

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Track map included on last page of report

Section: Lap

Length: 0.894000 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:18.4476	174.462	3
2	2	Newgarden, Josef	D/C/F	00:18.5205	173.775	50
3	20	Carpenter, Ed	D/C/F	00:18.6427	172.636	89
4	9	Dixon, Scott	D/H/F	00:18.7596	171.560	67
5	59	Daly, Conor	D/C/F	00:18.8966	170.316	61
6	88	Herta, Colton (R)	D/H/F	00:19.0225	169.189	47
7	7	Ericsson, Marcus (R)	D/H/F	00:19.0338	169.089	64
8	12	Power, Will	D/C/F	00:19.0937	168.558	70
9	28	Hunter-Reay, Ryan	D/H/F	00:19.1086	168.427	5
10	27	Rossi, Alexander	D/H/F	00:19.1200	168.326	5
11	21	Pigot, Spencer	D/C/F	00:19.1415	168.137	78
12	5	Hinchcliffe, James	D/H/F	00:19.1709	167.879	54
13	26	Veatch, Zach	D/H/F	00:19.2414	167.264	56
14	15	Rahal, Graham	D/H/F	00:19.2664	167.047	54
15	18	Bourdais, Sebastien	D/H/F	00:19.2826	166.907	86
16	4	Leist, Matheus	D/C/F	00:19.2839	166.896	53
17	14	Kanaan, Tony	D/C/F	00:19.2917	166.828	9
18	30	Sato, Takuma	D/H/F	00:19.3419	166.395	45
19	10	Rosenqvist, Felix (R)	D/H/F	00:19.4030	165.871	13
20	98	Andretti, Marco	D/H/F	00:19.4559	165.420	38
21	31	Karam, Sage	D/C/F	00:19.4620	165.368	9
22	19	Ferrucci, Santino (R)	D/H/F	00:19.6935	163.424	7

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
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Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: SF to T1

Length: 0.131629 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:02.5788	183.754	4
2	2	Newgarden, Josef	D/C/F	00:02.5816	183.554	51
3	20	Carpenter, Ed	D/C/F	00:02.5902	182.945	90
4	7	Ericsson, Marcus (R)	D/H/F	00:02.6081	181.689	39
5	28	Hunter-Reay, Ryan	D/H/F	00:02.6101	181.550	5
6	5	Hinchcliffe, James	D/H/F	00:02.6127	181.369	55
7	27	Rossi, Alexander	D/H/F	00:02.6134	181.321	71
8	21	Pigot, Spencer	D/C/F	00:02.6170	181.071	77
9	9	Dixon, Scott	D/H/F	00:02.6181	180.995	67
10	14	Kanaan, Tony	D/C/F	00:02.6239	180.595	10
11	12	Power, Will	D/C/F	00:02.6241	180.581	84
12	30	Sato, Takuma	D/H/F	00:02.6243	180.568	10
13	88	Herta, Colton (R)	D/H/F	00:02.6270	180.382	48
14	59	Daly, Conor	D/C/F	00:02.6288	180.259	62
15	4	Leist, Matheus	D/C/F	00:02.6316	180.067	12
16	15	Rahal, Graham	D/H/F	00:02.6321	180.033	63
17	10	Rosenqvist, Felix (R)	D/H/F	00:02.6360	179.766	15
18	26	Veach, Zach	D/H/F	00:02.6373	179.678	56
19	31	Karam, Sage	D/C/F	00:02.6448	179.168	24
20	18	Bourdais, Sebastien	D/H/F	00:02.6451	179.148	87
21	98	Andretti, Marco	D/H/F	00:02.6497	178.837	38
22	19	Ferrucci, Santino (R)	D/H/F	00:02.6606	178.104	8

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Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T1 to SS1

Length: 0.094602 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:01.9462	174.991	51
2	22	Pagenaud, Simon	D/C/F	00:01.9724	172.667	3
3	9	Dixon, Scott	D/H/F	00:02.0026	170.063	67
4	26	Veach, Zach	D/H/F	00:02.0133	169.159	54
5	20	Carpenter, Ed	D/C/F	00:02.0142	169.084	89
6	21	Pigot, Spencer	D/C/F	00:02.0185	168.723	77
7	18	Bourdais, Sebastien	D/H/F	00:02.0188	168.698	33
8	12	Power, Will	D/C/F	00:02.0189	168.690	70
9	28	Hunter-Reay, Ryan	D/H/F	00:02.0194	168.648	11
10	7	Ericsson, Marcus (R)	D/H/F	00:02.0280	167.933	64
11	88	Herta, Colton (R)	D/H/F	00:02.0322	167.586	11
12	27	Rossi, Alexander	D/H/F	00:02.0479	166.301	5
13	59	Daly, Conor	D/C/F	00:02.0514	166.017	62
14	15	Rahal, Graham	D/H/F	00:02.0532	165.872	55
15	14	Kanaan, Tony	D/C/F	00:02.0543	165.783	62
16	10	Rosenqvist, Felix (R)	D/H/F	00:02.0650	164.924	17
17	98	Andretti, Marco	D/H/F	00:02.0698	164.542	38
18	30	Sato, Takuma	D/H/F	00:02.0756	164.082	10
19	4	Leist, Matheus	D/C/F	00:02.0792	163.798	12
20	5	Hinchcliffe, James	D/H/F	00:02.0885	163.068	55
21	31	Karam, Sage	D/C/F	00:02.1076	161.591	24
22	19	Ferrucci, Santino (R)	D/H/F	00:02.1366	159.397	8

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

Event: Iowa 300
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Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: SS1 to T2

