Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

TAG July 20, 2019 INDYCAR

Section Data for Car 10 - Rosenqvist, Felix (R)

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
1	Т	7.9052	11.6819	5.1013	4.9079	5.5598	5.1491	4.8346	4.0260	4.4119	41.8958		33.2001	
*	S	59.943	61.050	66.761	84.812	68.307	73.888	87.015	83.576	106.324	76.819		77.558	
	Т	4.1776	6.3511	3.0575	3.4285	3.2260	3.3186	3.5675	2.6999	3.0557	26.5313			
2	S	113.430	112.293	111.388	121.409	117.722	114.643	117.921	124.626	153.513	121.306			
3	Т	2.9295	4.7451	2.5989	3.0516	2.4526	2.3337	2.8895	2.3486	2.8865	21.4909			
_ 3	S	161.756	150.299	131.043	136.404	154.845	163.026	145.590	143.267	162.512	149.756			
4	T	2.8671	4.5067	2.3554	2.8150	2.3179	2.2546	2.7834	2.3290	2.8605	20.5829			
4	S	165.276	158.249	144.590	147.869	163.843	168.746	151.140	144.473	163.989	156.363			
5	T	2.7458	4.3637	2.3210	2.9347	2.4386	2.2846	2.7394	2.1418	2.7592	20.3651			
	S	172.578	163.435	146.733	141.837	155.734	166.530	153.567	157.100	170.010	158.035			
6	Т	2.7326	4.3290	2.2924	2.7844	2.3108	2.1822	2.6533	2.1611	2.7462	19.8630			
6	S	173.411	164.745	148.564	149.494	164.347	174.344	158.550	155.697	170.815	162.030			
7	T	2.6895	4.2171	2.1874	2.6520	2.2191	2.1451	2.6093	2.3082	2.9428	19.7534			
	S	176.190	169.117	155.695	156.957	171.138	177.360	161.224	145.775	159.403	162.929			
	Т	2.7505	4.2744	2.1793	2.6092	2.1790	2.0914	2.5258	2.1505	2.7482	19.2339			
8	S	172.283	166.850	156.274	159.532	174.288	181.914	166.554	156.465	170.690	167.330			
9	T	2.7677	4.3198	2.2208	2.7190	2.2790	2.2128	2.6763	2.1784	2.7797	19.8337			
9	S	171.212	165.096	153.354	153.089	166.640	171.934	157.188	154.461	168.756	162.269			
10	T	2.6772	4.1786	2.1618	2.6842	2.2626	2.1735	2.6339	2.1345	2.7551	19.4828			
10	S	177.000	170.675	157.539	155.074	167.848	175.042	159.718	157.638	170.263	165.192			
11	T	2.6582	4.1371	2.1427	2.6352	2.2385	2.1473	2.5816	2.1229	2.7571	19.2835			
	S	178.265	172.387	158.943	157.958	169.655	177.178	162.954	158.499	170.139	166.899			
12	T	2.6705	4.1699		2.6214	2.2317	2.1322	2.5615	2.1785	2.8061	19.3606			
12	S	177.444	171.031	157.765	158.789		178.433	164.233	154.454	167.168	166.235			
13	LT	2.6477	4.1065		2.6680		2.1819		2.1633	2.7737	19.4803			
	S	178.972	173.671	160.843	156.016		174.368			169.121	165.213			
14	T	2.6689			2.5991	2.2443	2.1524		2.1555	2.7749	19.4094			
	S	177.550			160.152		176.758		156.102	169.048	165.817			
15	工	2.6441					2.2091			4.0301	21.0245			
	S	179.215			150.352	164.042	172.222		148.542	116.397	153.079			
16	工	3.8098		2.7870	3.3635	2.7822	2.9210		2.7626	4.0671	25.9215			
	S	124.380	123.484	122.199	123.755	136.501	130.248		121.797	115.338	124.159			
17	T	4.1860		3.2738	3.7049	3.0472	3.0560		2.8964	3.5833	27.3677			
	S	113.202	109.744	104.028	112.351	124.630	124.494		116.171	130.910	117.598			
18	工	3.7355		3.0446	4.2731	4.6260	5.2765		4.3628	6.8708	37.5147			
	S	126.854		111.860	97.412	82.095	72.104		77.124	68.273	85.790			
19	T	6.4920	9.6431	4.3368	5.1398	4.9298	4.4001	4.4819			43.6282	57.9294		35.9176
	S	72.992	73.958	78.530	80.986	77.036	86.465	93.862			73.769	17.190		79.092

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т						4.1695	5.3024	4.0577	5.4845	78.7138		28.4950	
20	S						91.247	79.338	82.923	85.530	40.887		90.365	
21	Т	4.9710	7.6590	3.8843	5.3634	4.9771	5.5342	4.4806	3.4606	5.9956	38.6668			
	S	95.326	93.117	87.678	77.609	76.304	68.746	93.890	97.231	78.239	83.234			
22	Т	7.0343	10.1034	4.1884	4.3388	4.4169	5.1097	4.5488	3.8418	5.8401	39.3188			
	S	67.365	70.588	81.312	95.937	85.982	74.457	92.482	87.583	80.322	81.854			
23	Т	4.6841	6.8167	3.0412	4.0876	3.2636	2.5898	2.7507	2.1947	2.7786	25.3903			
23	S	101.164	104.623	111.985	101.832	116.366	146.905	152.936	153.314	168.823	126.757			
24	Т	2.7693	4.3201	2.2071	2.6430	2.2389	2.1477	2.5819	2.1808	2.8090	19.5777			
24	S	171.113	165.085	154.306	157.491	169.625	177.145	162.935	154.291	166.996	164.391			
25	Т	2.7805	4.3470	2.2279	2.5885	2.2051	2.1365	2.5908	2.1403	2.7479	19.4175			
25	S	170.424	164.063	152.865	160.807	172.225	178.074	162.375	157.210	170.709	165.747			
26	Т	2.6599	4.1664	2.1660	2.6787	2.2471	2.1644	2.6692	2.1741	2.7746	19.5340			
20	S	178.151	171.175	157.234	155.393	169.006	175.778	157.606	154.766	169.066	164.759			
27	Т	2.6852	4.1781	2.1607	2.6975	2.2678	2.1697	2.6445	2.1490	2.7541	19.5285			
	S	176.472	170.695	157.619	154.310	167.463	175.349	159.078	156.574	170.325	164.805			
28	Т	2.7136	4.3587	2.3798	2.8439	2.3320	2.2058	2.6528	2.1229	2.7464	19.9972			
20	S	174.625	163.623	143.108	146.366	162.853	172.479	158.580	158.499	170.802	160.943			
29	T	2.6907	4.2425	2.2122	2.6393	2.2321	2.1301	2.5778	2.2036	2.7895	19.4753			
29	S	176.112	168.104	153.950	157.712	170.141	178.609	163.194	152.694	168.163	165.255			
30	Т	2.7003	4.2360	2.2181	2.6697	2.2507	2.1662	2.6695	2.2392	2.8140	19.7277			
30	S	175.486	168.362	153.540	155.916	168.735	175.632	157.588	150.267	166.699	163.141			
31	Т	2.7152	4.2265	2.1962	2.8100	2.3279	2.2246	2.6992	2.1614	2.7668	19.9013			
	S	174.523	168.741	155.072	148.132	163.140	171.022	155.854	155.676	169.543	161.718			
32	Т	2.6786	4.1708	2.1418	2.6887	2.2586	2.1731	2.6861	2.3533	2.8624	19.8426			
J2	S	176.907	170.994	159.010	154.815	168.145	175.075	156.614	142.981	163.880	162.196			
33	I	2.7537	4.3096	2.2507	2.7702	2.3118	2.2219	2.7545	2.3406	2.8868	20.2902			
	S	172.083	165.487	151.317	150.260	164.276	171.229	152.725	143.757	162.495	158.618		ļ	
34	T	2.7943	4.3770	2.2691	2.7247	2.2772	2.1799	2.6673	2.2587	2.8390	20.0102		Ļ	
<u></u>	S	169.582	162.939	150.090	152.769	166.772	174.528	157.718	148.969	165.231	160.838		ļ	ldot
35	I	2.7816	4.3481	2.2425	2.7952	2.3080	2.1884	2.6887	2.2496	2.8442	20.0982		<u> </u>	lacksquare
	S	170.356	164.021	151.870	148.916	164.546	173.851	156.463	149.572	164.929	160.134			lacksquare
36	I	2.7540	4.3084	2.2393	2.7370	2.2862	2.1893	2.6824	2.2036	2.7935	19.8853			lacksquare
	S	172.064	165.533	152.087	152.083	166.115	173.779	156.830	152.694	167.922	161.848		<u> </u>	<u> </u>
37	ᄑ	2.7138	4.2494	2.2122	2.7249		2.1977	2.7038		2.8388	19.9290			
	S	174.613	167.831	153.950	152.758	166.159	173.115	155.589	149.399	165.243	161.493		<u> </u>	
38	T	2.7351	4.2899	2.2410	2.7713		2.1796	2.6952	2.3008	2.8594	20.0628			
	S	173.253	166.247	151.972	150.200	166.538	174.552	156.086	146.244	164.052	160.416			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

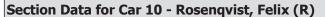
Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.7268	4.2694	2.2033	2.6792	2.2484	2.1752	2.6795	2.2990	2.8557	19.8671			
39	S	173.780	167.045	154.572	155.364	168.908	174.906				161.996			
40	Т	2.6803	4.1726	2.1476	2.7307	2.2862	2.1801	2.6805	2.3089	2.8739	19.8882			
40	S	176.795	170.920	158.581	152.433	166.115	174.512	156.942	145.731	163.225	161.825			
44	T	2.7743	4.3532	2.2633	2.7359	2.2964	2.2169	2.7422	2.2989	2.8595	20.1874			
41	S	170.805	163.829	150.474	152.144	165.377	171.616	153.410	146.364	164.046	159.426			
42	Т	2.7328	4.2580	2.2072	2.8200	2.3361	2.2610	2.7814	2.2677	2.8417	20.2479			
42	S	173.399	167.492	154.299	147.606	162.567	168.268	151.248	148.378	165.074	158.950			
43	T	2.7560	4.3185	2.2305	2.6732	2.2627	2.2161	2.6933	2.2833	2.8561	19.9712			
43	S	171.939	165.146	152.687	155.712	167.841	171.678	156.196	147.364	164.242	161.152			
44	Т	2.7796	4.3520	2.2349	2.6664	2.2679	2.1985	2.7164	2.2209	2.8404	19.9250			
44	S	170.479	163.874	152.386	156.109	167.456	173.052	154.867	151.505	165.150	161.526			
45	T	2.7191	4.2587	2.2114		2.2625	2.1878			2.9081	20.0156			
45	S	174.272	167.465	154.006	155.654	167.855	173.898			161.305	160.795			
46	Т	2.7302	4.2666	2.2098	2.7271	2.2959	2.1866	2.6747	2.2283	2.8325	19.8851			
40	S	173.564	167.155	154.117	152.635	165.413	173.994	157.282	151.002	165.610	161.850			
47	T	2.7113	4.2517	2.2221	2.7181	2.2713	2.2122	2.7200	2.2211	2.8035	19.8796			
,	S	174.774	167.740	153.264	153.140	167.205	171.980	154.662	151.491	167.323	161.895			
48	T	2.6802	4.1779	2.1512	2.6979	2.2798	2.1841	2.7047	2.4379	2.9399	20.0757			
	S	176.802	170.703	158.315	154.287	166.582	174.193	155.537	138.019	159.560	160.313			
49	T	2.7728	4.3432	2.2616	2.7811	2.3385	2.2367	2.7458	2.3004	3.1902	20.6271			
77	S	170.897	164.207	150.587	149.671	162.400	170.096			147.041	156.028			
50	T	3.5382	5.5767	2.9308	3.9433	3.4887	3.4913	3.7475		4.0546	28.3835			
	S	133.928	127.886	116.203	105.559	108.858	108.972	112.257		115.694	113.390			
51	I	4.2205	6.4981	3.2263	3.8532	3.1018	3.2112	3.9317	3.3389	4.4390	29.3226			
	S	112.277	109.752	105.560	108.027	122.436	118.477	106.997	100.775	105.675	109.758			
52	T	5.1351	7.5987	3.5651	4.8107	5.5442	5.9868	5.9912		6.5497	41.7182			
J-	S	92.279	93.856	95.528	86.526	68.499	63.549	70.217		71.620	77.146			
53	Т	6.4859	9.6568	4.5973	5.7123	5.6090	5.2377	5.3604		6.6120	43.7716			
	S	73.061	73.853	74.080	72.869	67.708	72.638	78.480		70.945	73.527			
54	Т	6.1357	9.7981	5.1627	6.8524	6.0053	5.8676				72.5660			52.4932
J-	S	77.231	72.788	65.967	60.745	63.240	64.840				44.351	0.604		54.117
55	Т						3.8758	3.9059		4.7271	1652.9465		25.6251	
	S						98.162	107.704		99.234	1.947		100.485	
56	Т	5.3563	8.2266	4.0866	4.5819	4.3036	4.4407	5.0692		5.7667	37.9361			
	S	88.468	86.692	83.338	90.847	88.245	85.674			81.345	84.837			
57	Т	4.7214	6.8649	2.9756	3.4289	3.8991	3.9705			4.0497	31.9570			
	S	100.365	103.888	114.454	121.395	97.400	95.820	96.286	74.070	115.833	100.710			

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NTT IndyCar Series

July 20, 2019 NDYCAR

TAG



Race

Report:

Session:

Lap	T/S ^S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	3.4393	5.4361	2.8972	4.4414	4.5378	5.0483	5.7663	4.6629	6.3721	37.1653			
56	S	137.779	131.194	117.551	93.720	83.691	75.363	72.955	72.161	73.616	86.597			
59	Т	6.0229	9.2285	4.4996	4.5164	3.1371	2.8403	3.2652	2.8117	3.4333	30.5265			
59	S	78.677	77.280	75.689	92.164	121.059	133.949	128.838	119.670	136.630	105.430			
60	Т	3.1965	4.9827	2.5543	3.2047	2.6513	2.5934	3.0384	2.7853	4.2655	24.2894			
60	S	148.245	143.132	133.331	129.887	143.240	146.701	138.455	120.805	109.973	132.502			
C1	Т	8.5940	10.9667	3.2880	3.9605	5.3954	6.9068	5.6027			47.2563	30.8388		39.7078
61	S	55.139	65.032	103.579	105.100	70.388	55.084	75.086			68.105	32.290		71.543
62	Т						2.6032	3.0131	2.3628	2.9252	42.9885		19.6982	
02	S						146.149	139.618	142.406	160.362	74.867		130.720	
63	Т	3.0399	4.7178	2.3752	2.8085	2.5726	3.6783	3.8458	4.2958	6.9665	29.5826			
03	S	155.881	151.168	143.385	148.211	147.622	103.432	109.387	78.327	67.335	108.794			
64	Т	7.9202	10.8564	4.0062	4.0172	4.1053	5.7587	4.3275	3.4623	5.2634	38.8608			
04	S	59.830	65.692	85.010	103.617	92.508	66.066	97.211	97.183	89.123	82.819			
65	Т	5.0856	7.0188	2.7016	3.1223	2.9927	3.1417	3.4208	2.3317	2.8676	25.6640			
05	S	93.178	101.610	126.062	133.315	126.900	121.098	122.978	144.306	163.583	125.405			
66	T	2.8113	4.4927	2.4275	2.9429	2.3856	2.2799	2.8754	2.3759	2.8628	20.9613			
00	S	168.557	158.742	140.296	141.442	159.194	166.873	146.304	141.621	163.857	153.540			
67	工	2.8712	4.5150	2.3512	2.7838	2.2719	2.2649	2.8421	2.3870	2.9110	20.6831			
07	S	165.040	157.958	144.849	149.526	167.161	167.979	148.018	140.962	161.144	155.605			
68	T	2.7991	4.3717	2.2424	2.7499	2.3018		2.7115		2.7623	19.9462			
	S	169.291	163.136	151.877	151.369		172.887	155.147	154.447	169.819	161.354			
69	ഥ	2.6731	4.1809	2.1735			2.1577	2.6707	2.2248		19.5389			
	S	177.271	170.581	156.691	157.736		176.324	157.517	151.239	169.267	164.718			
70	ഥ	2.6521	4.1568	2.1678	2.6385		2.1402	2.6800	2.1551	2.7639	19.4077			
/*	S	178.675	171.570	157.103	157.760			156.971	156.131	169.721	165.831			
71	I	2.6585	4.1524	2.1562	2.6218			2.6251	2.1725	2.8122	19.4109			
ļ	S	178.245	171.752	157.948	158.765		176.693	160.254	154.880	166.806	165.804			
72	ㅁ	2.6892	4.2127	2.1939	2.6522	2.2280		2.6204	2.1640	2.7922	19.4876			
	S	176.210	169.293	155.234	156.945		177.145		155.489	168.000	165.151			
73	T	2.6490	4.1271	2.1509	2.6682	2.2343	2.1397	2.6258		2.7877	19.4237			
<u> </u>	S	178.884	172.805	158.338	156.004		177.807	160.211	155.195	168.272	165.694			
74	ㅁ	2.6421	4.1263	2.1571	2.6625		2.1387	2.6289		2.7816	19.4067			
ļ	S	179.351	172.838	157.882	156.338		177.891	160.022	154.980	168.641	165.840			
75	ㅁ	2.6257	4.0828	2.1182	2.6531			2.6200		2.8418	19.4614			
	S	180.471	174.680	160.782	156.892	170.470		160.566	150.441	165.068	165.374			
76	LT	2.6597	4.1387	2.1544	2.6658					2.8015	19.4551			
	S	178.164	172.320	158.080	156.144	171.138	179.291	161.583	150.948	167.443	165.427			

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Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	T	2.6413	4.0925	2.1012	2.6446	2.2288	2.1442	2.6467	2.2550	2.8303	19.4921			
	S	179.405	174.266	162.083	157.396	170.393	177.434	158.946	149.214	165.739	165.113			
78	T	2.6599	4.1452	2.1485	2.7164	2.2634	2.1717	2.6783	2.2003	2.7608	19.5993			
	S	178.151	172.050	158.514	153.236	167.789	175.187	157.070	152.923	169.911	164.210			
79	T	2.6260	4.1010	2.1356	2.7213	2.2744	2.1757	2.7080	2.2264	2.7980	19.6654			
/9	S	180.451	173.904	159.472	152.960	166.977	174.865	155.348	151.131	167.652	163.658			
80	Т	2.6839	4.2069	2.2075	2.7489	2.2706	2.1625	2.6343	2.2772	2.8607	19.8456			
80	S	176.558	169.527	154.278	151.424	167.257	175.933	159.694	147.759	163.978	162.172			
81	T	2.7199	4.2671	2.2232	2.6997	2.2508	2.1727	2.6958	2.3163	2.9115	19.9899			
61	S	174.221	167.135	153.188	154.184	168.728	175.107	156.051	145.265	161.117	161.001			
82	T	2.7384	4.2912	2.2309	2.6955	2.2529	2.1585	2.6593	2.2591	2.8585	19.8531			
02	S	173.044	166.196	152.660	154.424	168.571	176.259	158.193	148.943	164.104	162.111			
83	Т	2.7183	4.2582	2.2268	2.8096	2.3203	2.2030	2.7078	2.2328	2.8279	20.0465			
63	S	174.324	167.484	152.941	148.153	163.674	172.698	155.359	150.697	165.880	160.547			
84	T	2.7039	4.2304	2.2089	2.7821	2.3026	2.1888	2.6880	2.2290	2.8213	19.9246			
04	S	175.252	168.585	154.180	149.617	164.932	173.819	156.504	150.954	166.268	161.529			
85	Т	2.6682	4.1641	2.1768	2.7786	2.2999	2.2034	2.7409	2.2305	2.7997	19.8980			
65	S	177.597	171.269	156.454	149.806	165.126	172.667	153.483	150.853	167.550	161.745			
86	T	2.6786	4.2078	2.2308	2.7724	2.2804	2.1868	2.6859	2.2235	2.8217	19.8801			
	S	176.907	169.490	152.666	150.141	166.538	173.978	156.626	151.328	166.244	161.891			
87	T	2.6886	4.2140	2.2027	2.7151	2.2761	2.1968	2.7242	2.2531	2.8252	19.8818			
67	S	176.249	169.241	154.614	153.309	166.852	173.186	154.424			161.877			
88	Т	2.6838	4.2155	2.2197	2.7454	2.2740	2.1742	2.7012	2.2524	2.8123	19.8630			
	S	176.564	169.181	153.430	151.617	167.006	174.986	155.739	149.386	166.800	162.030			
89	Т	2.6768	4.1778	2.1913	2.7972	2.3164	2.2035	2.7543	2.3188	2.8649	20.1232			
89	S	177.026	170.708	155.418	148.810	163.950	172.659	152.736	145.108	163.737	159.935			
90	Т	2.7466	4.2970	2.2439	2.7953	2.3234	2.2161	2.7469	2.3144	2.8949	20.2815			
	S	172.527	165.972		148.911	163.456	171.678	153.148	145.384	162.040	158.686			
91	T	2.7558			2.8075	2.3138	2.1972	2.7266	2.3609	2.9043	20.3367	•		
	S	171.951	164.654	149.990	148.264	164.134	173.154	154.288	142.521	161.516	158.256			
92	Т	2.7437	4.3102		2.7572	2.2806				2.8565	20.1069			
	S	172.710		150.394	150.968	166.523	173.352	-		164.219	160.064			
93	Т	2.7144	4.2655	2.2317	2.7187	2.2627	2.1716			2.8608	19.9571			
93	S	174.574	167.198	152.605	153.106	167.841	175.195	156.028	146.231	163.972	161.266			
94	T	2.7014	4.2270	2.2083	2.7586	2.2931	2.1881	2.7123	2.2831	2.8418	19.9867			
34	S	175.414	168.721	154.222	150.892	165.615	173.874	155.102	147.377	165.068	161.027			
95	Т	2.6787	4.1784	2.1818	2.7613	2.2971	2.1842	2.7055	2.2906	2.8447	19.9439			
95	S	176.901	170.683	156.095	150.744	165.327	174.185	155.491	146.895	164.900	161.373			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap P1	I to PO	PO to SF	SF to PI
	T	2.6985	4.2337	2.2176	2.7343	2.2787	2.1971	2.7250	2.2646	2.8360	19.9518			
96	S	175.603	168.454			166.662	173.162			165.406	161.309			
07	Т	2.6894	4.1999	2.1962	2.7760	2.3105	2.2081	2.7484	2.3122	2.8628	20.1036			
97	S	176.197	169.809	155.072	149.946	164.368	172.300	153.064	145.523	163.857	160.091			
98	Т	2.7019	4.2240	2.2110	2.8347	2.3298	2.2105	2.7659	2.2785	2.8427	20.1750			
90	S	175.382	168.840	154.034	146.841	163.007	172.112	152.096	147.675	165.016	159.524			
99	Т	2.7063	4.2318	2.2070	2.8189	2.3447	2.2080	2.7356	2.3313	2.9004	20.2522			
23	S	175.096	168.529	154.313	147.664	161.971	172.307	153.780	144.330	161.733	158.916			
100	Т	2.7722	4.3602	2.3056	2.8691	2.3602	2.2333	2.7907	2.3428	2.8903	20.5642			
100	S	170.934	163.566	147.713	145.080	160.907	170.355	150.744	143.622	162.298	156.505			
101	T	2.7108	4.2489	2.2284	2.7697	2.2887	2.2023	2.7736	2.3151	2.8604	20.1490			
101	S	174.806	167.851	152.831	150.287	165.934	172.753	151.674		163.995	159.730			
102	T	2.7376	4.2843	2.2277	2.7696	2.3335	2.2251	2.7575		2.8719	20.2329			
102	S	173.095	166.464	152.879	•	162.748	170.983	152.559		163.338	159.068			
103	I	2.7308	4.2835			2.3341	2.2318		-	2.8951	20.3678			
103	S	173.526	166.495	151.350	148.794	162.706	170.470			162.029	158.014			
104	工	2.7320	4.2867	2.2495		2.3648	2.2783			3.0811	21.1217			
	S	173.449	166.371	151.397	144.161	160.594	166.991	143.582		152.248	152.374			
105	ፗ	2.9176	4.6090		2.9304	2.3772	2.3289		+	2.9714	21.2787			
	S	162.416	154.737	139.549		159.756	163.362			157.869	151.250			
106	T	2.8074	4.4074			2.3227	2.2425			2.8609	20.5298			
100	S	168.791	161.815		147.842	163.505	169.656			163.966	156.767			
107	I	2.7023	4.2200			2.3391	2.2325			2.8592	20.3859			
	S	175.356	169.000	153.721	144.396	162.358	170.416	•	•	164.064	157.874			
108	ፗ	2.7602	4.3349			2.3454	2.2320		+	3.0660	20.7609			
	S	171.677	164.521	149.516		161.922	170.455	149.369		152.998	155.022			
109	I	2.7999	4.3799			2.4003	2.3289			2.9364	20.9843			1
	S	169.243	162.831	148.661	140.896	158.219	163.362			159.750	153.372			+
110	I	2.8504	4.4972	2.3858		2.3550	2.2669		+	2.9640	20.9917			+
	S	166.245	158.584			161.262	167.830	1		158.263	153.318			+
111	I	2.8431	4.4609			2.3703	2.3050			2.9878	21.0114			-
	S	166.671	159.874		145.634	160.221	165.056			157.002	153.174			+
112	Ţ	2.8495	4.4778		2.8485	2.3414	2.2984			2.9371	20.9507			+
	S	166.297	159.271	145.467	146.130	162.199	165.530	•		159.712	153.618			+
113	፲	2.8008	4.3927	2.3055		2.3754	2.2510		-	2.8884	20.7337			+
	S	169.189	162.356	147.720		159.877	169.016			162.405	155.226			+
114	I	2.8354	4.4839		3.1545	2.4552	2.3502				21.6247			+
	S	167.124	159.054	142.910	131.954	154.681	161.882	142.113	136.170	155.581	148.830			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report July 20, 2019 INDYCAR

Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.8589	4.4904	2.3590	2.9003	2.3808	2.2679	2.8320	2.3995	2.9407	20.9391			
113	S	165.750	158.824	144.370	143.520	159.515	167.756	148.546	140.228	159.517	153.703			
116	Т	2.7887	4.3699	2.3016	2.8905	2.3687	2.2542	2.8289	2.4226	2.9518	20.8070			
110	S	169.923	163.203	147.970	144.006	160.330	168.776	148.709	138.891	158.917	154.679			
117	Т	2.7830	4.3762	2.3090	2.8136	2.3079	2.2337	2.8343	2.3621	2.9221	20.5657			
117	S	170.271	162.968	147.496	147.942	164.553	170.325	148.425	142.448	160.532	156.494			
110	T	2.7981	4.4206	2.3448	2.8320	2.3159	2.2477	2.8372	2.3778	2.9163	20.6698			
118	S	169.352	161.331	145.244	146.981	163.985	169.264	148.274	141.508	160.851	155.705			
119	Т	2.8269	4.4382	2.3121	2.8145	2.3312	2.2867	2.8342	2.3742	2.9417	20.7215			
119	S	167.627	160.692	147.298	147.895	162.909	166.377	148.431	141.722	159.463	155.317			
120	Т	2.7734	4.3148	2.2317	2.8048	2.3363	2.2481	2.8145	2.3354	2.8886	20.4328			
120	S	170.860	165.287	152.605	148.406	162.553	169.234	149.469	144.077	162.394	157.511			
121	Т	2.7396	4.2919	2.2360	2.7480	2.3285	2.2595	2.8080	2.3060	2.8958	20.3214			
121	S	172.968	166.169	152.311	151.474	163.098	168.380	149.815	145.914	161.990	158.375			
122	Т	2.7061	4.2376	2.2248	2.7970	2.3195	2.2482	2.8043	2.3423	2.9056	20.3478			
122	S	175.109	168.299	153.078	148.820	163.730	169.226	150.013	143.653	161.444	158.169			
122	Т	2.7533	4.3094	2.2485	2.7938	2.3360	2.2438	2.7865	2.2919	2.8725	20.3263			
123	S	172.108	165.494	151.465	148.991	162.574	169.558	150.971	146.811	163.304	158.337			
124	Т	2.7858	4.3815	2.2782	2.7018	2.2874	2.2239	2.7808	2.2869	2.8629	20.2077			
124	S	170.100	162.771	149.490	154.064	166.028	171.075	151.281	147.132	163.852	159.266			
125	Т	2.7145	4.2660	2.2425	2.7623	2.2916	2.2263	2.7875	2.2902	2.8725	20.1874			
125	S	174.568	167.178	151.870	150.690	165.724	170.891	150.917	146.920	163.304	159.426			
126	Т	2.7367	4.3026	2.2594	2.7864	2.3204	2.2419	2.8118	2.2883	2.8647	20.3096			
120	S	173.151	165.756	150.734	149.386	163.667	169.702	149.613	147.042	163.749	158.467			
127	Т	2.7008	4.2210	2.2087	2.7883	2.3042	2.2050	2.7369	2.3004	2.8588	20.1031			
12/	S	175.453	168.960	154.194	149.285	164.818	172.542	153.707	146.269	164.087	160.095			
128	Т	2.6860	4.2014		2.8229	2.3207	2.2272	2.7567	2.3059	2.8763	20.2078			
120	S	176.420	169.749		147.455		170.822	152.603	145.920	163.088	159.265			
129	T	2.7064	4.2190		2.8471	2.3522	2.2298	2.7687	2.3445	2.8809	20.3332	•		
129	S	175.090	169.040	154.551	146.201	161.454	170.623	151.942	143.518	162.828	158.283			
130	Т	2.7381	4.3130		2.7760	2.2985				2.9052	20.2829			
130	S	173.063	165.356		149.946	165.226				161.466	158.676			
131	Т	2.7621	4.3419		2.7707		2.2548			2.8703	20.3470			
131	S	171.559	164.256	150.070	150.233	163.900	168.731	150.013	146.403	163.429	158.176			
132	T	2.7586	4.3017	2.2390	2.8860	2.3850	2.2861	2.8508	2.3168		20.6127			
132	S	171.777	165.791	152.107	144.231	159.234	166.421	147.566			156.137			
133	Т	2.7631	4.3224	2.2367	2.7593	2.3529	2.2388	2.7686	2.2909	2.8836	20.2939			
	S	171.497	164.997	152.264	150.853	161.406	169.937	151.947	146.876	162.675	158.590			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Ť	2.7412	4.3060	2.2645	2.8449	2.3579	2.2369	2.7735	2.3097	2.8974	20.4260			
134	S	172.867	165.625	150.394	146.314	161.064	170.081	151.679	145.680	161.901	157.564			
405	Т	2.8044	4.4170	2.3057	2.7863	2.3262	2.2382	2.8007	2.3217	2.9414	20.5246			
135	S	168.971	161.463	147.707	149.392	163.259	169.982	150.206	144.927	159.479	156.807			
426	Т	2.8000	4.3992	2.3112			2.2857	2.8751	2.3897	2.9603	20.8823			
136	S	169.237	162.116	147.356	144.622	159.428	166.450	146.319	140.803	158.461	154.121			
137	Т	2.7745	4.3497	2.2779	2.8603	2.3811	2.2859	2.8818	2.3740	2.9665	20.8020			
13/	S	170.792	163.961	149.510	145.527	159.495	166.435	145.979	141.734	158.129	154.716			
138	Т	2.7712	4.3445	2.2779	2.8892	2.3703	2.2620	2.8272	2.3628	2.9317	20.6923			
136	S	170.996	164.157	149.510	144.071	160.221	168.194	148.798	142.406	160.006	155.536			
139	Т	2.7589	4.3406	2.2886	2.8696	2.3575	2.2334	2.7721	2.4464	2.9887	20.7152			
139	S	171.758	164.305	148.811	. 145.055	161.091	170.348	151.756	137.540	156.955	155.364			
140	T	2.7817	4.3499	2.2596	2.8121	2.3466	2.2542	2.8056	2.3601	2.9298	20.5497			
140	S	170.350	163.954	·		161.840	168.776	149.944	142.569	160.110	156.615			
141	T	2.8194	4.4362	2.3235	2.8471	2.3759	2.2769	2.8525	2.5385	3.0964	21.1302			
141	S	168.073	160.764	146.576	146.201	159.844	167.093	147.478	132.550	151.496	152.313			
142	T	2.8518	4.4582	2.3194	2.9173	2.4254	2.3981	3.0242	2.5445	3.0628	21.5435			
142	S	166.163	159.971	146.835	142.683	156.581	158.648	139.105	132.237	153.158	149.391			
143	T	2.8988	4.5468	2.3649	2.8970	2.3943	2.3309	2.9246	2.4364	2.9761	21.2230			
143	S	163.469	156.854	144.010	143.683	158.615	163.222	143.843	138.104	157.619	151.647			
144	T	2.7934	4.3695								21.2123			
	S	169.637	163.218			152.519					151.723			
145	ፗ	2.8514	4.4450				2.3009		+		21.0417			
145	S	166.186	160.446			159.454	165.350			156.077	152.953			
146	ፗ	2.8588	4.4788		+	2.5892	3.3772		-		31.8695	32.0544		24.2912
110	S	165.756	159.235	147.120	141.837	146.676					100.987	31.066		116.948
147	T						2.5475			2.8438	43.6935		19.2174	
	S						149.344		+		73.659		133.990	
148	Ҵ	2.7513	4.2814		+	2.2706		+		•	19.8431			
	S	172.233	166.577				172.268				162.192			
149	T	2.6835	4.1684				2.2083				19.8461			
	S	176.584	171.092			165.883	172.284		150.220		162.168			
150	T	2.6915	4.2118				2.1614				19.5032			
<u> </u>	S	176.059	169.329		+		176.022	+	155.950		165.019			
151	ᄑ	2.6506	4.1535								19.5896			
	S	178.776	171.706				174.914				164.291			
152	I	2.7305	4.2606								19.8589			
	S	173.545	167.390	155.128	151.999	164.975	172.151	155.964	153.202	168.199	162.063			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
153	Т	2.6739	4.1679	2.1451	2.6260	2.2598	2.1780	2.6392	2.2009	2.8202	19.5431			
153	S	177.218	171.113	158.766	158.511	168.056	174.681	159.397	152.882	166.332	164.682			
154	Т	2.6799	4.1489	2.1059	2.6086	2.2415	2.1717	2.6631	2.1858	2.7892	19.4457			
154	S	176.821	171.897	161.721	159.568	169.428	175.187	157.967	153.938	168.181	165.507			
155	Т	2.6507	4.1242	2.1411	2.7101	2.2683	2.1602	2.6328	2.2124	2.8078	19.5834			
155	S	178.769	172.926	159.062	153.592	167.426	176.120	159.785	152.087	167.067	164.343			
156	Т	2.6536	4.1493	2.1679	2.7151	2.2724	2.1694	2.6603	2.2219	2.8325	19.6931			
130	S	178.574	171.880	157.096	153.309	167.124	175.373	158.133	151.437	165.610	163.428			
157	Т	2.6839	4.1908	2.1837	2.6898	2.2699	2.1763	2.6768	2.2040	2.8152	19.6996			
15/	S	176.558	170.178	155.959	154.751	167.308	174.817	157.158	152.667	166.628	163.374			
158	Т	2.6677	4.1644	2.1746	2.6772	2.2556	2.1669	2.6661	2.1529	2.7727	19.5337			
136	S	177.630	171.257	156.612	155.480	168.369	175.575	157.789	156.290	169.182	164.761			
159	Т	2.6330	4.0885	2.1107	2.6921	2.2557	2.1643	2.6658	2.2013	2.8040	19.5269			
139	S	179.971	174.436	161.353	154.619	168.361	175.786	157.807	152.854	167.293	164.819			
160	Т	2.6637	4.1592	2.1771	2.7325	2.2697	2.1642	2.6691	2.2040	2.7728	19.6531			
100	S	177.897	171.471	156.432	152.333	167.323	175.795	157.612	152.667	169.176	163.760			
161	Т	2.6544	4.1608	2.1903	2.6865	2.2544	2.1651	2.6737	2.1860	2.8050	19.6154			
101	S	178.520	171.405	155.489	154.941	168.458	175.721	157.341	153.924	167.234	164.075			
162	Т	2.6610	4.1616	2.1794	2.7195	2.2745	2.1680	2.6827	2.2278	2.8081	19.7210			
102	S	178.077	171.372	156.267	153.061	166.970	175.486	156.813	151.036	167.049	163.197			
163	Т	2.6645	4.1520	2.1631	2.7186	2.2786		2.7019	2.2224	2.8230	19.7519			
103	S	177.843	171.768	157.444	153.112	166.669	174.536	155.699	151.403	166.168	162.941			
164	T	2.6680	4.1685	2.1910	2.7256	2.2599	2.1789	2.7071	2.1856	2.8055	19.7216			
107	S	177.610	171.088	155.440	152.719		174.609	155.399	153.952	167.204	163.192		ļ	
165	I	2.6899	4.2301	2.2340	2.6819	2.2451	2.1699	2.7035	2.2101	2.8132	19.7476			
103	S	176.164	168.597	152.448	155.207	169.156		155.606	152.245	166.746	162.977			
166	Т	2.6795	4.2021	2.2062	2.6992	2.2765		2.7279	2.2355	2.8319	19.8396			
100	S	176.848	169.720	154.369	154.212	166.823	174.289	154.215	150.515	165.645	162.221			
167	Т	2.6853	4.2033	2.2009	2.7266		2.1808	2.6730	2.1582	2.7986	19.6943			
	S	176.466	169.672	154.740	152.663	167.234	174.456	157.382	155.906	167.616	163.418			
168	Т	2.6941	4.2409	2.2293	2.6568		2.1637	2.6870	2.1821	2.8182	19.6761			
	S	175.889	168.168	152.769	156.673	169.171	175.835	156.562	154.199	166.451	163.569			
169	Т	2.6985	4.2223	2.2113	2.7617	2.3138		2.7177	2.1863	2.7935	19.8907			
	S	175.603	168.908	154.013	150.722	164.134		154.793	153.903	167.922	161.804			
170	T	2.6529	4.1457	2.1646	2.7098			2.7216	2.2160	2.8117	19.7613			
	S	178.621	172.029	157.335	153.609		172.769	154.572	151.840	166.835	162.864			
171	Т	2.7115	4.2537	2.2280	2.7175			2.7328	2.2273	2.8240	19.9271			
	S	174.761	167.662	152.858	153.174	166.057	173.013	153.938	151.070	166.109	161.509			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.7031	4.2359	2.2168	2.8060	2.3076	2.1734	2.6995	2.2955	2.8529	20.0548			
172	S	175.304	168.366		148.343	164.575	175.050			164.426	160.480		1	1
470	Т	2.7077	4.2372	2.2118	2.7418	2.2918	2.1841	2.7197	2.2919	2.8479	19.9967			
173	S	175.006	168.314	153.978	151.816	165.709	174.193	154.679	146.811	164.715	160.947			
174	Т	2.7116	4.2385	2.2204	2.8209	2.3190	2.2165	2.7534	2.3367	3.0096	20.3881			
1/4	S	174.754	168.263	153.381	147.559	163.766	171.647	152.786	143.997	155.865	157.857			
175	Т	2.7518	4.2798	2.2192	2.7815	2.3186	2.2235	2.7439	2.2406	2.8415	20.1206			
1/5	S	172.201	166.639	153.464	149.649	163.794	171.106	153.315	150.173	165.086	159.955			
176	Т	2.7104	4.2460	2.2186	2.7561	2.3122	2.2227	2.7643	2.2497	2.8407	20.0747			
170	S	174.832	167.966	153.506	151.029	164.247	171.168	152.184	149.565	165.132	160.321			
177	T	2.7126	4.2513	2.2295		2.3191	2.2072	2.7374	2.2977	2.8864	20.1801			
1//	S	174.690	167.756	152.755	149.183	163.759	172.370	153.679	146.441	162.518	159.484			
178	T	2.7222	4.2603	2.2394		2.3244	2.1878	2.6753	2.2280	2.8357	20.0264			
1/6	S	174.074	167.402	152.080	•	163.385	173.898		•	165.423	160.708			
179	T	2.7186	4.2694	2.2586	2.8693	2.3543	2.2071	2.7126	-	2.8617	20.2626			
1/3	S	174.304	167.045	150.787	145.070	161.310	172.378	155.084	147.552	163.920	158.835			
180	T	2.7345	4.2765	2.2411	2.8119	2.3327	2.2260			2.8664	20.2646			
100	S	173.291	166.768	151.965	148.032	162.804	170.914	151.953	147.352	163.652	158.819			
181	工	2.7130	4.2419		•	2.3312	2.2074	2.7483	2.2825	2.8769	20.2069			
101	S	174.664	168.128	153.202	147.366	162.909	172.354	153.070	147.416	163.054	159.272			
182	工	2.7044	4.2142	2.1969		2.3499	2.2188			2.8475	20.1744			
102	S	175.220	169.233	155.022	146.289	161.612	171.469			164.738	159.529			
183	ፗ	2.6950	4.2252	2.2127	2.7881	2.3119	2.2039			2.8806	20.1173			
103	S	175.831	168.792	153.915	149.295	164.269	172.628			162.845	159.982		<u> </u>	ļ
184	ፗ	2.7100	4.2510		2.7688	2.2830	2.4496	3.3374		3.4313	22.0776			
	S	174.857	167.768	152.033	150.336	166.348	155.313	126.051	117.756	136.709	145.777			
185	Т	3.6716	5.6477	2.7939	3.1110	2.7260	2.9760	3.5592		4.7265	26.7586			
	S	129.062	126.278	121.897	133.799	139.315	127.841	118.196		99.247	120.275			
186	T	4.8296	7.2042	3.4696	4.8938	3.4756	3.1705	3.6669	·	4.1978	30.6020			
	S	98.117	98.995	98.158	85.057	109.268	119.998	114.724		111.747	105.170			
187	T	4.7220	7.2052	3.4271	3.9302	4.2099	3.9537	4.1407		6.8606	35.2276			
	S	100.352	98.982	99.375	105.911	90.209	96.227	101.597		68.375	91.360			
188	T	7.5410	10.9473	4.8664	5.4658	4.7088	5.2799	5.6604		7.2090	45.7043			
	S	62.838	65.147	69.984	76.155	80.652	72.057	74.320		65.070	70.418			_
189	T	6.7160	10.0472	4.7167	5.9581	4.5821	4.5926	4.9656		5.4447	40.9606			
	S	70.557	70.983	72.205	69.863	82.882	82.841	84.719		86.156	78.573			
190	Т	5.1451	7.9355	4.0130	5.4262	5.3734	4.6954			6.2290	43.2453			1
	S	92.100	89.872	84.866	76.711	70.676	81.027	58.723	64.715	75.308	74.422			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series

