.6281	141.498	16
20	29	DeFrancesco, Devlin	D/H/F	00:05.6295	141.463	13
21	15	Rahal, Graham	D/H/F	00:05.6382	141.244	16
22	78	Canapino, Agustin (R)	D/C/F	00:05.6476	141.009	14
23	21	VeeKay, Rinus	D/C/F	00:05.6646	140.586	16
24	55	Pedersen, Benjamin (R)	D/C/F	00:05.6848	140.086	14
25	06	Castroneves, Helio	D/H/F	00:05.7104	139.458	17
26	27	Kirkwood, Kyle	D/H/F	00:05.7601	138.255	5
27	60	Pagenaud, Simon	D/H/F	00:05.7682	138.061	14

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I3A to I4****Length: 0.191288 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:04.0456	170.219	12
2	60	Pagenaud, Simon	D/H/F	00:04.0466	170.177	3
3	29	DeFrancesco, Devlin	D/H/F	00:04.0493	170.063	6
4	21	VeeKay, Rinus	D/C/F	00:04.0497	170.046	15
5	7	Rossi, Alexander	D/C/F	00:04.0518	169.958	13
6	45	Lundgaard, Christian	D/H/F	00:04.0578	169.707	16
7	27	Kirkwood, Kyle	D/H/F	00:04.0611	169.569	11
8	26	Herta, Colton	D/H/F	00:04.0695	169.219	4
9	15	Rahal, Graham	D/H/F	00:04.0763	168.937	16
10	9	Dixon, Scott	D/H/F	00:04.0783	168.854	5
11	18	Malukas, David	D/H/F	00:04.0809	168.746	14
12	51	Robb, Sting Ray (R)	D/H/F	00:04.0832	168.651	20
13	30	Harvey, Jack	D/H/F	00:04.0838	168.626	17
14	6	Rosenqvist, Felix	D/C/F	00:04.0842	168.610	14
15	6	Rosenqvist, Felix	D/C/F	00:04.0842	168.610	4
16	77	Ilott, Callum	D/C/F	00:04.0857	168.548	13
17	06	Castroneves, Helio	D/H/F	00:04.0867	168.507	6
18	14	Ferrucci, Santino	D/C/F	00:04.0870	168.494	16
19	8	Ericsson, Marcus	D/H/F	00:04.0875	168.474	13
20	78	Canapino, Agustin (R)	D/C/F	00:04.0882	168.445	15
21	20	Hunter-Reay, Ryan	D/C/F	00:04.0903	168.358	14
22	12	Power, Will	D/C/F	00:04.0918	168.297	11
23	3	McLaughlin, Scott	D/C/F	00:04.0929	168.251	4
24	10	Palou, Alex	D/H/F	00:04.0968	168.091	4
25	2	Newgarden, Josef	D/C/F	00:04.1014	167.903	6
26	11	Armstrong, Marcus (R)	D/H/F	00:04.1057	167.727	3
27	55	Pedersen, Benjamin (R)	D/C/F	00:04.1136	167.405	16
28	28	Grosjean, Romain	D/H/F	00:04.1157	167.319	9