Length: 0.115625 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:02.5460	163.492	52
2	20	Carpenter, Ed	D/C/F	00:02.5536	163.005	89
3	22	Pagenaud, Simon	D/C/F	00:02.5541	162.973	3
4	9	Dixon, Scott	D/H/F	00:02.5851	161.019	67
5	7	Ericsson, Marcus (R)	D/H/F	00:02.5894	160.752	8
6	59	Daly, Conor	D/C/F	00:02.5906	160.677	61
7	88	Herta, Colton (R)	D/H/F	00:02.6131	159.294	47
8	12	Power, Will	D/C/F	00:02.6239	158.638	66
9	28	Hunter-Reay, Ryan	D/H/F	00:02.6271	158.445	4
10	30	Sato, Takuma	D/H/F	00:02.6414	157.587	9
11	5	Hinchcliffe, James	D/H/F	00:02.6486	157.158	9
12	10	Rosenqvist, Felix (R)	D/H/F	00:02.6662	156.121	6
13	27	Rossi, Alexander	D/H/F	00:02.6684	155.992	5
14	31	Karam, Sage	D/C/F	00:02.6687	155.975	59
15	21	Pigot, Spencer	D/C/F	00:02.6889	154.803	32
16	98	Andretti, Marco	D/H/F	00:02.7021	154.047	38
17	18	Bourdais, Sebastien	D/H/F	00:02.7023	154.035	87
18	14	Kanaan, Tony	D/C/F	00:02.7063	153.808	54
19	26	Veach, Zach	D/H/F	00:02.7081	153.706	5
20	15	Rahal, Graham	D/H/F	00:02.7194	153.067	11
21	4	Leist, Matheus	D/C/F	00:02.7247	152.769	53
22	19	Ferrucci, Santino (R)	D/H/F	00:02.7794	149.763	8

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T2 to BS

Length: 0.105492 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:02.2103	171.820	3
2	20	Carpenter, Ed	D/C/F	00:02.2179	171.231	89
3	2	Newgarden, Josef	D/C/F	00:02.2274	170.500	50
4	7	Ericsson, Marcus (R)	D/H/F	00:02.2312	170.210	8
5	9	Dixon, Scott	D/H/F	00:02.2316	170.180	13
6	28	Hunter-Reay, Ryan	D/H/F	00:02.2376	169.723	4
7	59	Daly, Conor	D/C/F	00:02.2390	169.617	61
8	88	Herta, Colton (R)	D/H/F	00:02.2410	169.466	47
9	10	Rosenqvist, Felix (R)	D/H/F	00:02.2437	169.262	12
10	27	Rossi, Alexander	D/H/F	00:02.2445	169.201	57
11	31	Karam, Sage	D/C/F	00:02.2475	168.976	59
12	5	Hinchcliffe, James	D/H/F	00:02.2529	168.571	9
13	30	Sato, Takuma	D/H/F	00:02.2601	168.034	9
14	4	Leist, Matheus	D/C/F	00:02.2646	167.700	53
15	14	Kanaan, Tony	D/C/F	00:02.2650	167.670	54
16	12	Power, Will	D/C/F	00:02.2653	167.648	61
17	15	Rahal, Graham	D/H/F	00:02.2687	167.397	11
18	21	Pigot, Spencer	D/C/F	00:02.2728	167.095	78
19	98	Andretti, Marco	D/H/F	00:02.2890	165.912	38
20	18	Bourdais, Sebastien	D/H/F	00:02.2939	165.558	90
21	19	Ferrucci, Santino (R)	D/H/F	00:02.2972	165.320	8
22	26	Veatch, Zach	D/H/F	00:02.2991	165.183	5

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: BS to T3

Length: 0.105682 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:02.0931	181.766	3
2	20	Carpenter, Ed	D/C/F	00:02.1089	180.404	89
3	2	Newgarden, Josef	D/C/F	00:02.1116	180.174	50
4	9	Dixon, Scott	D/H/F	00:02.1138	179.986	67
5	88	Herta, Colton (R)	D/H/F	00:02.1158	179.816	47
6	7	Ericsson, Marcus (R)	D/H/F	00:02.1167	179.739	8
7	28	Hunter-Reay, Ryan	D/H/F	00:02.1252	179.021	4
8	4	Leist, Matheus	D/C/F	00:02.1262	178.936	12
9	15	Rahal, Graham	D/H/F	00:02.1283	178.760	7
10	21	Pigot, Spencer	D/C/F	00:02.1320	178.450	78
11	59	Daly, Conor	D/C/F	00:02.1323	178.424	61
12	14	Kanaan, Tony	D/C/F	00:02.1328	178.383	9
13	30	Sato, Takuma	D/H/F	00:02.1356	178.149	45
14	12	Power, Will	D/C/F	00:02.1366	178.065	5
15	5	Hinchcliffe, James	D/H/F	00:02.1372	178.015	54
16	10	Rosenqvist, Felix (R)	D/H/F	00:02.1395	177.824	13
17	27	Rossi, Alexander	D/H/F	00:02.1424	177.583	57
18	31	Karam, Sage	D/C/F	00:02.1489	177.046	59
19	19	Ferrucci, Santino (R)	D/H/F	00:02.1498	176.972	8
20	98	Andretti, Marco	D/H/F	00:02.1513	176.849	38
21	26	Veach, Zach	D/H/F	00:02.1561	176.455	56
22	18	Bourdais, Sebastien	D/H/F	00:02.1596	176.169	90