Session: Race July 20, 2019

Section Data for Car 10 - Rosenqvist, Felix (R)

Report:

Section Data Report

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	6.0760	9.2298	4.2943	5.2476	5.6281	3.8703	4.1466	3.6398	4.0276	36.9303			
191	S	77.989	77.269	79.307	79.322	67.478	98.301	101.452	92.444	116.469	87.148			
192	Т	3.9663	6.2161	3.2196	3.5843	3.4768	3.2499	3.8460	3.3753	4.3161	29.0343			
192	S	119.472	114.731	105.780	116.131	109.231	117.067	109.382	99.688	108.684	110.848			
193	Т	4.3398	6.2781	2.7852	3.4804	3.1191	3.0079	3.4950	2.9171	3.8354	26.9799			
193	S	109.190	113.598	122.278	119.598	121.757	126.485	120.367	115.346	122.306	119.289			
194	Т	4.5556	7.2631	3.9234	5.6223	5.5333	4.1701	5.1676	4.5466	5.2399	38.7588			
194	S	104.018	98.192	86.804	74.036	68.634	91.234		74.006	89.523	83.037			
195	T	5.1906	8.1745	4.4138	5.4368	4.4006	5.3286	4.9652			43.6550	32.5210		36.0387
175	S	91.293	87.245	77.160	76.562	86.300	71.399				73.724	30.620		78.826
196	T						3.6393		2.9785	3.6705	50.4558		25.5511	
150	S						104.541	112.783	112.969	127.800	63.787		100.776	
197	T	4.2095		3.3070	5.5515		5.1323		4.6784	4.8767	39.4167			
137	S	112.570	110.158	102.984	74.980	64.629	74.129		71.921	96.190	81.651			
198	T	5.6826		3.2301	3.2356	2.8406	3.1194		2.5979		27.2914			
130	S	83.389	88.547	105.436	128.647	133.695	121.964		129.519		117.927			
199	I	2.9115					2.3525			2.9698	21.3149			
133	S	162.756		143.548	142.781		161.724		139.207	157.954	150.993			
200	ፗ	2.9032			2.9024	·	2.2897				20.8791		ļ	
	S	163.221	154.282		143.416				146.818		154.145			
201	I	2.7586	-	-		-	2.2079		-		19.9741			
	S	171.777			150.985				152.528		161.129			
202	ፗ	2.6994		2.2057	2.7128				2.2123		19.8199			
	S	175.544		154.404	153.439			+	152.094		162.382			
203	ፗ	2.6651	-				2.1815				19.6072			
	S	177.803			153.819					168.447	164.144			
204	፲	2.6648									19.5346			
	S	177.823					177.120		153.671	169.213	164.754		ļ	
205	듸	2.6517		2.1668							19.5548			
-	S	178.702								169.109	164.584			\vdash
206	I	2.6479			2.6450						19.4629	-		\vdash
	S	178.958			157.372		177.302				165.361			
207	፲	2.6393					2.1782				19.6039			
-	S	179.541			154.190		174.665		152.507	167.407	164.171			
208	듸	2.6541		2.1538			2.1807				19.6533			
	S	178.540		-	-				-		163.759			
209	T	2.6727					2.1703			2.8162	19.7164			
	S	177.298	170.475	155.731	155.491	168.182	175.300	155.056	151.423	166.569	163.235			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6565	4.1268	2.1347	2.7412	2.2935	2.1933	2.7019	2.2366	2.8287	19.7864			
210	S	178.379	172.817	159.539	151.850	165.587	173.462	155.699	150.441	165.833	162.657			
211	Т	2.6796	4.1925	2.1782	2.6251	2.2371	2.1530	2.6637	2.1787	2.7928	19.5082			
211	S	176.841	170.109	156.353	158.565	169.761	176.709	157.931	154.439	167.964	164.977			
212	Т	2.6582	4.1551	2.1697	2.6837	2.2717	2.1641	2.6670	2.1890	2.7991	19.6025			
212	S	178.265	171.640	156.966	155.103	167.176	175.803	157.736	153.713	167.586	164.183			
213	Т	2.6726	4.1837	2.1696	2.6329	2.2447	2.1504	2.6160	2.1528	2.7855	19.4245			
213	S	177.304	170.467	156.973	158.096	169.186	176.923	160.811	156.298	168.405	165.688			
214	Т	2.6394	4.1124	2.1195	2.6560	2.2708	2.1560	2.6206	2.1842	2.8284	19.4749			
214	S	179.535	173.422	160.683	156.721	167.242	176.463	160.529	154.051	165.850	165.259			
215	T	2.6595	4.1189	2.1160	2.6900	2.2649	2.1491	2.6298	2.2148	2.8424	19.5665			
213	S	178.178	173.149	160.949	154.740	167.677	177.030	159.967	151.922	165.033	164.485			
216	Т	2.6532	4.0913	2.0951	2.7462	2.2940	2.1693	2.7113	2.2521	2.8198	19.7410			
210	S	178.601	174.317	162.555	151.573	165.550	175.381	155.159	149.406	166.356	163.031			
217	T	2.6614	4.1410	2.1477	2.6866	2.2628	2.1526	2.6546	2.2065	2.8065	19.5787			
217	S	178.051	172.225	158.573	154.936	167.833	176.742	158.473	152.494	167.144	164.383			
218	T	2.6506	4.1267	2.1469	2.7079	2.3187	2.1947	2.7255	2.3285	2.9499	20.0227			
210	S	178.776	172.821	158.633	153.717	163.787	173.352	154.350		159.019	160.738			
219	工	2.7174	4.2300						·	2.8497	19.9335			
	S	174.381	168.601	154.909	150.303			157.482		164.611	161.457			
220	T	2.6758	-	-	-		-	2.6835	-		19.7981			
220	S	177.092	171.035	158.183	156.150		175.430	156.766	147.539	161.962	162.561			
221	工	2.7055	4.1973	2.1768			2.1839	2.6564	2.2526	2.9062	20.0359			
	S	175.148	169.914		147.220		174.209	158.365		161.410	160.632			
222	ፗ	2.7091	4.2142				-	2.7075	+	2.8238	19.9106			
	S	174.916	169.233		151.265			-		166.120	161.643			
223	T	2.6650	4.1475					2.6962	-	2.8305	19.7598			
	S	177.810	171.955		152.932		174.946			165.727	162.876			
224	Ҵ	2.6705	4.1550						+	2.8429	19.9684			
	S	177.444	171.644			+	172.863	156.190		165.004	161.175			
225	I	2.6825	4.1835								19.8831			
	S	176.650	170.475	156.088			175.123			164.386	161.866			
226	ፗ	2.6798	4.1725							2.8072	19.7378	-		
<u> </u>	S	176.828	170.924	157.277	152.562	+	174.833	156.457	+	167.103	163.058			
227	ፗ	2.6602	4.1482	2.1634	2.7940		2.1807	2.7023			19.9109			
	S	178.131	171.926						-		161.640			
228	ፗ	2.6934	4.2296				2.1891	2.7193			19.9612			
	S	175.935	168.617	153.106	151.265	166.882	173.795	154.702	149.161	164.495	161.233			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR



Section Data for Car 10 - Rosenqvist, Felix (R)

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
229	Т	2.6942	4.2086	2.1971	2.7584	2.3082	2.1980	2.7331	2.2617	2.8496	20.0003			
229	S	175.883	169.458	155.008	150.903	164.532	173.091	153.921	148.772	164.616	160.918			
230	T	2.6929	4.2057	2.2057	2.8011	2.3093	2.2007	2.7409	2.2703	2.8498	20.0707			
230	S	175.968	169.575	154.404	148.602	164.454	172.879	153.483	148.208	164.605	160.353			
231	T	2.7029	4.2311	2.2321	2.8359	2.3239	2.1900	2.6942	2.2577	2.8507	20.0874			
231	S	175.317	168.557	152.577	146.779	163.420	173.724	156.144	149.035	164.553	160.220			
232	T	2.7054	4.2397	2.2201	2.7635	2.2994	2.1874	2.6986	2.2715	2.8536	19.9995			
232	S	175.155	168.215	153.402	150.624	165.162	173.930	155.889	148.130	164.386	160.924			
233	T	2.6783	4.1717	2.1684	2.8291	2.3431	2.1958	2.6859	2.2289	2.8381	19.9676			
233	S	176.927	170.957	157.060	147.132	162.081	173.265	156.626	150.961	165.283	161.181			
234	Т	2.7008	4.2248	2.2245	2.9247	2.3618	2.2041	2.7082	2.3137	2.8964	20.3342			
234	S	175.453	168.808	153.099	142.322	160.798	172.612	155.336	145.428	161.957	158.275			
235	T	2.7213	4.2454	2.2215	2.8782	2.3561	2.2516	2.8916	2.3548	2.8940	20.5691			
235	S	174.131	167.989	153.306	144.622	161.187	168.971	145.484	142.890	162.091	156.468			
226	Т	2.7532	4.3092	2.2873	3.0641	2.4372	2.2703	2.8021	2.2878	2.8711	20.7731			
236	S	172.114	165.502	148.895	135.847	155.823	167.579	150.131	147.075	163.384	154.931			
227	T	2.7086	4.2375	2.2235	2.8287	2.3287	2.2017	2.7232	2.2663	2.8853	20.1660			
237	S	174.948	168.302	153.168	147.152	163.084	172.800	154.481	148.470	162.580	159.595			
238	Т	2.7256	4.2702	2.2431	2.8162	2.3284	2.2139	2.7503	2.2609	2.8461	20.1845			
238	S	173.857	167.014	151.829	147.806	163.105	171.848	152.959	148.824	164.819	159.449			
239	Т	2.7158	4.2720	2.2556	2.8342	2.3108	2.1747	2.6743	2.2782	2.8595	20.1031			
239	S	174.484	166.943	150.988	146.867	164.347	174.946	157.305	147.694	164.046	160.095			
240	Т	2.6938	4.2099	2.2000	2.7898	2.3170	2.1882	2.6895	2.2731	2.8636	20.0150			
240	S	175.909	169.406	154.804	149.204	163.907	173.866	156.416	148.026	163.812	160.799			
241	Т	2.6700	4.1366	2.1410	2.8343	2.3129	2.1969	2.7423	2.2623	2.8511	20.0108			
241	S	177.477	172.408	159.070	146.862	164.198	173.178	153.405	148.732	164.530	160.833			
242	Т	2.6863	4.1898	2.1956	2.8592	2.3386	2.2060	2.7391	2.2662	2.8501	20.1411			
	S	176.400	170.219			162.393	172.464	153.584	148.476	164.588	159.793			
243	T	2.6960	4.2081	2.2058	2.8245	2.3305	2.2195	2.7538	2.2340	2.8261	20.0902			
2-73	S	175.765	169.478	154.397	147.371	162.958	171.415	152.764	150.617	165.985	160.198			
244	T	2.6959		2.2196	2.7778	2.3133	2.2011	2.7420	2.3090	2.8696	20.1283			
	S	175.772	168.892	153.437	149.849			153.422	145.724	163.469	159.894			
245	T	2.7204	4.2627	2.2500	2.8229	2.3200		2.7502	2.2848	2.8545	20.2207			
243	S	174.189	167.308	151.364	147.455	163.695	171.538	152.964	147.268	164.334	159.164			
246	Т	2.7244	4.2852	2.2618	2.7988	2.3148	2.2045	2.7422	2.2541	2.8506	20.1512			
240	S	173.933	166.429	150.574	148.724	164.063	172.581	153.410	149.273	164.559	159.713			
247	Т	2.7098	4.2516	2.2454	2.7895	2.3083	2.1916	2.7236	2.2556	2.8440	20.0678			
24/	S	174.870	167.744	151.674	149.220	164.525	173.597	154.458	149.174	164.941	160.376			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 10 - Rosenqvist, Felix (R)

Race

Report:

Session:

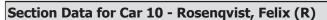
Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	2.6864	4.2047	2.2004	2.7545	2.2847	2.1856	2.7505	2.3121	2.8612	20.0354			
240	S	176.394	169.615	154.776	151.116	166.224	174.073	152.947	145.529	163.949	160.636			
249	Т	2.7054	4.2556	2.2604	2.8188	2.3041	2.2038	2.7454	2.2677	2.8493	20.1549			
249	S	175.155	167.587	150.667	147.669	164.825	172.636	153.232	148.378	164.634	159.683			
250	Т	2.7123	4.2495	2.2366	2.8765	2.3607	2.2465	2.8034	2.3603	2.9372	20.5335			
250	S	174.709	167.827	152.270	144.707	160.873	169.354	150.061	142.557	159.707	156.739			
251	Т	2.7513	4.3062	2.2583	2.8347	2.3427	2.2161	2.7612	2.3417	2.8885	20.3945			
251	S	172.233	165.617	150.807	146.841	162.109	171.678	152.355	143.689	162.399	157.807			
252	T	2.7062	4.2158	2.2004	2.8591	2.3555	2.2556	2.8392	2.3419	2.9094	20.4673			
252	S	175.103	169.169	154.776	145.588	161.228	168.671	148.169	143.677	161.233	157.246			
253	Т	2.7663	4.3509	2.3010	2.8512	2.3456	2.2168	2.7520	2.2937	2.8798	20.4064			
255	S	171.299	163.916	148.009	145.991	161.909	171.623	152.864	146.696	162.890	157.715			
254	Т	2.7032	4.2208	2.2060	2.9133	2.4139	2.2889	2.8481	2.3654	2.8922	20.6310			
254	S	175.297	168.968	154.383	142.879	157.327	166.217	147.706	142.250	162.192	155.998			
255	T	2.6877	4.1544	2.1358	3.0642	2.4748	2.3020	2.8225	2.3908	2.9573	20.8351			
255	S	176.308	171.669	159.457	135.843	153.456	165.271	149.046	140.738	158.621	154.470			
256	T	2.7688	4.3389	2.2675	2.8828	2.3777	2.2416	2.7909	2.3355	2.9108	20.5756			
250	S	171.144	164.369	150.195	144.391	159.723	169.725	150.733	144.071	161.155	156.418			
257	T	2.7317	4.2817	2.2421	2.8610	2.3539	2.2833	2.8741	2.3059	2.8826	20.5346			
257	S	173.468	166.565	151.897	145.491	161.338	166.625	146.370	145.920	162.732	156.731			
258	T	2.7329	4.2961	2.2764	2.8732	2.3612	2.2553	2.8598	2.3600	2.8968	20.6156			
256	S	173.392	166.007	149.608	144.873	160.839	168.694	147.102	142.575	161.934	156.115			
259	ᄑ	2.7739	4.3680	2.3061	2.8711	2.3609	2.2426	2.8168	2.3916	2.9567	20.7197			
239	S	170.829	163.274	147.681	144.979	160.859	169.649	149.347	140.691	158.654	155.330			
260	T	2.7616	4.3256	2.2708	2.8050	2.3242	2.2519	2.8563	2.3490	2.9072	20.5260			
200	S	171.590	164.875	149.977	148.396	163.399	168.948	147.282	143.243	161.355	156.796			
261	T	2.7342	4.2982	2.2793	2.9576		2.2735	2.9122	2.4597	2.9670	20.9732			
201	S	173.310	165.926	149.418	140.739	158.921	167.343	144.455	136.796	158.103	153.453			
262	T	2.7616	4.3080	2.2405	2.9425	2.3941	2.3426	3.1859	3.1600	4.2456	23.2728			
202	S	171.590	165.548	152.005	141.461	158.629	162.407	132.045	106.480	110.489	138.290			
263	Т	4.1454	6.6289	3.5983	4.9828	5.2203	4.0040	4.0610	3.5158	4.6193	34.1469			
	S	114.311	107.587	94.647	83.537	72.749	95.019	103.591	95.704	101.550	94.252			
264	Т	4.0694	6.3672	3.3914	4.4402	5.0140	3.5544	3.8188	3.2729	3.8969	31.4580			
204	S	116.446	112.009	100.421	93.746	75.742	107.038	110.161	102.807	120.375	102.308			
265	Т	4.4941	6.8248	3.3493	6.1226	8.8268	4.2493	4.4247	4.4157	7.8281	43.7106			
	S	105.441	104.499	101.683	67.986	43.025	89.533	95.076	76.200	59.924	73.630			
266	Т	6.3069	9.1704	4.1878	6.5920	7.1985	5.4663	5.9139	4.6992	7.0991	47.4637			
	S	75.134	77.770	81.324	63.145	52.757	69.600	71.134	71.603	66.078	67.808			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR

TAG



Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	5.9481	8.6916	4.0622	6.8204	7.5791	6.0276	5.7864	4.5852	7.4229	48.2319			
207	S	79.666	82.054	83.838	61.030	50.108	63.119	72.702	73.383	63.195	66.728			
260	Т	7.2523	10.4779	4.5729	6.1756	6.1755	4.7629	5.3276	6		47.8524	31.7144		40.2526
268	S	65.340	68.065	74.475	67.402	61.497	79.879	78.963			67.257	31.399		70.574
269	Т						3.0177	3.8423	4.3940	6.9288	51.5307		27.4161	
209	S						126.074	109.487	76.577	67.702	62.456		93.921	
270	T	8.1000	11.0888	4.3496	6.1550	6.0739	5.3097	5.7404	4.7405	7.5736	48.0427			
270	S	58.502	64.316	78.299	67.628		71.653	73.284	70.979	61.938	66.990			
271	T	7.2140	9.8389	3.8536	5.9273	6.2809	5.2031	5.8366	4.3516	6.7174	45.3845			
2/1	S	65.687	72.486	88.377	70.226	60.465	73.121	72.077	77.323	69.832	70.914			
272	T	7.9929	10.8162	3.9621	5.1923	5.4373	5.9722	4.3107	4.2606	5.8048	42.9329			
2/2	S	59.286	65.936	85.956	80.167	69.846	63.704			80.811	74.963			
273	T	6.2681	8.8328	3.5268	5.0914	4.4476	3.7195	4.8715	2.9312	3.0635	33.9196			
2/3	S	75.599	80.742	96.566	81.756	85.388	102.286	86.356	114.792	153.123	94.883			
274	T	2.9386	4.6391	2.4403	2.9105	2.3758	2.3556	2.9159	2.2894	2.8629	21.0890			
2/7	S	161.255	153.733	139.560	143.017	159.850	161.511	144.272	146.972	163.852	152.610			
275	工	2.7276	4.2817	2.2432	2.7949	2.2958	2.2199	2.7616	2.1678	2.7671	19.9779			
2/3	S	173.729			148.932		171.384			169.524	161.098			
276	ഥ	2.7031			2.7285			2.6088	·		19.6316			
270	S	175.304			152.556					169.054	163.940	1		
277	T	2.6556	4.1395	2.1312	2.6395	2.2285	2.1385	2.5810	2.1000	2.7223	19.1966			
	S	178.439		159.801	157.700					172.314	167.655			
278	ഥ	2.5941		2.0788							19.0754			
270	S	182.670			157.402						168.720			
279	ഥ	2.6013			2.6678	-		-						
	S	182.164			156.027	169.738		161.428			167.895			
280	T	2.6136			2.6557	2.2326					19.4916			
	S	181.307			156.738			162.325			165.117			
281	I	2.7331					2.1395		+	•	19.6258	•		
	S	173.380		153.978	150.843					171.207	163.988			
282	T	2.5981	4.0504		2.6308		2.1223				19.1643			
	S	182.389		161.836	158.222					170.721	167.937			
283	I	2.6020			2.6774		2.1250				19.2906			
	S	182.115		161.437	155.468		179.037		+	168.635	166.838			
284	工	2.6231		2.0960							19.2562			
	S	180.650		162.485	157.153						167.136			
285	I	2.6210									19.4571			
	S	180.795	174.872	160.373	151.905	166.867	176.611	160.474	155.582	170.084	165.410			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data Report Report: **Session: Race**

Section Data for Car 10 - Rosenqvist, Felix (R)

Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	.ap	PI to PO	PO to SF	SF to PI
286	Т	2.6084	4.0581	2.1058	2.6969	2.2657	2.1557	2.6637	2.1925	2.7950	19.4837			
200	S	181.668	175.743	161.729	154.344	167.618	176.488	157.931	153.467	167.832	165.184			
287	Т	2.6242	4.0792	2.1160	2.7787	2.2731	2.1451	2.6401	2.2301	2.7893	19.5966			
207	S	180.575	174.834	160.949	149.800	167.073	177.360	159.343	150.880	168.175	164.233			
288	Т	2.6152	4.0556	2.0870	2.6742	2.2724	2.1496	2.6223	2.2574	2.8347	19.5128			
200	S	181.196	175.851	163.186	155.654	167.124	176.989	160.425	149.055	165.482	164.938			
289	Т	2.6590	4.1177	2.1140	2.7216	2.2752	2.1472	2.6469	2.1594	2.7711	19.4944			
209	S	178.211	173.199	161.101	152.943	166.918	177.186	158.934	155.820	169.280	165.094			
290	I	2.6432	4.1060	2.1315	2.7891	2.3094	2.1533	2.6060	2.1732	2.7713	19.5770			
	S	179.276	173.693	159.779	149.242	164.446	176.684	161.428	154.830	169.267	164.397			
291	I	2.6540	4.1471	2.1648	2.7811	2.2968	2.1634	2.6520		2.7833	19.6718			
	S	178.547	171.971	157.321	149.671	165.349	175.860	158.628			163.605			
292	T	2.6263	4.0655	2.0952	2.7539		2.1440	2.6423	2.2021	2.7908	19.5352			
	S	180.430	175.423	162.547	151.149		177.451	159.210			164.749			
293	T	2.6326	4.0993	2.1381	2.7571	2.2774	2.1427	2.6393	2.1978	2.8038	19.5888			
	S	179.998	173.976	159.285	150.974	166.757	177.558	159.391	153.097	167.305	164.298			
294	T	2.6613	4.1505	2.1637	2.7127	2.2701	2.1564	2.6643			19.6302			
	S	178.057	171.830	157.401	153.445	167.293	176.430	157.896			163.951			
295	T	2.6408	4.1222	2.1595	2.7767	2.2904	2.1590	2.6527			19.6252			
	S	179.439	173.010	157.707	149.908	165.811	176.218	158.586			163.993			
296	T	2.6613	4.1427	2.1488	2.7163	2.2718		2.6862			19.7393			
	S	178.057	172.154	158.492	153.242	167.168	175.803	156.609			163.045			
297	T	2.6491	4.1240	2.1465	2.7340			2.6748			19.6585		+	
	S	178.877	172.934	158.662	152.249		175.584	157.276			163.715		+	+
298	T	2.6351	4.0942	2.1272	2.8302	2.3222	2.1691	2.6627	2.2703		19.8535			+
	S	179.828	174.193	160.102	147.074	163.540	175.397	157.991	148.208		162.107			+
299	T	2.6707	4.1573	2.1670	2.8033	2.3084	2.1714				19.8563			+
	S	177.431	171.549	157.161	148.486	164.518	175.212	158.754		165.028	162.085		+	20.00
300	T	2.9036	4.6147	2.5329	4.6395			6.7599					+	39.9846
	S	163.199	154.546	134.458	89.719	65.950	68.985	62.232						71.047

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	6.2561	9.2953	4.3382	5.6747	5.1214	5.1896	5.5704	4.1952	4.1642	40.5098		35.0784	
1	S	75.744	76.725	78.504	73.352	74.154	73.311	75.521	80.205	112.649	79.447		73.405	
_	Т	6.4836	9.1919	3.9012	5.5753	5.1680	4.2261	4.4694	3.2388	3.2489	36.3113			
2	S	73.087	77.588	87.298	74.660	73.485	90.025	94.125	103.889	144.385	88.634			
2	Т	2.8044	4.2421	2.0701	2.6687	2.2448	2.1465	2.4910	2.0954	2.7116	19.2325			
3	S	168.971	168.120	164.518	155.975	169.179	177.244	168.881	160.579	172.994	167.342			
4	T	2.5924	4.0256	2.0851	2.5657	2.2095	2.1163	2.3820	2.0248	2.6618	18.6376			
*	S	182.790	177.162	163.334	162.236	171.882	179.773	176.609	166.178	176.231	172.683			
5	Т	2.5678	3.9582	2.0048	2.5296	2.1976	2.1031	2.3472	2.0266	2.6692	18.4459			
	S	184.541	180.178	169.876	164.552	172.812	180.902	179.227	166.030	175.742	174.478			
6	T	2.5724	3.9606	2.0013		2.2168	2.1141	2.3944	2.0865	2.7335	18.6780			
0	S	184.211	180.069	170.173	162.661	171.316	179.961	175.694	161.264	171.608	172.310			
7	Т	2.5994		2.0341	2.5819	2.2346	2.1312	2.4083	2.0907	2.7122	18.7924			
	S	182.297		167.429		169.951	178.517	174.680			171.261			
8	T	2.5964	4.0200	2.0521	2.5532	2.2120	2.1152	2.4398	2.0523	2.6961	18.7171			
0	S	182.508	177.408	165.961	163.031	171.687	179.867	172.425	163.951	173.989	171.950			
9	T	2.5870	3.9866	2.0140	2.5922	2.2404	2.1363	2.4583	2.1145	2.7505	18.8932			
9	S	183.171	178.895	169.100	160.578	169.511	178.090			170.548	170.347			
10	I	2.6164	4.0155	2.0099	2.5861	2.2438	2.1353	2.4518	2.1122	2.7418	18.8973			
10	S	181.113	177.607	169.445	160.957	169.254	178.174	171.581	159.302	171.089	170.310			
11	T	2.6067		2.0232	2.5824	2.2292	2.1219	2.4343	2.1363	2.7806	18.9146			
	S	181.787		168.331	-	170.363	179.299			168.701	170.154			
12	工	2.6178	4.0227	2.0176	2.5908	2.2400	2.1312	2.4639	2.1498	2.7802	18.9913			
	S	181.016		168.799		169.541	178.517	170.738	•	•	169.467			
13	工	2.6215	4.0324	2.0308		2.2473	2.1321	2.4646	2.1244	2.7544	18.9809			
- 15	S	180.760		167.701		168.991	178.441	170.690		170.306	169.560			
14	I	2.6076		2.0518		2.2689	2.1446		-		19.2015			
17	S	181.724		165.985		167.382	177.401	167.529		167.311	167.612		1	
15	T	2.6478	•		+	2.2715	2.1538		•		19.3382		1	
	S	178.965	+	163.703		167.190	176.643	165.330			166.427		1	
16	Т	2.6530		2.0919		2.2746		2.6085		4.4215	21.7308		1	
	S	178.614		162.803		166.962	175.511	161.273			148.103			
17	Т	4.6821		3.4770		3.5717	3.4891	4.0444		5.0906	31.9849			
	S	101.208		97.949		106.328	109.041	104.016		92.148	100.622			
18	Т	5.6572		4.2556		4.6349	4.7597	5.3013		6.4181	40.7384		1	
	S	83.763		80.028		81.938	79.932	79.354		73.089	79.002		1	
19	Т	6.2170		4.2819		4.7931	4.9215	5.1110		6.0621	40.7231			
19	S	76.221	76.881	79.537	81.634	79.233	77.305	82.309	79.405	77.381	79.031			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap		F to T1 S	-		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	6.7707	9.7800								39,7936		1 0 10 0.	1
20	S	69.987	72.922	81.419			80.008	81.023			80.877		+	
	Ť	6.0095	8.9733	4.1569			4.9459	5.0944			39.7165		1	+
21	S	78.852	79.478	81.928	88.658		76.923	82.577	86.122		81.034		1	
	Ť	6.1189	8.8705	3.8829			4,6889	4.7148			39.3499			
22	S	77,443	80.399		82,732		81.139	89.226			81.789			1
	T	6.2567	8.9725	3.9232	5.2173		4.6937	5.2361			40.0688			
23	S	75.737	79.485	86.809	79.783	83.399	81.056	80.343	75.285	82.028	80.322)		
	Т	5.3847	8.2801	4.1866			3.9101	3.9992			31.8758		1	
24	S	88.002	86.132	81.347				105.191			100.967		1	
25	Т	2.6884	4.1309		-		-				19.1446			
25	S	176.262	172.646	-				-			168.110		Ti Ti	
26	Т	2.6284	4.0781	2.1041	2.6856	2.2690	2.1520	2.5158	2.1074	2.7347	19.1970)		
26	S	180.286	174.881	161.859	154.993	167.374	176.791	167.216	159.665	171.533	167.651			
27	Т	2.6006	4.0303	2.0701	2.6167	2.2415	2.1400	2.4732	2.1223	2.7519	19.0163	3		
27	S	182.213	176.955	164.518	159.074	169.428	177.782	170.096	158.544	170.461	169.244	ļ.		
20	Т	2.6087	4.0164	2.0363	2.6056	2.2416	2.1297	2.4724		2.7606	18.9899)		
28	S	181.647	177.567	167.249	159.752	169.420	178.642	170.151	157.601	169.924	169.480)		
29	Т	2.6103	4.0167	2.0241	2.5867	2.2317	2.1249	2.4781	2.1240	2.7518	18.9316	5		
29	S	181.536	177.554	168.257	160.919	170.172	179.046	169.760	158.417	170.467	170.001			
30	Т	2.6198	4.0365	2.0361	2.6287	2.2618	2.1414	2.5218	2.1563	2.7806	19.1465	5		
30	S	180.878	176.683	167.265	158.348	167.907	177.666	166.818	156.044	168.701	168.093	3		
31	T	2.6238	4.0313	2.0236	2.6288	2.2557	2.1441	2.5057	2.1355	2.7578	19.0750)		
31	S	180.602	176.911	168.298	158.342	168.361	177.443	167.890	157.564	170.096	168.723	3		
32	Т	2.6116	4.0356	2.0687	2.7456			2.5525	2.1342	2.7702	19.3380)		
32	S	181.446	176.723					164.812	157.660	169.335	166.429)		
33	T	2.6309	4.0646			-					19.1524	ł		
	S	180.115	175.462	164.908			177.500				168.042			
34	口	2.6496	4.1101	2.1020	•		•		·		19.3539			
<u></u>	S	178.843	173.519		156.098						166.292			1
35	T	2.6497	4.1034			-		2.5711			19.3758			
	S	178.837	173.803			-			-	-	166.104			
36	I	2.6441	4.1029					2.5757			19.4284			
	S	179.215	173.824	·	·						165.654			
37	T	2.6871	4.1690			-		•			19.5370			
<i></i>	S	176.348	171.068								164.734			
38	Т	2.6917	4.1795		2.7327	2.3121	2.1766				19.6068	3		
30	S	176.046	170.638	159.151	152.322	164.254	174.793	162.031	155.002	168.332	164.147	7		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap	T/S ^S		SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	T	2.6749	4.1633	2.1362	2.6974	2.2983	2.1735	2.5968	2.1773	2.7965	19.5509			
39	S	177.152	171.302	159.427	154.315	165.241	175.042	162.000	154.539	167.742	164.616			
40	Т	2.6969	4.1994	2.1570	2.7111	2.2950	2.1637	2.6029	2.1995	2.8261	19.6522			
40	S	175.707	169.829	157.890	153.535	165.478	175.835	161.620	152.979	165.985	163.768			
44	T	2.6967	4.1888	2.1537	2.7706	2.3333	2.1874	2.6372	2.2332	2.8551	19.8672		ĺ	ĺ
41	S	175.720	170.259	158.132	150.238	162.762	173.930	159.518	150.670	164.299	161.996			
40	Т	2.7158	4.2271	2.1760	2.7797	2.3398	2.1935	2.6539	2.2209	2.8335	19.9131			
42	S	174.484	168.717	156.511	149.746	162.310	173.446	158.515	151.505	165.552	161.622			
42	T	2.7503	4.2737			2.3140	2.2070			2.8433	19.9516			
43	S	172.295	166.877	155.767	151.955	164.120	172.385	157.553	150.133	164.981	161.310			
44	Т	2.8060	4.3817			2.3047	2.2465	 			20.3010			
44	S	168.875	162.764			164.782	169.354				158.534			
4-	Т	2.7899	4.3426	-	2.7530	2.2880	2.2862	2.7854	2.3600	2.9397	20.4379			
45	S	169.850	164.229	152.332	151.199	165.985	166.414	151.031	142.575	159.571	157.472			
46	T	2.7981	4.3578	2.2352	2.7711	2.3080	2.2030	2.7354	2.2695	2.8395	20.1598			
46	S	169.352	163.656		150.211	164.546	172.698		-	165.202	159.644			
4-	Т	2.7771	4.3204	-	2.7779	2.3193	2.1888			2.8032	19.9614			
47	S	170.633	165.073	153.769	149.843	163.745	173.819	157.695	152.073	167.341	161.231			
40	T	2.8046	4.3953	2.2944	2.8319	2.3592	2.2211	2.7140	2.3249	2.8933	20.4434			
48	S	168.959	162.260		146.986	160.975	171.291		+		157.430			
40	Т	2.8307	4.5035	-	3.0007	2.3489	2.2203		-		20.7171			
49	S	167.402	158.362	140.088	138.718	161.681	171.353	154.589	146.703	163.418	155.350			
	Т	2.7759	4.3190	2.2020	2.7281	2.2827	2.2397	2.7451	2.3081	2.8708	20.1524			
50	S	170.706	165.127	154.663	152.579	166.370	169.869	153.248	145.781	163.401	159.703			
	Т	2.8509	4.4380	2.2676	2.8041	2.3506	2.6300	3.4289	3.0600	4.0555	23.4476		ĺ	ĺ
51	S	166.215	160.699	150.189	148.443	161.564	144.660	122.687	109.960	115.668	137.259			
	Т	4.4654	6.9259	3.4847	4.5543	4.4361	4.1815	4.8833	3.9852	5.1840	35.1745			
52	S	106.119	102.973	97.732	91.397	85.610	90.985	86.147	84.432	90.488	91.498			
F2	Т	5.7891	8.8605	4.4070	5.6938	5.0556	5.5466	5.9450	4.5213	6.0215	42.9799			
53	S	81.854	80.490	77.279	73.106	75.119	68.592	70.762	74.420	77.903	74.882			
54	Т	6.3982	9.8480	4.8424	5.5607	4.7172	5.1581	5.6603	4.7170	6.2181	43.2720			
54	S	74.062	72.419	70.330	74.856	80.508	73.759	74.321	71.333	75.440	74.376			
	Т	6.5622	10.0318	4.9263	5.7159	5.2667	5.8921	7.1346	j		54.4353	1647.1389		43.4732
55	S	72.211	71.092	69.133	72.823	72.108	64.570				59.123	0.605		65.346
F.G.	Т						4.8264	5.4657	4.3187	5.8046	1668.7622		32.5854	
56	S						78.828			80.814	1.929		79.021	
F-7	Т	5.5536	8.5746	4.2728	5.1969	4.5713	5.0808	4.9364	4.3047	5.3653	39.2818			
57	S	85.325	83.174	79.706	80.096	83.078	74.881	85.220	78.165	87.431	81.931			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