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I4A to I5****Length: 0.139583 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	11	Armstrong, Marcus (R)	D/H/F	00:03.2595	154.165	20
2	3	McLaughlin, Scott	D/C/F	00:03.3676	149.216	12
3	28	Grosjean, Romain	D/H/F	00:03.3858	148.414	6
4	8	Ericsson, Marcus	D/H/F	00:03.3897	148.243	9
5	7	Rossi, Alexander	D/C/F	00:03.4099	147.365	7
6	18	Malukas, David	D/H/F	00:03.4128	147.240	14
7	12	Power, Will	D/C/F	00:03.4203	146.917	3
8	5	O'Ward, Pato	D/C/F	00:03.4252	146.707	12
9	26	Herta, Colton	D/H/F	00:03.4266	146.647	10
10	30	Harvey, Jack	D/H/F	00:03.4290	146.544	3
11	6	Rosenqvist, Felix	D/C/F	00:03.4330	146.373	8
12	10	Palou, Alex	D/H/F	00:03.4376	146.178	15
13	77	Ilott, Callum	D/C/F	00:03.4385	146.139	11
14	45	Lundgaard, Christian	D/H/F	00:03.4452	145.855	6
15	29	DeFrancesco, Devlin	D/H/F	00:03.4793	144.426	12
16	06	Castroneves, Helio	D/H/F	00:03.4808	144.363	17
17	51	Robb, Sting Ray (R)	D/H/F	00:03.4863	144.136	19
18	2	Newgarden, Josef	D/C/F	00:03.4876	144.082	10
19	60	Pagnaud, Simon	D/H/F	00:03.4924	143.884	14
20	15	Rahal, Graham	D/H/F	00:03.4970	143.695	16
21	20	Hunter-Reay, Ryan	D/C/F	00:03.5006	143.547	16
22	78	Canapino, Agustin (R)	D/C/F	00:03.5027	143.461	15
23	9	Dixon, Scott	D/H/F	00:03.5093	143.191	17
24	21	VeeKay, Rinus	D/C/F	00:03.5147	142.971	14
25	55	Pedersen, Benjamin (R)	D/C/F	00:03.5251	142.549	23
26	14	Ferrucci, Santino	D/C/F	00:03.5310	142.311	6
27	27	Kirkwood, Kyle	D/H/F	00:03.6006	139.560	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I11B to I12****Length: 0.182765 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	7	Rossi, Alexander	D/C/F	00:03.4738	189.405	13
2	5	O'Ward, Pato	D/C/F	00:03.4769	189.236	13
3	45	Lundgaard, Christian	D/H/F	00:03.4956	188.224	17
4	6	Rosenqvist, Felix	D/C/F	00:03.5046	187.740	14
5	14	Ferrucci, Santino	D/C/F	00:03.5060	187.665	16
6	3	McLaughlin, Scott	D/C/F	00:03.5095	187.478	12
7	78	Canapino, Agustin (R)	D/C/F	00:03.5097	187.467	15
8	21	VeeKay, Rinus	D/C/F	00:03.5158	187.142	15
9	20	Hunter-Reay, Ryan	D/C/F	00:03.5169	187.084	14
10	2	Newgarden, Josef	D/C/F	00:03.5180	187.025	10
11	29	DeFrancesco, Devlin	D/H/F	00:03.5192	186.961	12
12	12	Power, Will	D/C/F	00:03.5210	186.866	13
13	18	Malukas, David	D/H/F	00:03.5245	186.680	15
14	27	Kirkwood, Kyle	D/H/F	00:03.5246	186.675	12
15	15	Rahal, Graham	D/H/F	00:03.5270	186.548	16
16	60	Pagnaud, Simon	D/H/F	00:03.5309	186.342	14
17	51	Robb, Sting Ray (R)	D/H/F	00:03.5328	186.242	20
18	77	Ilott, Callum	D/C/F	00:03.5329	186.236	11
19	26	Herta, Colton	D/H/F	00:03.5339	186.184	12
20	10	Palou, Alex	D/H/F	00:03.5349	186.131	13
21	55	Pedersen, Benjamin (R)	D/C/F	00:03.5365	186.047	21
22	06	Castroneves, Helio	D/H/F	00:03.5372	186.010	17
23	11	Armstrong, Marcus (R)	D/H/F	00:03.5382	185.957	19
24	30	Harvey, Jack	D/H/F	00:03.5452	185.590	9
25	28	Grosjean, Romain	D/H/F	00:03.5509	185.292	6
26	9	Dixon, Scott	D/H/F	00:03.5539	185.136	16
27	8	Ericsson, Marcus	D/H/F	00:03.5638	184.622	13

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I13 to I13A****Length: 0.108523 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	18	Malukas, David	D/H/F	00:02.5724	151.874	3
2	3	McLaughlin, Scott	D/C/F	00:02.5923	150.709	12
3	26	Herta, Colton	D/H/F	00:02.5949	150.558	12
4	10	Palou, Alex	D/H/F	00:02.5981	150.372	13
5	28	Grosjean, Romain	D/H/F	00:02.6020	150.147	13
6	2	Newgarden, Josef	D/C/F	00:02.6025	150.118	11
7	12	Power, Will	D/C/F	00:02.6052	149.962	14
8	14	Ferrucci, Santino	D/C/F	00:02.6085	149.773	8
9	5	O'Ward, Pato	D/C/F	00:02.6094	149.721	12
10	27	Kirkwood, Kyle	D/H/F	00:02.6106	149.652	11
11	7	Rossi, Alexander	D/C/F	00:02.6157	149.360	8
12	55	Pedersen, Benjamin (R)	D/C/F	00:02.6172	149.275	22
13	6	Rosenqvist, Felix	D/C/F	00:02.6194	149.149	14
14	8	Ericsson, Marcus	D/H/F	00:02.6234	148.922	13
15	45	Lundgaard, Christian	D/H/F	00:02.6317	148.452	16
16	11	Armstrong, Marcus (R)	D/H/F	00:02.6345	148.294	15
17	20	Hunter-Reay, Ryan	D/C/F	00:02.6363	148.193	16
18	9	Dixon, Scott	D/H/F	00:02.6472	147.583	17
19	78	Canapino, Agustin (R)	D/C/F	00:02.6506	147.394	15
20	30	Harvey, Jack	D/H/F	00:02.6522	147.305	4
21	51	Robb, Sting Ray (R)	D/H/F	00:02.6527	147.277	21
22	15	Rahal, Graham	D/H/F	00:02.6563	147.077	16
23	29	DeFrancesco, Devlin	D/H/F	00:02.6564	147.072	12
24	60	Pagnaud, Simon	D/H/F	00:02.6616	146.785	14
25	77	Ilott, Callum	D/C/F	00:02.6618	146.774	10
26	06	Castroneves, Helio	D/H/F	00:02.6695	146.350	16
27	21	VeeKay, Rinus	D/C/F	00:02.6991	144.745	15