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T3 to SS2

Length: 0.116856 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:02.3513	178.915	50
2	22	Pagenaud, Simon	D/C/F	00:02.3742	177.189	3
3	20	Carpenter, Ed	D/C/F	00:02.3890	176.091	89
4	12	Power, Will	D/C/F	00:02.4144	174.239	3
5	9	Dixon, Scott	D/H/F	00:02.4275	173.298	67
6	59	Daly, Conor	D/C/F	00:02.4337	172.857	61
7	88	Herta, Colton (R)	D/H/F	00:02.4427	172.220	47
8	26	Veatch, Zach	D/H/F	00:02.4477	171.868	56
9	15	Rahal, Graham	D/H/F	00:02.4623	170.849	54
10	5	Hinchcliffe, James	D/H/F	00:02.4736	170.069	53
11	21	Pigot, Spencer	D/C/F	00:02.4736	170.069	78
12	28	Hunter-Reay, Ryan	D/H/F	00:02.4786	169.726	60
13	18	Bourdais, Sebastien	D/H/F	00:02.4810	169.561	86
14	7	Ericsson, Marcus (R)	D/H/F	00:02.4826	169.452	63
15	27	Rossi, Alexander	D/H/F	00:02.4939	168.684	5
16	14	Kanaan, Tony	D/C/F	00:02.4939	168.684	23
17	30	Sato, Takuma	D/H/F	00:02.5180	167.070	5
18	4	Leist, Matheus	D/C/F	00:02.5224	166.778	53
19	10	Rosenqvist, Felix (R)	D/H/F	00:02.5421	165.486	13
20	98	Andretti, Marco	D/H/F	00:02.5556	164.612	38
21	31	Karam, Sage	D/C/F	00:02.5911	162.356	9
22	19	Ferrucci, Santino (R)	D/H/F	00:02.5925	162.269	8

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: SS2 to T4

Length: 0.093466 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:01.9914	168.965	3
2	2	Newgarden, Josef	D/C/F	00:02.0263	166.055	50
3	20	Carpenter, Ed	D/C/F	00:02.0403	164.916	89
4	59	Daly, Conor	D/C/F	00:02.0572	163.561	61
5	9	Dixon, Scott	D/H/F	00:02.0615	163.220	67
6	5	Hinchcliffe, James	D/H/F	00:02.0727	162.338	54
7	21	Pigot, Spencer	D/C/F	00:02.0758	162.095	77
8	12	Power, Will	D/C/F	00:02.0790	161.846	65
9	7	Ericsson, Marcus (R)	D/H/F	00:02.0908	160.932	63
10	27	Rossi, Alexander	D/H/F	00:02.0925	160.802	57
11	88	Herta, Colton (R)	D/H/F	00:02.1087	159.566	8
12	18	Bourdais, Sebastien	D/H/F	00:02.1138	159.181	86
13	30	Sato, Takuma	D/H/F	00:02.1182	158.851	9
14	26	Veach, Zach	D/H/F	00:02.1203	158.693	11
15	14	Kanaan, Tony	D/C/F	00:02.1220	158.566	9
16	28	Hunter-Reay, Ryan	D/H/F	00:02.1248	158.357	4
17	10	Rosenqvist, Felix (R)	D/H/F	00:02.1317	157.845	65
18	31	Karam, Sage	D/C/F	00:02.1529	156.290	9
19	15	Rahal, Graham	D/H/F	00:02.1535	156.247	54
20	4	Leist, Matheus	D/C/F	00:02.1580	155.921	52
21	19	Ferrucci, Santino (R)	D/H/F	00:02.1604	155.748	41
22	98	Andretti, Marco	D/H/F	00:02.2239	151.301	37

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
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Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T4 to SF

Length: 0.130303 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:02.6652	176.006	3
2	2	Newgarden, Josef	D/C/F	00:02.6942	174.111	50
3	14	Kanaan, Tony	D/C/F	00:02.7048	173.429	9
4	9	Dixon, Scott	D/H/F	00:02.7055	173.384	6
5	20	Carpenter, Ed	D/C/F	00:02.7062	173.339	89
6	5	Hinchcliffe, James	D/H/F	00:02.7157	172.733	51
7	7	Ericsson, Marcus (R)	D/H/F	00:02.7244	172.181	64
8	21	Pigot, Spencer	D/C/F	00:02.7303	171.809	77
9	59	Daly, Conor	D/C/F	00:02.7320	171.702	61
10	28	Hunter-Reay, Ryan	D/H/F	00:02.7335	171.608	4
11	27	Rossi, Alexander	D/H/F	00:02.7350	171.514	5
12	12	Power, Will	D/C/F	00:02.7394	171.239	61
13	19	Ferrucci, Santino (R)	D/H/F	00:02.7551	170.263	41
14	88	Herta, Colton (R)	D/H/F	00:02.7560	170.207	47
15	18	Bourdais, Sebastien	D/H/F	00:02.7575	170.115	86
16	26	Veach, Zach	D/H/F	00:02.7576	170.108	5
17	4	Leist, Matheus	D/C/F	00:02.7587	170.041	53
18	31	Karam, Sage	D/C/F	00:02.7707	169.304	9
19	10	Rosenqvist, Felix (R)	D/H/F	00:02.7726	169.188	4
20	15	Rahal, Graham	D/H/F	00:02.7768	168.932	54
21	30	Sato, Takuma	D/H/F	00:02.7833	168.538	45
22	98	Andretti, Marco	D/H/F	00:02.8008	167.485	38

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
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Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T1 to T2