TAG

Section Data for Car 12 - Power, Will

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	6.1031	9.1441	4.2493	5.2062	4.5213	4.9342	5.2140			53.5962	30.7516		35.7102
36	S	77.643	77.994	80.147	79.953	83.996	77.106	80.683			60.049	32.382		79.551
59	T						3.5190	3.5858	2.9205	3.7781	37.7258		24.8602	
39	S						108.114	117.319	115.212	124.161	85.310		103.577	
60	T	3.5858	5.4293	2.6146	3.2910	3.2533	3.7974	4.5979	4.1706	5.9013	31.2119			
- 00	S	132.150	131.358	130.256	126.481	116.735	100.188	91.494		79.489	103.115			
61	T	6.1730	8.9848	3.9354	5.2794	5.2129	5.2647	4.3035	4.0712	5.5431	39.7832			
61	S	76.764	79.376	86.540	78.844	72.852	72.265	97.753	82.648	84.626	80.898			
62	T	5.4634	8.1520	3.7937	5.0235	4.4423	4.2815	4.9981	3.8665	5.5029	37.3719			
02	S	86.734	87.486	89.772	82.861	85.490	88.860	84.168	87.024	85.244	86.118			
63	T	4.9933	7.8705	4.2983	5.8266	5.3159	5.1581	5.1943	4.2557	5.9339	40.9761			
03	S	94.900	90.615	79.233	71.440	71.441	73.759	80.989	79.065	79.053	78.543			
64	T	6.1378	9.3944	4.4884	4.9716	4.7773	5.0171	5.1502	4.0224	5.4366	40.0014			
04	S	77.204	75.916	75.877	83.726	79.495	75.832	81.683	83.651	86.284	80.457			
65	T	5.4784	8.3730	4.3157	5.3985	4.8172	4.7644	5.3289	3.3440	3.2064	36.6535			
05	S	86.497	85.176	78.914	77.105	78.837	79.854	78.943	100.621	146.298	87.806			
66	T	2.7775	4.2071	2.0595	2.5983	2.1861	2.1583	2.5333	2.1185	2.7397	19.1712			
00	S	170.608	169.519	165.364	160.201	173.722	176.275	166.061	158.828	171.220	167.877			
67	T	2.6254	4.0552	2.0487	2.5633	2.2009	2.1058	2.4660	2.0053	2.6457	18.6611			
67	S	180.492	175.868	166.236	162.388	172.553	180.670	170.593	167.794	177.303	172.466			
68	T	2.6208	4.0510	2.0518	2.6045	2.1911	2.1028	2.4939	2.0983	2.6831	18.8463			
00	S	180.809	176.051	165.985	159.820	173.325	180.928	168.684	160.357	174.832	170.771			
69	T	2.5762	3.9953	2.0564	2.6403	2.2146	2.0992	2.4884	2.1322	2.7061	18.9134			
09	S	183.939	178.505	165.614	157.653	171.486	181.238	169.057	157.808	173.346	170.165			
70	T	2.5766	3.9731	2.0029	2.5548	2.2057	2.1001	2.4505	2.0875	2.6700	18.6481			
	S	183.910	179.503	170.038	162.929	172.178	181.160	171.672	161.187	175.689	172.586			
71	T	2.6424	4.0745		2.5716	2.1800				2.6647	18.6909			
	S	179.331	175.035	165.993	161.864		183.493	172.432		176.039	172.191			
72	Т	2.6229	4.0295		2.5375	2.1575	2.1028	2.5558	2.1879	2.7699	18.9534			
/2	S	180.664	176.990	168.673	164.039	176.024	180.928	164.599	153.790	169.353	169.806			
73	Т	2.6048	4.0210	2.0373	2.5415	2.1933	2.0876		2.0287	2.6900	18.6403			
	S	181.919	177.364	167.166	163.781		182.245			174.383	172.658			
74	Т	2.6191	4.0464	2.0420	2.5156				2.0549	2.7019	18.6806			
	S	180.926	176.251	166.782	165.467	173.920	182.525	169.691	163.744	173.615	172.286			
75	Т	2.6305	4.0906	2.0982	2.6111	2.2443	2.1571	2.5241	2.1214	2.7472	19.1339			
	S	180.142	174.347	162.314	159.416	169.217	176.373	166.666	158.611	170.752	168.204			
76	Т	2.6096	4.0478	2.0724	2.6134	2.2339	2.1072	2.4853	2.1048	2.7345	18.9611			
	S	181.585	176.190	164.335	159.275	170.004	180.550	169.268	159.862	171.545	169.737			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.6514	4.1153	2.0981	2.6419	2.2547	2.1342	2.4982	2.1175	2.7354	19.1314			
77	S	178.722	173.300	162.322	157.557	168.436	178.266	168.394	158.903	171.489	168.226			
70	Т	2.6255	4.0792	2.0861	2.5932	2.2297	2.1298	2.5400	2.2245	2.8536	19.2824			
78	S	180.485	174.834	163.256	160.516	170.325	178.634	165.623	151.260	164.386	166.909			
70	Т	2.6554	4.0810	2.0520	2.6764	2.2760	2.1386	2.5459	2.2078	2.8087	19.3608			
79	S	178.453	174.757	165.969		166.860	•	-		167.014	166.233		1	1
	Т	2.6458	4.1032	2.0930	2.6588	2.2688	2.1350	2.4794	2.1674	2.8032	19.2514			
80	S	179.100	173.811	162.718	156.556	167.389	178.199	169.671	155.245	167.341	167.177			
01	Т	2.6295	4.0388	2.0287	2.6448	2.2672	2.1455	2.5358	2.1808	2.7818	19.2141			
81	S	180.211	176.583	167.875	157.384	167.507	177.327	165.897	154.291	168.629	167.502			
02	Т	2.6361	4.0867	2.0909	2.6735	2.2698	2.1506	2.5226	2.1731	2.7826	19.2992			
82	S	179.759	174.513	162.881	155.695	167.316	-			168.580	166.763			
02	Т	2.6312	4.0674	2.0827	2.6853	2.2401	2.1087	2.5219	2.2593	2.8170	19.3462			
83	S	180.094	175.341	163.522	155.011	169.534	180.421	166.811	148.930	166.521	166.358			
0.4	Т	2.6332	4.0794	2.0954	2.6534	2.2503	2.1252	2.5447	2.2084	2.8024	19.3130			
84	S	179.957	174.825	162.531	156.874	168.765	179.021	165.317	152.362	167.389	166.644			
85	Т	2.6739	4.1512	2.1175	2.6346	2.2480	2.1264	2.5693	2.2230	2.8055	19.3982			
85	S	177.218	171.801	160.835	157.994	168.938	178.920	163.734	151.362	167.204	165.912			
86	Т	2.6580	4.1333	2.1215	2.6286	2.2360	2.1260	2.6164	2.2690	2.8028	19.4583			
00	S	178.278	172.545	160.532	158.354	169.845	178.953	160.787	148.293	167.365	165.400			
87	Т	2.6657	4.1457	2.1243	2.6598	2.2607	2.1692	2.6587	2.2277	2.8093	19.5754			
0/	S	177.763	172.029	160.320	156.497	167.989	175.389	158.228	151.042	166.978	164.410			
88	Т	2.6614	4.1284	2.1255	2.7485	2.2939	2.1516	2.6007	2.2581	2.7993	19.6390			
00	S	178.051	172.750	160.230	151.446	165.558	176.824			167.574	163.878			
89	Т	2.6369	4.0940	2.1116	2.6996	2.2464	2.1267	2.5494	2.3604	2.9175	19.6485			
09	S	179.705	174.202	161.284	154.190	169.058	178.894	165.012	142.551	160.785	163.799			
90	Т	2.6870	4.1510	2.1133	2.6790	2.2699	2.1719	2.6285	2.2098	2.8055	19.5649			
90	S	176.354	171.810	161.155	155.375	167.308	175.171	160.046	152.266	167.204	164.499			
91	T	2.6722	4.1508			2.2680	2.1898	2.6795	2.1801	2.8191	19.7064			
91	S	177.331	171.818	158.751	151.232	167.448	173.739	157.000	154.340	166.397	163.318			
92	Т	2.6484	4.0842	2.0886	-	2.3035				2.8233	19.6053			
32	S	178.924	174.620	163.061	150.423	164.868			-	166.150	164.160			
93	T	2.6547	4.1093	2.0938		2.2984		2.5977	2.2002	2.7944	19.5230			
	S	178.500	173.553	162.656		165.234		161.944		167.868	164.852			
94	Т	2.6437	4.1194	2.1312	2.6953	2.2630	2.1518	2.5895	2.2112	2.8054	19.4911			
7 **	S	179.243	173.128	159.801	154.435	167.818	176.808	162.457	152.170	167.210	165.122			
95	Т	2.6810	4.1564	2.1177	2.6806	2.2731	2.2058	2.7311	2.3828	2.9241	19.9962			
90	S	176.749	171.586	160.820	155.282	167.073	172.479	154.034	141.211	160.422	160.951			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.6978	4.1672	2.1112	2.7145	2.2952	2.1848	2.6608	2.2332	2.8198	19.7173			
96	S	175.648	171.142	161.315	153.343	165.464	174.137	158.104	150.670	166.356	163.227			
97	T	2.7443	4.2435	2.1441	2.7283	2.3209	2.2042	2.6551	2.2078	2.7962	19.8009			
97	S	172.672	168.065	158.840	152.568	163.632	172.604	158.443	152.404	167.760	162.538			
98	T	2.7563	4.2928	2.1895	2.7001	2.2800	2.2395	2.7570	2.3084	2.8646	20.0954			
96	S	171.920	166.134	155.546	154.161	166.567	169.884	152.587	145.762	163.754	160.156			
99	Т	2.6467	4.1013	2.1154	2.8285	2.3520	2.1984	2.6437	2.2297	2.8284	19.8428			
99	S	179.039	173.892	160.995	147.163	161.468	173.060	159.126	150.907	165.850	162.195			
100	Т	2.6801	4.1754	2.1590	2.7405	2.3023	2.2340	2.7786	2.3194	2.8396	20.0535			
100	S	176.808	170.806	157.743	151.888	164.954	170.302	151.401	145.071	165.196	160.491			
101	T	2.6759	4.1399	2.1205	2.8049	2.3737	2.2155	2.6729	2.2491	2.8324	19.9449			
101	S	177.086	172.270	160.607	148.401	159.992	171.724	157.388	149.605	165.616	161.365			
102	T	2.6534	4.0833	2.0710	2.6719	2.2614	2.1384	2.5538	2.2260	2.8281	19.4040			
102	S	178.587	174.658	164.446	155.788	167.937	177.916	164.728	151.158	165.868	165.863			
103	T	2.6354	4.0680	2.0759	2.6550	2.2498	2.1231	2.5407	2.1570	2.7683	19.2052			
103	S	179.807	175.315	164.058	156.780		179.198	165.577	155.993	169.451	167.580			
104	T	2.6877	4.1459	2.0943	2.6933	2.2723	2.1591	2.6082	2.2893	2.8578	19.6620			
104	S	176.308	172.021	162.617	154.550		176.210	161.292	146.978	164.144	163.686			
105	LT	2.6436	4.0728	2.0697	2.7067	2.2596	2.1288	2.5563	2.3115	2.8454	19.5216			
103	S	179.249	175.108	164.550	153.785	168.071	178.718	164.567	145.567	164.859	164.864			
106	T	2.6516	4.1018	2.0987	2.7541	2.2876		2.6356	2.1730	2.7817	19.5485			
100	S	178.709	173.870	162.276	151.138			159.615	154.845	168.635	164.637			
107	LT	2.6935	4.1666		2.8504			2.6144	2.3054	2.9154	20.0347			
107	S	175.929	171.166	160.941	146.032	161.276		160.910	145.952	160.901	160.641			
108	T	2.6869	4.1410	2.1103	2.8351	2.3267	2.1760	2.6139		2.9359	20.0459			
	S	176.361	172.225	161.384	146.820	-		160.940	142.509	159.778	160.552			
109	I	2.6991	4.1499	2.0966	2.7417	2.2970		2.6087	2.2696	2.8353	19.7092			
	S	175.564	171.855	162.438	151.822	165.334		161.261	148.254	165.447	163.294			
110	T	2.6480	4.0996	2.1260	2.9972	2.4213	2.2024	2.6245	2.2434	2.8266	20.0894		-	
== *	S	178.952	173.964	160.192	138.880	156.847	172.745	160.290	149.985	165.956	160.204		-	
111	T	2.6665	4.1393	2.1317	2.7071	2.2666		2.7056	2.3559	2.8935	19.9189			
	S	177.710	172.295	159.764	153.762	167.552	173.565	155.486	142.823	162.119	161.575			
112	T	2.7364	4.2548	2.1715	2.7981	2.3587	2.2563	2.7221	2.3358	2.9795	20.3584			
	S	173.170	167.618	156.835	148.762	161.009	168.619	154.543	144.052	157.439	158.087			
113	T	2.7710	4.2894	2.1812	2.8223			2.7780	2.4136	3.0398	20.6096			
	S	171.008	166.266	156.138	147.486	-		151.433	139.409	154.316	156.160			
114	Т	2.8450	4.3872	2.2214	2.8872	2.3220		2.8159		2.8943	20.7094			
	S	166.560	162.560	153.312	144.171	163.554	165.322	149.395	138.908	162.074	155.408			

Track: **Iowa Speedway** 0.894 mile(s)

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Race

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Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI	I to PO	PO to SF	SF to PI
	Т	2.7002	4.1963	2.1834	2.8709	2.3092	2.2333	2.8029	2.3957	2.9059	20.4015			
115	S	175.492	169.955	155.981	144.989	164.461	170.355		140.451	161.427	157.753			
446	Т	2.7026	4.1912	2.1670	2.9372	2.3588	2.2257	2.8094	2.5119	3.0051	20.7177			
116	S	175.336	170.162	157.161	141.717	161.003	170.937	149.741	133.953	156.098	155.345			
447	Т	2.7281	4.2196	2.1830	3.0189	2.3868	2.2339	2.8083	2.4529	2.9288	20.7407			
117	S	173.697	169.016	156.009	137.881	159.114	170.310	149.799	137.175	160.165	155.173			T
110	Т	2.7023	4.1965	2.1782	2.9614	2.3716	2.2324	2.7706	2.5044	2.9874	20.7083			
118	S	175.356	169.947	156.353	140.559	160.134	170.424	151.838	134.354	157.023	155.416			
119	Т	2.7214	4.2230	2.1969	2.9985	2.3876	2.3025	2.9583	2.5574	3.0116	21.1342			
119	S	174.125	168.880	155.022	138.819	159.060	165.235	142.204	131.570	155.761	152.284			
120	Т	2.7696	4.3623	2.3211	2.9273	2.4371	2.3976	3.0315	2.6151	3.0950	21.5943			
120	S	171.095	163.488	146.727	142.196	155.830	158.681	138.770	128.667	151.564	149.039			
121	Т	2.8268	4.3887	2.2368	2.8798	2.3764	2.2487	2.7698	2.3237	2.8859	20.5479			
121	S	167.633	162.504	152.257	144.541	159.810	169.189	151.882	144.802	162.546	156.629			
122	Т	2.7618	4.3217	2.2595	2.8161	2.3109	2.2627	2.8276	2.5476	3.0440	20.8302			
122	S	171.578	165.023	150.727	147.811	164.340	168.142	148.777	132.076	154.103	154.506			
123	Т	2.8050	4.3479	2.2122	2.8268	2.3634	2.2682	2.7981	2.3923	2.9593	20.6253			
123	S	168.935	164.029	153.950	147.251	160.689	167.734	150.346	140.650	158.514	156.041			
124	Т	2.7533	4.2836	2.2127	2.8349	2.3319	2.2344	2.7694	2.4189	3.0284	20.5839			
124	S	172.108	166.491	153.915	146.831	162.860	170.271	151.904	139.103	154.897	156.355			
125	Т	2.7583	4.2733	2.2042	2.8385	2.3239	2.2552	2.8424	2.4362	2.8966	20.5553			
125	S	171.796	166.893	154.509	146.644	163.420	168.701	148.002	138.116	161.945	156.573			
126	Т	2.7050	4.1988	2.1796	2.8720	2.3353	2.2557	2.8283	2.4507	2.9296	20.5562			
120	S	175.181	169.854	156.253	144.934	162.623	168.664	148.740	137.298	160.121	156.566			
127	Т	2.7408	4.2704	2.2129	2.7453	2.2761	2.1509	2.7489	2.5720	3.0312	20.4781			
12/	S	172.892	167.006	153.901	151.623	166.852	176.882	153.036	130.823	154.754	157.163			
128	Т	2.7591	4.2707	2.1839		2.3361	2.2288	2.7610	2.3702	2.9288	20.4029			
120	S	171.746	166.994	155.945	146.825	162.567	170.699	152.366	141.962	160.165	157.742			
129	Т	2.7097	4.2082	2.1889	2.9204	2.3600	2.2419	2.8172	2.4105	2.9097	20.5583			
129	S	174.877	169.474	155.589	142.532	160.921	169.702	149.326	139.588	161.216	156.550			
130	Т	2.7298	4.2372	2.1786	2.8376	2.3044	2.2457	2.8104	2.3978	2.9971	20.5014			
130	S	173.589	168.314	156.324	146.691	164.803	169.415	149.688	140.327	156.515	156.984			
131	T	2.7018	4.1630	2.1361	2.9463	2.3723	2.1998	2.6946	2.2815	2.8413	20.1737			
131	S	175.388	171.314	159.435	141.279	160.086	172.950	156.120	147.481	165.097	159.534			
132	Т	2.6878	4.1963	2.1907	2.8431	2.3338	2.1897	2.6879	2.3997	2.9050	20.2377			
132	S	176.302	169.955	155.461	146.407	162.727	173.747	156.509	140.216	161.477	159.030			
122	Т	2.7083	4.2150	2.1964	2.8805	2.3201	2.2893	2.8721	2.5677	3.0617	20.8961			
133	S	174.967	169.201	155.057	144.506	163.688	166.188	146.472	131.042	153.213	154.019			

Track: **Iowa Speedway** 0.894 mile(s)

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Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	2.8017	4.3869	2.2958	2.8531	2.3885	2.2759	2.9382	2.4087	2.9475	20.9094			
134	S	169.134	162.571	148.344	145.894	159.001	167.167	143.177	139.692	159.149	153.921			
125	Т	2.7258	4.2156	2.1691	2.8631	2.3436	2.2037	2.7020	2.3530	2.9178	20.2781			
135	S	173.844	169.177	157.009	145.384	162.047	172.644	155.693	142.999	160.769	158.713			
136	Т	2.7180	4.2253	2.1902	2.8954	2.3797	2.2925	2.8246	2.3475	2.8933	20.5412			
130	S	174.343	168.788	155.496	143.763	159.588	165.956	148.935	143.334	162.130	156.680			
137	Т	2.7579	4.3318	2.2768	2.8097	2.3051	2.2669	2.8038		2.9494	20.5774			
137	S	171.820	164.639	149.582	148.147	164.753	167.830	150.040	139.745	159.046	156.405			
138	Т	2.7379	4.2589	2.1833	2.7473		2.2541	2.7790	2.3830	2.9122	20.2916			
130	S	173.076	167.457	155.988	151.512	165.493	168.783	151.379	141.199	161.078	158.608			
139	Т	2.7115	4.2205	2.1709		2.2855	2.1879		2.3629	2.9094	20.0464			
139	S	174.761	168.980	156.879	153.751	166.166	173.890	155.176	142.400	161.233	160.548			
140	工	2.6840	4.1566	2.1284	2.7821	2.3288	2.2063	2.7239	2.3643	2.9109	20.1287			
140	S	176.551	171.578		149.617	163.077	172.440	154.441	142.316	161.150	159.891			
141	ፗ	2.7093	4.2032	2.1663	2.8468	2.3540	2.1855	2.6375	2.3235	2.8590	20.0819			
141	S	174.903	169.676	-	146.217	161.331	174.081	159.500	144.815	164.075	160.264			
142	工	2.6519	4.1151	2.1319					2.3338	2.8817	20.4068			
172	S	178.688	173.309	159.749			162.936	145.600	144.176	162.783	157.712			
143	I	2.6643	4.1103	2.0988	2.8224	2.3791		ļ	ļ		41.1967	31.6030		22.3749
110	S	177.857	173.511	162.268	147.481	159.629					78.123	31.510		126.963
144	T						2.4215		-	2.7569	31.3703		18.5891	
	S						157.115		155.130	170.152	102.594		138.519	
145	ፗ	2.6166	4.0268		2.6203					2.7073	18.8429			
	S	181.099	177.109		158.856		179.918		161.403	173.269	170.802			
146	ፗ	2.5784	3.9666	•		2.1910		2.4314		2.6682	18.5448			
	S	183.782	179.797	169.319	-		181.766		165.899	175.808	173.547			
147	I	2.5646	3.9624				2.0871	2.4412	2.0841	2.7070	18.5929			
<u> </u>	S	184.771	179.987	169.369		173.992	182.289	172.326	161.450	173.288	173.098			
148	듸	2.5904	4.0156					2.4583	2.0930	2.7140	18.6505			
<u> </u>	S	182.931	177.603	166.790	•		183.157	171.127	160.763	172.841	172.564			
149	T	2.5799	3.9665	1.9939	-		2.0893	2.4314	-	2.7305	18.6645			
<u> </u>	S	183.675	179.801	170.805	164.182		182.097	173.020	159.915	171.797	172.434			
150	I	2.5933	4.0184			+		2.5198		2.7257	18.8763			
	S	182.726	177.479		162.154	+	181.143		159.257	172.099	170.500			
151	듸	2.5972	4.0283				2.1016		2.0975	2.7166	18.8104			
-	S	182.452	177.043	165.445	-		181.031	169.815		172.676	171.097			
152	I	2.6086	4.0430						2.1027	2.7360	19.1021			
	S	181.654	176.399	164.454	158.294	170.462	177.434	162.916	160.022	171.451	168.484			

Track: Iowa Speedway 0.894 mile(s)

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Section Data for Car 12 - Power, Will

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
153	Т	2.5803	3.9747	2.0300	2.6529	2.2433	2.1171	2.5033	2.1497	2.7643	19.0409			
155	S	183.647	179.430	167.768	156.904	169.292	179.706	168.051	156.523	169.696	169.026			
154	Т	2.6626	4.1342	2.1033	2.6043	2.2413	2.2097	2.5831	2.1751	2.7809	19.3603			
134	S	177.970	172.508	161.921	159.832	169.443	172.175	162.859	154.695	168.683	166.237			
155	Т	2.6201	4.0232	2.0377	2.6509	2.2444		2.4428		2.7717	19.0247			
133	S	180.857	177.267	167.134		169.209	179.282	172.213		169.243	169.170			
156	Т	2.6257	4.0551	2.0613		2.2438				2.7486	19.1116			
150	S	180.471	175.873	165.220	1	169.254			157.985	170.665	168.400			
157	Т	2.6283	4.0747	2.0887	2.6722	2.2652	•	2.6367	•	2.7683	19.4024			
107	S	180.293	175.027	163.053	155.771	167.655	173.922	159.549		169.451	165.876			
158	Т	2.7149	4.1966		2.7601	2.2807					19.9066			
130	S	174.542	169.943	159.869		166.516		154.492		167.282	161.675			
159	Т	2.6511	4.0895		2.7749	2.2803				2.8295	19.8432			
133	S	178.742	174.393	163.319		166.545	172.863	154.867	145.990	165.786	162.192			
160	Т	2.6580	4.1204		2.6338	2.2415		-		2.8203	19.4924			
	S	178.278	173.086			169.428				166.327	165.111			
161	Т	2.6882	4.1592		2.6699	2.2581	2.2520			2.8238	19.9409			
	S	176.275	171.471	161.124		168.182	168.941	148.919		166.120	161.397			
162	Т	2.6838	4.1772	2.1579	•	2.2843				2.8184	19.6018			
	S	176.564	170.732	157.824		166.253				166.439	164.189			
163	T	2.6442	4.0647	2.0490		2.2873	2.1653	-			19.4752			_
	S	179.209	175.457	166.212	154.344	166.035	175.705			167.037	165.256		_	_
164	T	2.6267	4.0561	2.0589		2.2600					19.2752			
<u> </u>	S	180.403	175.829		157.497	168.041	176.758		•	168.635	166.971		+	
165	T	2.6444	4.0929			2.2569		2.7733		2.8192	19.7630		+	-
	S	179.195	174.249		158.132	168.272	170.051	151.690		166.391	162.850		+	+
166	Т	2.6996	4.2201	2.1816		2.3327	2.3364			2.9714	20.4980		+	+
	S	175.531	168.996			162.804	162.838			157.869	157.010		+	+
167	Т	2.7182	4.1910			2.2893	2.1848			2.8207	19.9142		+	+
	S	174.330	170.170			165.890	174.137	156.801	147.094	166.303	161.613		+	+
168	S	2.6382 179.616	4.0995 173.968		2.7954 148.905	2.2894 165.883	2.1647 175.754	2.6726 157.405		2.8028 167.365	19.7960 162.578		+	+
	T	2.6354	4.1115		2.7382	2.2662	2.1748			2.8096	19.7604		+	+
169	S	179.807	173.460			167.581	174.938			166.960	162.871		+	+
	T	2.6298	4.0775		2.7797	2.2840				2.8489	19.7865		+	+
170	S	180.190	174.907	161.246		166.275				164.657	162.656		+	+
	T	2.6623	4.1412	2.1469		2.2962		-	-	2.8221	19.7570		+	+
171	S	177.990	172.216			165.392				166.221	162.899		+	+
L	3	1/7.990	1/2.216	158.833	149./63	105.392	173.620	100.010	150.907	100.221	102.899			

Track: **Iowa Speedway** 0.894 mile(s)

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Lap	T/S ^S	F to T1	<u>-</u>	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
472	Т	2.6617	4.1378	2.1396	2.7834	2.2982	2.1640	2.6106	2.2171	2.8164	19.6910			
172	S	178.030	172.358	159.174	149.547	165.248	175.811	161.144	151.765	166.557	163.445			
470	Т	2.6460	4.1068	2.1147	2.7104	2.2856	2.1683	2.6053	2.1931	2.7977	19.5211			
173	S	179.087	173.659	161.048	153.575	166.159	175.462	161.472	153.425	167.670	164.868			
174	Т	2.6417	4.1056	2.1207	2.7432	2.2882	2.1670	2.5871	2.3171	2.8929	19.7579			
1/4	S	179.378	173.710	160.592	151.739	165.970	175.567	162.607	145.215	162.152	162.892			
175	T	2.6888	4.1602	2.1324	2.8370	2.3315	2.1913	2.7104	2.2961	2.8106	19.9981			
1/5	S	176.236	171.430	159.711	146.722	162.888	173.620	155.210	146.543	166.901	160.935			
176	T	2.6699	4.1606	2.1624	2.8185	2.2963	2.1686	2.6730	2.3560	2.8853	20.0300			
170	S	177.484	171.413	157.495	147.685	165.385	175.438	157.382	142.817	162.580	160.679			
177	T	2.6922	4.1884	2.1701	2.8008	2.2987	2.1653	2.6179	2.3388	2.9158	19.9996			
1//	S	176.014	170.275	156.937	148.618	165.212	175.705	160.694	143.867	160.879	160.923			
178	T	2.6860	4.1527	2.1265	2.8061	2.3011	2.1662	2.6241	2.2739	2.8807	19.8646			
1/6	S	176.420	171.739		148.338	165.040	175.632	160.315	147.974		162.017			
179	T	2.7023	4.2068	2.1736	2.8167	2.3203	2.2083	2.7134	2.3605	2.9182	20.2133			
1/9	S	175.356	169.531	156.684	147.779	163.674	172.284	155.039	142.545	160.747	159.222			
180	T	2.7009	4.1844	2.1480	2.7828	2.3150	2.1872	2.7373	2.4212	2.9259	20.2183			
100	S	175.447	170.438	158.551	149.580	164.049	173.946	153.685	138.971	160.324	159.183			
181	ഥ	2.7174	4.2292	2.1905	2.8529	2.3359	2.2151	2.7231	2.3838	2.9413	20.3600			
101	S	174.381	168.633	155.475	145.904	162.581	171.755	154.486	141.152	159.484	158.075			
182	工	2.7182	4.1993		2.8021	2.3356	2.2435	2.7471	2.3636	2.9577	20.3073			
102	S	174.330	169.834		148.549	162.602	169.581	153.137	142.358		158.485			
183	ഥ	2.7291	4.2349		2.7487	2.3101	2.2444				20.2007			
103	S	173.634	•	•	151.435	164.397	169.513	153.254	144.071	160.857	159.321			
184	ഥ	2.7063		2.1336		2.3388	2.1908			2.9150	20.0211			
101	S	175.096	170.263	159.621	148.847	162.379	173.660	159.506	146.123	-	160.750			
185	I	2.6867	4.1696			2.3577	2.2130		2.3893		20.3056			
	S	176.374			145.080	-	171.918	155.308	140.827	160.088	158.498			
186	ഥ	2.6909		2.1339		2.2875	2.2670	2.8255	•	2.8983	20.2635			
	S	176.099	171.146		152.121	166.021	167.823	148.888	138.805	161.850	158.827			
187	I	3.1133	4.9386	2.6709	3.8710	3.3749	3.4825	4.4720	4.1829		30.0383			
	S	152.206	144.410	127.511	107.530	112.529	109.248	94.070	80.441	96.307	107.143		4	
188	I	4.2573	6.4178	3.0422	3.7935	3.5177	3.3867	4.3781	3.7209		31.5133			
	S	111.306	111.126	111.948	109.727	107.961	112.338	96.088	90.429	86.598	102.128			
189	I	5.0812	7.5063	3.4855	4.5740	4.2319	4.0072	5.1812	4.9589	6.7040	38.2239			
	S	93.258	95.011	97.710	91.003	89.740	94.943	81.194	67.853	69.972	84.199			
190	T	6.4151	9.6396		5.6523	5.2528	5.3368	5.9704	4.7062	6.1517	44.0031			
190	S	73.867	73.985	75.384	73.643	72.299	71.289	70.461	71.497	76.254	73.140		1	