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I15C to I15****Length: 0.081250 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:01.8611	157.165	13
2	12	Power, Will	D/C/F	00:01.8714	156.300	13
3	7	Rossi, Alexander	D/C/F	00:01.8724	156.217	12
4	8	Ericsson, Marcus	D/H/F	00:01.8760	155.917	4
5	9	Dixon, Scott	D/H/F	00:01.8779	155.759	5
6	21	VeeKay, Rinus	D/C/F	00:01.8798	155.602	14
7	14	Ferrucci, Santino	D/C/F	00:01.8801	155.577	15
8	18	Malukas, David	D/H/F	00:01.8808	155.519	14
9	45	Lundgaard, Christian	D/H/F	00:01.8808	155.519	8
10	6	Rosenqvist, Felix	D/C/F	00:01.8829	155.345	13
11	26	Herta, Colton	D/H/F	00:01.8829	155.345	12
12	10	Palou, Alex	D/H/F	00:01.8832	155.321	13
13	15	Rahal, Graham	D/H/F	00:01.8844	155.222	15
14	60	Pagnaud, Simon	D/H/F	00:01.8847	155.197	5
15	78	Canapino, Agustin (R)	D/C/F	00:01.8854	155.139	14
16	29	DeFrancesco, Devlin	D/H/F	00:01.8871	155.000	6
17	30	Harvey, Jack	D/H/F	00:01.8873	154.983	17
18	51	Robb, Sting Ray (R)	D/H/F	00:01.8873	154.983	18
19	77	Ilott, Callum	D/C/F	00:01.8878	154.942	11
20	27	Kirkwood, Kyle	D/H/F	00:01.8878	154.942	3
21	55	Pedersen, Benjamin (R)	D/C/F	00:01.8881	154.918	21
22	20	Hunter-Reay, Ryan	D/C/F	00:01.8898	154.778	14
23	06	Castroneves, Helio	D/H/F	00:01.8904	154.729	17
24	2	Newgarden, Josef	D/C/F	00:01.8908	154.696	4
25	3	McLaughlin, Scott	D/C/F	00:01.8914	154.647	4
26	11	Armstrong, Marcus (R)	D/H/F	00:01.8929	154.525	20
27	28	Grosjean, Romain	D/H/F	00:01.8960	154.272	13

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I15 to SF****Length: 0.186364 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:03.9081	171.671	13
2	7	Rossi, Alexander	D/C/F	00:03.9358	170.463	12
3	21	VeeKay, Rinus	D/C/F	00:03.9491	169.889	15
4	12	Power, Will	D/C/F	00:03.9552	169.627	13
5	29	DeFrancesco, Devlin	D/H/F	00:03.9560	169.593	6
6	9	Dixon, Scott	D/H/F	00:03.9582	169.499	4
7	27	Kirkwood, Kyle	D/H/F	00:03.9592	169.456	11
8	11	Armstrong, Marcus (R)	D/H/F	00:03.9611	169.374	7
9	45	Lundgaard, Christian	D/H/F	00:03.9613	169.366	16
10	8	Ericsson, Marcus	D/H/F	00:03.9619	169.340	13
11	18	Malukas, David	D/H/F	00:03.9644	169.233	14
12	78	Canapino, Agustin (R)	D/C/F	00:03.9680	169.080	7
13	15	Rahal, Graham	D/H/F	00:03.9686	169.054	15
14	55	Pedersen, Benjamin (R)	D/C/F	00:03.9720	168.910	4
15	20	Hunter-Reay, Ryan	D/C/F	00:03.9726	168.884	14
16	77	Ilott, Callum	D/C/F	00:03.9731	168.863	12
17	30	Harvey, Jack	D/H/F	00:03.9739	168.829	17
18	60	Pagnaud, Simon	D/H/F	00:03.9746	168.799	5
19	14	Ferrucci, Santino	D/C/F	00:03.9755	168.761	15
20	26	Herta, Colton	D/H/F	00:03.9777	168.668	3
21	06	Castroneves, Helio	D/H/F	00:03.9789	168.617	16
22	6	Rosenqvist, Felix	D/C/F	00:03.9803	168.557	13
23	51	Robb, Sting Ray (R)	D/H/F	00:03.9819	168.490	19
24	10	Palou, Alex	D/H/F	00:03.9822	168.477	13
25	3	McLaughlin, Scott	D/C/F	00:03.9823	168.473	12
26	2	Newgarden, Josef	D/C/F	00:03.9881	168.228	4
27	28	Grosjean, Romain	D/H/F	00:04.0035	167.581	13