Length: 0.210227 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:04.4955	168.350	52
2	22	Pagenaud, Simon	D/C/F	00:04.5265	167.197	3
3	20	Carpenter, Ed	D/C/F	00:04.5678	165.685	89
4	9	Dixon, Scott	D/H/F	00:04.5877	164.967	67
5	7	Ericsson, Marcus (R)	D/H/F	00:04.6175	163.902	8
6	59	Daly, Conor	D/C/F	00:04.6444	162.953	61
7	88	Herta, Colton (R)	D/H/F	00:04.6533	162.641	48
8	12	Power, Will	D/C/F	00:04.6633	162.292	4
9	28	Hunter-Reay, Ryan	D/H/F	00:04.6782	161.776	5
10	27	Rossi, Alexander	D/H/F	00:04.7163	160.469	5
11	5	Hinchcliffe, James	D/H/F	00:04.7638	158.869	9
12	21	Pigot, Spencer	D/C/F	00:04.7712	158.622	77
13	98	Andretti, Marco	D/H/F	00:04.7719	158.599	38
14	18	Bourdais, Sebastien	D/H/F	00:04.7772	158.423	86
15	30	Sato, Takuma	D/H/F	00:04.7795	158.347	45
16	26	Veach, Zach	D/H/F	00:04.7802	158.324	56
17	14	Kanaan, Tony	D/C/F	00:04.7864	158.118	54
18	15	Rahal, Graham	D/H/F	00:04.7869	158.102	11
19	10	Rosenqvist, Felix (R)	D/H/F	00:04.8023	157.595	6
20	4	Leist, Matheus	D/C/F	00:04.8086	157.388	53
21	31	Karam, Sage	D/C/F	00:04.8114	157.297	59
22	19	Ferrucci, Santino (R)	D/H/F	00:04.9160	153.950	8

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

Event: Iowa 300**Track: Iowa Speedway****Round 12****0.894 mile(s)****Report: Top Section Times Report****NTT IndyCar Series****Session: Warmup****July 19, 2019****Section: T2 to T3****Length: 0.211174 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:04.3034	176.657	3
2	20	Carpenter, Ed	D/C/F	00:04.3268	175.702	89
3	2	Newgarden, Josef	D/C/F	00:04.3390	175.208	50
4	7	Ericsson, Marcus (R)	D/H/F	00:04.3479	174.849	8
5	9	Dixon, Scott	D/H/F	00:04.3494	174.789	67
6	88	Herta, Colton (R)	D/H/F	00:04.3568	174.492	47
7	28	Hunter-Reay, Ryan	D/H/F	00:04.3628	174.252	4
8	59	Daly, Conor	D/C/F	00:04.3713	173.913	61
9	27	Rossi, Alexander	D/H/F	00:04.3869	173.295	57
10	10	Rosenqvist, Felix (R)	D/H/F	00:04.3899	173.176	12
11	4	Leist, Matheus	D/C/F	00:04.3946	172.991	12
12	31	Karam, Sage	D/C/F	00:04.3964	172.920	59
13	5	Hinchcliffe, James	D/H/F	00:04.3990	172.818	48
14	14	Kanaan, Tony	D/C/F	00:04.3996	172.795	54
15	30	Sato, Takuma	D/H/F	00:04.4045	172.602	45
16	21	Pigot, Spencer	D/C/F	00:04.4048	172.591	78
17	12	Power, Will	D/C/F	00:04.4064	172.528	4
18	15	Rahal, Graham	D/H/F	00:04.4120	172.309	6
19	98	Andretti, Marco	D/H/F	00:04.4403	171.211	38
20	19	Ferrucci, Santino (R)	D/H/F	00:04.4470	170.953	8
21	18	Bourdais, Sebastien	D/H/F	00:04.4535	170.703	90
22	26	Veach, Zach	D/H/F	00:04.4654	170.248	5

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: T3 to T4

Length: 0.210322 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	22	Pagenaud, Simon	D/C/F	00:04.3656	173.438	3
2	2	Newgarden, Josef	D/C/F	00:04.3776	172.962	50
3	20	Carpenter, Ed	D/C/F	00:04.4293	170.943	89
4	9	Dixon, Scott	D/H/F	00:04.4890	168.670	67
5	59	Daly, Conor	D/C/F	00:04.4909	168.599	61
6	88	Herta, Colton (R)	D/H/F	00:04.5542	166.255	47
7	12	Power, Will	D/C/F	00:04.5577	166.127	65
8	5	Hinchcliffe, James	D/H/F	00:04.5633	165.924	54
9	7	Ericsson, Marcus (R)	D/H/F	00:04.5734	165.557	63
10	26	Veatch, Zach	D/H/F	00:04.5848	165.146	56
11	21	Pigot, Spencer	D/C/F	00:04.5857	165.113	77
12	18	Bourdais, Sebastien	D/H/F	00:04.5948	164.786	86
13	27	Rossi, Alexander	D/H/F	00:04.6020	164.528	5
14	15	Rahal, Graham	D/H/F	00:04.6158	164.036	54
15	14	Kanaan, Tony	D/C/F	00:04.6435	163.058	9
16	28	Hunter-Reay, Ryan	D/H/F	00:04.6442	163.033	60
17	30	Sato, Takuma	D/H/F	00:04.6451	163.002	5
18	4	Leist, Matheus	D/C/F	00:04.6872	161.538	53
19	10	Rosenqvist, Felix (R)	D/H/F	00:04.6901	161.438	13
20	31	Karam, Sage	D/C/F	00:04.7440	159.604	9
21	19	Ferrucci, Santino (R)	D/H/F	00:04.7814	158.355	7
22	98	Andretti, Marco	D/H/F	00:04.7932	157.965	38