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap		F to T1 5			SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
404	T	6.6513	10.0497	4.8570	5.5677	4.3336	5.5149	6.0651			56.9834	30.8631		38.9746
191	S	71.244	70.965	70.119	74.762	87.634	68.987	69.361			56.480	32.265		72.888
400	Т						3.8271	4.7991	3.8371	5.2640	40.9090		28.0547	
192	S					1	99.411	87.658	87.691	89.113	78.672		91.783	
103	Т	5.8700	8.6547	3.9277	4.8315	5.3881	4.5652	3.9582	3.3044	4.3498	36.1949			
193	S	80.726	82.404	86.709	86.153	70.484	83.338	106.281	101.827	107.842	88.919			
404	Т	4.3458	6.9210	3.7580	4.8207	4.4100	4.5676	5.0424	4.3516	6.2809	37.5770			
194	S	109.039	103.046	90.625	86.346	86.116	83.294	83.429	77.323	74.685	85.648			
105	Т	6.7300	9.9611	4.5270	5.4060	4.9286	4.7879	5.2280	4.3076	6.2978	42.2129			
195	S	70.411	71.597	75.230	76.998	77.055	79.462	80.467	78.112	74.485	76.242			
106	Т	6.4611	9.7084	4.5328	5.1633	4.7501	5.6055	5.7086	4.7009	6.5805	43.5028			
196	S	73.341	73.460	75.134	80.617	79.950	67.872	73.693	71.577	71.285	73.981			
107	Т	6.8928	10.3396	4.8202	6.0794	5.4866	5.3802	5.5759	4.6680	6.6521	45.5552			
197	S	68.748	68.976	70.654	68.469	69.218	70.714	75.446	72.082	70.518	70.648			
198	Т	6.3377	9.3560	4.2630	5.3317	5.1856	4.9451	5.3039	4.3532	5.9909	41.7111			
198	S	74.769	76.227	79.889	78.071	73.236	76.936	79.316	77.294	78.301	77.159			
100	Т	5.9427	8.9733	4.3816	5.2124	4.8696	5.0285	5.4714	3.9617	3.6331	38.5010			
199	S	79.739	79.478	77.727	79.858	77.988	75.660	76.887	84.933	129.116	83.593			
200	Т	2.9197	4.3817	2.0930	2.6150	2.1997	2.1286	2.4803	2.0686	2.6662	19.1711			
200	S	162.299	162.764	162.718	159.178	172.648	178.735	169.609	162.659	175.940	167.878			
201	Т	2.5754	3.9724	2.0123	2.5369	2.1541	2.0851	2.4635	2.1420	2.7605	18.7298			
201	S	183.996	179.534	169.243	164.078	176.302	182.463	170.766	157.086	169.930	171.833			
202	Т	2.6027	4.0102	2.0221	2.5275	2.1800	2.0718	2.4010	2.0773	2.7065	18.5889			
202	S	182.066	177.842	168.423	164.688	174.208	183.635	175.211	161.978	173.320	173.136			
203	Т	2.5776	3.9393	1.9648	2.5882	2.2247	2.1032	2.3882	2.0554	2.6880	18.5901			
203	S	183.839	181.043	173.335		170.707	180.893	176.150		174.513	173.124			
204	T	2.5854	3.9888	2.0179	2.5942	2.2222	2.1044	2.4129	2.0792	2.6960	18.7122			
204	S	183.284	178.796	168.774	160.454	170.899	180.790	174.347	161.830	173.995	171.995			
205	T	2.5813	3.9641	1.9929	2.5809	2.2145	2.1010	2.4183	2.0944	2.7208	18.7041			
203	S	183.576	179.910	170.891	161.281	171.494				172.409	172.069			
206	I	2.5974	4.0068	2.0204		2.2158			-	2.6952	18.6971			
200	S	182.438	177.993	168.565	-	171.393	181.108	-	-	174.047	172.134			
207	T	2.5760	3.9711	2.0099	-	2.2123				2.7227	18.7870			
207	S	183.953	179.593	169.445	+	171.664	181.584		+	172.289	171.310			
208	T	2.6001	4.0042	2.0199		2.2449	2.2468			2.7462	19.3295			
	S	182.248	178.108	168.606		169.171	169.332	-	-	170.815	166.502			
209	Т	2.5940	3.9735	1.9904		2.2156				2.7353	18.8989			
209	S	182.677	179.485	171.105	160.988	171.409	181.117	167.302	155.568	171.495	170.296			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap			SF to TB	·	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	T	2.5990	4.0146	2.0609	2.7165	2.2602	2.1318	2.5351	2.2003	2.7565	19.2603			
210	S	182.325	177.647	165.252	153.230	168.026	178.466	165.943	152.923	170.176	167.100			
211	Т	2.6003	4.0284	2.0743	2.6902	2.2361	2.1001	2.4815	2.1847	2.7543	19.1215			
211	S	182.234	177.038	164.185	154.728	169.837	181.160	169.527	154.015	170.312	168.313			
212	Т	2.6050	4.0252	2.0593	2.6393	2.2372	2.1090	2.4859	2.1206	2.7415	18.9978			
212	S	181.905	177.179	165.381	157.712	169.754	180.396	169.227	158.671	171.107	169.409			
213	T	2.5924	3.9968	2.0334	2.6753	2.2535	2.1255	2.5030	2.1562	2.7612	19.1005			
213	S	182.790	178.438	167.487	155.590	168.526	178.995	168.071	156.051	169.887	168.498			
214	I	2.6051	4.0152	2.0422	2.7020	2.2811	2.1648	2.6059	2.2398	2.8247	19.4656			
217	S	181.898	177.620	166.765		166.487	175.746	161.434	150.226	166.068	165.338			
215	T	2.6818	4.1679	2.1365		2.2823	2.2442	2.7160	2.2586	2.8395	19.8711			
213	S	176.696	171.113		-	166.399	169.528		-	165.202	161.964			
216	I	2.6531	4.0802	_		2.2430					19.1498			
210	S	178.608	174.791			169.315	179.519				168.064			
217	ഥ	2.5995	4.0175				•	 	-	2.7548	19.1799			
217	S	182.290	177.519			167.781	178.232				167.801			
218	ഥ	2.6150	4.0442			2.2424	2.1164			2.7336	18.9980			
	S	181.210	176.347			169.360	179.765				169.407			
219	ഥ	2.6059	4.0254			2.2837	2.1441	+	+	•	19.2592			
	S	181.843	177.170			166.297	177.443				167.110			
220	ፗ	2.6421	4.0689			2.2553	2.1297				19.2024			
	S	179.351	175.276		157.420	168.391	178.642				167.604			
221	ㅁ	2.6152	4.0336			2.2986					19.5808			
	S	181.196	176.810			165.219	176.775	•	•	•	164.365	•	_	
222	I	2.6210	4.0502		-	2.2525	2.1236	 			19.6126		_	
	S	180.795	176.086		152.719	168.601	179.155			164.409	164.099		_	
223	I	2.6526	4.0966			2.2806					20.0143			+
	S	178.641	174.091			166.523	174.360			163.145	160.805	-	+	+
224	T	2.6713	4.1323	+		2.3413	2.2002		+		20.1237		+	+
	S	177.391	172.587		143.852	162.206	172.918			164.449	159.931		-	+
225	T	2.6405	4.0797			2.2683	2.1481				19.7227		_	+
	S	179.460	174.812		150.265	167.426	177.112		-		163.183		+	+
226	-	2.6313	4.0661			2.2933	2.1670			2.8321	19.8234	-	_	+
	S	180.087	175.397	162.314		165.601	175.567	 	+	165.634 2.8555	162.354	 	+	+
227	-	2.6749	4.1706			2.3177	2.1676				20.1223	 	+	+
	S	177.152	171.002		144.036	163.858	175.519			164.276	159.942	-	+	+
228	T	2.6786	4.1592			2.3061	2.1859			2.8749	19.8665		_	+
	S	176.907	171.471	159.003	150.445	164.682	174.049	158.772	148.706	163.168	162.001			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	2.6970	4.1913	2.1511	2.6892	2.2616	2.1580	2.6092	2.2898	2.9206	19.7765			
229	S	175.700	170.158	158.323	154.786	167.922	176.300	161.230	146.946	160.615	162.739			
220	Т	2.6932	4.1644	2.1176	2.6995	2.2831	2.1903	2.6935	2.3824	2.8928	19.9524			
230	S	175.948	171.257	160.827	154.195	166.341	173.700	156.184	141.235	162.158	161.304			
224	Т	2.6759	4.1457	2.1319	2.7700	2.3187	2.2019	2.6731	2.2939	2.8880	19.9534			T
231	S	177.086	172.029	159.749	150.271	163.787	172.785	157.376	146.683	162.428	161.296			T
232	T	2.7123	4.1965	2.1324	2.7601	2.3132	2.2012	2.7015	2.2396	2.8251	19.8854			
232	S	174.709	169.947	159.711	150.810	164.176	172.840	155.722	150.240	166.044	161.847			
233	Т	2.6839	4.1833	2.1656	2.7463	2.2947	2.2686	2.7618	2.2352	2.8521	20.0082			
233	S	176.558	170.483	157.263	151.568	165.500	167.705	152.322	150.536	164.472	160.854			
234	Т	2.6642	4.1261	2.1185	2.7098	2.2679	2.2841	2.7657	2.3069	2.8233	19.9404			
234	S	177.863	172.846	160.759	153.609	167.456	166.567	152.107	145.857	166.150	161.401			
225	Т	2.6691	4.1603	2.1558	2.6919	2.2883	2.2337	2.8246	2.4195	2.8961	20.1790			
235	S	177.537	171.426	157.978	154.631	165.963	170.325	148.935	139.069	161.973	159.493			
236	Т	2.6687	4.1227	2.1111	2.7376	2.2946	2.2917	2.7549	2.3027	2.8327	19.9940			
230	S	177.563	172.989	161.323	152.049	165.507	166.014	152.703	146.123	165.599	160.968			
237	T	2.7652	4.3094	2.2108	2.7865	2.3042	2.1574	2.6854	2.4598	2.9498	20.3191			
237	S	171.367	165.494	154.047	149.381	164.818	176.349	156.655	136.791	159.025	158.393			
238	T	2.6961	4.1567	2.1334	2.8356	2.3028	2.1648	2.5768	2.2283	2.8563	19.7941			
236	S	175.759	171.574	159.636	146.794	164.918	175.746	163.257	151.002	164.230	162.594			
239	Т	2.6660	4.1153	2.0818	2.7018	2.2961	2.1600	2.5259	2.2552	2.8931	19.5799			
239	S	177.743	173.300	163.593	154.064	165.399	176.136	166.547	149.201	162.141	164.373			
240	Т	2.6799	4.1187	2.0663	2.7149	2.3088	2.1788	2.5852	2.2762	2.8608	19.6709			
240	S	176.821	173.157	164.820	153.321	164.489	174.617	162.727	147.824	163.972	163.612			
241	Т	2.6791	4.1186	2.0737	2.6946	2.2873	2.1612	2.5111	2.2023	2.8068	19.4161			
241	S	176.874	173.161	164.232	154.476	166.035	176.039	167.529	152.784	167.127	165.759			
242	Т	2.6231	4.0209	2.0257	2.7522	2.3264	2.1596	2.5581	2.1956	2.7920	19.4327			
272	S	180.650	177.369	168.124	151.243	163.245	176.169	164.451	153.251	168.013	165.618			
243	T	2.6277	4.0564	2.0571	2.6848	2.2922	2.1573	2.5886	2.2288	2.8260	19.4625			
273	S	180.334	175.816	165.557	155.039	165.680	176.357	162.513	150.968	165.991	165.364			
244	Т	2.6736			2.8134	2.3861	2.2305	2.7019		2.8750	20.1304			
477	S	177.238				159.160	170.569	155.699	145.209	163.162	159.878			
245	T	2.6904	4.1794	2.1467	2.7994	2.3373	2.1922	2.6380	2.2862	2.8536	19.9438			
2-13	S	176.131	170.642	158.647	148.693	162.484	173.549	159.470	147.178		161.373		1	
246	Т	2.6757	4.1370	2.1129	2.8252	2.3470	2.1811	2.6147	2.3197	2.8728	19.9491			
270	S	177.099	172.391	161.185	147.335	161.812	174.432	160.891	145.052	163.287	161.331			
247	Т	2.6936	4.1763	2.1509	2.8025	2.3212	2.2037	2.7049	2.3803	2.9385	20.1956			
247	S	175.922	170.769	158.338	148.528	163.611	172.644	155.526	141.359	159.636	159.361			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Section Data for Car 12 - Power, Will

Report:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.7066	4.1958	2.1467	2.7903	2.3399	2.1869	2.6541	2.2373	2.8145	19.8763			
248	S	175.077	169.975	158.647	149.178	162.303	173.970	158.503	150.394	166.669	161.921			
249	Т	2.6432	4.0831	2.0832	2.7482	2.2995	2.1635	2.6269	2.3361	2.8935	19.7941			
249	S	179.276	174.667	163.483	151.463	165.154	175.851	160.144	144.034	162.119	162.594			
250	Т	2.6981	4.1806	2.1485	2.8003	2.3262	2.2666	2.8612	2.4103	2.9002	20.4114			
250	S	175.629	170.593	158.514	148.645	163.259	167.853	147.030	139.600	161.744	157.677			
251	Т	2.7541	4.3013	2.2319	2.8014	2.3317	2.2193	2.7505	2.3843	2.9144	20.3876			
251	S	172.058	165.806	152.591	148.586	162.874	171.430	152.947	141.122	160.956	157.861			
252	Т	2.7731	4.3600	2.3004	2.9738	2.4290					43.0260	31.2370		24.5906
232	S	170.879	163.574	148.047	139.972	156.349					74.801	31.879		115.524
253	Т						2.4655		2.2027	2.7599	31.7962		18.9946	l l
233	S						154.311	155.514	152.757	169.967	101.220		135.562	
254	LT	2.6215	4.0563	2.0662	2.6110		2.2272	2.7087	2.1928	2.7896	19.4277			
237	S	180.760	175.821	164.828	159.422	171.788	170.822	155.308	153.446	168.157	165.660			
255	ፗ	2.6084	4.0059	2.0296	2.6263		2.0901	2.4257	2.0494	2.6821	18.7163			
233	S	181.668	178.033	167.801	158.493		182.027	173.427	164.183	174.897	171.957			
256	T	2.5677	3.9562	2.0048			2.0871	2.4703	2.1538	2.7349	18.8062			
	S	184.548	180.269	169.876			182.289	170.296	156.225	171.520	171.135			
257	工	2.5820	3.9701	2.0214			2.0830	2.4879	2.1395	2.7125	18.8039	•		Ļ
	S	183.526	179.638	168.481	160.814		182.647	169.091	157.269	172.937	171.156			
258	ፗ	2.5706	3.9608	2.0229				2.5669	2.1901	2.7563	19.0327			
	S	184.340	180.060	168.356				163.887	153.636	170.189	169.098			
259	I	2.6182	4.0589	2.0952				2.7152	2.2401	2.8472	19.6725			
	S	180.988	175.708	162.547	156.332	·	167.956	154.936	150.206	164.755	163.599			
260	ፗ	2.6573	4.0870	2.0775		2.2515		2.4864	2.0998	2.7230	19.0933			
	S	178.325	174.500	163.932	155.451	168.675	179.451	169.193	160.243	172.270	168.562			
261	፲	2.6001	4.0422	2.0838				2.5770		2.7204	19.1050			_
	S	182.248	176.434	163.436			180.029	163.245	157.115	172.435	168.459			
262	I	2.5958	4.0293	2.0685					ļ		34.6866			22.0636
-	S	182.550	176.999	164.645	158.777	169.625				1015	92.785	39.247		128.755
263	I					-	4.5049	4.2039	3.3857	4.0465	41.1770		28.4277	
-	S	2.0605	5 04 40	2 1016	2.0407	4 4700	84.453	100.069	99.382	115.925	78.160		90.579	4
264	T	3.8685	6.0143	3.1016	3.9487	4.4732	3.9655	4.1616	3.3146	4.8832	31.7169			
<u> </u>	S	122.493	118.581	109.804	105.414		95.941	101.087	101.514	96.062	101.473			
265	I	5.1983	7.7168	3.5798	6.0343		4.3837	4.7944	4.7133	7.0671	44.5044			
-	S	91.157	92.419	95.136	68.981	43.485	86.788	87.744	71.389	66.377	72.316			
266	I	6.0435	9.8356	5.2454	6.1615		5.3280	5.8602	4.5245	6.4407	46.6637			
	S	78.409	72.510	64.927	67.557	53.793	71.407	71.786	74.368	72.832	68.970			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 12 - Power, Will

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	T	5.8544	9.4663	5.1660	6.6202	6.8675	6.0261	5.4101	4.8418	7.4400	48.2261			
267	S	80.941	75.339	65.925	62.876	55.300	63.134	77.759	69.494	63.050	66.736			
260	Т	6.5159	9.2728	4.0517	5.9289	6.2611	5.4625	6.8495			59.6305	30.8819)	41.5669
268	S	72.724	76.911	84.056	70.207	60.656	69.648	61.418			53.972	32.245		68.343
260	T		1		1	ì	3.8305	4.5207	4.1324	7.0232	42.8287		30.0104	
269	S						99.322	93.057	81.424	66.792	75.146		85.802	
270	Т	8.0340	11.2934	4.7058	5.6799	6.2847	5.1304	5.2460	5.1544	7.8469	48.0821			
270	S	58.982	63.150	72.372	73.285	60.428	74.157	80.191	65.280	59.780	66.936			
271	Т	6.5453	9.7856	4.5125	5.8236	5.8245	5.6428	5.6199	4.6802	7.6592	46.3080			
2/1	S	72.398	72.881	75.472	71.476	65.203	67.423	74.856	71.894	61.245	69.500			
272	Т	7.1768	9.9185	4.0231	4.7605	6.1520	5.1532	4.6725	4.2176	6.5177	42.6734			
2/2	S	66.027	71.904	84.653	87.438	61.732	73.829	90.034	79.779	71.972	75.419			
273	Т	6.1584	8.4967	3.3428	4.9269	4.7771	4.3786	5.0728	3.3533	3.2190	35.2289			
2/3	S	76.946	83.936	101.881	84.485	79.499	86.890	82.929	100.342	145.726	91.357			
274	Т	3.0105	4.7248	2.4702	2.9960	2.4114	2.4353	3.1206	2.4545	2.9508	21.8493			
2/4	S	157.404	150.944	137.871	138.935	157.491	156.225	134.808	137.086	158.971	147.300			
275	Т	2.8403	4.4314	2.2935	2.9517	2.3606	2.2310	2.7350	2.2501	2.9026	20.5648			
275	S	166.836	160.938	148.493	141.020	160.880	170.531	153.814	149.539	161.611	156.500			
276	Т	2.6307	4.0551	2.0720	2.7876	2.2806	2.3009	2.8335	2.3871	2.8488	20.1412			
2/6	S	180.128	175.873	164.367	149.322	166.523	165.350	148.467	140.957	164.663	159.792			
277	Т	2.6667	4.1458	2.1376	2.6713	2.2368	2.1819	2.6949	2.2062	2.7321	19.5275			
2//	S	177.697	172.025	159.323	155.823	169.784	174.368	156.103	152.514	171.696	164.814			
278	Т	2.6360	4.0932	2.1090	2.6819	2.2042	2.1635	2.6249	2.1537	2.7049	19.2781			
2/6	S	179.766	174.236	161.483	155.207	172.295	175.851	160.266	156.232	173.423	166.946			
279	Т	2.5556	3.9335	2.0006	2.5648	2.1858	2.0763	2.4436	2.0559	2.6781	18.5607			
2/9	S	185.422	181.310	170.233	162.293	173.745	183.237	172.157	163.664	175.158	173.399			
280	Т	2.5876	3.9828	2.0074	2.6503	2.2462	2.1170	2.5810	2.2556	2.7769	19.2220			
200	S	183.129	179.065	169.656	157.058	169.073	179.714	162.992	149.174	168.926	167.433			
281	Т	2.5969	3.9998	2.0498	2.7243	2.2375	2.1313	2.6481	2.2736	2.7885	19.4500			
201	S	182.473	178.304	166.147	152.792	169.731	178.508	158.862	147.993	168.223	165.470			
282	Т	2.6220	4.0460	2.0742	2.7638	2.2693	2.1349		2.1013		19.2168			
202	S	180.726	176.268	164.193	150.608	167.352	178.207	166.567	160.128		167.478			
283	Т	2.6033	4.0393	2.0773	2.7414	2.2583	2.1286		2.2298	2.7697	19.3898			
203	S	182.024	176.561	163.948	151.838	168.168	178.735	162.967	150.900		165.984			
284	Т	2.6178	4.0436	2.0812	2.7627	2.2603	2.1352	2.6198	2.2619	2.7894	19.5283			
204	S	181.016	176.373	163.640	150.668	168.019	178.182	160.578	148.759	168.169	164.807			
285	Т	2.6434	4.1030	2.1225	2.7504	2.2541	2.1488	2.6291	2.1900	2.7769	19.5152			
205	S	179.263	173.820	160.456	151.342	168.481	177.054	160.010	153.643	168.926	164.918			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6514	4.1161	2.1244	2.7527	2.2562	2.1338	2.5397	2.1469	2.7653	19.3704			
200	S	178.722	173.266	160.313	151.215	168.324	178.299	165.642	156.727	169.635	166.150			
287	Т	2.6250	4.0765	2.1038	2.7394	2.2550	2.1457	2.6184	2.2463	2.7741	19.5077			
267	S	180.519	174.950	161.882	151.949	168.414	177.310	160.664	149.792	169.097	164.981			
288	Т	2.5979	4.0097	2.0604	2.7134	2.2388	2.1233	2.6103	2.2228	2.7587	19.3256			
200	S	182.403	177.864	165.292	153.405	169.632	179.181	161.162	151.375	170.041	166.536			
289	Т	2.5976	4.0207	2.0603	2.6759	2.2340	2.1042	2.4605	2.0973	2.7234	18.9532			
209	S	182.424	177.378	165.300	155.555	169.997	180.807	170.974	160.434	172.245	169.808			
290	Т	2.5801	3.9672	2.0130	2.7283	2.2593	2.1700	2.6007	2.2140	2.8202	19.3856			
290	S	183.661	179.770	169.184	152.568	168.093	175.325	161.757	151.977	166.332	166.020			
291	Т	2.6190	4.0433	2.0728	2.7081	2.2346	2.1759	2.7295	2.2267	2.7584	19.5250			
291	S	180.933	176.386	164.303	153.706	169.951	174.849	154.124	151.110	170.059	164.835			
292	Т	2.6038	4.0563	2.1185	2.7631	2.2550	2.1738	2.6797	2.2262	2.7649	19.5850			
292	S	181.989	175.821	160.759	150.646	168.414	175.018	156.988	151.144	169.659	164.330			
293	Т	2.6291	4.0860	2.1135	2.7627	2.2686	2.1671	2.6563	2.2606	2.7838	19.6417			
293	S	180.238	174.543	161.139	150.668	167.404	175.559	158.371	148.844	168.507	163.855			
294	Т	2.6191	4.0521	2.0904	2.8028	2.2789	2.1671	2.5977	2.2526	2.8409	19.6495			
294	S	180.926	176.003	162.920	148.512	166.647	175.559	161.944	149.373	165.121	163.790			
295	Т	2.6616	4.1201	2.1059	2.6891	2.2854	2.1756	2.6295	2.2693	2.8344	19.6508			
293	S	178.037	173.098	161.721	154.792	166.173	174.873	159.985	148.274	165.499	163.780			
296	Т	2.6277	4.0364	2.0383	2.6938	2.2849	2.1646	2.6813	2.3680	2.8404	19.6990			
290	S	180.334	176.688	167.084	154.521	166.210	175.762	156.895	142.093	165.150	163.379			
297	Т	2.6300	4.0768	2.1060	2.7573	2.2551	2.1731	2.6417	2.3202	2.8786	19.7620			
237	S	180.176	174.937	161.713	150.963	168.406	175.075	159.247	145.021	162.958	162.858			
298	Т	2.7259	4.2493	2.1834	2.6938	2.2648	2.1920	2.6932	2.2942	2.8717	19.9190			
	S	173.837	167.835	155.981	154.521	167.685	173.565		146.664	163.350	161.574			
299	Т	2.7090	4.1695							2.8040	19.7609			
	S	174.922	171.047	161.216		165.840	172.691	156.953	150.995	167.293	162.867			
300	Т	3.0480	4.8668	2.6664	4.4736	5.5874	6.0859	7.5210						40.4984
	S	155.467	146.540	127.726	93.046	67.969	62.514	55.934						70.146

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap P	I to PO	PO to SF	SF to PI
	Т	8.0458	11.5575	4.7255	4.8764	5.6645	4.8961	4.7426	4.0934	4.5594	41.6037		33.6653	В
1	S	58.896	61.707	72.070	85.360	67.044	77.706	88.703	82.200	102.884	77.359		76.487	'
	Т	4.5534	6.6926	3.0280	3.6371	3.2598	3.5704	3.8150	2.8444	3.1679	27.8760			
2	S	104.068	106.563	112.473	114.446	116.502	106.558	110.270	118.295	148.076	115.454			
3	Т	2.9622	4.7060	2.5015	3.0837	2.4076	2.2797	2.9157	2.4375	2.9865	21.5744			
	S	159.970	151.547	136.146	134.984	157.739	166.888	144.282	138.042	157.070	149.177			
4	Т	2.9653	4.7269	2.5090	2.8771	2.3004	2.2021	2.8394	2.2930	2.8497	20.8360			
4	S	159.803	150.877	135.739	144.677	165.090	172.769	148.159	146.741	164.611	154.463			
_	Т	2.7263	4.3514	2.3271	2.7861	2.2711	2.1944	2.6896	2.1985	2.7321	19.9252			
5	S	173.812	163.897	146.349	149.402	167.220	173.375	156.411	153.049	171.696	161.524			
	Т	2.7248	4.2953	2.2532	2.6978	2.2328	2.1670	2.6661	2.1948	2.7619	19.6984			
6	S	173.908	166.038	151.149	154.292	170.088	175.567	157.789	153.307	169.844	163.384			
-	Т	2.6904	4.2038	2.1711	2.6767	2.2307	2.1834	2.6209	2.2067	2.7532	19.5331			
7	S	176.131	169.652	156.864	155.509	170.248	174.249	160.510	152.480	170.380	164.766			
	Т	2.6262	4.0942	2.1205	2.6918	2.2410	2.1437	2.6937	2.2530	2.8270	19.5969			
8	S	180.437	174.193	160.607	154.636	169.466	177.476	156.172	149.346	165.932	164.230			
	Т	2.6750	4.2390	2.2309	2.7837	2.3464	2.1731	2.7019	2.2952	2.8357	20.0419			
9	S	177.145	168.243	152.660	149.531	161.853	175.075	155.699	146.600	165.423	160.584			
10	Т	2.6693	4.2175	2.2249	2.7601	2.2924	2.2232	2.7578	2.2745	2.8371	20.0393			
10	S	177.524	169.101	153.071	150.810	165.666	171.129	152.543	147.935	165.342	160.604			
44	Т	2.6362	4.1284	2.1603	2.7666	2.2977	2.1478	2.6827	2.2961	2.8583	19.8457			
11	S	179.753	172.750	157.649	150.455	165.284	177.137	156.813	146.543	164.115	162.171			
42	Т	2.7769	4.3627	2.2863	2.7973	2.2843	2.1472	2.6589	2.3221	2.8653	20.1383			
12	S	170.645	163.473	148.960	148.804	166.253	177.186	158.216	144.902	163.714	159.815			
13	Т	2.6703	4.2114	2.2265	2.7938	2.2921	2.1696	2.7639	2.3025	2.8179	20.0366			
13	S	177.457	169.346	152.961	148.991	165.688	175.357	152.206	146.136	166.468	160.626			
14	Т	2.6456	4.1698	2.2154	2.8002	2.2957	2.1724	2.7458	2.3406	2.8772	20.0929			
14	S	179.114	171.035	153.728	148.650	165.428	175.131	153.209	143.757	163.037	160.176			
15	Т	2.6776	4.1967	2.2045	2.7883	2.2811	2.1706	2.7963	2.5251	4.1445	21.5880			
	S	176.973	169.939	154.488	149.285	166.487	175.276	150.442	133.253	113.184	149.083			
16	Т	3.8453	5.8873	2.9137	3.5312	2.8001	2.6097	3.3738	3.1668	4.7301	26.9707			
10	S	123.232	121.139	116.885	117.878	135.628	145.785	124.691	106.252	99.171	119.329			
17	Т	4.0741	6.1299	2.9858	3.8518	3.0391	2.7242	3.5958	3.3359	4.5344	28.1411			
17	S	116.311	116.345	114.063	108.066	124.962	139.657	116.993	100.866	103.452	114.367			
10	Т	3.8852	5.8006	2.7701	3.4892	3.4116	4.3134	5.9399	4.5402	6.7402	35.0898			
18	S	121.966	122.950	122.944	119.297	111.318	88.203	70.823	74.111	69.596	91.719			
40	Т	6.3222	9.0650	3.9369	4.8681	4.7203	4.3218	4.2163			52.8868	31.0352		34.5866
19	S	74.952	78.674	86.507	85.506	80.455	88.032	99.775			60.855	32.086		82.136

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap			SF to TB	· •	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T						2.7044	3.2002	2.5495	3.1329	33.7755		21.0405	
20	S						140.680	131.455	131.978	149.731	95.288		122.380	
24	Т	2.9568	4.6935	2.5369	3.2660	3.0420	4.6511	5.2424	4.0459	5.5493	31.2904			
21	S	160.262	151.951	134.246	127.449	124.843	81.799	80.246	83.165	84.532	102.856			
22	Т	5.6923	8.6725	4.2903	5.6275	5.0105	5.6473	4.1611	3.4656	6.3917	40.2863			
22	S	83.246	82.235	79.381	73.967	75.795	67.369	101.099	97.091	73.391	79.888			
23	Т	7.1033	10.1225	4.1514	4.3368	4.4792	5.0841	4.5082	3.8087	5.8959	39.3676			
23	S	66.710	70.455	82.037	95.981	84.786	74.832	93.315			81.753			
24	Т	4.6999	6.8292	3.0528	3.9488	3.3118	2.6037	2.7740	2.2232	2.7509	25.3651			
24	S	100.824	104.431	111.559	105.412	114.673	146.121	151.652	151.348	170.523	126.883			
25	T	2.7056	4.2867	2.2730	2.7776	2.2862	2.1458	2.5971	2.2168	2.7831	19.7852			
23	S	175.142	166.371	149.832	149.860	166.115	177.302	161.981	151.785	168.550	162.667			
26	Т	2.6578				2.2624	2.1247			2.7729	19.5028			
20	S	178.292	170.797	155.100	152.355	167.863	179.063			-	165.022			
27	Т	2.5916	4.0319	2.0848	2.7677	2.2819	2.1556	2.6899	2.2661	2.8420	19.6796			
21	S	182.846	176.885	163.358	150.396	166.428	176.496				163.540			
28	T	2.6764	4.2081	2.2219	2.7533	2.2635	2.1505			2.8104	19.8820			
20	S	177.053	169.478	153.278	151.182	167.781	176.914			166.913	161.875			
29	I	2.6337	4.1640	2.2310	2.8515	2.3150	2.1716	2.7296	2.2469	2.8087	19.9880			
	S	179.923	171.273	152.653	145.976	164.049	175.195	154.118	149.752	167.014	161.017			
30	T	2.6507	4.1766		2.8567	2.3274	-		-	2.8173	19.9491			
30	S	178.769	170.757	153.672	145.710	163.175	176.096			166.504	161.331			
31	┸	2.6245	4.0869		2.7357	2.2837	2.1351	2.5970	2.3119	2.8268	19.6480			
<u> </u>	S	180.554	174.504		152.155	166.297	178.191			•	163.803			
32	ፗ	2.6413	4.1345		2.9431	2.3543					20.1221			
<u> </u>	S	179.405	172.495	156.224	141.433	161.310				165.745	159.944			
33	T	2.6496	4.1835		2.7409	2.2899				2.8545	19.8494			
	S	178.843	170.475			165.847	177.641				162.141			
34	ፗ	2.6432	4.1145			2.2690		•			19.7133			
	S	179.276	173.334	159.025	150.668	167.374		 		166.262	163.260			
35	T	2.6470			2.7486	2.2950					19.8683		1	
	S	179.019		156.288	151.441	165.478					161.987			
36	I	2.7036		2.2150		2.3306					20.1654			
	S	175.271	168.430	153.755	147.627	162.951	174.408	·			159.600			
37	ᄑ	2.7017	4.2079		2.7228	2.2920					19.8433			
<u> </u>	S	175.395	169.486	-	152.876	165.695					162.191			
38	T	2.6507	4.1511	2.1834		2.3310					20.0668			
30	S	178.769	171.806	155.981	148.369	162.923	174.408	154.873	145.171	162.839	160.384			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG July 20, 2019 INDYCAR

Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	2.6962	4.1870	2.1629	2.7795	2.3211	2.1719	2.7300	2.3959	2.9055	20.1630			
39	S	175.752	170.332	157.459	149.757	163.618	175.171	154.096	140.439	161.449	159.619			
40	Т	2.6855	4.1624	2.1466	2.7891	2.3139	2.1700	2.6801	2.2681	2.8448	19.8981			
40	S	176.453	171.339	158.655	149.242	164.127	175.325	156.965	148.352	164.894	161.744			
41	Т	2.6436	4.0980	2.1131	2.8169	2.3360	2.1680	2.6047	2.2749	2.8594	19.8166			
41	S	179.249	174.032	161.170	147.769	162.574	175.486	161.509	147.909	164.052	162.409			
42	T	2.6450	4.0669	2.0680	2.8314	2.3517	2.1917	2.6536	2.3075	2.8892	19.9381			
42	S	179.154	175.363	164.685	147.012	161.489	173.589	158.532	145.819	162.360	161.420			
43	Т	2.6640	4.1009	2.0880	2.7977	2.3207	2.1963	2.7144	2.3900	2.9647	20.1358			
43	S	177.877	173.909	163.107	148.783	163.646	173.225	154.982	140.785	158.225	159.835			
44	Т	2.7181	4.2199	2.1711	2.7461	2.2935	2.1885	2.6898	2.2933	2.8662	19.9666			
	S	174.336	169.004	156.864	151.579	165.587	173.843	156.399	146.722	163.663	161.189			
45	Т	2.6533	4.0945	2.0961	2.8611	2.3636	2.1965	2.6541	2.3306	2.9095	20.0648			
45	S	178.594	174.180	162.477	145.486	160.676	173.209	158.503	144.374	161.227	160.400			
46	T	2.6703	4.1190	2.1073	2.7174	2.2782	2.1788	2.7360	2.3095	2.8697	19.8672			
40	S	177.457	173.144	161.614	153.180	166.699	174.617	153.758	145.693	163.463	161.996			
47	T	2.6416	4.1119	2.1570	2.9438			2.6620	2.2830	2.8566	20.1719			
,	S	179.385	173.443	157.890			171.252	158.032	147.384	164.213	159.549			
48	I	2.6439	4.0976					2.6604	2.2636	2.8503	19.8214			
10	S	179.229	174.049	160.896	148.921	163.836	175.050		-	164.576	162.370			
49	I	2.6403	4.0853	2.0987	2.7243					2.9263	19.8551			
47	S	179.473	174.573	162.276		165.941	175.091	157.854		160.302	162.094			
50	I	2.6870	4.1452	2.1121	2.8208					3.4381	20.6260			
	S	176.354	172.050	•		162.185	·				156.036			
51	I	4.0070	6.1652	3.0917	3.8775	3.6166	3.3238	·		4.1978	29.1571			igsquare
	S	118.259	115.679	110.156	107.350	105.008	114.464			111.747	110.381			
52	T	4.1989	6.4136	3.1546	3.6996	3.0641	3.1095			4.5128	29.1512			
	S	112.854	111.198	107.959	112.512	123.943	122.352			103.947	110.404			
53	Т	4.9932	7.6015	3.7468	5.0478	4.9843	5.8917	6.3437	·	6.6108	42.5778			
	S	94.902	93.821	90.896	82.462	76.194	64.575			70.958	75.589			
54	T	6.3546	9.4280	4.5043	6.3556	4.8497	5.0825			6.2922	43.6970			
	S	74.570	75.645	75.610	65.493	78.308	74.856		71.532	74.551	73.653			
55	T	6.6650	9.9291	4.7242	6.3094		6.6173				74.9243			52.6007
	S	71.097	71.827	72.090	65.973	63.095	57.494				42.955	0.605		54.007
56	I						3.3542			4.3866	1649.5952		24.9275	
	S						113.426			106.937	1.951		103.297	
57	I	5.4074	8.1905	4.0762	4.7193		4.4902			5.5457	37.5303			
	S	87.632	87.074	83.550	88.202	92.961	84.730	84.624	79.452	84.586	85.755			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

TAG

Section Data for Car 14 - Kanaan, Tony

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	4.8913	6.9342	2.8929	3.4523	3.8115	3.8765	4.3329			49.7981	32.8889		29.6890
56	S	96.879	102.850	117.726	120.572	99.639	98.144	97.090			64.629	30.278		95.685
F0	Т						3.4914	4.1164	3.3325	4.9278	39.9191		27.1393	
59	S						108.969	102.197	100.968	95.193	80.623		94.879	
60	Т	4.2105	6.3678	3.0492	3.7737	2.8708	2.9808	3.6181	3.2523	6.5224	30.2778			
00	S	112.543	111.998	111.691	110.303	132.288	127.635	116.271	103.458	71.920	106.296			
61	Т	8.5580	11.0948	3.6966	4.5667	5.4078	6.3099	5.0113	4.0355	6.1183	43.7041			
61	S	55.371	64.281	92.130	91.149	70.227	60.295	83.947	83.379	76.670	73.641			
62	Т	5.0952	7.2681	3.1609	4.2614	3.6583	4.3670	4.3848	3.6881	5.3163	33.9320			
02	S	93.002	98.125	107.744	97.679	103.811	87.120	95.941	91.233	88.236	94.849			
63	Т	6.8724	9.4101	3.5840	4.3758	5.5935	6.7209	4.9768	4.1422	6.8529	43.1185			
0.5	S	68.952	75.789	95.025	95.125	67.895	56.608	84.529	81.232	68.451	74.641			
64	Т	7.3337	10.2087	3.9041	3.7975	4.7076	5.1263	4.5490	3.6127	5.3768	38.4077			
04	S	64.615	69.860	87.233	109.612	80.672	74.216	92.478	93.137	87.244	83.796			
65	T	5.0492	7.0643	2.8488	3.5454	3.3178	3.6911	3.9428	2.4589	2.9248	27.7788			
05	S	93.849	100.956	119.548	117.406	114.465	103.073	106.696		160.384	115.858			
66	T	2.8004	4.5030		2.8729	2.3057	2.2484	2.8172	2.4095	3.0707	20.9599			
	S	169.213	158.379			164.710		149.326		152.764	153.550			
67	口	2.8092	4.3804			2.3445			·	2.7117	20.1025			
	S	168.683	162.812	150.394		161.985				172.988	160.099			
68	工	2.5742	4.0475		2.7435	2.2796			-	-	19.2652			
	S	184.082	176.203	158.573		166.596		164.947		173.731	167.058			
69	口	2.5464	4.0018			2.2262				2.7680	19.2277			
	S	186.092	178.215	162.206		170.592	180.885			169.469	167.384	•		
70	ፗ	2.5928	4.0186							-	19.2164			
/*	S	182.761	177.470		155.410	171.084				164.877	167.482			
71	LI	2.6389	4.0365			2.2534				2.7871	19.1242			
	S	179.569	176.683	168.799						168.308	168.289			
72	I	2.5976	3.9665	1.9854	•	2.2450				2.7921	19.0437			
	S	182.424	179.801	171.536		169.164				168.006	169.001			
73	Т	2.5953	3.9679	1.9957	2.6531	2.2550				2.8578	19.2551			
L	S	182.585	179.738		156.892	168.414			149.201	164.144	167.145			
74	T	2.6362	4.0321	2.0284		2.2416				2.8904	19.3702			
<u> </u>	S	179.753	176.876	167.900		169.420		167.203		162.293	166.152			
75	I	2.6454	4.0313	2.0147						2.8386	19.4000			
<u> </u>	S	179.127	176.911	169.042		168.518			-	165.254	165.897			
76	T	2.6399	4.0483		2.6505	2.2529		2.5728		2.8240				
	S	179.501	176.168	166.358	157.046	168.571	178.810	163.511	150.927	166.109	166.374		l .	