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: SF to I1****Length: 0.276515 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:05.3241	186.971	13
2	7	Rossi, Alexander	D/C/F	00:05.3539	185.931	13
3	77	Ilott, Callum	D/C/F	00:05.3685	185.425	12
4	21	VeeKay, Rinus	D/C/F	00:05.3717	185.315	15
5	11	Armstrong, Marcus (R)	D/H/F	00:05.3744	185.222	7
6	29	DeFrancesco, Devlin	D/H/F	00:05.3778	185.104	6
7	45	Lundgaard, Christian	D/H/F	00:05.3951	184.511	16
8	78	Canapino, Agustin (R)	D/C/F	00:05.3984	184.398	7
9	18	Malukas, David	D/H/F	00:05.4006	184.323	15
10	27	Kirkwood, Kyle	D/H/F	00:05.4038	184.214	11
11	30	Harvey, Jack	D/H/F	00:05.4067	184.115	17
12	20	Hunter-Reay, Ryan	D/C/F	00:05.4076	184.084	6
13	12	Power, Will	D/C/F	00:05.4121	183.931	13
14	2	Newgarden, Josef	D/C/F	00:05.4135	183.884	4
15	3	McLaughlin, Scott	D/C/F	00:05.4144	183.853	4
16	26	Herta, Colton	D/H/F	00:05.4145	183.850	4
17	14	Ferrucci, Santino	D/C/F	00:05.4148	183.840	14
18	60	Pagnaud, Simon	D/H/F	00:05.4154	183.819	5
19	8	Ericsson, Marcus	D/H/F	00:05.4157	183.809	4
20	15	Rahal, Graham	D/H/F	00:05.4161	183.795	16
21	9	Dixon, Scott	D/H/F	00:05.4213	183.619	5
22	51	Robb, Sting Ray (R)	D/H/F	00:05.4279	183.396	19
23	06	Castroneves, Helio	D/H/F	00:05.4282	183.386	17
24	55	Pedersen, Benjamin (R)	D/C/F	00:05.4285	183.376	21
25	10	Palou, Alex	D/H/F	00:05.4288	183.365	6
26	6	Rosenqvist, Felix	D/C/F	00:05.4333	183.214	4
27	28	Grosjean, Romain	D/H/F	00:05.4455	182.803	5

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I3 to I4****Length: 0.449053 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	45	Lundgaard, Christian	D/H/F	00:11.5145	140.396	8
2	6	Rosenqvist, Felix	D/C/F	00:11.5187	140.345	14
3	5	O'Ward, Pato	D/C/F	00:11.5425	140.056	4
4	15	Rahal, Graham	D/H/F	00:11.5589	139.857	16
5	7	Rossi, Alexander	D/C/F	00:11.5737	139.678	13
6	14	Ferrucci, Santino	D/C/F	00:11.5748	139.665	12
7	8	Ericsson, Marcus	D/H/F	00:11.5888	139.496	9
8	11	Armstrong, Marcus (R)	D/H/F	00:11.5994	139.368	14
9	21	VeeKay, Rinus	D/C/F	00:11.6055	139.295	15
10	26	Herta, Colton	D/H/F	00:11.6062	139.287	12
11	29	DeFrancesco, Devlin	D/H/F	00:11.6120	139.217	9
12	60	Pagnaud, Simon	D/H/F	00:11.6244	139.069	13
13	3	McLaughlin, Scott	D/C/F	00:11.6286	139.019	4
14	9	Dixon, Scott	D/H/F	00:11.6322	138.976	5
15	18	Malukas, David	D/H/F	00:11.6370	138.918	14
16	12	Power, Will	D/C/F	00:11.6421	138.857	14
17	27	Kirkwood, Kyle	D/H/F	00:11.6465	138.805	11
18	10	Palou, Alex	D/H/F	00:11.6467	138.802	4
19	06	Castroneves, Helio	D/H/F	00:11.6556	138.696	16
20	51	Robb, Sting Ray (R)	D/H/F	00:11.6583	138.664	20
21	28	Grosjean, Romain	D/H/F	00:11.6793	138.415	9
22	77	Ilott, Callum	D/C/F	00:11.6831	138.370	13
23	55	Pedersen, Benjamin (R)	D/C/F	00:11.6950	138.229	16
24	2	Newgarden, Josef	D/C/F	00:11.7094	138.059	4
25	78	Canapino, Agustin (R)	D/C/F	00:11.7398	137.702	13
26	20	Hunter-Reay, Ryan	D/C/F	00:11.7519	137.560	16
27	30	Harvey, Jack	D/H/F	00:11.7531	137.546	8