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

Event: Iowa 300**Track: Iowa Speedway****Round 12****0.894 mile(s)****Report: Top Section Times Report****NTT IndyCar Series****Session: Warmup****July 19, 2019****Section: PI to SFP****Length: 0.104545 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	98	Andretti, Marco	D/H/F	00:07.4904	50.246	64
2	18	Bourdais, Sebastien	D/H/F	00:07.5381	49.928	118
3	30	Sato, Takuma	D/H/F	00:07.5440	49.889	42
4	20	Carpenter, Ed	D/C/F	00:07.5503	49.848	122
5	28	Hunter-Reay, Ryan	D/H/F	00:07.5551	49.816	27
6	9	Dixon, Scott	D/H/F	00:07.5568	49.805	60
7	21	Pigot, Spencer	D/C/F	00:07.5697	49.720	20
8	22	Pagnaud, Simon	D/C/F	00:07.5760	49.678	38
9	27	Rossi, Alexander	D/H/F	00:07.5761	49.678	40
10	2	Newgarden, Josef	D/C/F	00:07.5782	49.664	104
11	10	Rosenqvist, Felix (R)	D/H/F	00:07.5796	49.655	8
12	15	Rahal, Graham	D/H/F	00:07.7101	48.814	2
13	59	Daly, Conor	D/C/F	00:07.8779	47.775	2
14	19	Ferrucci, Santino (R)	D/H/F	00:14.9116	25.240	66
15	12	Power, Will	D/C/F	00:17.4862	21.523	110
16	26	Veach, Zach	D/H/F	00:18.1089	20.783	2
17	5	Hinchcliffe, James	D/H/F	00:18.3932	20.462	3
18	7	Ericsson, Marcus (R)	D/H/F	00:18.7729	20.048	1
19	88	Herta, Colton (R)	D/H/F	00:20.0029	18.815	0
20	4	Leist, Matheus	D/C/F	00:20.1271	18.699	1
21	31	Karam, Sage	D/C/F	00:20.7036	18.179	5
22	14	Kanaan, Tony	D/C/F	00:21.5914	17.431	4

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

Event: Iowa 300**Track: Iowa Speedway****Report: Top Section Times Report****Session: Warmup****Round 12****0.894 mile(s)****NTT IndyCar Series****July 19, 2019****Section: SFP to PO****Length: 0.172064 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	88	Herta, Colton (R)	D/H/F	00:12.3459	50.173	2
2	31	Karam, Sage	D/C/F	00:12.6066	49.136	6
3	26	Veatch, Zach	D/H/F	00:12.6465	48.980	70
4	19	Ferrucci, Santino (R)	D/H/F	00:12.6625	48.919	67
5	14	Kanaan, Tony	D/C/F	00:12.6674	48.900	56
6	12	Power, Will	D/C/F	00:12.6805	48.849	111
7	7	Ericsson, Marcus (R)	D/H/F	00:12.7068	48.748	6
8	4	Leist, Matheus	D/C/F	00:12.7395	48.623	1
9	5	Hinchcliffe, James	D/H/F	00:12.7519	48.576	4
10	28	Hunter-Reay, Ryan	D/H/F	00:19.4934	31.776	17
11	27	Rossi, Alexander	D/H/F	00:20.1151	30.794	50
12	2	Newgarden, Josef	D/C/F	00:20.5336	30.167	57
13	20	Carpenter, Ed	D/C/F	00:22.8169	27.148	10
14	30	Sato, Takuma	D/H/F	00:22.9497	26.991	4
15	59	Daly, Conor	D/C/F	00:23.2280	26.667	1
16	15	Rahal, Graham	D/H/F	00:23.3682	26.507	3
17	10	Rosenqvist, Felix (R)	D/H/F	00:23.6701	26.169	3
18	21	Pigot, Spencer	D/C/F	00:23.8620	25.959	2
19	18	Bourdais, Sebastien	D/H/F	00:24.3296	25.460	2
20	9	Dixon, Scott	D/H/F	00:24.5858	25.195	1
21	98	Andretti, Marco	D/H/F	00:24.9292	24.848	2
22	22	Pagenaud, Simon	D/C/F	01:50.4130	5.610	1

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: PIC to PI

Length: 0.241288 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	31	Karam, Sage	D/C/F	00:09.3382	93.020	5
2	28	Hunter-Reay, Ryan	D/H/F	00:09.4448	91.970	2
3	2	Newgarden, Josef	D/C/F	00:09.4452	91.966	56
4	12	Power, Will	D/C/F	00:09.4900	91.532	112
5	15	Rahal, Graham	D/H/F	00:09.5101	91.338	2
6	59	Daly, Conor	D/C/F	00:09.5391	91.061	2
7	30	Sato, Takuma	D/H/F	00:09.5978	90.504	3
8	7	Ericsson, Marcus (R)	D/H/F	00:09.6044	90.442	3
9	19	Ferrucci, Santino (R)	D/H/F	00:09.6592	89.928	3
10	9	Dixon, Scott	D/H/F	00:09.7425	89.159	2
11	5	Hinchcliffe, James	D/H/F	00:09.8124	88.524	3
12	27	Rossi, Alexander	D/H/F	00:09.8314	88.353	2
13	14	Kanaan, Tony	D/C/F	00:09.9526	87.277	2
14	21	Pigot, Spencer	D/C/F	00:10.0949	86.047	28
15	20	Carpenter, Ed	D/C/F	00:10.2380	84.844	9
16	26	Veach, Zach	D/H/F	00:10.2823	84.479	2
17	18	Bourdais, Sebastien	D/H/F	00:10.3185	84.182	16
18	10	Rosenqvist, Felix (R)	D/H/F	00:10.3256	84.125	2
19	4	Leist, Matheus	D/C/F	00:10.4770	82.909	2
20	98	Andretti, Marco	D/H/F	00:10.7457	80.836	1
21	22	Pagenaud, Simon	D/C/F	00:10.9615	79.244	84
22	88	Herta, Colton (R)	D/H/F	00:11.0472	78.630	1