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	2.6279	4.0302	2.0397	2.6744	2.2750	2.1370	2.5837	2.3088	2.8981	19.5446			
	S	180.320	176.959	166.970	155.642	166.933	178.032	162.821	145.737	161.862	164.670			
78	Т	2.6504	4.0409	2.0181	2.6667	2.2610	2.1411	2.6024	2.2287	2.8177	19.3861			
/*	S	178.789	176.491	168.757	156.092	167.967	177.691	161.651	150.975	166.480	166.016			
79	Т	2.6174	4.0091	2.0233	2.6491	2.2694	2.1457	2.6143	2.3088	2.8834	19.5114			
/9	S	181.044	177.891	168.323	157.129	167.345	177.310	160.916	145.737	162.687	164.950			
80	Т	2.6438	4.0377	2.0259	2.6886	2.2675	2.1330	2.5606	2.3784	2.9713	19.6691			
80	S	179.236	176.631	168.107	154.820					157.874	163.627			
81	Т	2.6855	4.0806	2.0324	2.6889	2.2681	2.1355	2.5822	2.3051	2.8885	19.5862			
01	S	176.453	174.774	167.569	154.803	167.441	178.157			162.399	164.320			
82	Т	2.6481	4.0278	2.0104			2.1468	2.5621	2.2790	2.8594	19.5315			
02	S	178.945	177.065	169.403	152.730		177.219	164.194	147.643	164.052	164.780			
83	Т	2.6398	4.0280	2.0200	2.7190	2.2882			2.3228	2.8998	19.6154			
85	S	179.507	177.056	168.598	153.089	165.970	177.376	162.998	144.858	161.767	164.075			
84	I	2.6514	4.0384	2.0185	2.6885	2.2660	2.1351	2.5822	2.3319	2.8946	19.5682			
	S	178.722	176.600	-	154.826	-			-	162.057	164.471			
85	T	2.6746		2.0937	2.7044		2.1668				19.8163			
	S	177.172	173.346		153.916		175.584			163.480	162.412			
86	T	2.6348	•	2.0952	•		•		+	2.9091	20.1233			
	S	179.848	175.225	162.547	151.463					161.249	159.934			
87	T	2.6632	4.0955	-		-		-		3.0304	20.0181			
	S	177.930			153.547		176.488			154.795	160.774			
88	Т	2.7276		2.0837	2.7259					2.9015	19.8506			
	S	173.729	171.430		152.702				•	161.672	162.131			
89	T	2.6527	4.0381	2.0137				-		2.9688	19.7575	-		
	S	178.634	176.613			167.316				158.007	162.895			
90	T	2.6772	4.0699								19.7487			
<u> </u>	S	177.000	175.233	167.883		167.833	175.519			161.599	162.968			
91	T	2.6654	4.1024		•					2.8740	19.9972			
	S	177.783	173.845	162.733	150.483		172.074			163.219	160.943			
92	T	2.7306								2.9517	20.7792			
	S	173.538	164.570							158.922	154.886			
93	T	2.6969								2.9212	20.5449		+	
	S	175.707	168.884	153.285	145.649			145.023	+	160.582	156.652	<u> </u>	+	_
94	I	2.7128		•						2.9220	20.2452		+	
	S	174.677	168.844			-		-	-		158.971		+	
95	T	2.6961	4.1814							2.8998	20.0620		+	
	S	175.759	170.561	158.551	150.662	163.829	173.589	155.050	144.268	161.767	160.423			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap P	I to PO	PO to SF	SF to PI
0.0	Т	2.6822	4.1559	2.1278	2.7783	2.3495	2.2222	2.7157	2.2733	2.8672	20.0162			
96	S	176.670	171.607	160.056	149.822	161.640	171.206	154.907	148.013	163.606	160.790			
07	Т	2.6721	4.1465	2.1497	2.8210	2.3336	2.1732	2.6174	2.3141	2.8970	19.9781			
97	S	177.338	171.996	158.426	147.554	162.741	175.067	160.725	145.403	161.923	161.096			
00	Т	2.6589	4.0617	2.0404	2.7566	2.3270	2.1764	2.6212	2.2426	2.8776	19.7007			
98	S	178.218	175.587	166.912	151.001	163.203	174.809	160.492	150.039	163.015	163.365			
99	Т	2.6474	4.0480	2.0379	2.7240	2.2935	2.1511	2.5851	2.2699	2.8854	19.5943			
99	S	178.992	176.181	167.117	152.808	165.587	176.865	162.733	148.234	162.574	164.252			
100	Т	2.6512	4.0406	2.0211	2.7362	2.2998	2.1521	2.6048	2.2968	2.8963	19.6583			
100	S	178.736	176.504	168.506	152.127	165.133	176.783	161.503	146.498	161.962	163.717			
101	Т	2.6590	4.0675	2.0490	2.7429	2.3018	2.1532	2.5917	2.2727	2.8648	19.6351			
101	S	178.211	175.337	166.212	151.755	164.989	176.693	162.319	148.052	163.743	163.911			
102	Т	2.6480	4.0577	2.0491	2.7383	2.3040	2.1482	2.5783	2.3121	2.9014	19.6794			
102	S	178.952	175.760	166.204	152.010	164.832	177.104	163.162	145.529	161.677	163.542			
103	Т	2.6610	4.0599	2.0350	2.7543	2.3168	2.1612	2.5966	2.2611	2.8548	19.6408			
103	S	178.077	175.665	167.355	151.127	163.921	176.039	162.013	148.811	164.317	163.863			
104	Т	2.6401	4.0438	2.0441	2.7596	2.3045	2.1478	2.5997	2.4009	2.9948	19.8915			
104	S	179.487	176.364	166.610	150.837	164.796	177.137	161.819	140.146	156.635	161.798			
105	Т	2.6891	4.0953	2.0466	2.7598	2.3027	2.1567	2.6215	2.3001	2.8744	19.7509			
105	S	176.216	174.146	166.407	150.826	164.925	176.406	160.474	146.288	163.196	162.950			
106	Т	2.6500	4.0525	2.0404	2.8202	2.3450	2.1761	2.6295	2.3907	2.9794	20.0313			
100	S	178.816	175.986	166.912	147.596	161.950	174.833	159.985	140.744	157.445	160.669			
107	Т	2.6952	4.1218	2.0772	2.7946	2.3283	2.1898	2.7342	2.3341	2.8996	20.0530			
107	S	175.818	173.027	163.955	148.948	163.112	173.739	153.859	144.157	161.778	160.495			
108	Т	2.6834	4.1461	2.1286	2.8072	2.3192	2.2115	2.8262	2.4007	2.9562	20.3330			
100	S	176.591	172.013	159.996	148.279	163.752	172.035	148.851	140.158	158.680	158.285			
109	Т	2.7050	4.1907	2.1632		2.3887	2.2141	2.7525	2.3644	2.9217	20.3769			
109	S	175.181	170.182	157.437	145.171	158.987	171.833	152.836	142.310	160.554	157.944			
110	T	2.6859	4.1370	2.1148	2.8632	2.3544	2.2084	2.7415	2.4939	3.0386	20.5007			
110	S	176.426	172.391	161.040	145.379	161.303	172.276	153.450	134.920	154.377	156.990			
111	Т	2.7344	4.2077	2.1434		2.3460		2.7900		2.9019	20.3417			
111	S	173.297	169.494	158.892		161.881	169.982	150.782		161.650	158.217			
112	T	2.7115	4.2478	2.2270	2.9457	2.4283	2.3876		2.4546		21.1648			
112	S	174.761	167.894	152.927	141.308	156.394	159.346			155.767	152.064			
113	I	2.7317	4.2742	2.2391	2.9257	2.4066	2.2399			2.9138	20.6641			
113	S	173.468	166.857	152.100	-	157.805	169.853	148.075		160.989	155.748			
114	Т	2.6721	4.1577	2.1667	2.8578	2.3716	2.2135	2.8001	2.3563	2.9158	20.3539			
114	S	177.338	171.533	157.183	145.654	160.134	171.879	150.238	142.799	160.879	158.122			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.7109	4.2120	2.1773	2.8045	2.3550	2.2258	2.8437	2.3513	2.9028	20.3713			
115	S	174.799	169.321	156.418	148.422	161.262	170.929	147.935	143.103	161.599	157.987			
116	Т	2.7343	4.3327	2.3057	2.8955	2.3688	2.3208	2.9325	2.3900	2.9389	20.8865			
116	S	173.303	164.604	147.707	143.758	160.323	163.932	143.455	140.785	159.614	154.090			
117	Т	2.7303	4.2633	2.2230	2.8634	2.3735	2.3087	2.9568	2.4323	2.9764	20.8644			
11/	S	173.557	167.284	153.202	145.369	160.005	164.792	142.276	138.337	157.603	154.253			
110	Т	2.7520	4.3031	2.2326	2.8923	2.4078	2.2971	2.8975	2.4033	2.9518	20.8344			
118	S	172.189	165.737	152.543	143.917	157.726	165.624	145.188	140.006	158.917	154.475			
110	Т	2.8778	4.5729	2.4112	2.9915	2.4358	2.2868	2.9410	2.3809	2.9215	21.2465			
119	S	164.662	155.958	141.244	139.144	155.913	166.370	143.040	141.324	160.565	151.479			
120	Т	2.8127	4.4271	2.3082	2.8654	2.3436	2.2381	2.8816	2.4090	2.9584	20.8170			
120	S	168.473	161.095	147.547	145.268	162.047	169.990	145.989	139.675	158.562	154.604			
121	T	2.7629	4.3386	2.2721	2.8708	2.3567	2.2747	2.8764	2.3910	2.9393	20.7439			
121	S	171.510	164.381	149.891	144.994	161.146	167.255	146.253	140.727	159.593	155.149			
122	T	2.7637	4.3162	2.2403	2.8961	2.3954	2.2548	2.7892	2.3848	2.9586	20.6829			
122	S	171.460	165.234	152.019	143.728	158.543	168.731	150.825	141.092	158.552	155.607			
123	Т	2.7010	4.1817	2.1516	2.8539	2.3826	2.2184	2.7285	2.3906	2.9547	20.3813			
123	S	175.440	170.548	158.286	145.853	159.394	171.500	154.181	140.750	158.761	157.909			
124	T	2.7036	4.1668		2.8524	2.3515	2.2165	2.8023	2.4864	3.0755	20.6197			
124	S	175.271	171.158	159.779	145.930	161.502	171.647	150.120	135.327	152.525	156.084			
125	T	2.7710	4.3147	2.2415	2.8533	2.3413	2.2263	2.8497	2.3963		20.6212			
123	S	171.008	165.291	151.938	145.884	162.206		147.623	140.415	159.457	156.072			
126	LT	2.7217	4.2078	2.1597	2.8594	2.3628	2.2355	2.8702	2.4816	3.0044	20.6953			
120	S	174.106	169.490	157.692	145.572	160.730	170.188	146.569	135.589	156.135	155.514			
127	口	2.7330	4.2355	2.1775	2.8658	2.3786	2.2570	2.8470	2.3697	2.9287	20.5573			
127	S	173.386	168.382	156.403	145.247	159.662	168.566	147.763	141.992	160.170	156.558			
128	口	2.6759	4.1531	2.1532			2.2834				20.7596			
	S	177.086	171.723	158.168	139.485		166.618		140.292		155.032			
129	I	2.7248	4.2373					·		•	20.7149			
L	S	173.908	168.310	155.795	146.007		171.199		136.969		155.366			
130	T	2.7954	4.3820				2.2961				21.0017			
	S	169.516	162.753	147.368	142.016		165.696		140.065		153.245			
131	T	2.8786	4.5242		2.9325						21.0279			
151	S	164.616	157.637	145.096		+	171.996			+	153.054		<u> </u>	
132	ፗ	2.7074	4.1639								20.5791			
	S	175.025	171.277	160.433	141.317		168.768		142.660		156.392			
133	T	2.6694	4.1955		-						20.7845			
	S	177.517	169.987	152.845	142.012	158.357	167.653	141.715	140.827	160.072	154.846			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.7314	4.3265	2.3217	2.9667	2.4023	2.2376	2.8523	2.4427	2.9876	20.9423			
134	S	173.487	164.840	146.689	140.307	158.087	170.028	147.489	137.748	157.013	153.679			
425	Т	2.7226	4.2156	2.1762	2.9248	2.3897	2.2557	2.8548	2.4219	2.9639	20.7096			
135	S	174.048	169.177	156.497	142.317	158.921	168.664	147.359	138.931	158.268	155.406			
136	Т	2.7137	4.2037	2.1712	2.9278	2.4003	2.2561	2.8470	2.4287	2.9789	20.7237			
136	S	174.619	169.656	156.857	142.172	158.219	168.634	147.763	138.542	157.471	155.300			
137	Т	2.7500	4.3087	2.2580	2.9207	2.4383	2.3104	2.9291	2.4561	2.9987	21.0613			
137	S	172.314	165.521	150.827	142.517	155.753	164.670	143.622	136.997	156.431	152.811			
138	Т	2.7674	4.3787	2.3261	2.9476	2.4009	2.2818	2.9311	2.4029	2.9941	21.0519			
136	S	171.231	162.875	146.412	141.217	158.179	166.734	143.524	140.030	156.672	152.879			
139	Т	2.7677	4.3771	2.3416	2.9645	2.3993	2.2422	2.7939	2.3931	2.9376	20.8399			
139	S	171.212	162.935	145.443	140.412	158.285	169.679	150.572	140.603	159.685	154.435			
140	Т	2.7348	4.2982	2.2854	3.0578	2.4725	3.0043	4.5674			43.8842	32.8442		23.7911
140	S	173.272	165.926	149.019	136.127	153.599	126.637	92.105			73.338	30.319		119.406
141	T						2.5529	2.9252	2.3770	2.9302	32.2802		19.5291	
	S						149.028		141.555	160.088	99.702		131.852	
142	T	2.7675	4.3150	2.2119		2.2906	2.1806		2.2035	2.7741	19.9118			
	S	171.224	165.280	153.971		165.796	174.472	153.048		169.097	161.633			
143	I	2.6305	4.0775	2.0709	+ 	2.2331	2.1325		2.1503	2.7418	19.1865	•	ļ	
1.5	S	180.142	174.907	164.454		170.065	178.408	-		171.089	167.743			
144	ፗ	2.5960	3.9934	2.0145		2.2523	2.1436		2.2336	2.8187	19.3063			
	S	182.536	178.590	169.058		168.616	177.484		150.643	166.421	166.702			
145	ᄑ	2.6333	4.0176	2.0018		2.2340	2.1187	2.5526		2.7740	19.0967			
	S	179.950	177.514	170.131		169.997	179.570			169.103	168.532			
146	ፗ	2.5925	3.9265	1.9398		2.2349	2.1350	•		2.7599	19.0371			
	S	182.783	181.633	175.569		169.928	178.199	161.064	155.546	169.967	169.059			
147	I	2.6097	4.0129	2.0298		2.2286	2.1180			2.8066	19.1922			
<u> </u>	S	181.578	177.722	167.784	+	170.409	179.629			167.138	167.693	<u> </u>		
148	듸	2.6174	4.0122	2.0286		2.2759	2.1512	2.6559		2.8702	19.5768			
	S	181.044	177.753	167.883		166.867	176.857	158.395	145.472	163.435	164.399			
149	T	2.6596	4.0906	2.0674		2.2532	2.1681	2.6749		2.8946	19.7208			-
	S	178.171	174.347	164.733		168.548	175.478		144.367	162.057	163.198			
150	T	2.6538	4.0509	2.0337		2.2803	2.1612	2.6562	2.3556		19.7760			
	S	178.560	176.055	167.462		166.545	176.039	158.377	142.841	161.128	162.743			
151	듸	2.6775	4.1410	2.1264		2.2603	2.1705	•		2.8472	19.7460	-		
	S	176.980	172.225	160.162		168.019	175.284	-	-	164.755	162.990			-
152	T	2.6484	4.0621	2.0562		2.2749				2.8439	19.6026			
	S	178.924	175.570	165.630	154.590	166.940	176.660	159.198	146.901	164.946	164.182			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
153	Т	2.6422	4.0621	2.0671	2.7844	2.3479	2.2100	2.8218	2.2897	2.8524	20.0155			
153	S	179.344	175.570	164.757	149.494	161.750	172.151	149.083	146.953	164.455	160.795			
154	Т	2.6405	4.0391	2.0372	2.7456	2.3119	2.1829	2.6632	2.2538	2.8395	19.6746			
154	S	179.460	176.569	167.175	151.606	164.269	174.289	157.961	149.293	165.202	163.581			
155	T	2.6505	4.0777	2.0765	2.6903	2.2618	2.1491	2.6222	2.2091	2.8099	19.4694			
155	S	178.783	174.898	164.011	154.723	167.907	177.030	160.431	152.314	166.942	165.306			
156	Т	2.6269	4.0428	2.0584	2.6906	2.2623	2.1521	2.6260	2.2147	2.8200	19.4510			
130	S	180.389	176.408	165.453	154.705			160.199		166.344	165.462			
157	工	2.6246	4.0260	2.0393	2.6958	2.2726	2.1475	2.7177	2.2300	2.8196	19.5471			
137	S	180.547	177.144	167.002	154.407	167.109				166.368	164.648			
158	Т	2.6366	4.0986	2.1331	2.7725	2.3308	2.1773	2.6500		2.8316	19.7763			
136	S	179.725	174.006	159.659	150.135		174.737	158.748	149.919	165.663	162.740			
159	T	2.5941	4.0366	2.1058	2.7442	2.2996	2.1383	2.7121	2.2556	2.8416	19.6913			
139	S	182.670	176.679	161.729	151.684	165.147	177.924	155.113	149.174	165.080	163.443			
160	Т	2.6451	4.1082	2.1323	2.7662	2.3087	2.1616	2.6747	2.2249	2.8194	19.7329			
100	S	179.148	173.600	159.719	150.477	164.496	176.006	157.282	151.233	166.380	163.098			
161	Т	2.6482	4.0887	2.0977	2.7317	2.2825	2.1454	2.5877	2.3391	2.9054	19.7377			
101	S	178.938	174.428	162.353	152.378	166.385	177.335	162.570	143.849	161.455	163.059			
162	Т	2.6636	4.0553	2.0249	2.7211	2.2922	2.1518	2.5944	2.2183	2.8229	19.4892			
102	S	177.903	175.864	168.190	152.971	165.680	176.808			166.173	165.138			
163	Т	2.6292	4.0222	2.0264	2.7219	2.2888	2.1465	2.5737	2.2301	2.8286	19.4452			
103	S	180.231	177.311	168.066	152.926	165.927	177.244	163.454	150.880	165.839	165.511			
164	ഥ	2.6287	4.0109	2.0102	2.7304		2.1554	2.5961	2.2708	2.8498	19.5362			
104	S	180.265	177.811	169.420	152.450		176.512	162.044		164.605	164.740			
165	ፗ	2.6400	4.0443					2.6214	2.2711	2.8603	19.5631			
103	S	179.494	176.342	166.464	153.808		177.145	160.480	148.156	164.001	164.514			
166	I	2.6653	4.1078							2.8585	19.7253			
	S	177.790	173.616		150.477	165.198				164.104	163.161			
167	I	2.6661	4.1139		2.7749			2.6607	+	2.8519	19.8194			
	S	177.737	173.359					158.109		164.484	162.386			
168	ᄑ	2.6776				2.3152				2.8499	19.7906			
	S	176.973	172.893	161.698						164.599	162.623			
169	I	2.6562	4.0985	2.0951	2.7475					2.8594	19.7279			
	S	178.399	174.010	162.555	151.501	165.594	176.104			164.052	163.140			
170	ᄑ	2.6522	4.0664		2.7741			2.6466		2.8709	19.7854			
	S	178.668	175.384	-	150.049	-				163.395	162.665			
171	ፗ	2.6493	4.0492	2.0383						2.8509	19.6538			
	S	178.864	176.129	167.084	152.249	165.796	176.660	158.748	147.120	164.541	163.755			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S ^S		SF to TB	<u> </u>	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI	to PO PO to :	SF SF to PI
472	Т	2.6370	4.0541	2.0647	2.7643	2.2992	2.1835	2.8184	2.3292	2.8973	19.9936		
172	S	179.698	175.916	164.948	150.581	165.176	174.241	149.263	144.460	161.906	160.972		
470	Т	2.6592	4.0799	2.0660	2.7919	2.3235	2.1767	2.6787	2.3006	2.8724	19.8690		
173	S	178.198	174.804	164.844	149.092	163.449	174.785	157.047	146.256	163.310	161.981		
174	Т	2.6615	4.0999	2.0899	2.8368	2.3589	2.1961	2.7394	2.3427	2.8947	20.1200		
174	S	178.044	173.951	162.959	146.732	160.996	173.241	153.567	143.628	162.052	159.960		
475	Т	2.6626	4.0945	2.0839	2.7706	2.3549	2.2417	2.9126	2.3603	2.9334	20.3200		
175	S	177.970	174.180	163.428	150.238	161.269	169.717	144.435	142.557	159.914	158.386		
176	Т	2.7019	4.2269	2.2254	2.9091	2.3949	2.2492	2.8318	2.3292	2.9044	20.5459		
176	S	175.382	168.725	153.037	143.085	158.576	169.151	148.556	144.460	161.510	156.644		
477	Т	2.6642	4.0881	2.0729	2.8024	2.3315	2.1784	2.7235	2.2687	2.8414	19.8830		
177	S	177.863	174.453	164.296	148.533	162.888	174.649	154.464	148.313	165.091	161.867		
170	Т	2.6439	4.0764	2.0814	2.8368	2.3506	2.1855	2.6527	2.3323	2.8813	19.9645		
178	S	179.229	174.954	163.625	146.732	161.564	174.081	158.586	144.268	162.805	161.206		
179	Т	2.6615	4.1085	2.1094	2.8555	2.3518	2.2019	2.7312	2.3282	2.9053	20.1448		
1/9	S	178.044	173.587	161.453	145.771	161.482	172.785	154.028	144.522	161.460	159.763		
100	Т	2.6896	4.1992	2.1803	2.8191	2.3327	2.1814	2.7304	2.3272	2.8926	20.1533		
180	S	176.184	169.838	156.202	147.654	162.804	174.408	154.073	144.585	162.169	159.696		
181	Т	2.6852	4.1671	2.1542	2.7953	2.3167	2.2134	2.7957	2.2998	2.8639	20.1242		
101	S	176.472	171.146	158.095	148.911	163.928	171.887	150.475	146.307	163.794	159.927		
182	Т	2.6766	4.1742	2.1810	2.8831	2.3560	2.2471	2.7957	2.3146	2.8844	20.3385		
102	S	177.039	170.855	156.152	144.376	161.194	169.309	150.475	145.372	162.630	158.242		
102	Т	2.6719	4.1722	2.1777	2.8534	2.3445	2.2235	2.7559	2.3125	2.8857	20.2251		
183	S	177.351	170.937	156.389	145.879	161.985	171.106	152.648	145.504	162.557	159.129		
184	Т	2.6694	4.1703	2.1755	2.8027	2.3260	2.2056	2.7675	2.2998	2.8614	20.1079		
104	S	177.517	171.015	156.547	148.518	163.273	172.495	152.008	146.307	163.938	160.056		
185	Т	2.6667	4.1614	2.1706	2.8018	2.3911	2.5496	3.5448	3.4570	4.3144	23.8960		
103	S	177.697	171.380	156.900	148.565	158.828	149.221	118.676	97.332	108.727	134.684		
186	Т	3.8291	5.7259	2.7178	3.3983	2.8213	2.6864	3.3991	2.9456	3.8615	25.6591		
100	S	123.753	124.554	125.310	122.488	134.609	141.622	123.763	114.230	121.479	125.429		
187	Т	4.6497	7.0403	3.4786	4.6361	3.7048	3.2369		2.9271	3.8959	30.1756		
107	S	101.913	101.300	97.904	89.785	102.508	117.537	115.366	114.952	120.406	106.656		
188	Т	4.7820	7.1993	3.4582	4.1072	4.0689	4.3777	4.3350	3.6590	6.0590	34.8470		
100	S	99.093	99.063	98.481	101.346	93.335	86.907	97.043	91.959	77.421	92.358		
189	Т	8.0132	11.4232	4.8495	5.5811	4.8109	4.8794	5.8338	5.1991	7.0490	46.2160		
103	S	59.135	62.433	70.227	74.582	78.940	77.972	72.111	64.718	66.547	69.638		
190	Т	6.7753	9.9242	4.4767	5.6860	4.6023	4.6761	4.9724	3.9200	5.2408	40.3496		
130	S	69.940	71.863	76.076	73.206	82.518	81.362	84.603	85.836	89.508	79.763		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

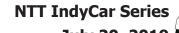
Race

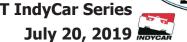
Report:

Session:

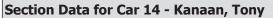
Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	5.3093	7.9189	3.8096	5.6568	5.3196	4.9921	6.5278	5.2190	6.2966	43.1308			
191	S	89.252	90.061	89.397	73.584	71.391	76.211	64.445	64.472	74.499	74.620			
102	Т	6.0340	9.1418	4.3955	5.2244	5.4435	4.0961	4.0003	3.5216	3.9750	36.6904			
192	S	78.532	78.013	77.481	79.674	69.766	92.882	105.163	95.547	118.010	87.718			
193	Т	3.9414	6.2095	3.2530	3.6878	3.3674	3.3527	3.9287	3.3083	4.8717	29.7110			
193	S	120.227	114.853	104.694	112.872	112.779	113.477	107.079	101.707	96.289	108.324			
194	Т	4.1403	6.1162	2.8160	3.4317	2.8969	2.9205	3.5512	2.8602	3.7598	26.3766			
154	S	114.452	116.605	120.940	121.296	131.096	130.270	118.462	117.641	124.765	122.017			
195	Т	4.5164	7.1985	3.9550	5.5242	5.5176	4.2582	5.2445	4.5406	5.1018	38.6583			
193	S	104.921	99.074	86.111	75.350	68.829	89.346	80.214	74.104	91.946	83.252			
196	Т	5.1903	8.1631	4.3959	5.4254	4.4351	5.2708	5.0370			54.6230	31.3581		36.1013
190	S	91.298	87.367	77.474	76.722	85.629	72.182	83.518			58.920	31.756		78.690
197	Т						3.5477	3.5877	3.0982	3.7285	38.0531		25.2167	
197	S						107.240	117.257	108.604	125.812	84.577		102.113	
198	Т	3.9254	6.2927	3.5210	5.5543	5.5962	5.3664	5.9338	4.3645	4.7006	38.9622			
190	S	120.717	113.335	96.725	74.942		70.896	70.896	77.094	99.794	82.603			
199	Т	5.9330	8.1148	2.9665	3.2590	3.3746	3.2541	4.0167	2.5911	2.9353	28.3303			
199	S	79.869	87.887	114.805	127.723	112.539	116.915	104.733	129.859	159.810	113.603			
200	Т	2.6869	4.3241	2.3907	2.9325	2.3432	2.3895	3.3926	2.4776	2.9370	21.5500			
200	S	176.361	164.932	142.455	141.944	162.074	159.219	124.000	135.808	159.718	149.346			
201	T	2.6984	4.2310		2.8807	2.3525		2.6475	2.2053	2.7959	19.9981			
201	S	175.609	168.561	153.471	144.496			158.898	152.577	167.778	160.935			
202	T	2.5935	4.0990		2.7146	2.2587			2.2355	2.8533	19.4971			
202	S	182.712	173.989	155.411	153.338	168.138	179.426	166.297	150.515	164.403	165.071			
203	Т	2.6311	4.0529	2.0615	2.6261	2.2318	2.1160	2.6485	2.1911	2.7803	19.2864			
203	S	180.101	175.968		158.505	-		-		168.720	166.874			
204	T	2.5655	3.9269			2.2452		2.6379		2.7719	19.1404			
207	S	184.706	181.614		156.951	169.149		159.476	154.447	169.231	168.147			
205	T	2.5965	4.0338							2.7588	19.2845			\vdash
	S	182.501	176.801	165.332	155.011	167.729	178.157	160.633	155.388	170.034	166.891			
206	Т	2.5865	4.0004		2.7270	-		2.6535	2.1362	2.7478	19.3476			
	S	183.207	178.278	165.044	152.640		175.470		157.512	170.715	166.346			
207	T	2.5623	4.0357	2.1523	2.8313			2.5971	2.1603	2.7537	19.5531			
	S	184.937	176.718	•	147.017	162.574	176.128		155.755	170.349	164.598			
208	T	2.6262	4.0781	2.1385	-	2.3312	-	2.6598	2.2475	2.8382	19.8526			
	S	180.437	174.881	159.256	146.562	162.909	175.236	-	149.712	165.278	162.115			
209	Т	2.6626	4.0849							2.8408	19.4053			
209	S	177.970	174.590	165.614	156.898	169.156	179.477	163.945	148.778	165.126	165.852			

Track: **Iowa Speedway** 0.894 mile(s)





TAG



Race

Report:

Session:

Lap	T/S ^S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO PC	to SF	SF to PI
210	Т	2.6448	4.0250	2.0064	2.6568	2.2499	2.1042	2.5141	2.2629	2.8397	19.2788	3		
210	S	179.168	177.188	169.741	156.673	168.795	180.807	167.329	148.693	165.190	166.940			
211	Т	2.6094	3.9848	1.9990	2.6542	2.2492	2.1161	2.5326	2.1697	2.7786	19.1088			
211	S	181.599	178.976	170.369	156.827	168.848	179.790	166.107	155.080	168.823	168.425			
212	T	2.5864	3.9430	1.9744	2.6904	2.2688	2.1227	2.5518	2.1847	2.7863	19.1655			
212	S	183.214	180.873	172.492	154.717	167.389	179.231	164.857	154.015	168.356	167.927	7		
213	T	2.5816	3.9414	1.9839	2.8127	2.3477	2.1627	2.6021	2.2374	2.8244	19.5525			
213	S	183.554	180.946	171.666	147.989	161.764	175.916	161.670	150.388	166.085	164.603			
214	T	2.6097	3.9964	2.0183	2.7550		2.1484	2.6130	2.2450	2.8259	19.5232			
214	S	181.578	178.456	168.740	151.089	164.553	177.087	160.996	149.879	165.997	164.850			
215	T	2.6160	4.0179	2.0401	2.7979	2.3306	2.1619	2.6186	2.3104	2.8682	19.7437			
215	S	181.141	177.501	166.937	148.772	162.951	175.982	160.651	145.636	163.549	163.009			
216	T	2.6475	4.0667	2.0645	2.7120	2.2695	2.1375	2.6168	2.2731	2.8592	19.5801			
210	S	178.985	175.371	164.964	153.485	167.338	177.990	160.762	148.026	164.064	164.371			
217	T	2.6376	4.0362	2.0347	2.7370	2.2905	2.1480	2.6211	2.2178	2.8239	19.5106			
21/	S	179.657	176.696	167.380	152.083		177.120	160.498	151.717	166.115	164.956			
218	T	2.6366	4.0611	2.0719	2.8011	2.3231	2.1615	2.6299	2.3630	2.9003	19.8874			
210	S	179.725	175.613	164.375	148.602	163.477	176.014	159.961	142.394	161.739	161.831			
219	工	2.6622	4.0770		2.7412		2.1432	2.5852	2.2434	2.8254	19.5560			
219	S	177.997	174.928	165.453	151.850	165.334	177.517	162.727	149.985	166.026	164.574			
220	T	2.6159	4.0171	2.0383	2.7816		2.1548	2.6019	2.2667	2.8477	19.6292			
220	S	181.147	177.536	167.084	149.644		176.561	161.683	148.444	164.726	163.960			
221	ഥ	2.6374	4.0538		2.7342		2.1528		2.2890	2.8742	19.6781			
	S	179.671	175.929	165.236	152.238		176.725		146.997	163.207	163.552			
222	ഥ	2.6751	4.1321	2.1207	2.7936		2.1651	2.6057	2.2402	2.8282	19.7497			
	S	177.139	172.595	160.592	149.001	163.618	-	161.447	150.200	165.862	162.959			
223	LT	2.6323	4.0615	2.0799	2.7473				2.2945	2.8966	19.8783			
	S	180.019	175.596	163.743	151.512	165.695	171.763	154.623	146.645	161.945	161.905			
224	ഥ	2.8194	4.4904	2.3904		·	2.1796		2.3306	2.8899	20.5194			
	S	168.073	158.824	142.473	145.838	162.497	174.552	154.765	144.374	162.321	156.847			
225	I	2.6620	4.1223	2.1209	2.7042			2.6221	2.2472	2.8314	19.5967			
	S	178.010	173.006	160.577	153.927	167.183		160.437	149.732	165.675	164.232			
226	ፗ	2.6307	4.0452	2.0581	2.7193				2.3388	2.9021	19.7704			
<u> </u>	S	180.128	176.303	165.477	153.072	166.530			143.867	161.638	162.789			
227	ፗ	2.6643	4.0937	2.0841	2.8184	-	-		2.3764	2.8938	20.1889			
	S	177.857	174.214	163.413	147.690			151.319	141.591	162.102	159.414			
228	I	2.6954	4.1884	2.1609				2.6484	2.2401	2.8355	19.8096			
	S	175.805	170.275	157.605	150.679	164.682	176.079	158.844	150.206	165.435	162.467	1		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	2.6346	4.0242	2.0198	2.8036	2.3335	2.1699	2.6233	2.2365	2.8234	19.6446			
229	S	179.862	177.223	168.615	148.470	162.748	175.333	160.364	150.448	166.144	163.831			
230	Т	2.6193	4.0156	2.0319	2.7517	2.3041	2.1573	2.6373	2.3471	2.9031	19.7518			
230	S	180.912	177.603	167.611	151.270	164.825	176.357	159.512	143.359	161.583	162.942			
231	Т	2.6585	4.0823	2.0716	2.7322	2.2860	2.1671	2.6886	2.2735	2.8489	19.7264			
231	S	178.245	174.701	164.399	152.350	166.130	175.559	156.469	148.000	164.657	163.152			
232	T	2.6274	4.0379	2.0504	2.7309	2.2882	2.2097	2.7740	2.3401	2.9041	19.9248			
232	S	180.355	176.622	166.098	152.422	165.970	172.175	151.652	143.788	161.527	161.527			
233	Т	2.6569	4.0897	2.0834	2.7033	2.2711	2.2413	2.7756	2.2891	2.8618	19.8825			
233	S	178.352	174.385	163.467	153.978	167.220	169.747	151.564	146.991	163.915	161.871			
234	Т	2.6279	4.0601	2.1014	2.7853	2.3163	2.1879	2.7814	2.3198	2.8764	19.9964			
234	S	180.320	175.656	162.067	149.445		173.890	151.248	145.046	163.083	160.949			
235	Т	2.6610	4.1022	2.0984		2.2754					19.8401			
233	S	178.077	173.853	162.299	153.479			•	•	164.888	162.217			
236	I	2.6161	4.0783	2.1391	2.8854	2.3726	2.2057	2.7031	2.3186	2.8800	20.1206			
230	S	181.134	174.872	159.211	144.261	160.066		155.629		162.879	159.955			
237	Т	2.6617	4.1058			2.2921	2.1705				19.8357			
237	S	178.030	173.701	162.462	151.634					164.466	162.253			
238	I	2.6709	4.1691	2.1755					+		20.0398			
	S	177.417	171.064	156.547	148.751	164.340				164.351	160.600			
239	T	2.6409	4.1177	2.1562							20.2138			
	S	179.433	173.199	157.948		159.281	171.330			161.266	159.218			
240	T	2.6813	4.1399								19.9387			
	S	176.729	172.270		·	164.618		+	+	163.857	161.415			
241	Т	2.6583	4.1093							2.8473	19.8927			
	S	178.258	173.553	160.949		164.226	-	155.382		164.749	161.788			
242	I	2.6430	4.0781	2.0885					-		20.1058			
	S	179.290	174.881	163.068						163.663	160.073			
243	I	2.6564	4.1035			+		•	•		20.2860			
	S	178.386	173.798	161.683		160.404		154.350		157.002	158.651			
244	I	2.7209	4.2071	2.1616	-		2.2106				20.3207			
	S	174.157	169.519	157.554				-			158.380			
245	I	2.6871	4.1917	2.1894				2.8859			20.5117			
<u> </u>	S	176.348	170.141	155.553	·	•			139.629		156.906			
246	፲	2.7042	4.2227	2.2055							20.6678		-	+
	S	175.232	168.892	154.418						158.804	155.720			
247	T	2.7151	4.2407	2.2027			-				20.1943			
	S	174.529	168.175	154.614	148.539	163.161	173.359	152.327	145.504	163.003	159.372			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6691	4.1539	2.1629	2.8256	2.3541	2.2272	2.8246	2.3552	2.8998	20.3185			
248	S	177.537	171.690					148.935		161.767	158.398			
240	Т	2.6750	4.1621	2.1629		2.3288	2.3041	3.1121	2.4911	2.9805	20.8440			
249	S	177.145	171.351	157.459	149.220	163.077	165.121	135.176	135.072	157.387	154.404			
350	Т	2.7122	4.2250	2.1970	2.8561	2.3733	2.2318	2.8167	2.2914	2.8633	20.3418			
250	S	174.716	168.800	155.015	145.741	160.019	170.470	149.353	146.844	163.829	158.216			
254	Т	2.8288	4.5428	2.4281	2.9226	2.3997	2.2570	2.8676	2.3121	2.8713	20.8872			
251	S	167.514	156.992	140.261	142.425	158.258	168.566	146.702	145.529	163.372	154.085			
252	Т	2.6972	4.2472	2.2514	2.8645	2.3552	2.3639	2.9367	2.5055	2.9878	20.9622			
252	S	175.687	167.918	151.270	145.313	161.249	160.944	143.250	134.295	157.002	153.534			
253	Т	2.6965	4.1543	2.1211	2.8224	2.3450	2.3643	2.8853	2.3350	2.8905	20.4601			
253	S	175.733	171.673	160.562	147.481	161.950	160.916	145.802	144.102	162.287	157.301			
254	Т	2.7145	4.2771	2.2484	2.9392	2.4433	2.9875	4.5824			43.4799	32.8563		23.3997
254	S	174.568	166.744	151.471	141.620	155.434	127.349	91.804			74.020	30.308		121.403
255	Т						2.4975	2.7762	2.2139	2.7999	31.9491		19.1730	
233	S						152.334	151.532	151.984	167.538	100.735		134.300	
256	T	2.6421	4.0650	2.0541	2.6003	2.2287	2.1322	2.5026	2.0954	2.7251	18.9805			
250	S	179.351	175.444	165.799	160.078	170.401	178.433	168.098	160.579	172.137	169.563			
257	T	2.5767	3.9308	1.9537	2.5358	2.1926	2.1036	2.6636	2.1350	2.7172	18.8782			
237	S	183.903	181.434	174.320	164.149	173.207	180.859	157.937	157.601	172.638	170.482			
258	I	2.5807	3.9506	1.9890	2.5759	2.2083	2.0961	2.4985	2.1241	2.7480	18.8206			
230	S	183.618	180.525	171.226	161.594	171.975	181.506		158.409	170.703	171.004			
259	I	2.5997	4.0010			2.2308	2.1199	2.5245	2.1001	2.7477	18.9803			
233	S	182.276	178.251	167.273	158.777	170.241	179.468			170.721	169.565			
260	ഥ	2.5937	4.0470		2.6999	2.2546	2.1197	2.6436	2.1283	2.7547	19.2918			
200	S	182.698	176.225	162.384	154.172	168.444	179.485	159.132	158.097	170.287	166.827			
261	ፗ	2.5956	3.9875			2.2152	2.1407	2.6090		2.7822	19.1106			
	S	182.564	178.854		1	171.439	177.724			168.604	168.409			
262	ᄑ	2.6013	3.9747	1.9951	2.6164	2.2479	2.1227	2.5609	2.3470	3.2558	19.7471			
	S	182.164	179.430		159.093	168.946	179.231	164.271	143.365	144.079	162.981			
263	T	3.6035	5.9054	3.4352	5.5559	5.2515	4.2352	4.4364	3.8270	4.5024	34.8471			
	S	131.501	120.768	99.141	74.920	72.317	89.832	94.825	87.922	104.187	92.358			
264	Т	4.0182	6.0946	2.9937	3.8510	4.2894	4.1444	4.1467	3.4598	4.9553	31.8585			
	S	117.929	117.019	113.762	108.089	88.537	91.800	101.450	97.253	94.664	101.022			
265	T	5.3336	7.8501	3.5659	6.0004	7.9793	4.5079	4.7436	4.9091	7.0893	44.1291			
	S	88.845	90.850	95.507	69.370	47.595	84.397	88.684	68.542	66.169	72.931			
266	Т	6.5986	9.9925	4.8292	6.5654	6.5914	5.8479	5.7147	4.7329	6.7598	47.6399			
	S	71.813	71.372	70.523	63.401	57.616	65.058	73.614	71.093	69.394	67.557			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/S ^S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	6.2865	9.6830	4.8927	6.8232	7.3901	5.7461	6.1083	4.7194	7.2989	49.2652			
207	S	75.378	73.653	69.607	61.005	51.389	66.211	68.871	71.297	64.269	65.328			
268	Т	7.5146	10.7941	4.6320	5.6816	5.6915	5.3834	5.4665	4.6147	6.5176	45.5019			
208	S	63.059	66.071	73.525	73.263	66.726	70.672	76.956	72.914	71.973	70.731			
269	Т	8.0068	11.4496	4.8261	6.0805	6.8905	5.2223	5.8976	5.4153	7.5759	49.9150			
209	S	59.183	62.289	70.568	68.457	55.115	72.852	71.331	62.135	61.919	64.478			
270	Т	6.9271	10.3678	5.0203	6.2699	5.6756	5.2384	5.9218	4.8267	7.3700	47.2498			
270	S	68.407	68.788	67.838	66.389	66.913	72.628	71.040	69.712	63.649	68.115			
271	Т	6.9285	10.4591	5.0201	5.9687	5.4411	5.8771	5.7165	4.6775	7.2894	46.9189			
2/1	S	68.393	68.188	67.841	69.739	69.797	64.735	73.591	71.935	64.352	68.595			
272	Т	6.6858	9.7051	4.2301	5.5303	4.7028	5.0851	5.1823	4.3561	6.5442	42.3167			
2/2	S	70.876	73.485	80.511	75.267	80.755	74.818	81.177	77.243	71.680	76.055			
273	Т	5.6852	8.5339	4.2529	5.8357	4.7993	5.2316	5.3091	3.9039	3.4221	38.4398			
2/3	S	83.350	83.570	80.079	71.328	79.131	72.722	79.238	86.190	137.077	83.726			
274	Т	2.9904	4.6755	2.4257	2.8948	2.3314	2.2212	2.7844	2.3405	2.9514	20.9398			
2/4	S	158.462	152.536	140.400	143.792	162.895	171.283	151.085	143.763	158.938	153.698			
275	T	2.8379	4.4615	2.3399	2.8116	2.2967	2.1461	2.5771	2.1421	2.7572	19.9086			
275	S	166.977	159.852	145.548	148.047	165.356	177.277	163.238	157.078	170.133	161.659			
276	Т	2.6134	4.0308	2.0542	2.6064	2.2211	2.1080	2.7075	2.2022	2.8076	19.3204			
2/6	S	181.321	176.933	165.791	159.703	170.984	180.481	155.376	152.791	167.079	166.580			
277	Т	2.6016	3.9870	2.0256	2.6862	2.2581	2.1585	2.5793	2.1150	2.7389	19.1632			
2//	S	182.143	178.877	168.132	154.959	168.182	176.259	163.099	159.091	171.270	167.947			
278	Т	2.5955	4.0320	2.0754	2.6298	2.2305	2.1315	2.5703	2.1644	2.7755	19.1729			
2/8	S	182.571	176.880	164.098	158.282	170.263	178.491	163.670	155.460	169.011	167.862			
279	Т	2.6067	3.9887	2.0073	2.6051	2.2351	2.1132	2.5201	2.1317	2.7633	18.9825			
2/9	S	181.787	178.801	169.665	159.783	169.913	180.037	166.931	157.845	169.758	169.546			
280	Т	2.5872	3.9447	1.9703	2.6026	2.2294	2.1100	2.5326	2.1023	2.7368	18.8712			
200	S	183.157	180.795	172.851	159.936	170.348	180.310	166.107	160.052	171.401	170.546			
281	T	2.5907	3.9853	2.0258	2.6355	2.2426	2.1320	2.5677	2.1511	2.7622	19.1076			
201	S	182.909	178.953	168.115	157.940	169.345	178.450	163.836	156.421	169.825	168.436			
282	Т	2.6065	4.0162	2.0399	2.6216	2.2318	2.1811	2.6204	2.1515	2.7765	19.2293			
202	S	181.801	177.576	166.953	158.777	170.164	174.432	160.541	156.392	168.950	167.370			
283	Т	2.6008	3.9831	1.9976	2.5802	2.2254	2.1156	2.5982	2.2022	2.8086	19.1286			
203	S	182.199	179.052	170.489	161.325	170.654	179.833	161.913	152.791	167.019	168.251			
284	Т	2.6138	3.9757	1.9794	2.6037	2.2295	2.1129	2.5119	2.1599	2.7660	18.9771			
204	S	181.293	179.385	172.056	159.869	170.340	180.063	167.476	155.784	169.592	169.594			
205	Т	2.5956	3.9569	1.9710	2.5997	2.2405	2.1244	2.4812	2.1631	2.7794	18.9549			
285	S	182.564	180.238	172.790	160.115	169.504	179.088	169.548	155.553	168.774	169.793			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 14 - Kanaan, Tony

Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.5995	3.9646	1.9840	2.6036	2.2319	2.1056	2.5007	2.1530	2.7764	18.9547			
200	S	182.290	179.887	171.657	159.875	170.157	180.687	168.226	156.283	168.957	169.794			
287	T	2.6058	3.9848	2.0035	2.6294	2.2448	2.1131	2.4960	2.1590	2.7822	19.0338			
207	S	181.850	178.976	169.987	158.306	169.179	180.046	168.542	155.849	168.604	169.089			
288	Т	2.6121	3.9920	2.0076	2.6602	2.2600	2.1217	2.5162	2.1574	2.7798	19.1150			
200	S	181.411	178.653	169.639	156.473	168.041	179.316	167.189	155.964	168.750	168.370			
289	T	2.6031	3.9775	1.9970	2.6487	2.2589	2.1157	2.4982	2.1579	2.7759	19.0554			
209	S	182.038	179.304	170.540	157.153	168.123	179.824	168.394	155.928	168.987	168.897			
290	T	2.6014				2.2511	2.1105			2.8152	19.1340			
	S	182.157	179.516	170.668	157.486	168.705	180.267	168.684	151.341	166.628	168.203			
291	T	2.6278		2.0142		2.2695				2.8326	19.3506			
	S	180.327	177.762	169.084		167.338	178.827	164.922	149.679	165.604	166.320			
292	T	2.6212		1.9987	2.6897	2.2767					19.3814			
	S	180.781	178.532	170.395		166.808	177.708		150.280	166.032	166.056			
293	T	2.6267	4.0217	2.0285		2.2722	2.1353		2.2965	2.8840	19.5058			
	S	180.403	177.333	167.892	155.346	167.139	178.174		146.517	162.653	164.997			
294	T	2.6536		2.0442	2.7092	2.2816			2.3031	2.8812	19.6386			
	S	178.574								162.811	163.881			
295	T	2.6629		2.0670		2.2997	2.1607	2.6336			19.7045			
	S	177.950		164.764		165.140				164.334	163.333			
296	I	2.6386		2.0357	2.7531	2.3106				2.8496	19.6010			
	S	179.589		167.298		164.361	176.602	161.658		164.616	164.196			
297	I	2.6525		2.0856					2.2887	2.8746				
<u> </u>	S	178.648		163.295		164.525	175.689			163.185	162.622		+	
298	丁	2.6723	-	2.1163		2.3334			-	2.9082	20.0459		+	
	S	177.324		160.926		162.755	174.209		143.347	161.299	160.552		+	
299	T	2.6833		2.1132							20.3904		+	
	S	176.597	172.445	161.162			170.134			157.794	157.839		+	22.6662
300	듸	3.2745		3.0478		4.4043		5.4899					+	32.6962
1	S	144.713	133.176	111.742	93.198	86.228	84.807	76.628			I		1	86.885

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	10.5652	7.2714	4.4843	5.5174	5.4800	4.8212	5.5590	4.2933	4.6720	42.0986		34.3996	
1	S	67.503	65.168	75.947	75.443	69.302	78.913	75.676	78.373	100.405	76.449		74.854	
	Т	7.0390	4.4307	3.6353	4.3503	4.6984	4.1139	4.0162	3.0496	3.3740	31.6684			
2	S	101.319	106.950	93.684	95.683	80.830	92.480	104.746	110.335	139.031	101.628			
3	Т	4.6488	2.9333	2.4592	2.9888	2.4401	2.3552	2.9190	2.3601	2.8672	21.3229			
	S	153.412	161.546	138.487	139.270	155.638	161.538	144.118	142.569	163.606	150.936			
4	Т	4.4151	2.7868	2.3443	2.8811	2.3887	2.3129	2.7291	2.2662	2.8282	20.5373			
	S	161.532	170.039	145.275	144.476		164.492	154.147		165.862	156.710			
5	T	4.2046	2.6823	2.1959	2.7505	2.2806	2.1558	2.5953	2.2170	2.8293	19.7067			
	S	169.619	176.663	155.093	151.336		176.480			165.798	163.315			
6	T	4.1131	2.6488	2.1089			2.1331	2.5899	2.2759	2.8857	19.5564			
	S	173.393	178.897	161.491	155.613		178.358	-		162.557	164.570			
7	┸	4.1393	2.6808	2.1111	2.7048	2.2522	2.1342	2.5515	2.2045	2.7969	19.4360			
	S	172.295	176.762	161.323	153.893	·	178.266	164.876	152.632	167.718	165.590			
8	ፗ	4.0455	2.6219	2.0584			2.1146	2.5167	2.1943	2.8343	19.2262			
	S	176.290	-	165.453	157.046		179.918			165.505	167.397			
9	T	4.0932	2.6450				2.1317	2.5407		2.7833	19.3606			
	S	174.236	179.154				178.475			168.538	166.235			
10	I	4.0630								2.7792	19.1732			
	S	175.531	180.492	164.129			180.029			168.786	167.859			
11	T	4.0317	2.6119		2.6349	-	-			2.9196				
	S	176.894	181.425					165.122		160.670				
12	工	4.0838		2.0676			2.1308		+	2.8321	19.4417			
	S	174.637	177.797	164.717	154.539		178.550			165.634	165.541		ļ	
13	ፗ	4.0636	-			-			-	2.8270			ļ	
	S	175.505	179.609	164.248						165.932	165.118			
14	I	4.0835	2.6415		2.7152					2.8125	19.4747			
	S	174.650	179.392	163.100			177.617	163.194		166.788	165.261			ļ
15	I	4.0918		2.0990	•					2.8354	19.5199			
	S	174.295	179.405	162.253	153.247		177.708			165.441	164.878			
16	፲	4.1973	2.6656		3.3499		3.0079	3.9131		4.8692	26.7921			
	S	169.914			124.257	124.896	126.485	107.506		96.338	120.125			
17	I	6.4443	4.2772	3.0945	3.8043		3.1000	3.6366		3.9603	28.0295			
	S	110.669	110.788	110.056	109.416	122.975	122.727	115.680		118.448	114.822			\vdash
18	I	6.2462	3.9239	3.3896	4.6834		4.9071	5.3417		6.6701	38.4050			
	S	114.179		100.474	88.878		77.531	78.754		70.327	83.802	22.4400		25.4060
19	T	9.4446	6.3605	4.3942	5.4642		4.1610				42.9713	32.4180		35.1869
	S	75.512	74.501	77.504	76.178	81.362	91.433	93.230		l	74.897	30.717		80.734

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 15 - Rahal, Graham

Race

Report:

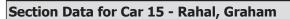
Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т						2.7069	3.2406	2.6580	3.2033	45.6961		21.0625	
20	S						140.550	129.816	126.590	146.440	70.431		122.252	
24	Т	4.9185	3.0919	2.6696	3.8138	4.3271	4.6241	4.9128	3.8314	5.4143	32.6850			
21	S	145.000	153.260	127.573	109.143	87.766	82.276	85.630	87.821	86.639	98.467			
22	Т	8.9555	5.9520	4.2522	5.7065	5.5188	5.0672	4.4121	3.5923	6.0788	40.5799			
	S	79.636	79.614	80.092	72.943	68.814	75.082	95.347	93.666	77.168	79.310			
23	Т	9.0611	6.4397	3.6982	4.5631	5.0547	4.3480	4.4245	4.1147	6.2538	38.8967			
	S	78.708	73.585	92.090	91.221	75.133	87.501	95.080	81.774	75.009	82.742			
24	Т	6.9185	4.8136	2.9801	4.1305	3.2864	2.6465	2.8787	2.3645	2.9427	26.0430			
24	S	103.083	98.443	114.281	100.775	115.559	143.758	146.136	142.304	159.408	123.580			
25	Т	4.1920	2.6820	2.1957	2.7580	2.2668	2.1585	2.6951	2.2525	2.8354	19.8440			
25	S	170.129	176.683	155.107	150.925	167.537	176.259	156.091	149.379	165.441	162.185			
26	Т	4.1455	2.6502	2.1579	2.7101	2.2478	2.1685	2.6550	2.2045	2.7565	19.5505			
26	S	172.038	178.803	157.824	153.592	168.953	175.446	158.449	152.632	170.176	164.620			
27	Т	4.1515	2.6479	2.1604	2.7085	2.2465	2.1520	2.7318	2.2878	2.8230	19.7579			
	S	171.789	178.958	157.641	153.683	169.051	176.791	153.994	147.075	166.168	162.892			
28	Т	4.2121	2.6861	2.1875	2.7265	2.2734	2.2563	2.7745	2.2848	2.8838	20.0729			
20	S	169.317	176.413	155.688	152.668	167.051	168.619	151.624	147.268	162.664	160.336			
29	Т	4.2150	2.6755	2.2104	2.7010	2.2556	2.1748	2.6658	2.3020	2.8593	19.8444			
29	S	169.201	177.112	154.075	154.110	168.369	174.938	157.807	146.167	164.058	162.182			
30	Т	4.1525	2.6574		2.7044	2.2526		2.6317	2.2093	2.8273	19.6051			
	S	171.748	178.319		153.916	168.593	175.835	159.852		165.915	164.161			
31	T	4.1140	2.6464		2.7116	2.2556	2.1425	2.5758	2.2133	2.8478	19.5242			
	S	173.355	179.060	159.801	153.507	168.369	177.575	163.321	152.025	164.720	164.842			
32	T	4.1452	2.6703	2.1355		2.2872	2.2734			2.8779	19.9799			
J-2	S	172.050	177.457	159.479	151.089		167.350	-		162.998	161.082			
33	T	4.1487	2.6804		2.7122	2.2687	2.1552	2.5870		2.8750	19.6637			
	S	171.905	176.788	160.456		167.397	176.529			163.162	163.672			
34	L	4.1500	2.6862	2.1120	2.6709	2.2460	2.1304	2.5699	2.2630	2.8792	19.5576			
	S	171.851	176.407	161.254	155.846	169.088	178.584	163.696		162.924	164.560			
35	Т	4.1828	2.7080			2.2849		-		2.9123	19.8843			
	S	170.503	174.987	160.275	151.755	166.210			-	161.072	161.856			
36	Т	4.1304	2.6819			2.2851	2.1512	2.5466		2.8579	19.5913			
	S	172.667	176.690	161.652	152.016	166.195	176.857	165.194	•	164.138	164.277			
37	I	4.1735	2.6708		2.7819	2.3071	2.1728	•		2.8751	19.8642			
	S	170.883	177.424		149.628	164.610				163.156	162.020			
38	Т	4.4220	2.8223			2.3280		2.6523		2.8328	20.1105			
	S	161.280	167.900	148.047	149.510	163.133	174.025	158.610	152.639	165.593	160.036			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR



Race

Report:

Session:

Section Data Report

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	4.3010	2.7665	2.2058	2.7037	2.3006	2.1619	2.6033	2.2061	2.8293	19.7772			
39	S	165.818		154.397	153.956	165.076	175.982	161.596	152.521	165.798	162.733			
40	Т	4.2844	2.7714	2.1689	2.6739	2.2895	2.2170	2.6317	2.1961	2.8221	19.7706			
40	S	166.460	170.983	157.023	155.671	165.876	171.608	159.852	153.216	166.221	162.787			
41	Т	4.1493	2.6584	2.1380	2.7228	2.3194	2.1717	2.5875	2.2665	2.8773	19.7416			
41	S	171.880	178.251	159.293	152.876	163.737	175.187	162.582	148.457	163.032	163.026			
42	Т	4.1426		2.1232	2.7232	2.2757	2.1497	2.5360	2.2200	2.8453	19.5514			
42	S	172.158	176.927	160.403	152.853	166.882	176.980	165.884	151.566	164.865	164.612			
43	Т	4.0901	2.6508	2.0862	2.6970	2.2701	2.1351	2.5099	2.3353	2.9606	19.6450			
43	S	174.368	178.763	163.248	154.338	167.293	178.191	167.609	144.083	158.445	163.828			
44	Т	4.1324	2.6898	2.0971	2.7132	2.2797	2.1518	2.5527	2.2689	2.8766	19.6298			
44	S	172.583	176.171	162.400	153.417	166.589	176.808	164.799	148.300	163.071	163.955			
45	Т	4.1110	2.6600	2.1094	2.7908	2.3423	2.1946	2.6320	2.2839	2.9087	19.9217			
45	S	173.481	178.144	161.453	149.151	162.137	173.359	159.834	147.326	161.272	161.552			
46	Т	4.2359	2.7164	2.1879	2.7705	2.3436	2.1814	2.6081	2.3957	2.9538	20.1574			
40	S	168.366	174.445	155.660	150.244	162.047	174.408	161.298	140.451	158.809	159.663			
47	Т	4.1418	2.6885	2.1146	2.7644	2.3057	2.1678	2.5886	2.2884	2.9008	19.8188			
47	S	172.191	176.256	161.056	150.575	164.710	175.503	162.513	147.036	161.711	162.391			
48	Т	4.1499	2.6852	2.1209	2.7533	2.2967	2.1579	2.5650	2.3258	2.9427	19.8475			
40	S	171.855	176.472	160.577	151.182	165.356	176.308	164.009	144.672	159.408	162.156			
49	Т	4.1418	2.6896	2.1032	2.7146	2.2730	2.1627	2.6541	2.4250	2.9757	19.9979			
49	S	172.191	176.184	161.929	153.338	167.080	175.916	158.503	138.754	157.641	160.937			
50	LT	4.2002	2.7230	2.1271	2.7849	2.3205	2.2317	2.7655	2.3675	2.9232	20.2434			
	S	169.797	174.023	160.109	149.467	163.660	170.477	152.118	142.123	160.472	158.985			
51	Т	5.1998	3.2076	2.9198	4.1050	3.4746	3.3529	4.0435	3.4017	4.4536	28.9587			
31	S	137.156	147.732	116.641	101.401	109.300	113.470	104.039	98.914	105.328	111.138			
52	T	6.6689	4.3774	3.2540	3.9105	3.1387	3.0962	3.8372	3.3498	4.4523	29.4161			
52	S	106.941	108.252	104.661	106.444		122.878			105.359	109.409			
53	Т	8.2288	5.2974	4.0779	4.8382		5.9609		•	6.2092	42.0706			
	S	86.669	89.452	83.516	86.034			77.950	70.987	75.548	76.500			
54	Т	9.6138		4.3373	5.6549		4.8329			6.2741	42.9591			
	S	74.183	72.683	78.521	73.609		78.722		74.645	74.766	74.918			
55	Т	10.3055	6.9473	4.7741	6.5653		6.2866				68.4064	1648.4488		50.2042
	S	69.204	68.208	71.337	63.402	67.690	60.518	50.191			47.048	0.604		56.585
56	T						3.8962	3.9824	3.2598	4.6639	1657.1054		26.8588	
	S						97.648	105.635	103.220	100.579	1.942		95.870	
57	T	8.4183	5.7376	3.7294	4.3853	4.5602	4.6267	5.5707	4.1348	4.7604	37.5051			
	S	84.718	82.589	91.320	94.919	83.280	82.230	75.517	81.377	98.540	85.812			

TAG

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Section Data Report

July 20, 2019 INDYCAR

Section Data for Car 15 - Rahal, Graham

Report:

Session: Race

Lap			SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	8.0644	5.7313	3.2810	3.9209	4.2058	4.0344	4.5266			40.2433	32.0996		32.3111
58	S	88.436	82.680	103.800	106.162	90.297	94.303	92.935			79.974	31.022		87.920
	Т						3.4855	3.9284	3.0139	4.3209	49.7378		25.5704	
59	S						109.154	107.087	111.642	108.563	64.707		100.700	
	Т	6.4059	4.2033	3.0929	3.4651	2.9192	3.3486	3.6441	3.4607	6.7886	30.9225			
60	S	111.332	112.736	110.113	120.126	130.095	113.616	115.442	97.228	69.100	104.080			
C1	Т	10.3456	7.7899	3.5749	4.7935	6.0233	5.0952	5.2875	4.3783	5.4742	42.4168			
61	S	68.936	60.831	95.266	86.836	63.051	74.669	79.562	76.851	85.691	75.876			
62	Т	7.6992	5.1653	3.6083	4.0225	3.7405	5.0418	4.4778	3.9007	5.2753	35.2322			
02	S	92.631	91.740	94.385	103.480	101.530	75.460	93.948	86.261	88.922	91.348			
63	Т	9.0606	6.8701	3.1116	4.3611	5.8683	6.1041	4.9462	4.2769	7.1331	42.6714			
03	S	78.712	68.975	109.451	95.446	64.716	62.328	85.052	78.673	65.763	75.423			
64	Т	8.3347	5.8211	3.5306	5.0365	5.2432	5.0441	5.1211	4.0938	5.8810	39.7714			
04	S	85.568	81.404	96.462	82.647	72.431	75.426	82.147	82.192	79.764	80.922			
65	Т	6.7039	4.5134	3.0872	3.6475	3.5700	4.1692	4.6044	2.9210	3.1944	29.7071			
05	S	106.383	104.990	110.316	114.119	106.379	91.254	91.365	115.192	146.848	108.338			
66	T	4.5679	2.8705	2.4247	2.9356	2.4068	2.2494			2.9274	21.2073			
	S	156.129	165.081	140.458	141.794	157.792	169.136	144.604	135.474	160.241	151.759			
67	T	4.2418	2.7148	2.2098	2.7509	2.2660	2.1723	2.6521	2.2423	2.8421	19.8503			
	S	168.132	174.548	154.117	151.314	167.596	175.139	158.622	150.059	165.051	162.134			
68	T	4.1195	-		2.6802	2.2340	2.1236		2.2001	2.8513	19.3838			
	S	173.123	177.957		155.306	169.997	179.155	166.858	152.937	164.518	166.036			
69	口	4.0928			2.6409	2.2256				2.7796	19.1309			
	S	174.253	177.970		157.617	170.638	180.225	168.542		168.762	168.230		ļ	
70	口	4.0450	2.6256	2.0533	2.6441	2.2264	2.1168	2.4815	2.1646	2.7988	19.1111		ļ	
	S	176.312	180.478		157.426	170.577	179.731	169.527	155.445	167.604	168.405			
71	T	4.0353			2.6488	2.2308				2.7783	19.0616			
	S	176.736			157.147	170.241	180.490		156.888	168.841	168.842			
72	ഥ	4.0600	•			2.2409	2.1142	2.4911	2.1862	2.8278	19.2210		ļ	
ļ	S	175.661	180.355		156.156	169.473	179.952	168.874		165.885	167.442			
73	T	4.0354			2.6489	2.2349	2.1071	2.4941	2.1757	2.8149	19.1415			
	S	176.731	180.224		157.141	169.928	180.558		154.652	166.646	168.137			
74	I	4.0582	2.6350			2.2473	2.1260			2.8167	19.2921			
<u> </u>	S	175.738		165.501	155.398	168.991	178.953	165.492	153.734	166.539	166.825			
75	I	4.0746			2.6427	2.2408	2.1800			2.8026	19.3702			
<u> </u>	S	175.031	179.195		157.509	169.481	174.520	-		167.377	166.152			
76	I	4.0678		2.0537	2.6856	2.2604	2.1749			2.9021	19.6157			
	S	175.324	179.243	165.832	154.993	168.011	174.930	160.676	147.766	161.638	164.073			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 15 - Rahal, Graham

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	4.0963	2.6723	2.0664	2.6935	2.2615	2.1302	2.5486	2.2266	2.8331	19.4322			
	S	174.104	177.324	164.812	154.539	167.930	178.600	165.064	151.117	165.575	165.622			
78	Т	4.0739	2.6413	2.0689	2.6664	2.2623	2.1401	2.5410	2.2360	2.8400	19.3960			
/6	S	175.061	179.405	164.613	156.109	167.870	177.774	165.558	150.482	165.173	165.931			
79	Т	4.0905	2.6547	2.0728	2.7142	2.2835	2.1407	2.5439	2.2293	2.8625	19.5016			
/9	S	174.351	178.500	164.303	153.360	166.312	177.724	165.369	150.934	163.875	165.033			
80	Т	4.0750	2.6515	2.0580	2.7303	2.2875	2.1506	2.5793	2.2026	2.8310	19.4908			
80	S	175.014	178.715	165.485	152.456	166.021	176.906	163.099	152.764	165.698	165.124			
81	Т	4.0738	2.6456	2.0692	2.7060	2.2702	2.1428	2.5739	2.2150	2.8360	19.4587			
01	S	175.065	179.114	164.589	153.825	167.286	177.550	163.441	151.908	165.406	165.396			
82	Т	4.0882	2.6491	2.0819	2.6974	2.2773	2.1575	2.5869	2.2189	2.8389	19.5079			
02	S	174.449	178.877	163.585	154.315	166.764	176.340	162.620	151.641	165.237	164.979			
83	Т	4.1300	2.6673	2.1029	2.7100	2.2874	2.1715	2.6257	2.2495	2.8768	19.6911			
63	S	172.683	177.657	161.952	153.598	166.028	175.204	160.217	149.579	163.060	163.444			
84	Т	4.0854	2.6538	2.0788	2.7221	2.2873	2.1850	2.6882	2.3935	2.9461	19.9548			
04	S	174.568	178.560	163.829	152.915	166.035	174.121	156.492	140.580	159.224	161.285			
85	Т	4.1595	2.6965	2.1211	2.7921	2.3262	2.2107	2.7087	2.3561	2.9493	20.1607			
05	S	171.459	175.733	160.562	149.081	163.259	172.097	155.308	142.811	159.052	159.637			
86	Т	4.1405	2.6930	2.0912	2.6991	2.2853	2.2791	2.7234	2.2442	2.8565	19.8718			
- 80	S	172.245	175.961	162.858	154.218	166.181	166.932	154.469	149.932	164.219	161.958			
87	Т	4.1279	2.6736	2.0947	2.6787	2.2857	2.2498	2.7148	2.2376	2.8416	19.7765			
67	S	172.771	177.238	162.586	155.393	166.152	169.106	154.959		165.080	162.739			
88	T	4.1197	2.6669	2.0884	2.6658	2.2679	2.2717	2.6829	2.2351	2.8567	19.7354			
	S	173.115	177.683	163.076	156.144	167.456	167.476	156.801	150.542	164.207	163.078			
89	T	4.1230	2.6608	2.0984	2.6643	2.2617	2.2515			2.9752	19.9653			
09	S	172.976	178.091	162.299	156.232	167.915	168.978	154.885	143.960	157.667	161.200			
90	T	4.1838	2.7183	2.1075	2.7143	2.2854	2.1977			2.8583	19.8305			
	S	170.463	174.324	161.598	153.354	•	173.115			164.115	162.295			
91	T	4.2167	2.7255	2.1353	2.6789	2.2696			+	3.0133	20.2160		<u> </u>	
ļ	S	169.133	173.863	159.494	155.381	167.330				155.673	159.201			
92	T	4.2255	2.7384	2.1463	2.7571	2.3269				2.9742	20.3355			
	S	168.780	173.044	158.677	150.974	163.210				157.720	158.265			
93	T	4.2822	2.7476	2.2029	2.7809		2.1966			2.9025	20.2054			
	S	166.546	172.465	154.600	149.682	161.978	173.202	153.405	147.062	161.616	159.284		ļ	
94	I	4.1414	2.6922	2.0972	2.6988					2.8550	19.5614		<u> </u>	
	S	172.208	176.014	162.392	154.235	-	-			164.305	164.528			
95	T	4.0979	2.6598	2.0866			2.1499				19.5270			
	S	174.036	178.158	163.217	154.058	167.139	176.964	164.342	150.684	163.800	164.818			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 15 - Rahal, Graham

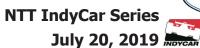
Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
06	Т	4.0638	2.6577	2.0482	2.6784	2.2702	2.1529	2.5640	2.1987	2.8795	19.4496			
96	S	175.496	178.298	166.277	155.410	167.286	176.717	164.072	153.035	162.907	165.474			
0.7	Т	4.1022	2.6666	2.0785	2.6838	2.2825	2.1621	2.5774	2.2379	2.8580	19.5468			
97	S	173.853	177.703	163.853	155.097	166.385	175.965	163.219	150.354	164.133	164.651			
	Т	4.0884	2.6538	2.0723	2.7013	2.2810	2.1494	2.5521	2.2343	2.8595	19.5037			
98	S	174.440	178.560	164.343	154.092	166.494	177.005	164.838	150.596	164.046	165.015			
99	Т	4.0890	2.6596	2.0692	2.7158	2.2837	2.1558	2.5841	2.2651	2.8635	19.5968			
99	S	174.415	178.171	164.589	153.270	166.297	176.480	162.796	148.549	163.817	164.231			
100	Т	4.1091	2.6595	2.0916	2.7217	2.3032	2.2022	2.6845	2.3271	2.9157	19.9055			
100	S	173.562	178.178	162.827	152.938	164.889	172.761	156.708	144.591	160.884	161.684			
101	Т	4.1262	2.6812	2.0877	2.7027	2.2828	2.1862	2.6592	2.2760	2.8871	19.7629			
101	S	172.842	176.736	163.131	154.013	166.363	174.025	158.199	147.837	162.478	162.851			
102	T	4.1111	2.6696	2.0831	2.7307	2.2914	2.1660	2.6389	2.3146	2.8988	19.7931			
102	S	173.477	177.504	163.491	152.433	165.738	175.648	159.416	145.372	161.822	162.602			
103	T	4.1186	2.6673	2.0995	2.7197	2.3007	2.1693	2.6505	2.4331	2.9815	20.0216			
103	S	173.161	177.657	162.214	153.050	165.068	175.381	158.718	138.292	157.334	160.746			
104	T	4.1667	2.7027	2.1207	2.7496	2.3066	2.1941	2.6928	2.3332	2.9267	20.0264			
104	S	171.162	175.330	160.592	151.386	164.646	173.399	156.225	144.213	160.280	160.708			
105	T	4.1424	2.6800	2.1190	2.7578	2.3102	2.2291	2.7308	2.3139	2.9383	20.0791			
103	S	172.166	176.815	160.721	150.936	164.390	170.676	154.051	145.416	159.647	160.286			
106	T	4.2387	2.7203	2.2015	2.8165	2.3646	2.3174	2.8120	2.3441	2.9558	20.5322			
100	S	168.255	174.195	154.698	147.790	160.608	164.173	149.602	143.542	158.702	156.749			
107	┸	4.3518	2.8032	2.2168	2.8150	2.3813	2.2399	2.7326	2.3462	2.9415	20.4765			
107	S	163.882	169.044	153.631	147.869	159.481	169.853	153.949	143.414	159.473	157.175			
108	T	4.2402	2.7213	2.1862	2.8491	2.4321	2.2720	2.7720	2.3170	2.9271	20.4768			
100	S	168.195	174.131	155.781	146.099	156.150	167.454	151.761	145.221	160.258	157.173			
109	T	4.2581	2.7379		2.7662	2.3616	2.2323	2.7688		2.9476	20.3463			
109	S	167.488	173.076	155.888	150.477	160.812	170.432		+	159.143	158.181			
110	I	4.2835	2.7592	2.1950		2.4247	2.2664			2.9165	20.5406			
-10	S	166.495	171.740			156.627	167.867	152.101		160.840	156.685			
111	T	4.2399	2.7250			2.3386	2.2126			3.0019	20.4058			
	S	168.207	173.895	155.447	149.914	162.393	171.949			156.265	157.720			
112	I	4.2818	2.7604			2.3358	2.2380			2.9278	20.2976			
112	S	166.561	171.665	155.001	149.558	162.588	169.998	153.455		160.220	158.561			
113	I	4.2144	2.7140	2.1790		2.4023	2.2718	2.7909	2.3612	2.9394	20.5368			
113	S	169.225	174.600	156.296	144.622	158.087	167.468	150.733	142.503	159.587	156.714			
114	Т	4.3825	2.7967	2.2759	2.8280	2.3762	2.3792	2.8583	2.3467	2.9447	20.8057			
114	S	162.734	169.437	149.641	147.189	159.824	159.909	147.179	143.383	159.300	154.688			