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I4 to I5****Length: 0.313068 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	11	Armstrong, Marcus (R)	D/H/F	00:06.7332	167.386	20
2	3	McLaughlin, Scott	D/C/F	00:06.8203	165.249	12
3	5	O'Ward, Pato	D/C/F	00:06.8337	164.925	12
4	8	Ericsson, Marcus	D/H/F	00:06.8485	164.568	9
5	7	Rossi, Alexander	D/C/F	00:06.8496	164.542	7
6	18	Malukas, David	D/H/F	00:06.8537	164.443	14
7	28	Grosjean, Romain	D/H/F	00:06.8698	164.058	6
8	30	Harvey, Jack	D/H/F	00:06.8879	163.627	3
9	77	Ilott, Callum	D/C/F	00:06.8915	163.541	11
10	26	Herta, Colton	D/H/F	00:06.8945	163.470	10
11	12	Power, Will	D/C/F	00:06.9017	163.300	3
12	45	Lundgaard, Christian	D/H/F	00:06.9038	163.250	6
13	6	Rosenqvist, Felix	D/C/F	00:06.9138	163.014	8
14	10	Palou, Alex	D/H/F	00:06.9199	162.870	15
15	29	DeFrancesco, Devlin	D/H/F	00:06.9227	162.804	12
16	51	Robb, Sting Ray (R)	D/H/F	00:06.9349	162.518	19
17	21	VeeKay, Rinus	D/C/F	00:06.9449	162.284	14
18	15	Rahal, Graham	D/H/F	00:06.9476	162.221	16
19	60	Pagnaud, Simon	D/H/F	00:06.9509	162.144	5
20	78	Canapino, Agustin (R)	D/C/F	00:06.9537	162.079	15
21	06	Castroneves, Helio	D/H/F	00:06.9558	162.030	17
22	2	Newgarden, Josef	D/C/F	00:06.9631	161.860	6
23	20	Hunter-Reay, Ryan	D/C/F	00:06.9721	161.651	16
24	9	Dixon, Scott	D/H/F	00:06.9737	161.614	17
25	55	Pedersen, Benjamin (R)	D/C/F	00:07.0015	160.972	20
26	14	Ferrucci, Santino	D/C/F	00:07.0218	160.507	15
27	27	Kirkwood, Kyle	D/H/F	00:07.0637	159.555	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I11 to I12****Length: 0.439394 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:08.5159	185.749	13
2	7	Rossi, Alexander	D/C/F	00:08.5159	185.749	13
3	14	Ferrucci, Santino	D/C/F	00:08.5852	184.249	16
4	45	Lundgaard, Christian	D/H/F	00:08.5884	184.181	17
5	18	Malukas, David	D/H/F	00:08.6184	183.540	15
6	6	Rosenqvist, Felix	D/C/F	00:08.6185	183.538	14
7	21	VeeKay, Rinus	D/C/F	00:08.6187	183.533	15
8	3	McLaughlin, Scott	D/C/F	00:08.6396	183.089	12
9	78	Canapino, Agustin (R)	D/C/F	00:08.6439	182.998	15
10	27	Kirkwood, Kyle	D/H/F	00:08.6441	182.994	12
11	29	DeFrancesco, Devlin	D/H/F	00:08.6476	182.920	12
12	20	Hunter-Reay, Ryan	D/C/F	00:08.6543	182.778	16
13	15	Rahal, Graham	D/H/F	00:08.6570	182.721	16
14	12	Power, Will	D/C/F	00:08.6591	182.677	13
15	2	Newgarden, Josef	D/C/F	00:08.6614	182.628	11
16	51	Robb, Sting Ray (R)	D/H/F	00:08.6631	182.593	20
17	10	Palou, Alex	D/H/F	00:08.6721	182.403	13
18	55	Pedersen, Benjamin (R)	D/C/F	00:08.6784	182.271	21
19	77	Ilott, Callum	D/C/F	00:08.6871	182.088	11
20	60	Pagnaud, Simon	D/H/F	00:08.6919	181.988	13
21	26	Herta, Colton	D/H/F	00:08.6932	181.960	12
22	9	Dixon, Scott	D/H/F	00:08.6971	181.879	17
23	06	Castroneves, Helio	D/H/F	00:08.7267	181.262	17
24	30	Harvey, Jack	D/H/F	00:08.7305	181.183	9
25	11	Armstrong, Marcus (R)	D/H/F	00:08.7324	181.144	19
26	28	Grosjean, Romain	D/H/F	00:08.7394	180.998	6
27	8	Ericsson, Marcus	D/H/F	00:08.7484	180.812	13