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: PI to PO

Length: 0.276610 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	28	Hunter-Reay, Ryan	D/H/F	00:27.0563	36.805	16
2	19	Ferrucci, Santino (R)	D/H/F	00:27.5741	36.113	66
3	27	Rossi, Alexander	D/H/F	00:27.6922	35.959	49
4	2	Newgarden, Josef	D/C/F	00:28.1723	35.347	56
5	12	Power, Will	D/C/F	00:30.1667	33.010	110
6	20	Carpenter, Ed	D/C/F	00:30.3872	32.770	9
7	30	Sato, Takuma	D/H/F	00:30.5299	32.617	3
8	26	Veatch, Zach	D/H/F	00:30.7775	32.355	2
9	15	Rahal, Graham	D/H/F	00:31.0783	32.042	2
10	5	Hinchcliffe, James	D/H/F	00:31.1451	31.973	3
11	10	Rosenqvist, Felix (R)	D/H/F	00:31.2597	31.856	2
12	59	Daly, Conor	D/C/F	00:31.3460	31.768	0
13	21	Pigot, Spencer	D/C/F	00:31.4492	31.664	1
14	7	Ericsson, Marcus (R)	D/H/F	00:31.5472	31.565	1
15	18	Bourdais, Sebastien	D/H/F	00:31.8953	31.221	1
16	9	Dixon, Scott	D/H/F	00:32.1631	30.961	0
17	98	Andretti, Marco	D/H/F	00:32.4750	30.663	1
18	88	Herta, Colton (R)	D/H/F	00:32.7322	30.423	0
19	4	Leist, Matheus	D/C/F	00:32.8856	30.281	1
20	31	Karam, Sage	D/C/F	00:33.3102	29.895	5
21	14	Kanaan, Tony	D/C/F	00:34.3725	28.971	4
22	22	Pagnaud, Simon	D/C/F	01:58.2830	8.419	0

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: PO to SF **Length: 0.715262 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:18.2287	141.258	3
2	27	Rossi, Alexander	D/H/F	00:18.6395	138.144	8
3	28	Hunter-Reay, Ryan	D/H/F	00:18.7335	137.451	3
4	12	Power, Will	D/C/F	00:18.7748	137.149	2
5	20	Carpenter, Ed	D/C/F	00:18.8029	136.944	11
6	7	Ericsson, Marcus (R)	D/H/F	00:18.8429	136.653	60
7	22	Pagnaud, Simon	D/C/F	00:18.8915	136.302	1
8	30	Sato, Takuma	D/H/F	00:18.8933	136.289	2
9	9	Dixon, Scott	D/H/F	00:18.9187	136.106	22
10	26	Veatch, Zach	D/H/F	00:18.9678	135.753	3
11	19	Ferrucci, Santino (R)	D/H/F	00:19.1874	134.200	10
12	5	Hinchcliffe, James	D/H/F	00:19.1902	134.180	4
13	59	Daly, Conor	D/C/F	00:19.2030	134.091	82
14	18	Bourdais, Sebastien	D/H/F	00:19.2163	133.998	17
15	21	Pigot, Spencer	D/C/F	00:19.4333	132.502	75
16	98	Andretti, Marco	D/H/F	00:19.4633	132.297	36
17	88	Herta, Colton (R)	D/H/F	00:19.4764	132.208	7
18	14	Kanaan, Tony	D/C/F	00:19.5011	132.041	7
19	4	Leist, Matheus	D/C/F	00:19.5857	131.471	8
20	15	Rahal, Graham	D/H/F	00:19.5910	131.435	9
21	31	Karam, Sage	D/C/F	00:19.6671	130.926	4
22	10	Rosenqvist, Felix (R)	D/H/F	00:19.9692	128.946	9

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: SF to PI

Length: 0.789110 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	88	Herta, Colton (R)	D/H/F	00:20.7919	136.630	6
2	2	Newgarden, Josef	D/C/F	00:20.9403	135.662	56
3	31	Karam, Sage	D/C/F	00:21.0516	134.944	5
4	27	Rossi, Alexander	D/H/F	00:21.2110	133.930	35
5	12	Power, Will	D/C/F	00:21.5497	131.825	36
6	28	Hunter-Reay, Ryan	D/H/F	00:21.5849	131.610	2
7	14	Kanaan, Tony	D/C/F	00:21.6952	130.941	55
8	30	Sato, Takuma	D/H/F	00:21.7292	130.736	3
9	9	Dixon, Scott	D/H/F	00:21.7495	130.614	2
10	7	Ericsson, Marcus (R)	D/H/F	00:21.9755	129.271	22
11	59	Daly, Conor	D/C/F	00:21.9989	129.134	2
12	15	Rahal, Graham	D/H/F	00:22.0312	128.944	2
13	19	Ferrucci, Santino (R)	D/H/F	00:22.0778	128.672	72
14	21	Pigot, Spencer	D/C/F	00:22.2174	127.864	17
15	22	Pagnaud, Simon	D/C/F	00:22.4227	126.693	0
16	5	Hinchcliffe, James	D/H/F	00:22.4579	126.494	5
17	20	Carpenter, Ed	D/C/F	00:22.5188	126.152	9
18	18	Bourdais, Sebastien	D/H/F	00:22.5208	126.141	16
19	26	Veach, Zach	D/H/F	00:22.9070	124.014	2
20	10	Rosenqvist, Felix (R)	D/H/F	00:23.0767	123.102	80
21	98	Andretti, Marco	D/H/F	00:23.4235	121.280	13
22	4	Leist, Matheus	D/C/F	00:24.9838	113.705	20