Track: **Iowa Speedway** 0.894 mile(s)





Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	4.3639	2.7870	2.2642	2.8187	2.3989	2.2858	2.8701	2.3948	2.9713	20.7908			
115	S	163.428	170.026	150.414	147.674	158.311	166.443	146.574	140.503	157.874	154.799			
116	Т	4.4593	2.8467	2.3015	2.8288	2.3833	2.3081	2.8550	2.3529	2.9705	20.8468			
116	S	159.931	166.461	147.977	147.147	159.347	164.835	147.349	143.005	157.916	154.383			
117	Т	4.4046	2.8159	2.2674	2.8351	2.3762	2.3045	2.8703	2.3681	2.9661	20.8036			
11/	S	161.917	168.281	150.202	146.820	159.824	165.092	146.564	142.087	158.151	154.704			
118	Т	4.5953	2.9370	2.3629	2.8311	2.3821	2.4334	2.9884	2.4213	3.0136	21.3698			
110	S	155.198	161.343	144.131	147.028	159.428	156.347	140.772	138.966	155.658	150.605			
119	Т	4.4398	2.8367	2.2879	2.7881	2.3680	2.2522	2.7865	2.3512	2.9681	20.6387			
119	S	160.634	167.047	148.856	149.295	160.377	168.926	150.971	143.109	158.044	155.940			
120	Т	4.2805	2.7494	2.2073	2.8675	2.3892	2.2438	2.7617	2.3662	2.9886	20.5737			
120	S	166.612	172.352	154.292	145.161	158.954	169.558	152.327	142.202	156.960	156.433			
121	Т	4.2253	2.7275	2.1839	2.8278	2.3385	2.2178	2.7431	2.3668	2.9609	20.3663			
121	S	168.788	173.736	155.945	147.199	162.400	171.546	153.360	142.165	158.428	158.026			
122	Т	4.2367	2.7305	2.1818	2.8350	2.3561	2.2432	2.7757	2.3753	2.9574	20.4550			
122	S	168.334	173.545	156.095	146.825	161.187	169.603	151.559	141.657	158.616	157.341			
123	Т	4.2314	2.7256	2.1839	2.8394	2.3456	2.2226	2.7562	2.3692	2.9493	20.3918			
123	S	168.545	173.857	155.945	146.598	161.909	171.175	152.631	142.021	159.052	157.828			
124	Т	4.2293	2.7227	2.1774	2.8509	2.3630	2.2651	2.8364	2.3540	2.9716	20.5411			
124	S	168.629	174.042	156.410	146.007	160.716	167.964	148.315	142.939	157.858	156.681			
125	Т	4.2732	2.7411	2.2202	2.8550	2.4034	2.3183	2.8705	2.3945	2.9723	20.7753			
125	S	166.896	172.874	153.395	145.797	158.015	164.109	146.553	140.521	157.821	154.915			
126	Т	4.2698	2.7418	2.2112	2.8465	2.3676	2.2710	2.8832	2.3966	2.9749	20.6928			
120	S	167.029	172.829	154.020	146.232	160.404	167.527	145.908	140.398	157.683	155.532			
127	Т	4.2489	2.7315	2.1815	2.8677	2.4001	2.2517	2.8523	2.3778	2.9559	20.6185			
127	S	167.851	173.481	156.117	145.151	158.232	168.963	147.489	141.508	158.696	156.093			
128	Т	4.2235	2.7195	2.1737	2.8190		2.2906	2.8441	2.3576	2.9558	20.5262			
120	S	168.860	174.247	156.677	147.659		166.094	147.914	142.720	158.702	156.795			
129	Т	4.2104	2.7078	2.1862	2.8246		2.2248	2.7497	2.3638	2.9872	20.3833			
129	S	169.386	174.999	155.781	147.366	162.352	171.006	152.992	142.346	157.034	157.894			
130	Т	4.2977	2.7407	2.2623	2.8739	2.3844	2.4001	2.9216	2.3472	2.9520	20.8822			
130	S	165.945	172.899	150.541	144.838	159.274	158.516	143.990	143.353	158.906	154.122			
131	Т	4.4476	2.8611	2.2653	2.8550	2.4211	2.3057	2.9719		3.0277	21.1610			
	S	160.352	165.623	150.341	145.797	156.860	165.006	141.553	137.159	154.933	152.091			
132	T	4.4496	2.8437	2.3092	2.8520	-	2.2517	2.8379	2.4173	2.9948	20.8887			
132	S	160.280	166.636	147.483	145.950	159.428	168.963	148.237	139.195	156.635	154.074			
133	Т	4.3698	2.7855	2.2767	2.8417	2.3964	2.2489	2.7515	2.3608	2.9530	20.6145			
133	S	163.207	170.118	149.589	146.479	158.476	169.174	152.892	142.527	158.852	156.123			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	4.3208	2.7418	2.2994	2.9821	2.4138	2.2957	2.8370	2.3943	3.0225	20.9866			
134	S	165.058	172.829	148.112	139.583	157.334	165.725	148.284	140.533	155.200	153.355			
125	T	4.4208	2.8323	2.2691	2.8732	2.4296	2.2505	2.8316	2.4040	2.9857	20.8760			
135	S	161.324	167.307	150.090	144.873	156.311	169.053	148.567	139.966	157.113	154.167			
136	T	4.3003	2.7625	2.2188	2.8535	2.3866	2.2400	2.7299	2.3765	2.9934	20.5612			
130	S	165.845	171.534	153.492	145.873	159.127	169.846	154.102	141.585	156.708	156.528			
137	T	4.2770	2.7509	2.2048	2.8252	2.3435	2.2064	2.7010	2.3646	2.9567	20.3531			
13/	S	166.748	172.258	154.467	147.335	162.054	172.432	155.750	142.298	158.654	158.128			
138	T	4.2203	2.7192	2.1829	2.8458	2.3566	2.3731	2.9178	2.4821	3.0876	20.9651			
130	S	168.988	174.266	156.016	146.268	161.153	160.320	144.178	135.562	151.927	153.512			
139	T	4.3369	2.7874	2.2489	2.9736	2.4932					30.6739	32.0129		22.8820
139	S	164.445	170.002	151.438	139.982	152.323					104.923	31.106		124.150
140	Т						2.5071	2.8991	2.3960	2.9664	43.6225		19.4015	
140	S						151.751	145.108	140.433	158.135	73.778		132.719	
141	T	4.2954	2.7587	2.2130	2.7673	2.3107	2.2084	2.7607	2.2846	2.8823	20.1857			
171	S	166.034	171.771	153.894	150.417	164.354	172.276	152.382	147.281	162.749	159.440			
142	LT	4.1836	2.6951	2.1349	2.6828	2.2600	2.1665	2.6391	2.1927	2.8013	19.5724			
172	S	170.471	175.824	159.524	155.155	168.041	175.608	159.404	153.453	167.455	164.436			
143	口	4.0573	2.6313	2.0604	2.6607	2.2538	2.1443	2.5879	2.1595	2.7962	19.2941			
143	S	175.777	180.087	165.292	156.444		177.426	162.557	155.813	167.760	166.807			
144	T	4.2331	2.6954	2.1997	2.7310		2.1717	2.5424	2.1654	2.7992	19.6108			
177	S	168.477	175.805	154.825	152.417		175.187	165.466	155.388	167.580	164.114			
145	口	4.0321	2.6274	2.0295	2.6135		2.1204	2.4641	2.1238		18.9860			
145	S	176.876	180.355	167.809	159.269		179.426	170.724	158.432	168.926	169.514			
146	ഥ	4.0163	2.6207	2.0195	2.6107	2.2371	2.1245	2.4767	2.1182	2.7653	18.9727			
110	S	177.572	180.816	168.640	159.440		179.080	169.856	158.851	169.635	169.633			
147	I	3.9973	2.6154	1.9971	2.5866		2.1154	2.4694	2.1347	2.7836	18.9210			lacksquare
	S	178.416	181.182	170.531	160.926		179.850	170.358	157.623	168.520	170.097			lacksquare
148	LI	4.0139	2.6240	2.0036	2.5872		2.1211	2.4881	2.1683	2.8100	19.0310			lacksquare
	S	177.678	180.588	169.978	160.888		179.367	169.078	155.180	166.936	169.114			
149	ഥ	3.9989	2.6221	1.9940	2.5909		2.1174	2.5146	2.1662	2.8011	19.0406			lacksquare
L	S	178.344	180.719	170.796	160.658		179.680	167.296	155.331	167.467	169.028			lacksquare
150	ഥ	4.0078	2.6167	2.0135	2.6137	+	2.1249	2.5436	2.2407	2.8536	19.2445			lacksquare
155	S	177.948	181.092	169.142	159.257	+	179.046	165.388	150.166	164.386	167.237			lacksquare
151	ഥ	4.0598	2.6486	2.0415	2.6438			2.5920	2.1525	2.8024	19.2839			
	S	175.669	178.911	166.823	157.444			162.300	156.319	167.389	166.896			
152	ഥ	4.0360	2.6239	2.0427	2.6426			2.6020	2.2112	2.8346	19.3739			
	S	176.705	180.595	166.725	157.515	168.071	176.357	161.676	152.170	165.488	166.120			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	4.0237	2.6379	2.0178	2.6542	2.2629	2.1527	2.6144	2.2552	2.8362	19.4313			1
153	S	177.245	179.637	168.782	156.827	167.826	176.734	160.910	149.201	165.394	165.630			
154	Т	4.0302	2.6350	2.0264	2.6415	2.2566	2.1377	2.5681	2.2094	2.8301	19.3048			
154	S	176.959	179.834	168.066	157.581	168.294	177.974	163.811	152.294	165.751	166.715			
155	Т	4.0275	2.6372	2.0211	2.6736	2.2878	2.1636	2.5937	2.1945	2.8124	19.3839			
155	S	177.078	179.684	168.506	155.689	165.999	175.843	162.194	153.328	166.794	166.035			
156	Т	4.1050	2.6546	2.0966	2.6700	2.2833	2.2419	2.6639	2.2134	2.8539	19.6776			
150	S	173.735	178.507	162.438	155.899	166.326	169.702	157.920	152.018	164.368	163.557			
157	Т	4.0810	2.6355	2.0886	2.7124	2.3321	2.1764	2.5761	2.2389	2.8614	19.6214			
157	S	174.757	179.800	163.061	153.462	162.846	174.809	163.302	150.287	163.938	164.025			
158	Т	4.0565	2.6580	2.0283	2.6785	2.2792	2.1455	2.5593	2.1851	2.8194	19.3533			
130	S	175.812	178.278	167.908	155.404	166.625	177.327	164.374	153.987	166.380	166.297			
159	T	4.0350	2.6338	2.0356	2.6619	2.2715	2.1488	2.5756	2.2000	2.8277	19.3549			
123	S	176.749	179.916	167.306	156.373	167.190	177.054	163.334	152.944	165.891	166.283			
160	Т	4.0641	2.6399	2.0524	2.6544	2.2657	2.1658	2.6391	2.2876	2.8909	19.5958			
100	S	175.483	179.501	165.937	156.815	167.618	175.665	159.404	147.087	162.265	164.239			
161	Т	4.0678	2.6583	2.0358	2.6716	2.2722	2.1721	2.6350	2.2238	2.8513	19.5201			
101	S	175.324	178.258	167.290	155.806	167.139	175.155	159.652	151.307	164.518	164.876			
162	Т	4.0611	2.6539	2.0379	2.6604	2.2598	2.1483	2.6345	2.3121	2.8901	19.5970			
102	S	175.613	178.554	167.117	156.461	168.056	177.096	159.682	145.529	162.310	164.229			
163	T	4.0993	2.6710	2.0683	2.7048	2.2812	2.1564	2.6228	2.2616	2.8739	19.6400			
103	S	173.976	177.411	164.661	153.893	166.479	176.430	160.394	148.778	163.225	163.870			
164	T	4.0879	2.6674	2.0605	2.7286	2.3043	2.2012	2.6644	2.2301	2.8516	19.7081			
104	S	174.462	177.650	165.284	152.551	164.810	172.840	157.890	150.880	164.501	163.303			
165	Т	4.1265	2.6687	2.1090	2.7285	2.3061	2.2215	2.6857	2.2229	2.8463	19.7887			
103	S	172.830	177.563	161.483	152.556	164.682	171.260	156.638	151.369	164.807	162.638			
166	Т	4.2859	2.7785	2.1507	2.7623	2.3511	2.2377	2.7742	2.2762	2.8801	20.2108			
100	S	166.402	170.547	158.352	150.690	161.530	170.020	151.641	147.824	162.873	159.242			
167	T	4.3091	2.7810	2.1944	2.7539	2.3190	2.2657	2.8734	2.3251	2.9309	20.4434			
107	S	165.506	170.393	155.199	151.149	163.766	167.919	146.406	144.715	160.050	157.430			
168	Т	4.2282	2.7144	-		2.3678	-	2.7746		2.9284	20.3753			
100	S	168.673		156.353	147.528	160.391	165.114	151.619	147.178	160.187	157.956			
169	T	4.2344	2.7297			2.3283	2.2300	2.7057	2.2375	2.8617	20.0186			
109	S	168.426	173.596	156.317	151.529	163.112	170.607	155.480	150.381	163.920	160.770			
170	Т	4.1798	2.6913	2.1390	2.6810	2.2929	2.1796	2.8454	2.4109	2.9678	20.2079			
1/0	S	170.626	176.072	159.218	155.259	165.630	174.552	147.846	139.565	158.060	159.264			
171	Т	4.1404	2.7075	2.0853	2.8063	2.3309	2.2026	2.6422	2.2257	2.8540	19.8545			
171	S	172.249	175.019	163.319	148.327	162.930	172.730	159.216	151.178	164.363	162.099			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S		•	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	4.1582	2.6852	2.1262	2.7092	2.3056	2.1989	2.6334	2.2109	2.8596	19.7290			
1/2	S	171.512	176.472	160.177	153.643	164.718	173.020	159.749	152.190	164.041	163.130			
172	Т	4.1808	2.6986	2.1290	2.7199	2.3157	2.2839	2.7345	2.2532	2.8878	20.0226			
173	S	170.585	175.596	159.966	153.039	163.999	166.581	153.842	149.333	162.439	160.738			
174	Т	4.1898	2.7033	2.1300	2.6926	2.3090	2.1996	2.7717	2.2670	2.8799	19.9531			
1/4	S	170.219	175.291	159.891	154.590	164.475	172.965	151.778	148.424	162.884	161.298			
175	T	4.2424	2.7180	2.1808	2.6772	2.3058	2.1959	2.7404	2.2707	2.8923	19.9811			
1/5	S	168.108	174.343	156.167	155.480	164.703	173.257	153.511	148.182	162.186	161.072			
176	Т	4.2593	2.7318	2.1795	2.7068	2.3161	2.1949	2.7262	2.2740	2.8969	20.0262			
1/6	S	167.441	173.462	156.260	153.779	163.971	173.336	154.311	147.967	161.929	160.709			
177	Т	4.2333	2.7199	2.1580	2.6596	2.2938	2.2533	2.6850	2.2411	2.9214	19.9321			
177	S	168.469	174.221	157.817	156.508	165.565	168.843	156.679	150.139	160.571	161.468			
170	Т	4.2020	2.7188	2.1216	2.6669	2.2852	2.2587	2.6635	2.2174	2.8491	19.7812			
178	S	169.724	174.291	160.524	156.080	166.188	168.440	157.943	151.744	164.645	162.700			
179	Т	4.1046	2.6594	2.0776	2.6980	2.3158	2.2225	2.7813	2.2926	2.8956	19.9428			
1/9	S	173.752	178.184	163.924	154.281	163.992	171.183	151.254	146.767	162.001	161.382			
100	T	4.1703	2.6784	2.1428	2.6654	2.2926	2.1765	2.6429	2.3243	3.0088	19.9317			
180	S	171.015	176.920	158.936	156.168	165.652	174.801	159.174	144.765	155.906	161.471			
101	Т	4.3603	2.7988	2.2411	2.7520	2.3324	2.2910	2.7073	2.2276	2.8526	20.2028			
181	S	163.563	169.310	151.965	151.254	162.825	166.065	155.388	151.049	164.443	159.305			
182	Т	4.1572	2.6730	2.1380	2.6743	2.2770	2.1571	2.7543	2.3569	2.9554	19.9860			
182	S	171.553	177.278	159.293	155.648	166.786	176.373	152.736	142.763	158.723	161.033			
102	Т	4.1567	2.6992	2.1120	2.7006	2.2991	2.2248	2.6864	2.2345	2.8700	19.8266			
183	S	171.574	175.557	161.254	154.132	165.183	171.006	156.597	150.583	163.446	162.327			
184	Т	4.1662	2.6890	2.1242	2.6753	2.2843	2.3006	2.7145	2.2398	2.8896	19.9173			
184	S	171.183	176.223	160.328	155.590	166.253	165.372	154.976	150.226	162.338	161.588			
185	Т	4.1757	2.6912	2.1432	2.6898	2.3479	2.3028	2.7338	2.2954	4.1270	21.3311			
102	S	170.793	176.079	158.906	154.751	161.750	165.214	153.882	146.588	113.664	150.878			
186	Т	6.5099	4.2254	3.2442	3.9293	3.4028	3.3094				30.8649			
100	S	109.553	112.146	104.978	105.935	111.606	114.962	99.267	92.898	95.852	104.274			
187	Т	7.1521	4.7539	3.3730	3.9656	3.5000	3.3343	3.9208	3.3492	4.2746	30.4714			
10/	S	99.716	99.679	100.969	104.965	108.506	114.103			109.739	105.620			
188	Т	7.3873	4.7833	3.6824	4.3691	3.7317	3.9107	4.7219	4.4812	6.8295	36.5098			
100	S	96.542	99.066	92.485	95.271	101.769	97.286	89.092	75.086	68.686	88.152			
189	Т	10.2706	7.0932	4.4739	5.5600	5.0969	5.0451	6.0608	5.1280	6.5306	44.9885			
103	S	69.439	66.805	76.123	74.865	74.511	75.411	69.410	65.616	71.830	71.538			
100	Т	10.8358	6.9341	5.4333	5.5729	4.1675	4.4763	4.9419	4.3574	5.2420	41.1254			
190	S	65.817	68.338			91.127	84.993	85.126	77.220	89.487	78.258			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	8.7272	5.5352	4.5348	5.7218	4.9223	5.0588	6.6729	4.9573	5.8994	43.3025			
191	S	81.719	85.609	75.101	72.748	77.154	75.206	63.043	67.875	79.515	74.324			
102	Т	9.3615	6.3903	4.3446	5.6685	5.1300	3.9724	4.0292	3.4918	4.0883	37.1151			
192	S	76.182	74.154	78.389	73.432	74.030	95.774	104.408	96.362	114.740	86.714			
193	Т	6.1649	3.9237	3.1904	3.9464	3.3472	3.3040	3.9070	3.3321	4.3138	29.2646			
193	S	115.684	120.770	106.748	105.476	113.460	115.150	107.674	100.981	108.742	109.976			
104	Т	6.2137	4.0838	3.0524	3.7887	3.0808	2.8779	3.5215	3.0435	3.8673	27.3159			
194	S	114.776	116.035	111.574	109.866	123.271	132.199	119.461	110.556	121.297	117.821			
195	Т	8.0072	4.8341	4.5283	5.5175	4.7095	4.7173	5.6863	4.0936	5.1317	39.2183			
195	S	89.068	98.025	75.209	75.442	80.640	80.651	73.982	82.196	91.410	82.064			
196	Т	8.8357	5.8133	4.2875	5.3380	5.0633	4.7831	5.2278			44.6382	31.1837		36.8808
196	S	80.716	81.514	79.433	77.979	75.005	79.541	80.470			72.100	31.933		77.026
197	Т						2.8057	3.4075	2.7650	3.7118	45.4248		21.9985	
197	S						135.601	123.458	121.692	126.378	70.851		117.051	
198	Т	7.2738	4.7581	3.6092	5.0016	5.2820	4.6446	5.3447	4.1786	6.6391	39.4579			
190	S	98.048	99.591	94.361	83.223	71.899	81.913	78.710	80.524	70.656	81.565			
199	Т	8.3486	6.1082	3.2957	4.4719	3.8990	4.0762	4.7660	2.9920	3.2259	32.8349			
199	S	85.425	77.578	103.337	93.081	97.403	93.336	88.267	112.459	145.414	98.018			
200	Т	4.5592	2.8901	2.3941	2.9663	2.4137	2.2576	2.6983	2.2370	2.8335	20.6906			
200	S	156.427	163.961	142.253	140.326	157.340	168.522	155.906	150.415	165.552	155.549			
201	Т	4.1346	2.6586	2.1315	2.7066	2.2584	2.1420	2.5370		2.7777	19.3661			
201	S	172.491	178.238	159.779	153.791		177.617	165.819	156.189	168.877	166.187			
202	I	4.0249	2.6162	2.0404	2.6258		2.1183	2.4806	2.1155		18.9941			
202	S	177.192	181.127	166.912	158.523		179.604	169.589	159.053	169.512	169.442			
203	L	4.0061	2.6192	2.0076	2.5958	2.2301	2.1234	2.5067	2.1419	2.7797	19.0044			
203	S	178.024	180.919	169.639	160.355	-	179.172	167.823	157.093	168.756	169.350			
204	I	4.0397	2.6310	2.0367	2.6270		2.1262	2.4813	2.1372	2.7891	19.0658			
20-7	S	176.543	180.108	167.216	158.451	169.746		169.541	157.438	168.187	168.805			lacksquare
205	I	4.0134	2.6265	2.0066	2.6130			2.4696			18.9627			lacksquare
	S	177.700	180.416	169.724	159.300		179.494	170.344	159.053	169.145	169.723			
206	I	4.0035	2.6120	2.0123	2.6265	-	2.1240	2.4862	2.1044		18.9709			
200	S	178.140	181.418	169.243	158.481		179.122	169.207	159.892	169.622	169.649			
207	I	4.0054	2.6176	2.0173	2.6358			2.4788	2.1311	2.7827	19.0385			lacksquare
207	S	178.055	181.030	168.824	157.922		179.181	169.712	157.889	168.574	169.047			
208	I	3.9986	2.6170	1.9972	2.5875			2.5089	•		18.9820			
200	S	178.358	181.071	170.523	160.870	170.088	178.987	167.676	157.911	168.604	169.550			
209	T	4.0211	2.6261	2.0312	2.7023			2.5228			19.3062			
	S	177.360	180.444	167.668	154.035	165.796	176.989	166.752	155.410	166.433	166.703			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Section Data for Car 15 - Rahal, Graham

Report:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	4.0671	2.6453	2.0587	2.6798	2.2744	2.2055	2.6843	2.2859	2.8644	19.6983			
210	S	175.354	179.134	165.429	155.329	166.977	172.503	156.719	147.197	163.766	163.385			
211	Т	4.1110	2.6596	2.1085	2.7455	2.3278	2.1771	2.5758	2.1976	2.8366	19.6285			
211	S	173.481	178.171	161.522	151.612	163.147	174.753	163.321	153.111	165.371	163.966			
212	Т	4.0543	2.6471	2.0345	2.6466	2.2550	2.1460	2.5872	2.2349	2.8625	19.4138			
212	S	175.908	179.012	167.397	157.277	168.414	177.285	162.601	150.556	163.875	165.779			
213	Т	4.0488	2.6545	2.0196	2.6580	2.2796	2.1526	2.5516	2.1927	2.8335	19.3421			
213	S	176.146	178.513	168.632	156.603	166.596	176.742	164.870	153.453	165.552	166.394			
214	Т	4.0702	2.6490	2.0573	2.6696	2.2604	2.1551	2.6191	2.2624	2.8829	19.5558			
217	S	175.220	178.884	165.541	155.922	168.011	176.537	160.621	148.726	162.715	164.575			
215	Т	4.0728	2.6641	2.0502	2.6856		2.1661	2.6277	2.2522	2.8798	19.5897			
213	S	175.108	177.870	166.115	154.993	167.744	175.640	160.095	149.399	162.890	164.290			
216	T	4.0719	2.6685	2.0422	2.6819	2.2663	2.1906	2.6383	2.1879	2.8279	19.5036			
210	S	175.147	177.577	166.765	155.207		173.676	159.452	153.790	165.880	165.016			
217	T	4.0518	2.6470	2.0348	2.6602	2.2496	2.2032	2.7000	2.2378	2.8699	19.6025			
217	S	176.016	179.019	167.372	156.473	168.818	172.683	155.808	150.361	163.452	164.183			
218	T	4.0602	2.6593	2.0335	2.6836	2.2656	2.2634	2.7084	2.2301	2.8672	19.7111			
210	S	175.652	178.191	167.479	155.109	167.626	168.090	155.325	150.880	163.606	163.279			
219	ഥ	4.0645	2.6610	2.0429	2.6648		2.1720	2.6500	2.2114	2.8435	19.5046			
217	S	175.466	178.077	166.708	156.203		175.163	158.748	152.156	164.970	165.007			
220	I	4.0464	2.6462	2.0446	2.7254		2.1488	2.7662	2.3069	2.9323	19.8450			
	S	176.251	179.073	166.570	152.730		177.054	152.079	145.857	159.974	162.177			
221	LT	4.1246	2.6916	2.0753	2.7038		2.2439	2.7041	2.2587	2.8950	19.8428			
	S	172.909	176.053	164.106	153.950		169.551	155.572	148.969	162.035	162.195			
222	ፗ	4.0996	2.6770	2.0661	2.7007		2.2145	2.6490		2.8828	19.6883			
	S	173.964	177.013	164.836	154.127		171.802	158.808	151.226	162.721	163.468			
223	ፗ	4.1045	2.6755	2.0664	2.6749		2.2065	2.6662	2.2493	2.8875	19.6888			
	S	173.756	177.112	164.812	155.613		172.424	157.783	149.592	162.456	163.463			
224	ㅁ	4.0890	2.6752	2.0516	2.6658	+	2.1560	2.6266		2.8654	19.5604			
	S	174.415	177.132	166.001	156.144		176.463	160.162	148.785	163.709	164.537			
225	፲	4.0712	2.6647	2.0473	2.6900		2.1740	2.6028		2.8733	19.5728			
	S	175.177	177.830	166.350	154.740		175.002	161.627	150.388	163.259	164.432			
226	ᄑ	4.0878	2.6800	2.0480	2.6541	+	2.1616	2.5995	2.2625	2.9040	19.5725			
<u></u>	S	174.466	176.815	166.293	156.833	+	176.006	161.832	148.719	161.533	164.435			
227	ᄑ	4.0929	2.6950	2.0331	2.6808		2.1763	2.6204		2.8953	19.5969			
	S	174.249	175.831	167.512	155.271	167.109		160.541	151.335	162.018	164.230			
228	ᆜ	4.1187	2.6934	2.0677	2.7051		2.1717	2.6058			19.6983			
	S	173.157	175.935	164.709	153.876	165.825	175.187	161.441	148.765	161.611	163.385			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	4.1289	2.6952	2.0771	2.6967	2.2915	2.1745	2.5978	2.2064	2.8594	19.5986			
229	S	172.729	175.818	163.963	154.355	165.731	174.962	161.938	152.501	164.052	164.216			
220	Т	4.0913	2.6756	2.0505	2.6767	2.2687	2.1573	2.5924	2.2454	2.8880	19.5546			
230	S	174.317	177.106	166.090	155.509	167.397	176.357	162.275	149.852	162.428	164.585			
221	Т	4.1140	2.6892	2.0616	2.6952	2.2874	2.1746	2.6244	2.2512	2.8916	19.6752		T T	
231	S	173.355	176.210	165.196	154.441	166.028	174.954	160.296	149.466	162.225	163.576			T
232	T	4.1230	2.6995	2.0668	2.7208	2.2955	2.1767	2.6084	2.2657	2.9309	19.7643			
232	S	172.976	175.538	164.780	152.988	165.442	174.785	161.280	148.509	160.050	162.839			
233	Т	4.1893	2.7207	2.1245	2.7519	2.3176	2.1903	2.6143	2.2821	2.9390	19.9404			
233	S	170.239	174.170	160.305	151.259	163.865	173.700	160.916	147.442	159.609	161.401			
234	Т	4.2048	2.7368	2.1246	2.7401	2.3174	2.1996	2.6162	2.2453	2.8919	19.8719			
234	S	169.611	173.145	160.298	151.911	163.879	172.965	160.799	149.858	162.209	161.957			
225	Т	4.1638	2.7120	2.1003	2.7477	2.3244	2.1933	2.5976	2.2568	2.9043	19.8364			
235	S	171.281	174.728	162.152	151.490	163.385	173.462	161.950	149.095	161.516	162.247			
236	Т	4.1656	2.7115	2.1048	2.7311	2.3166	2.1906	2.6178	2.2777	2.9135	19.8636			
230	S	171.207	174.761	161.805	152.411	163.935	173.676	160.701	147.727	161.006	162.025			
237	T	4.1850	2.7229	2.1174	2.7775	2.3341	2.2048	2.6105	2.2314	2.8915	19.8901			
237	S	170.414	174.029	160.843	149.865	162.706	172.557	161.150	150.792	162.231	161.809			
238	Т	4.2013	2.7198	2.1399	2.7708	2.3279	2.2058	2.6202	2.2789	2.9284	19.9917			
236	S	169.753	174.227	159.151	150.227	163.140	172.479	160.553	147.649	160.187	160.987			
239	T	4.2073	2.7308	2.1393	2.7855	2.3368	2.2062	2.6344	2.2972	2.9829	20.1131			
239	S	169.511	173.526	159.196	149.435	162.518	172.448	159.688	146.473	157.260	160.015			
240	T	4.2210	2.7540	2.1225	2.7821	2.3498	2.2202	2.6569	2.2890	2.9475	20.1220			
240	S	168.960	172.064	160.456	149.617	161.619	171.360	158.336	146.997	159.149	159.944			
241	T	4.2162	2.7445	2.1282	2.7428	2.3208	2.2056	2.6380	2.2536	2.9068	19.9403			
241	S	169.153	172.659	160.026	151.761	163.639	172.495	159.470	149.307	161.377	161.402			
242	T	4.2034	2.7266	2.1307	2.7711	2.3355	2.2100	2.6640	2.3192	2.9870	20.1441			
242	S	169.668	173.793	159.839	150.211	162.609	172.151	157.914	145.083	157.044	159.769			
243	I	4.2405	2.7669	2.1307	2.7792	2.3399	2.2123	2.6600	2.2659	2.9173	20.0722			
243	S	168.183	171.262	159.839	149.773	162.303	171.972	158.151	148.496	160.796	160.341			
244	T	4.2057	2.7320			2.3452	2.2205	2.6740	2.2801	2.9295	20.1040			
277	S	169.575	173.449	159.569	149.279	161.936			147.571	160.127	160.088			
245	T	4.1942	2.7341	2.1148	2.7950	2.3707	2.2255	2.6489	2.2681	2.9328	20.0899			
245	S	170.040				160.194	170.952	158.814	148.352	159.946	160.200			
246	T	4.2099	2.7362	2.1298	2.8154	2.3837	2.2351	2.6547	2.3217	2.9518	20.2284			
240	S	169.406	173.183	159.906	147.848	159.321	170.218	158.467	144.927	158.917	159.103			
247	Т	4.2494	2.7525	2.1666	2.7758	2.3365	2.2151	2.6675	2.3761	3.0958	20.3859			
24/	S	167.831	172.158	157.190	149.957	162.539	171.755	157.706	141.609	151.525	157.874			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 15 - Rahal, Graham

Race

Report:

Session:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
240	Т	4.5843	2.9656	2.3078	2.8487	2.3924	2.2878	2.8473	2.3930	3.0202	21.0628			
248	S	155.570	159.787	147.573	146.119	158.741	166.297	147.748	140.609	155.318	152.800			T
249	Т	4.3520	2.7970	2.2514	2.9289	2.5002					31.1661	31.5658		23.4245
249	S	163.874	169.419	151.270	142.118	151.897					103.266	31.547		121.275
250	Т						2.5352	2.7465	2.3119	2.9475	43.0217		19.1975	
250	S						150.069	153.170	145.541	159.149	74.809		134.129	
251	Т	4.2351	2.7598	2.1203	2.6961	2.2996	2.1789	2.5097	2.1695	2.8206	19.5545			
251	S	168.398	171.702	160.623	154.390	165.147	174.609	167.622	155.094	166.309	164.586			
252	Т	4.1153	2.6860	2.0681	2.6348	2.2654	2.1727	2.5316	2.1658	2.8358	19.3602			
252	S	173.300	176.420	164.677	157.982	167.640	175.107	166.172	155.359	165.417	166.238			
253	T	4.1490	2.6945	2.1011	2.6262	2.2709		2.5386	2.1565	2.8511	19.4098			
255	S	171.892	175.863	162.090	158.499	167.234	175.252	165.714	156.029	164.530	165.813			
254	T	4.1678	2.7016	2.1059	2.6411	2.3054	2.2147	2.7297	2.2701	2.9531	19.9216			
254	S	171.117	175.401	161.721	157.605		171.786	154.113	148.221	158.847	161.553			
255	T	4.2689	2.7549	2.2009	2.8896	2.4574	2.2834	2.5628	2.1883	2.8675	20.2048			
233	S	167.065	172.008	154.740	144.051	154.542	166.618	164.149	153.762	163.589	159.289			
256	T	4.1411	2.7131	2.0629	2.6595	2.2857	2.1778	2.4910	2.1305	2.8155	19.3360			
230	S	172.220	174.658	165.092	156.514		174.697	168.881	157.933	166.610	166.446			
257	T	4.1001	2.6836	2.0437	2.6329	2.2739	2.1721	2.4724	2.1201	2.8227	19.2214			
237	S	173.943	176.578	166.643	158.096		175.155	170.151	158.708	166.185	167.438			
258	T	4.1271	2.7008	2.0560	2.6425		2.1698	2.4859	2.1174	2.8165	19.2611			
230	S	172.805	175.453	165.646	157.521	167.139	175.341	169.227	158.911	166.551	167.093			
259	LT	4.1218	2.6947	2.0532	2.6447	2.2805	2.1709	2.4810	2.1246		19.2761			
233	S	173.027	175.850	165.872	157.390		175.252	169.561	158.372	165.962	166.963		ļ	
260	ഥ	4.1167	2.6964	2.0444	2.6422	2.2828	2.1733	2.4575	2.1248		19.2520			
	S	173.241	175.739	166.586	157.539		175.058	171.183	158.357	165.721	167.172			
261	T	4.1323	2.7020	2.0616	2.6455		2.1744	2.4936	2.1447	2.8381	19.3446			
	S	172.587	175.375	165.196	157.343	166.224	174.970	168.705	156.888	165.283	166.372		ļ	
262	I	4.1359	2.7025	2.0630	2.6462	2.2795		2.5116	2.2102	2.8859	19.4690		ļ	
	S	172.437	175.343	165.084	157.301	166.604	175.317	167.496	152.238	162.546	165.309			
263	T	4.1837	2.7265	2.0946	2.7852	3.1441	3.2452	3.7810	3.2149	4.0941	25.0856			
	S	170.467	173.799	162.593	149.451	120.789	117.236	111.262	104.662	114.577	128.297			
264	T	6.3359	4.0450	3.2610	3.8802	4.3907	3.8934	4.1963	3.4329	4.3969	31.4964			
	S	112.562	117.148	104.437	107.275	86.495	97.718	100.251	98.015	106.687	102.183			
265	T	6.7624	4.3351	3.5596	5.4602	5.6788	4.0777	3.6948	2.9653	3.7632	33.5347			
	S	105.463	109.309	95.676	76.233	66.876	93.301	113.858	113.472	124.652	95.972			
266	Т	6.1005	3.8276	3.3042	5.0417	6.5448	4.5533	4.2088	4.0801	7.1402	38.7007			
	S	116.905	123.802	103.071	82.561	58.027	83.556	99.953	82.468	65.697	83.161			