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I13 to I14****Length: 0.172727 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	3	McLaughlin, Scott	D/C/F	00:04.1416	150.140	12
2	14	Ferrucci, Santino	D/C/F	00:04.1562	149.612	15
3	10	Palou, Alex	D/H/F	00:04.1585	149.529	13
4	18	Malukas, David	D/H/F	00:04.1665	149.242	14
5	26	Herta, Colton	D/H/F	00:04.1675	149.207	12
6	7	Rossi, Alexander	D/C/F	00:04.1767	148.878	11
7	12	Power, Will	D/C/F	00:04.1773	148.856	13
8	45	Lundgaard, Christian	D/H/F	00:04.1915	148.352	16
9	5	O'Ward, Pato	D/C/F	00:04.2030	147.946	12
10	28	Grosjean, Romain	D/H/F	00:04.2133	147.585	9
11	55	Pedersen, Benjamin (R)	D/C/F	00:04.2151	147.522	21
12	2	Newgarden, Josef	D/C/F	00:04.2257	147.152	10
13	11	Armstrong, Marcus (R)	D/H/F	00:04.2280	147.071	15
14	20	Hunter-Reay, Ryan	D/C/F	00:04.2293	147.026	14
15	6	Rosenqvist, Felix	D/C/F	00:04.2297	147.012	3
16	29	DeFrancesco, Devlin	D/H/F	00:04.2311	146.964	12
17	8	Ericsson, Marcus	D/H/F	00:04.2421	146.583	8
18	27	Kirkwood, Kyle	D/H/F	00:04.2474	146.400	11
19	51	Robb, Sting Ray (R)	D/H/F	00:04.2634	145.850	20
20	30	Harvey, Jack	D/H/F	00:04.2642	145.823	4
21	77	Ilott, Callum	D/C/F	00:04.2660	145.761	10
22	78	Canapino, Agustin (R)	D/C/F	00:04.2682	145.686	15
23	9	Dixon, Scott	D/H/F	00:04.2685	145.676	16
24	15	Rahal, Graham	D/H/F	00:04.2801	145.281	15
25	06	Castroneves, Helio	D/H/F	00:04.3143	144.130	16
26	60	Pagenaud, Simon	D/H/F	00:04.3227	143.849	13
27	21	VeeKay, Rinus	D/C/F	00:04.3296	143.620	15

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I14 to I15****Length: 0.282765 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	8	Ericsson, Marcus	D/H/F	00:07.8154	130.250	13
2	10	Palou, Alex	D/H/F	00:07.8654	129.422	13
3	12	Power, Will	D/C/F	00:07.8659	129.414	13
4	5	O'Ward, Pato	D/C/F	00:07.8762	129.244	6
5	18	Malukas, David	D/H/F	00:07.8899	129.020	14
6	7	Rossi, Alexander	D/C/F	00:07.8988	128.875	12
7	6	Rosenqvist, Felix	D/C/F	00:07.9115	128.668	13
8	45	Lundgaard, Christian	D/H/F	00:07.9276	128.406	8
9	26	Herta, Colton	D/H/F	00:07.9368	128.258	12
10	11	Armstrong, Marcus (R)	D/H/F	00:07.9466	128.099	16
11	14	Ferrucci, Santino	D/C/F	00:07.9535	127.988	15
12	77	Ilott, Callum	D/C/F	00:07.9547	127.969	11
13	9	Dixon, Scott	D/H/F	00:07.9574	127.926	5
14	06	Castroneves, Helio	D/H/F	00:07.9624	127.845	17
15	20	Hunter-Reay, Ryan	D/C/F	00:07.9745	127.651	16
16	3	McLaughlin, Scott	D/C/F	00:07.9810	127.547	5
17	55	Pedersen, Benjamin (R)	D/C/F	00:07.9837	127.504	21
18	51	Robb, Sting Ray (R)	D/H/F	00:07.9844	127.493	19
19	29	DeFrancesco, Devlin	D/H/F	00:07.9855	127.475	5
20	2	Newgarden, Josef	D/C/F	00:07.9876	127.442	11
21	28	Grosjean, Romain	D/H/F	00:07.9989	127.262	13
22	27	Kirkwood, Kyle	D/H/F	00:08.0113	127.065	3
23	78	Canapino, Agustin (R)	D/C/F	00:08.0115	127.062	14
24	15	Rahal, Graham	D/H/F	00:08.0197	126.932	15
25	21	VeeKay, Rinus	D/C/F	00:08.0216	126.902	16
26	30	Harvey, Jack	D/H/F	00:08.0283	126.796	3
27	60	Pagenaud, Simon	D/H/F	00:08.0623	126.261	5

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I4AT to I4A****Length: 0.022727 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:00.4376	186.970	14
2	7	Rossi, Alexander	D/C/F	00:00.4376	186.970	13
3	29	DeFrancesco, Devlin	D/H/F	00:00.4385	186.587	6
4	21	VeeKay, Rinus	D/C/F	00:00.4388	186.459	15
5	45	Lundgaard, Christian	D/H/F	00:00.4412	185.445	7
6	30	Harvey, Jack	D/H/F	00:00.4413	185.403	17
7	27	Kirkwood, Kyle	D/H/F	00:00.4428	184.775	11
8	26	Herta, Colton	D/H/F	00:00.4432	184.608	3
9	14	Ferrucci, Santino	D/C/F	00:00.4432	184.608	16
10	18	Malukas, David	D/H/F	00:00.4433	184.566	14
11	20	Hunter-Reay, Ryan	D/C/F	00:00.4435	184.483	14
12	77	Ilott, Callum	D/C/F	00:00.4435	184.483	13
13	78	Canapino, Agustin (R)	D/C/F	00:00.4438	184.358	15
14	60	Pagenaud, Simon	D/H/F	00:00.4440	184.275	13
15	51	Robb, Sting Ray (R)	D/H/F	00:00.4442	184.192	19
16	12	Power, Will	D/C/F	00:00.4443	184.151	12
17	3	McLaughlin, Scott	D/C/F	00:00.4444	184.109	3
18	9	Dixon, Scott	D/H/F	00:00.4447	183.985	17
19	10	Palou, Alex	D/H/F	00:00.4448	183.944	13
20	8	Ericsson, Marcus	D/H/F	00:00.4449	183.902	12
21	06	Castroneves, Helio	D/H/F	00:00.4449	183.902	16
22	6	Rosenqvist, Felix	D/C/F	00:00.4452	183.778	3
23	15	Rahal, Graham	D/H/F	00:00.4452	183.778	15
24	55	Pedersen, Benjamin (R)	D/C/F	00:00.4457	183.572	20
25	11	Armstrong, Marcus (R)	D/H/F	00:00.4462	183.367	20
26	2	Newgarden, Josef	D/C/F	00:00.4462	183.367	6
27	28	Grosjean, Romain	D/H/F	00:00.4478	182.711	6