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: PO to BS **Length: 0.249242 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:08.2290	109.038	3
2	28	Hunter-Reay, Ryan	D/H/F	00:08.3416	107.566	3
3	27	Rossi, Alexander	D/H/F	00:08.3948	106.884	50
4	7	Ericsson, Marcus (R)	D/H/F	00:08.4605	106.054	60
5	30	Sato, Takuma	D/H/F	00:08.5432	105.028	2
6	19	Ferrucci, Santino (R)	D/H/F	00:08.5963	104.379	2
7	22	Pagnaud, Simon	D/C/F	00:08.6212	104.077	1
8	9	Dixon, Scott	D/H/F	00:08.6691	103.502	22
9	59	Daly, Conor	D/C/F	00:08.6780	103.396	82
10	26	Veatch, Zach	D/H/F	00:08.6855	103.307	3
11	5	Hinchcliffe, James	D/H/F	00:08.6894	103.261	45
12	20	Carpenter, Ed	D/C/F	00:08.7215	102.881	11
13	18	Bourdais, Sebastien	D/H/F	00:08.7298	102.783	30
14	12	Power, Will	D/C/F	00:08.8037	101.920	2
15	15	Rahal, Graham	D/H/F	00:08.8200	101.732	1
16	31	Karam, Sage	D/C/F	00:08.8749	101.102	4
17	10	Rosenqvist, Felix (R)	D/H/F	00:08.9301	100.477	1
18	4	Leist, Matheus	D/C/F	00:08.9383	100.385	46
19	4	Leist, Matheus	D/C/F	00:08.9383	100.385	8
20	98	Andretti, Marco	D/H/F	00:08.9513	100.239	36
21	14	Kanaan, Tony	D/C/F	00:08.9727	100.000	49
22	21	Pigot, Spencer	D/C/F	00:09.0527	99.117	21
23	88	Herta, Colton (R)	D/H/F	00:09.0982	98.621	35

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

Event: Iowa 300**Track: Iowa Speedway****Report: Top Section Times Report****Session: Warmup****Round 12****0.894 mile(s)****NTT IndyCar Series****July 19, 2019****Section: BS to PI****Length: 0.316004 mile(s)**

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	31	Karam, Sage	D/C/F	00:10.9130	104.244	5
2	88	Herta, Colton (R)	D/H/F	00:10.9966	103.451	6
3	27	Rossi, Alexander	D/H/F	00:11.0126	103.301	35
4	28	Hunter-Reay, Ryan	D/H/F	00:11.0591	102.867	2
5	2	Newgarden, Josef	D/C/F	00:11.0985	102.502	56
6	59	Daly, Conor	D/C/F	00:11.2200	101.392	2
7	12	Power, Will	D/C/F	00:11.2655	100.982	112
8	30	Sato, Takuma	D/H/F	00:11.2864	100.795	3
9	15	Rahal, Graham	D/H/F	00:11.2900	100.763	2
10	7	Ericsson, Marcus (R)	D/H/F	00:11.3934	99.848	3
11	19	Ferrucci, Santino (R)	D/H/F	00:11.4240	99.581	3
12	9	Dixon, Scott	D/H/F	00:11.5334	98.636	2
13	5	Hinchcliffe, James	D/H/F	00:11.6152	97.942	3
14	14	Kanaan, Tony	D/C/F	00:11.7289	96.992	55
15	21	Pigot, Spencer	D/C/F	00:11.8529	95.978	17
16	20	Carpenter, Ed	D/C/F	00:12.0429	94.463	9
17	18	Bourdais, Sebastien	D/H/F	00:12.1270	93.808	16
18	26	Veach, Zach	D/H/F	00:12.1684	93.489	2
19	22	Pagnaud, Simon	D/C/F	00:12.2603	92.788	0
20	10	Rosenqvist, Felix (R)	D/H/F	00:12.3054	92.448	2
21	98	Andretti, Marco	D/H/F	00:12.4115	91.658	64
22	4	Leist, Matheus	D/C/F	00:12.4292	91.528	26

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: PO to PI

Length: 0.565246 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	27	Rossi, Alexander	D/H/F	00:20.7830	97.911	0
2	4	Leist, Matheus	D/C/F	00:21.5415	94.464	2
3	18	Bourdais, Sebastien	D/H/F	00:21.9814	92.573	1
4	30	Sato, Takuma	D/H/F	00:22.0805	92.158	0
5	88	Herta, Colton (R)	D/H/F	00:22.1234	91.979	1
6	98	Andretti, Marco	D/H/F	00:22.2963	91.266	0
7	26	Veatch, Zach	D/H/F	00:22.4534	90.627	0
8	21	Pigot, Spencer	D/C/F	00:23.0193	88.399	1
9	7	Ericsson, Marcus (R)	D/H/F	00:23.4989	86.595	23
10	14	Kanaan, Tony	D/C/F	00:24.5400	82.921	0
11	20	Carpenter, Ed	D/C/F	00:25.8784	78.633	10
12	31	Karam, Sage	D/C/F	00:26.1193	77.907	6
13	2	Newgarden, Josef	D/C/F	00:40.3997	50.369	1
14	9	Dixon, Scott	D/H/F	00:40.9379	49.707	1
15	28	Hunter-Reay, Ryan	D/H/F	00:40.9932	49.640	1
16	19	Ferrucci, Santino (R)	D/H/F	00:41.5250	49.004	2
17	5	Hinchcliffe, James	D/H/F	00:41.6481	48.859	4
18	15	Rahal, Graham	D/H/F	00:41.9490	48.509	1
19	59	Daly, Conor	D/C/F	00:42.0341	48.410	1
20	12	Power, Will	D/C/F	00:42.2507	48.162	0
21	22	Pagenaud, Simon	D/C/F	00:42.6569	47.704	0
22	10	Rosenqvist, Felix (R)	D/H/F	00:43.4327	46.851	1

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

Event: Iowa 300
Track: Iowa Speedway

Round 12
0.894 mile(s)



Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019

Section: SF to TB

Length: 0.198106 mile(s)