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I12T to I12****Length: 0.022727 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:00.4329	189.000	4
2	7	Rossi, Alexander	D/C/F	00:00.4330	188.957	4
3	45	Lundgaard, Christian	D/H/F	00:00.4357	187.786	16
4	78	Canapino, Agustin (R)	D/C/F	00:00.4360	187.656	15
5	6	Rosenqvist, Felix	D/C/F	00:00.4361	187.613	14
6	14	Ferrucci, Santino	D/C/F	00:00.4364	187.484	15
7	3	McLaughlin, Scott	D/C/F	00:00.4367	187.356	3
8	12	Power, Will	D/C/F	00:00.4370	187.227	13
9	20	Hunter-Reay, Ryan	D/C/F	00:00.4376	186.970	14
10	2	Newgarden, Josef	D/C/F	00:00.4378	186.885	10
11	15	Rahal, Graham	D/H/F	00:00.4381	186.757	16
12	30	Harvey, Jack	D/H/F	00:00.4383	186.672	9
13	26	Herta, Colton	D/H/F	00:00.4390	186.374	4
14	29	DeFrancesco, Devlin	D/H/F	00:00.4391	186.332	5
15	51	Robb, Sting Ray (R)	D/H/F	00:00.4391	186.332	20
16	60	Pagnaud, Simon	D/H/F	00:00.4392	186.289	14
17	28	Grosjean, Romain	D/H/F	00:00.4393	186.247	6
18	11	Armstrong, Marcus (R)	D/H/F	00:00.4395	186.162	19
19	10	Palou, Alex	D/H/F	00:00.4397	186.077	13
20	27	Kirkwood, Kyle	D/H/F	00:00.4397	186.077	11
21	77	Ilott, Callum	D/C/F	00:00.4398	186.035	5
22	18	Malukas, David	D/H/F	00:00.4399	185.993	10
23	06	Castroneves, Helio	D/H/F	00:00.4399	185.993	15
24	9	Dixon, Scott	D/H/F	00:00.4405	185.739	3
25	55	Pedersen, Benjamin (R)	D/C/F	00:00.4408	185.613	14
26	8	Ericsson, Marcus	D/H/F	00:00.4418	185.193	13
27	21	VeeKay, Rinus	D/C/F	00:00.4432	184.608	7

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: Sonsio Grand Prix at Road America**Round 8****Track: Road America****4.014 mile(s)****Report: Top Section Times Report****NTT INDYCAR SERIES****Session: Practice 1****June 16, 2023****Section: I11 to SF****Length: 1.362689 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	5	O'Ward, Pato	D/C/F	00:33.0377	148.487	12
2	7	Rossi, Alexander	D/C/F	00:33.2956	147.337	11
3	9	Dixon, Scott	D/H/F	00:33.3727	146.997	16
4	26	Herta, Colton	D/H/F	00:33.3846	146.944	11
5	18	Malukas, David	D/H/F	00:33.3911	146.916	14
6	29	DeFrancesco, Devlin	D/H/F	00:33.4239	146.772	12
7	15	Rahal, Graham	D/H/F	00:33.4823	146.516	15
8	11	Armstrong, Marcus (R)	D/H/F	00:33.4879	146.491	15
9	45	Lundgaard, Christian	D/H/F	00:33.4906	146.479	16
10	51	Robb, Sting Ray (R)	D/H/F	00:33.4949	146.461	20
11	2	Newgarden, Josef	D/C/F	00:33.5031	146.425	10
12	14	Ferrucci, Santino	D/C/F	00:33.5266	146.322	15
13	77	Ilott, Callum	D/C/F	00:33.5602	146.176	10
14	78	Canapino, Agustin (R)	D/C/F	00:33.5630	146.163	14
15	3	McLaughlin, Scott	D/C/F	00:33.5759	146.107	3
16	6	Rosenqvist, Felix	D/C/F	00:33.6022	145.993	7
17	28	Grosjean, Romain	D/H/F	00:33.6287	145.878	13
18	06	Castroneves, Helio	D/H/F	00:33.6590	145.747	16
19	8	Ericsson, Marcus	D/H/F	00:33.6719	145.691	8
20	20	Hunter-Reay, Ryan	D/C/F	00:33.6851	145.634	14
21	55	Pedersen, Benjamin (R)	D/C/F	00:33.7168	145.497	21
22	12	Power, Will	D/C/F	00:33.7174	145.494	2
23	60	Pagnaud, Simon	D/H/F	00:33.7363	145.413	13
24	21	VeeKay, Rinus	D/C/F	00:33.7654	145.287	15
25	10	Palou, Alex	D/H/F	00:33.8570	144.894	14
26	30	Harvey, Jack	D/H/F	00:33.8802	144.795	8
27	27	Kirkwood, Kyle	D/H/F	00:33.9224	144.615	10

(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone

Event: **Sonsio Grand Prix at Road America**

Track: **Road America**

Report: **Top Section Times Report**

Session: **Practice 1**

Round **8**

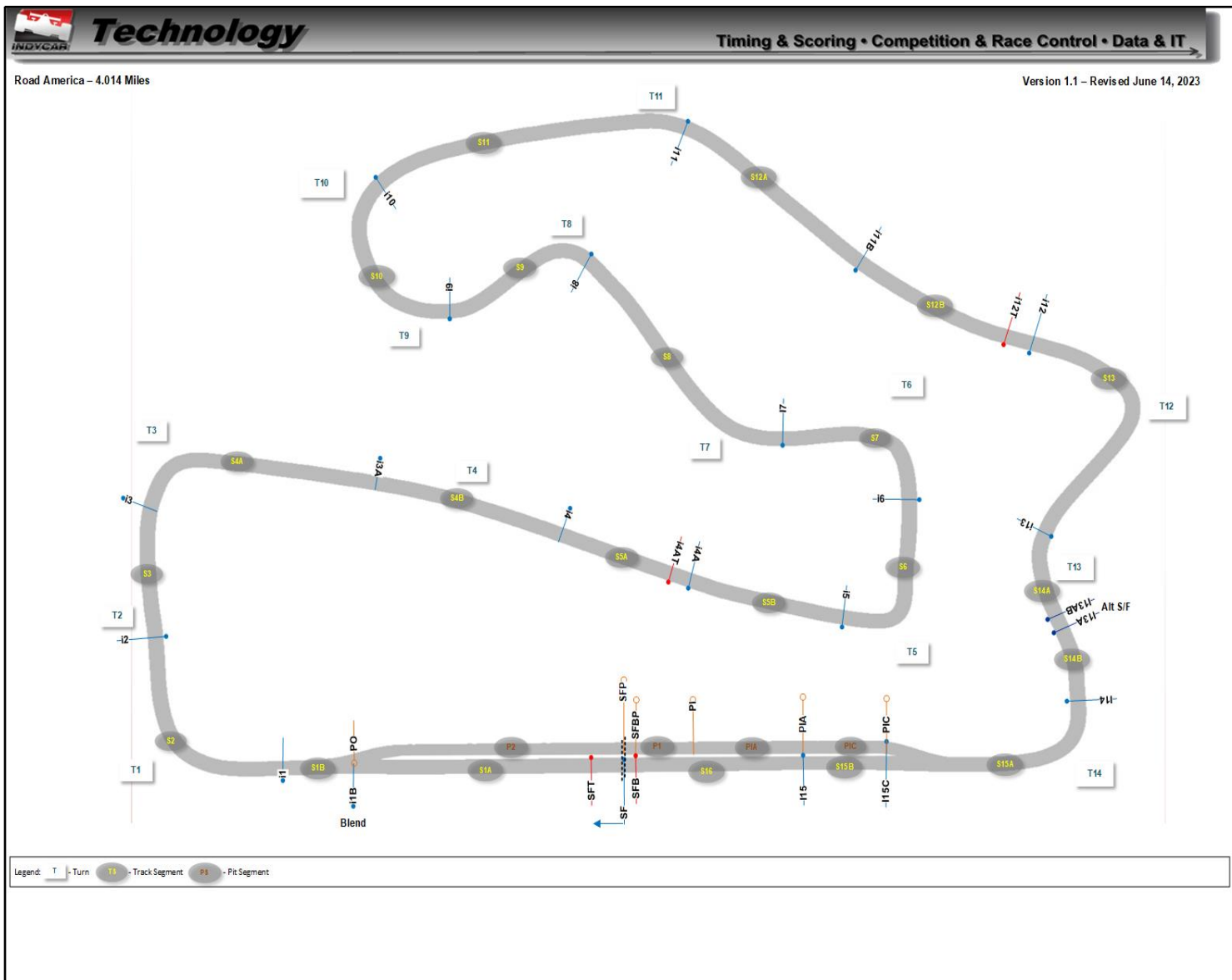
4.014 mile(s)

NTT INDYCAR SERIES

June 16, 2023



Track Map



(C)hassis: D=Dallara | (E)ngine: C=Chevy, H=Honda | (T)ire: F=Firestone