Rank	Car	Driver	C/E/T	Time	Speed	Lap
1	2	Newgarden, Josef	D/C/F	00:03.9307	181.439	51
2	22	Pagenaud, Simon	D/C/F	00:03.9589	180.146	3
3	20	Carpenter, Ed	D/C/F	00:03.9920	178.653	90
4	28	Hunter-Reay, Ryan	D/H/F	00:04.0014	178.233	5
5	21	Pigot, Spencer	D/C/F	00:04.0082	177.931	77
6	7	Ericsson, Marcus (R)	D/H/F	00:04.0129	177.722	39
7	9	Dixon, Scott	D/H/F	00:04.0146	177.647	67
8	12	Power, Will	D/C/F	00:04.0187	177.466	70
9	27	Rossi, Alexander	D/H/F	00:04.0264	177.126	71
10	26	Veatch, Zach	D/H/F	00:04.0320	176.880	56
11	14	Kanaan, Tony	D/C/F	00:04.0383	176.604	62
12	88	Herta, Colton (R)	D/H/F	00:04.0440	176.356	48
13	30	Sato, Takuma	D/H/F	00:04.0469	176.229	10
14	15	Rahal, Graham	D/H/F	00:04.0509	176.055	63
15	59	Daly, Conor	D/C/F	00:04.0511	176.046	62
16	5	Hinchcliffe, James	D/H/F	00:04.0529	175.968	55
17	4	Leist, Matheus	D/C/F	00:04.0541	175.916	12
18	18	Bourdais, Sebastien	D/H/F	00:04.0619	175.578	33
19	10	Rosenqvist, Felix (R)	D/H/F	00:04.0653	175.432	14
20	98	Andretti, Marco	D/H/F	00:04.0819	174.718	38
21	31	Karam, Sage	D/C/F	00:04.0831	174.667	24
22	19	Ferrucci, Santino (R)	D/H/F	00:04.1311	172.637	8

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

Event: Iowa 300
Track: Iowa Speedway

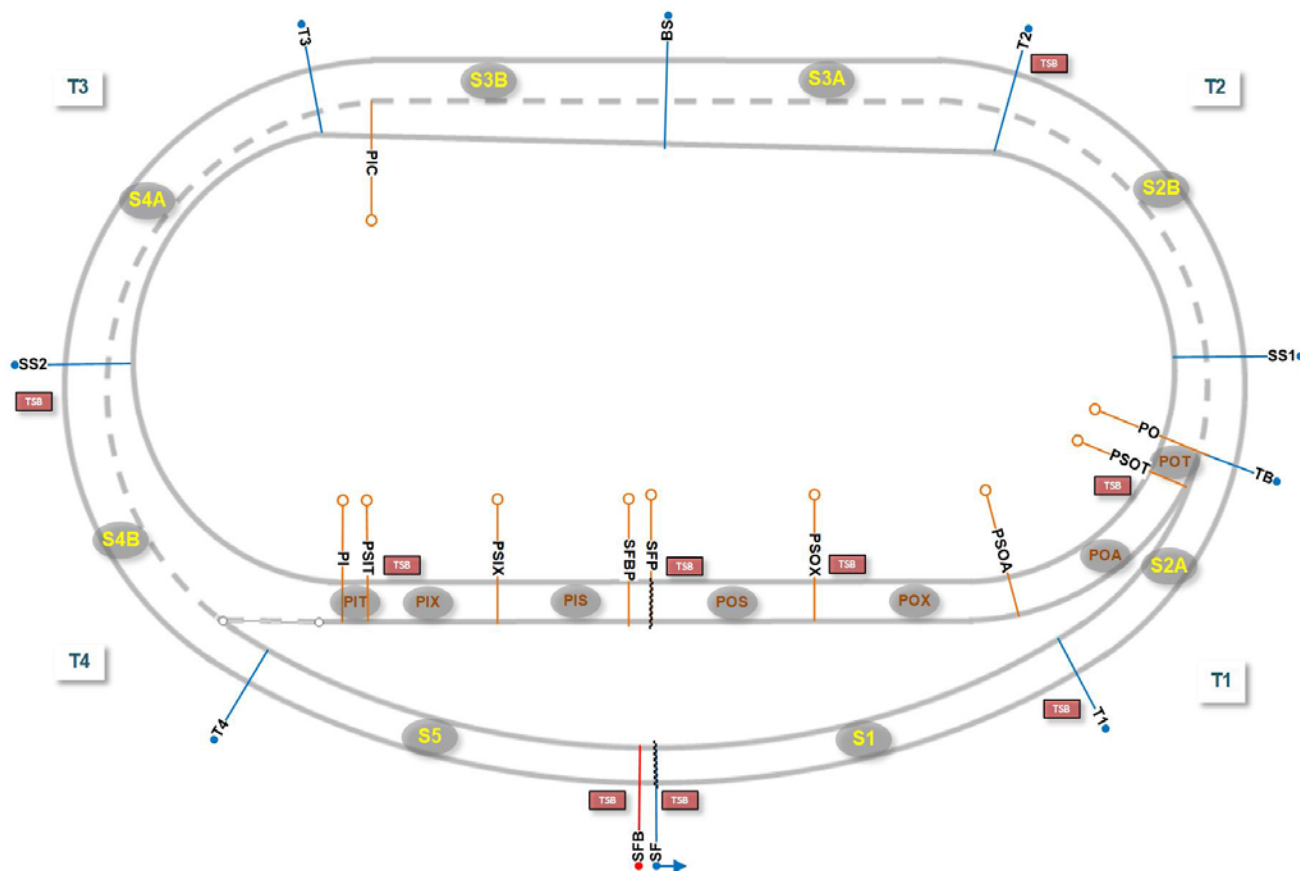
Round 12
0.894 mile(s)

Report: Top Section Times Report
Session: Warmup

NTT IndyCar Series
July 19, 2019



Track Map



Legend: T - Turn TS - Track Segment PS - Pit Segment - Base Station

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