Iowa Speedway 0.894 mile(s) Track:

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 NDYCAR

Section Data for Car 15 - Rahal, Graham

Lap	T/SS	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	8.9129	6.0351	4.0763	6.9811	7.5197	5.0968	5.4075	4.5979	7.0263	46.7407	7		
267	S	80.017	78.518	83.548	59.625	50.504	74.646	77.796	73.181	66.762	68.856	5		
260	Т	10.0903	7.0783	4.2646	6.8773	7.6982	6.6395	5.8631	4.2470	6.7195	49.3875	5		
268	S	70.680	66.946	79.859	60.525	49.333	57.302	71.751	79.227	69.810	65.166	5		
260	Т	10.8268	7.3396	4.8496	5.3843	6.8028	5.4422	5.1409	3.7656	5.5981	44.3231		1	
269	S	65.872	64.563	70.226	77.308	55.826	69.908	81.830	89.356	83.795	72.612)		
270	Т	10.3564	7.0951	4.5949	5.8555	7.7214	5.9138	5.4875	4.8265	7.3066	48.8013	3		
270	S	68.864	66.787	74.119	71.087	49.184	64.333	76.662	69.715	64.201	65.949)		
271	Т	11.1148	7.8600	4.6850	5.9653	6.1136	5.4211	5.4704	5.1836	7.1599	47.8589)		
271	S	64.165	60.288	72.693	69.779	62.119	70.180	76.901	64.912	65.516	67.248	3	1	
272	Т	10.0407	6.7034	4.7070	5.9357	5.5265	5.8244	5.5838	4.8440	7.1065	46.2313	3	1	
272	S	71.029	70.690	72.354	70.127	68.718	65.321	75.340	69.463	66.009	69.615	5		
272	Т	10.4284	7.4158	4.1377	4.9165	5.7160	5.7358	4.4729	3.9374	6.8065	43.1386	5		
273	S	68.388	63.899	82.309	84.664	66.440	66.330	94.051	85.457	68.918	74.606	5		
274	Т	8.0031	5.6936	3.4575	5.4375	5.1879	4.5404	5.0860	3.4847	3.4225	36.3101			
2/4	S	89.113	83.227	98.501	76.552	73.204	83.793	82.714	96.558	137.061	88.636			
275	Т	4.7176	3.0024	2.4568	3.0244	2.4466	2.3347	2.9234	2.4629	3.0797	21.7309			
2/5	S	151.175	157.828	138.623	137.631	155.225	162.957	143.902	136.618	152.317	148.102	2		
276	Т	4.4655	2.8520	2.3313	2.9124	2.4072	2.3382	2.8582	2.3194	2.9860	21.0047	7		
2/0	S	159.709	166.151	146.085	142.923	157.765	162.713	147.184	145.071	157.097	153.223	3		
277	Т	4.6242	2.9534	2.3739	2.8454	2.3999	2.2611	2.7751	2.3347	2.9690	20.9125	5		
2//	S	154.228	160.447	143.464	146.289	158.245	168.261	151.592	144.120	157.996	153.898	3		
278	T	4.3101	2.7886	2.1900	2.7964	2.3465	2.2338	2.6626	2.2441	2.9042	20.1662	2		
2/6	S	165.468	169.929	155.511	148.852	161.846	170.317	157.997	149.939	161.522	159.594	ļ.		
279	Т	4.3004	2.7340	2.2918	2.8696	2.3708	2.2167	2.6056	2.2464	2.8882	20.2231			
2/3	S	165.841	173.322	148.603	145.055	160.188	171.631	161.453	149.785	162.416	159.145	5		
280	Т	4.1929	2.7171	2.1302	2.7461	2.3342	2.2170	2.6483	2.2214	2.8822	19.8965			
200	S	170.093				162.699	171.608			162.754	161.757			
281	T	4.1954	2.7203	2.1312	2.7173	2.3078	2.1872	2.5731	2.2021	2.8887	19.7277	7		
	S	169.991	174.195	159.801	153.185	164.561	173.946	163.492	152.798	162.388	163.141			
282	Т	4.1870				2.2943	2.1758	2.5409	2.1759	2.8501	19.5576	5		
202	S	170.332	173.869		-	165.529	174.857	165.564	154.638	164.588	164.560)		
283	Т	4.1533	2.7062	2.0859	2.6825	2.2944	2.1738	2.5290	2.1837	2.8609	19.5164	1		
203	S	171.714	175.103	163.272	155.172	165.522	175.018			163.966	164.907	7		
284	Т	4.1782	2.7144	2.1145	2.7003	2.2976	2.1764	2.5406	2.1891	2.8648	19.5977	7		
204	S	170.691	174.574	161.063	154.150	165.291	174.809	165.584	153.706	163.743	164.223	3		
20E	Т	4.1692	2.7135	2.1062	2.6897	2.2953	2.1801	2.5556	2.1978	2.8846	19.6228	3		
285	S	171.060	174.632	161.698	154.757	165.457	174.512	164.612	153.097	162.619	164.013	3		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 15 - Rahal, Graham

Report:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	4.1823	2.7239	2.1142	2.7070	2.3068	2.1830	2.5570	2.2164	2.8780	19.6863	3		
200	S	170.524	173.965	161.086	153.768	164.632	174.281	164.522	151.813	162.992	163.484	ł –		
287	T	4.1875	2.7236	2.1209	2.7246	2.3087	2.1893	2.5555	2.2225	2.8958	19.7409)		
207	S	170.312	173.984	160.577	152.775	164.496	173.779	164.618	151.396	161.990	163.032	2		
288	T	4.1774	2.7274	2.0914	2.6840	2.2936	2.1806	2.5693	2.2069	2.8822	19.6354	H		
200	S	170.724	173.742	162.842	155.086	165.579	174.472	163.734	152.466	162.754	163.908	3		
289	Т	4.3655	2.8396	2.1883	2.7500	2.3399	2.2240	2.6515	2.2670	2.9322	20.1925	5		
209	S	163.368	166.877	155.631	151.364	162.303	171.068	158.658	148.424	159.979	159.386	5		
290	T	4.1948	2.7349	2.1072	2.6960	2.3029	2.1800	2.5404	2.2046	2.8845	19.6505	5		
290	S	170.016	173.265	161.621	154.395	164.911	174.520	165.597	152.625	162.625	163.782	2		
291	Т	4.1656	2.7226	2.0826	2.6905	2.3003	2.1806	2.5530	2.1926	2.8572	19.5794	ł		
291	S	171.207	174.048	163.530	154.711	165.097	174.472	164.779	153.460	164.179	164.377	7		
292	I	4.1443	2.7080	2.0753	2.6753	2.2917	2.1774	2.5568	2.1700	2.8519	19.5064	1		
232	S	172.087	174.987	164.106	155.590	165.717	174.729	164.535	155.059	164.484	164.992	2		
293	I	4.1255	2.7057	2.0611	2.6671	2.2834	2.1700	2.5365	2.2061	2.8718	19.5017	7		
233	S	172.872	175.135	165.236	156.068	166.319	175.325	165.851	152.521	163.344	165.032	2		
294	T	4.1235	2.7168	2.0424	2.6678	2.2947	2.1791			2.8708	19.4810)		
	S	172.955	174.420	166.749	156.027	165.500	174.593			163.401	165.207	7		
295	T	4.1442	2.7185	2.0637	2.6613		2.1768		+	2.8484	19.4548	3		
	S	172.092	174.311	165.028		165.623	174.777	166.818		164.686	165.430			
296	I	4.1443	2.7072			2.2983		2.5224	2.1811	2.8534	19.4887			
	S	172.087	175.038	164.534		165.241	174.585	166.778		164.397	165.142			
297	工	4.1260	2.7055					2.5067		2.8434	19.3872			
	S	172.851	175.148		+	165.840		167.823		164.975	166.006			
298	I	4.1142	2.7032	2.0438			2.1739	-		2.8383	19.3953			
	S	173.346	175.297	166.635			175.010		155.885	165.272	165.937			
299	T	4.1312	2.6973	2.0722						2.8820	19.5992			
	S	172.633	175.681	164.351		164.247	173.763			162.766	164.211			
300	I	5.1052	3.1611	2.8308	+					<u> </u>		-		29.3149
	S	139.697	149.905	120.308	105.100	104.454	100.228	82.998						96.906

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session: Race**

Section Data for Car 18 - Bourdais, Sebastien

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap F	PI to PO	PO to SF	SF to PI
	Т	7.1299	10.6365	4.6496	5.2129	5.3218	5.2053	4.2769	3.5109	4.2460	39.5533		32.8060	
1	S	66.461	67.050	73.247	79.850	71.362	73.090	98.361	95.838	110.478	81.369		78.490	
	Т	3.6148	5.7116	3.0367	3.7809	2.7169	2.6279	3.1159	2.4323	2.9326	24.2580			
2	S	131.090	124.866	112.151	110.093	139.782	144.775	135.011	138.337	159.957	132.674			
3	T	2.7863	4.4232	2.3638	2.8975	2.3076	2.3262	2.8942	2.2903	2.8336	20.6995			
	S	170.069	161.237	144.077	143.658	164.575	163.552	145.353	146.914	165.546	155.482			
4	Т	2.7922	4.5035	2.4891	3.0739	2.4449	2.2582	2.7419	2.2295	2.8109	20.8406			
	S	169.710	158.362	136.824	135.414	155.333	168.477	153.427	150.921	166.883	154.429			
5	Т	2.7183	4.2940	2.2682	2.7738	2.2963	2.2225	2.7100	2.1861	2.7798	19.9550			
	S	174.324	166.088	150.149	150.065	165.385	171.183	155.233	153.917	168.750	161.283			
6	Т	2.7797	4.3637	2.2812	2.8173		2.1820	2.6538	2.1470	2.7582	19.9458			
	S	170.473	163.435	149.293	147.748	163.231	174.360	158.521	156.720	170.071	161.357			
7	Т	2.7201	4.2818	2.2462	2.6974		2.1662	2.6494	2.1926	2.7615	19.6549			
	S	174.208	166.561	151.620	154.315		175.632	158.784	153.460	169.868	163.745			
8	Т	2.6865	4.2426	2.2279	2.6900	2.2345	2.1523	2.6557	2.1759	2.7879	19.6107			
	S	176.387	168.100	152.865	154.740	169.959	176.767	158.407	154.638	168.260	164.114			
9	T	2.7124	4.2565	2.2303	2.7473		2.2067	2.6558	2.1389	2.7518	19.7174			
	S	174.703	167.551	152.701	151.512	166.992	172.409	158.401	157.313	170.467	163.226			
10	口	2.6943	4.2433	2.2321	2.7838	•	2.1843	2.6536	2.1155	2.7313	19.6829			
	S	175.876	168.072	152.577	149.526		174.177	158.532	159.053	171.746	163.512			<u> </u>
11	I	2.7296	4.2733	2.2284	2.7596			-	2.1786	2.7855	19.7593			
	S	173.602	166.893	152.831	150.837	167.774	174.081	160.046	154.447	168.405	162.880			<u> </u>
12	LT	2.6994	4.2575		2.7064		2.2106		2.1601	2.8469	19.7693			
	S	175.544	167.512	151.775	153.802	166.999	172.105	160.083	155.769	164.773	162.798			└
13	I	2.6774	4.1588		2.7271	2.2882	2.1706		2.1510	2.7555	19.5549			└
	S	176.986	171.487	158.625	152.635			159.464	156.428	170.238	164.583			
14	LT	2.5856	4.0373	2.1126	2.7254		2.1682	2.6093	2.1817	2.7966	19.4647			
<u> </u>	S	183.270	176.648		152.730		175.470	161.224	154.227	167.736	165.345			↓
15	L	2.6598	4.1627	2.1777	2.7640		2.1799		2.3009	3.5652	20.5432			↓
	S	178.158	171.327	156.389	150.597	165.680	174.528	161.583	146.237	131.575	156.665			↓
16	I	3.5676	5.5722	2.8754	3.6185	3.0057	2.8425	3.5652	3.0674	3.9429	26.4852			
<u> </u>	S	132.824	127.989	118.442	115.034	126.351	133.845	117.997	109.695	118.971	121.517			
17	T	3.9475	6.1431	3.1852	3.9723	2.9670	3.2354	3.9705	3.3010	3.4946	28.0735			↓
<u> </u>	S	120.041	116.095	106.922	104.788	127.999	117.591	105.952	101.932	134.233	114.642			↓
18	I	3.2743	5.1068	2.6537	3.7726	4.3946	5.2599	5.5661	4.5653	6.8598	36.3463			
	S	144.722	139.653	128.337	110.335	86.418	72.331	75.579	73.703	68.383	88.548			
19	T	6.6982	9.5632	3.9796	4.7913		4.3770	4.4131			42.8519	33.4942		35.1306
	S	70.745	74.576	85.578	86.876	78.098	86.921	95.326			75.105	29.730		80.864

Iowa Speedway 0.894 mile(s) Track:

NTT IndyCar Series Section Data Report

Report: July 20, 2019 NDYCAR **Session:** Race

Section Data for Car 18 - Bourdais, Sebastien

Lap			SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Τ		Ī			Ī	2.8042	3.4082	2.9177	3.3790	47.8335	5	22.0606	
20	S			1	1		135.673		115.323		67.283	3	116.721	
	Т	3.3569	5.1428	2.5689	3.2420	2.7118	3.6767	5.5063	4.1176	5.6852	30.8654			
21	S	141.161	138.676	132.574	128.393	140.045	103.477	76.400	81.717	82.511	104.272	2		
	Т	5.0465	7.7831	3.9897	5.7106	4.8805	5.6207	4.1182	3.5759	6.4689	39.4110)	1	
22	S	93.899	91.632	85.362	72.891	77.814	67.688	102.152	94.096	72.515	81.662	2		
22	Т	7.6332	10.5503	3.9849	4.2734	4.3844	5.3872	4.1483	3.5985	6.1128	39.5227	7		
23	S	62.079	67.598	85.465	97.405	86.619	70.622	101.411	93.505	76.739	81.432			
24	Т	4.5058	6.4796	2.8343	3.7316	3.3599	2.6822	2.7542	2.2115	2.7960	24.8755	5		
24	S	105.167	110.066	120.160	111.547	113.031	141.844	152.742	152.149	167.772	129.380)		
25	Т	2.6263	4.0680	2.0862	2.6916	2.2767	2.1186	2.5042	2.1383	2.7456	19.1875			
25	S	180.430	175.315	163.248	154.648	166.808	179.578	167.991	157.357	170.852	167.734	-		
26	Т	2.6543			2.6717	2.2705	2.1506	2.5609	2.1040	2.7276	19.2563	3		
20	S	178.527	172.859	160.896	155.800	167.264	176.906	164.27	159.923	171.979	167.135			
27	Т	2.5765	4.0186	2.0892	2.6595	2.2444	2.1250	2.5439	2.2252	2.8438	19.3075	5		
2/	S	183.918	177.470	163.014	156.514	169.209	179.037	165.369	151.212	164.952	166.692	2		
28	Т	2.6965	4.1988	2.1561	2.6951	2.2641	2.1655	2.6972	2.1883	2.7954	19.6582	2		
20	S	175.733	169.854	157.956	154.447	167.737	175.689	155.970	153.762	167.808	163.718	3		
29	Т	2.6423	4.1519	2.1833	2.7200	2.2850	2.1806	2.6501	2.3639	2.9087	19.9339			
29	S	179.338	171.772	155.988	153.033	166.203	174.472	158.742	142.340	161.272	161.454	1		
30	Т	2.6943	4.1749	2.1541	2.7952	2.3263	2.1838	2.6500	2.2774	2.8521	19.9332	2		
30	S	175.876	170.826	158.102	148.916	163.252	174.217	158.748			161.459			
31	Т	2.7114			2.7306	2.2982	2.1647	2.6256	2.2329	2.8443	19.7902	2		
31	S	174.767	168.665	156.045	152.439	165.248	175.754	160.223	150.691	164.923	162.626	5		
32	Т	2.6583			2.7852	2.2949	2.1739	2.7196	2.2332	2.7894	19.7930			
32	S	178.258			149.451			154.685	150.670	168.169	162.603	3		
33	T	2.6505	4.1508	2.1617	2.6723	2.2682	2.1608	2.6825	2.2403	2.7974	19.6337	1		
	S	178.783	171.818		155.765									
34	I	2.6617	4.1831		2.7519	•	·							
	S	178.030								1	-			
35	T	2.6641	4.1916		2.8669		-							
	S	177.870												
36	I	2.7217												
	S	174.106		·		166.699	·	+			161.795			
37	T	2.7325	4.2853	2.2340	2.7416	2.2630	2.2018	2.7310	2.2359	2.8054	19.9452	2		
<i>J,</i>	S	173.418			-	167.818	-							
38	Т	2.6787	4.2019	2.2083		2.2643	2.2034			2.8317	19.9782	2		
30	S	176.901	169.728	154.222	151.523	167.722	172.667	152.476	147.210	165.657	161.096	5		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 18 - Bourdais, Sebastien

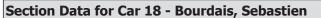
Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	2.7009	4.2383	2.2394	2.8218	2.3185	2.2084	2.7662	2.3208	2.8741	20.2501			
39	S	175.447	168.271	152.080	147.512	163.801	172.276	152.079	144.983	163.213	158.933			
40	Т	2.7087	4.2369	2.1985	2.6896	2.2818	2.1891	2.6909	2.3048	2.8818	19.9452			
40	S	174.941	168.326	154.909	154.763	166.436	173.795	156.335	145.990	162.777	161.362			
41	Т	2.6949	4.1948	2.1547	2.6854	2.2765	2.1656	2.6545	2.2605	2.8441	19.7362			
71	S	175.837	170.016	158.058	155.005	166.823		158.479	148.851	164.935	163.071			
42	Т	2.7009	4.1980	2.1670	2.8249	2.3477	2.2076	2.6900	2.2324	2.8406	20.0111			
72	S	175.447		157.161	147.350					165.138	160.831			
43	Т	2.7466	4.2972	2.2335	2.7884	2.3301	2.2362	2.7706	2.2941	2.8729	20.2724			
_ +3	S	172.527	165.964	152.482	149.279	162.986	170.134	151.838	146.671	163.281	158.758			
44	Т	2.7313	4.2920	2.2565	2.7862	2.2853				2.8362	20.0792			
	S	173.494	166.165	150.928	149.397	166.181	175.147	155.595	145.800	165.394	160.285			
45	T	2.6861	4.2135	2.2115	2.7606	2.2757	2.1850	2.6987	2.2491	2.8508	19.9175			
45	S	176.413	169.261	153.999	150.782	166.882	174.121	155.883	149.605	164.547	161.587			
46	Т	2.7296	4.2721	2.2337	2.7883	2.2942	2.1962	2.6754	2.2962	2.8944	20.1080			
40	S	173.602	166.939	152.468	149.285	165.536	173.233	157.241	146.537	162.068	160.056			
47	Т	2.7247	4.2322	2.1731	2.7156	2.2910	2.1859	2.6646	2.2815	2.8524	19.8888			
4/	S	173.914	168.513	156.720	153.281	165.767	174.049	157.878	147.481	164.455	161.820			
48	Т	2.7069	4.2158	2.1736	2.7414	2.3022	2.1741	2.6861	2.2848	2.8369	19.9060			
40	S	175.058			151.838		174.994			165.353	161.680			
49	Т	2.6761	4.1775	2.1760	2.7745	2.2849	2.1799	2.7218	2.3508	2.9057	20.0697			
49	S	177.072	170.720		150.027	166.210		154.560	143.133	161.438	160.361			
50	T	2.7111		2.2132	2.7763	2.2860	2.2066			3.2394	20.5136			
30	S	174.786		153.880	149.930				145.699	144.808	156.891			
51	T	3.7567	5.8837	3.0533	4.0224	3.6347	3.2158	3.8981	3.2783	4.1374	28.9967			
J.	S	126.138	121.213	111.541	103.483	104.485	118.308	107.920	102.638	113.378	110.992			
52	T	4.4088	6.5974	3.1161	3.7409	3.0823	3.2297	3.9355		4.1930	29.2018			
32	S	107.481	108.100	109.293	111.270	123.211	117.799			111.875	110.212			
53	I	4.7018		3.8085	5.3532	4.8653	6.1639			6.7222	42.6050			
	S	100.783	97.320	89.423	77.757	78.057	61.723	67.727	70.412	69.782	75.540			
54	Т	6.0899		4.9780	5.8528	4.6327	5.3849		4.1916		43.3254			
	S	77.811	75.140	68.415	71.120	81.977	70.652	70.571		75.242	74.284			
55	Т	6.6693	10.0858	5.0063	6.1730	6.2655	6.1113	8.1680			74.0832			52.8889
	S	71.051	70.711	68.028	67.431	60.613	62.254	51.504			43.443	0.605		53.713
56	I						3.4025			4.3226	1651.0233		25.7208	
	S						111.816			108.521	1.949		100.111	
57	Т	5.3885	8.1347	3.9582	4.6636	4.1942	4.3759			5.5762	37.5983			
	S	87.940	87.672	86.041	89.255	90.547	86.943	85.291	74.617	84.124	85.600			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR



Race

Report:

Session:

Section Data Report

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	4.6032	6.7559	3.0566	3.5740	3.7280	3.8877	4.3597			37.5634	32.8641		29.6895
36	S	102.942	105.564	111.421	116.466	101.870	97.861	96.493			85.679	30.300		95.684
F0	Т						3.5718	4.1404	3.2757	4.3314	51.5757		26.5855	
59	S						106.516	101.604	102.719	108.300	62.401		96.855	
60	Т	4.4224	6.7295	3.2635	3.7914	2.8654	3.1238	3.7354	3.1402	6.3768	30.7189			
00	S	107.151	105.978	104.357	109.788	132.537	121.792	112.620	107.152	73.562	104.769			
61	Т	7.9064	10.9212	4.3538	4.5907	5.0022	6.4804	5.0385	4.2086	5.8266	43.4072			
61	S	59.934	65.303	78.223	90.672	75.921	58.708	83.493	79.950	80.509	74.144			
62	Т	4.5428	7.1837	3.7446	4.3713	3.8795	4.3791	4.4111	3.6892	5.3235	34.3411			
02	S	104.311	99.278	90.949	95.223	97.892	86.880	95.369	91.206	88.117	93.719			
63	Т	6.9069	9.4370	3.5891	4.3481	5.3324	6.9381	4.7892	4.3017	6.8577	43.0632			
	S	68.607	75.573	94.890	95.731	71.220	54.836	87.840		68.404	74.737			
64	Т	6.6366	9.1336	3.6402	4.4217	4.8020	4.6686	5.2820	3.7153	5.3166	38.4830			
04	S	71.402	78.083	93.558	94.138	79.086	81.492	79.644	90.565	88.231	83.632			
65	T	5.0551	7.0038	2.7968	3.6108	3.2988	3.7064	4.0209	2.5414	2.9380	27.9682			
05	S	93.740	101.828	121.771	115.279	115.125	102.648			159.663	115.074			
66	T	2.7402	4.3594	2.3530	2.8513	2.3284	2.3342	3.0756	2.3088	2.8665	20.8580			
	S	172.930	163.596			163.105	162.991	136.780		163.646	154.301			
67	L	2.7134	4.2446		2.9986	2.4494				2.8061	20.3605		ļ	
	S	174.638	168.021	153.853	138.815	155.047	169.347	154.913		167.168	158.071		ļ	
68	T	2.7552	4.3364	2.2812	2.7668			2.5995	2.1348	2.7703	19.7347			
00	S	171.989	164.464	149.293	150.445	168.429				169.329	163.083			
69	T	2.6320	4.1017	2.1306			2.1326	2.5540	2.1652	2.7856	19.3718			
	S	180.039	173.875	159.846	153.377	168.197	178.399	164.715		168.399	166.138	•		
70	工	2.6306	-	2.1097	2.7019					-	19.4841		ļ	
/*	S	180.135		161.430	154.058	168.026				165.342	165.181			
71	Т	2.6667	4.1387	2.1252	2.7074	2.2557	2.1476			2.7706	19.3771			
ļ	S	177.697	172.320		153.745	168.361	177.153			169.310	166.093			
72	Т	2.6386	4.0872	2.0866		2.2734		•		2.7820	19.2796			
<u> </u>	S	179.589	174.492	163.217	155.782	167.051	177.824		+	168.616	166.933			
73	T	2.6324		2.0688	2.6069	2.2305				2.8491	19.2146		<u> </u>	
<u> </u>	S	180.012	175.384	164.621	159.672	170.263				164.645	167.498			
74	ᄑ	2.6668	4.1754	2.1723	2.7031	2.2750				2.7896	19.4991			
ļ.,	S	177.690	170.806	156.778	153.990	166.933	176.430		+	168.157	165.054			
75	工	2.6415	4.0700			2.3000				2.8287	19.5513			
<u> </u>	S	179.392	175.229		152.915	165.119	-			165.833	164.613			
76	Т	2.6583	4.1026			2.3075					19.5549			
	S	178.258	173.837	162.905	152.433	164.582	175.099	162.929	153.601	166.203	164.583			

TAG

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.6857	4.1652	2.1375	2.7202	2.2587	2.1638	2.6042	2.1610	2.7730	19.5041		1	Ĭ
77	S	176.440	171.224	159.330	153.022	168.138	175.827	161.540	155.704	169.164	165.011			
70	Т	2.6945	4.1752	2.1340	2.7169	2.2488	2.1738	2.6526	2.2072	2.8138	19.6416			
78	S	175.863	170.814	159.591	153.208	168.878	175.018	158.592	152.445	166.711	163.856			
79	Т	2.6306	4.1412	2.2101	2.9501	2.4025	2.2219	2.6423	2.2132	2.8266	20.0973		1	
/9	S	180.135	172.216	154.096	141.097	158.074	171.229	159.210	152.032	165.956	160.141			
80	Т	2.6800	4.1528	2.1345	2.7445	2.2721	2.1601	2.5947	2.2149	2.8249	19.6257	1		
80	S	176.815	171.735	159.554	151.667	167.146	176.128	162.131	151.915	166.056	163.989			
81	Т	2.6724	4.1384	2.1173	2.7059	2.2522	2.1534	2.5692	2.2108	2.8144	19.4956			
01	S	177.318	172.333	160.850	153.831	168.623	176.676	163.740	152.197	166.675	165.083			
02	Т	2.6701	4.1356	2.1147	2.7045	2.2540	2.1534	2.6297	2.2889	2.9019	19.7172			
82	S	177.470	172.449	161.048	153.910	168.488	176.676	159.973	147.004	161.650	163.228			
83	Т	2.6895	4.1500	2.1120	2.7493	2.2746	2.1513	2.5646	2.2059	2.8199	19.5671			
83	S	176.190	171.851	161.254	151.402	166.962	176.849	164.034	152.535	166.350	164.480			
84	Т	2.6560	4.1005	2.0941	2.6993	2.2581	2.1348	2.5466	2.2411	2.8381	19.4681			
04	S	178.413	173.926	162.632	154.207	168.182	178.216	165.194	150.139	165.283	165.317	1		
85	Т	2.6409	4.0760	2.0773	2.6799	2.2468	2.1250	2.5450	2.3508	2.9468	19.6125			
85	S	179.433	174.971	163.948	155.323	169.028	179.037	165.297	143.133	159.187	164.099			
86	Т	2.6985	4.1552	2.1127	2.7870	2.2986	2.1711	2.6209	2.2519	2.8632	19.8039			
00	S	175.603	171.636	161.200	149.354	165.219	175.236	160.510	149.419	163.834	162.513			
87	Т	2.6898	4.1503	2.1084	2.7221	2.2917	2.1812	2.6189	2.1986	2.8072	19.6179			
67	S	176.171	171.839	161.529	152.915	165.717	174.424	160.633	153.042	167.103	164.054			
88	Т	2.6122	4.0699	2.1297	2.7245	2.2921	2.1371	2.5479	2.2219	2.8294	19.4948			
00	S	181.404	175.233	159.914	152.780	165.688	178.024	165.109	151.437	165.792	165.090			
89	Т	2.6654	4.1256	2.1154	2.7112	2.2525	2.1420	2.5851	2.2741	2.9146	19.6603			
09	S	177.783	172.867	160.995	153.530	168.601	177.617	162.733	147.961	160.945	163.700			
90	Т	2.7017	4.1673	2.1180	2.7783	2.3022	2.1766	2.6043	2.2286	2.8543	19.7640			
90	S	175.395	171.138	160.797	149.822	164.961	174.793	161.534	150.981	164.345	162.842			
91	Т	2.6666	4.1099	2.0974	2.8147	2.3210	2.1760	2.6185	2.3176	2.8832	19.8950			
91	S	177.703	173.528	162.376	147.884	163.625	174.841	160.658	145.183	162.698	161.769			
92	Т	2.6786	4.1418	2.1282	2.8366	2.3206	2.1962	2.6508	2.3042	2.8834	19.9986			
92	S	176.907	172.191	160.026	146.743	163.653	173.233	158.700	146.028	162.687	160.931			
93	Т	2.7133	4.2063			2.3145	2.2575	2.8028	2.3319	2.8932	20.2484			
93	S	174.645	169.551	157.248	150.303	164.084	168.529	150.093	144.293	162.136	158.946			
94	Т	2.7931	4.3009	2.1704	2.7230	2.3070			2.3630	2.8902	20.3028	3		
34	S	169.655	165.822	156.915	152.864	164.618	166.545	151.778	142.394	162.304	158.520			
95	Т	2.7597	4.3071	2.2368	2.7911	2.2927	2.2134			2.9033	20.3206			
33	S	171.708	165.583	152.257	149.135	165.644	171.887	151.794	143.048	161.572	158.381			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



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Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

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Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.7322	4.2503	2.1880	2.7792	2.3008	2.2069	2.7472	2.2500	2.8490	20.0533		1	
96	S	173.437	167.796	155.653	149.773	165.061	172.393	153.131	149.545	164.651	160.492			
97	Т	2.7275	4.2645	2.2074	2.7593	2.3163	2.2420	2.7440	2.2664	2.8749	20.1378			
97	S	173.736	167.237	154.285	150.853	163.957	169.694	153.310	148.463	163.168	159.819			
98	Т	2.7209	4.2135	2.1578	2.7514	2.3113	2.1832	2.6214	2.3106	2.9017	19.9583			
96	S	174.157	169.261	157.831	151.287	164.311	174.265	160.480	145.623	161.661	161.256			
99	Т	2.6867	4.1429	2.1124	2.7954	2.3108	2.1784	2.6429	2.2729	2.8717	19.8712			
99	S	176.374	172.146	161.223	148.905	164.347	174.649	159.174	148.039	163.350	161.963			
100	Т	2.6838	4.1373	2.0967	2.6915	2.2860	2.1563	2.5983	2.2584	2.8570	19.6280			
100	S	176.564	172.379	162.431	154.654	166.130	176.439	161.907	148.989	164.190	163.970			
101	Т	2.6538	4.0930		2.7370	2.2819	2.1635	2.6092	2.2541	2.8706	19.6578			
101	S	178.560	174.244	163.131	152.083			161.230	149.273	163.412	163.721			
102	T	2.6750	4.1336	2.1090	2.7588	2.2919	2.1733	2.6419	2.2521	2.8718	19.7738			
102	S	177.145	172.533	161.483	150.881	165.702	175.058		149.406	163.344	162.761			
103	I	2.6746	4.1301	2.1140	2.7975	2.3171	2.1734	2.5998	2.3038	2.9084	19.8886			
103	S	177.172	172.679	-	148.794		175.050			161.288	161.821			
104	I	2.6690									19.8170			
104	S	177.544	173.718							160.978	162.406			
105	I	2.6895	4.1570					+		2.8396	19.8101			
100	S	176.190	171.562			164.333			150.394	165.196	162.463			
106	ፗ	2.6709	4.1449		2.8048					2.8779	19.8691			
100	S	177.417	172.062	158.869		163.273			147.584	162.998	161.980			
107	디	2.6695	4.1200						2.3418	2.9217	20.0141		ļ	
107	S	177.510	173.102			163.723		+		160.554	160.807		ļ	
108	I	2.6827	4.1456		2.8228					3.0814	20.5781		ļ	
	S	176.637	172.033						135.901	152.233	156.399		ļ	
109	ᄑ	2.8380	4.4277	2.3014							21.0287		-	
	S	166.971	161.073	147.983		154.750			141.318	157.986	153.048			
110	I	2.7077	4.1884			+	2.2040		2.3012	2.8979	20.2109			
	S	175.006	170.275	158.088		160.506	172.620		146.218	161.873	159.241			
111	I	2.7093	4.2239				2.2055			2.9341	20.2915			
	S	174.903	168.844		i		172.503			159.876	158.608			
112	I	2.7699	4.3236							2.8906	20.5754			
<u> </u>	S	171.076	164.951	151.135			169.611	+		162.282	156.420			
113	I	2.7021	4.2156			2.3690			2.3442	2.9623	20.5030			
	S	175.369	169.177	154.131	-					158.354	156.972		-	
114	I	2.7497	4.2896			2.3739				2.8876	20.4820			
	S	172.333	166.258	152.046	141.644	159.978	170.340	152.975	145.743	162.450	157.133			

Track: Iowa Speedway 0.894 mile(s)

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Race

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115	Т	2.6897	4.1991	2.2003	2.9059	2.3411	2.2183	2.7305	2.3196	2.9036	20.3090			
115	S	176.177	169.842	154.783	143.243	162.220	171.507	154.068	145.058	161.555	158.472			
116	Т	2.7417	4.2929	2.2545	2.8101	2.3209	2.2601	2.8139	2.2968	2.9056	20.4036			
116	S	172.836	166.131	151.062	148.126	163.632	168.335	149.501	146.498	161.444	157.737			
117	Т	2.7524	4.3027	2.2445	2.8663	2.3729	2.2820	2.8345	2.3873	2.9388	20.6787			
	S	172.164	165.752	151.735	145.222	160.046	166.720	148.415	140.945	159.620	155.638			
118	Т	2.7826	4.3382	2.2699	2.9130	2.3796	2.3433	2.9137	2.4160	2.9691	20.9872			
110	S	170.295	164.396	150.037	142.894	159.595	162.358	144.381	139.270	157.991	153.351			
119	Т	2.7591	4.3014	2.2505	2.9647	2.4081	2.2590	2.8419	2.5325	3.0004	21.0162			
119	S	171.746	165.802	151.330	140.402	157.706	168.417	148.028	132.864	156.343	153.139			
120	Т	2.7880	4.3485	2.2623	2.9183	2.3812	2.2631	2.8365	2.4377	2.9733	20.8604			
120	S	169.965	164.006	150.541	142.634	159.488	168.112	148.310	138.031	157.768	154.283			
121	Т	2.7757	4.3160	2.2171	2.8446	2.3472	2.2444	2.8220	2.4461	2.9916	20.6887			
121	S	170.719	165.241	153.610	146.330	161.798	169.513	149.072	137.557	156.803	155.563			
122	Т	2.7678	4.2936	2.2047	2.8435	2.3357	2.2893	2.8754	2.4081	2.8919	20.6164			
122	S	171.206	166.103	154.474	146.386	162.595	166.188	146.304	139.727	162.209	156.109			
123	Т	2.6853	4.1677	2.1667	2.8963	2.3451	2.2481	2.8135	2.3533	2.9476	20.4559			
123	S	176.466	171.121	157.183	143.718	161.943	169.234	149.523	142.981	159.143	157.334			
124	Т	2.7815	4.3293	2.2367	2.9493	2.3839	2.2516	2.7956	2.2989	2.8770	20.5745			
124	S	170.363	164.734	152.264	141.135	159.307	168.971	150.480	146.364	163.049	156.427			
125	Т	2.7517	4.2940	2.2345	2.8856	2.3535	2.2545	2.8119	2.4177	2.9629	20.6723			
125	S	172.208	166.088	152.414	144.251	161.365	168.753	149.608	139.172	158.322	155.687			
126	T	2.7452	4.2820	2.2305	2.9497		2.2418	2.8499	2.6641	3.1465	21.2120			
120	S	172.615	166.553	152.687	141.116	159.281	169.709	147.613	126.301	149.083	151.725			
127	T	2.8561	4.4512	2.3130	3.0090	2.4005	2.2656	2.8223	2.3504	2.9147	20.9316			
12/	S	165.913	160.222	147.241	138.335	158.206	167.927	149.056	143.157	160.940	153.758			
128	T	2.7465	4.2982	2.2586	2.9714		2.2590	2.8030	2.3338	2.9055	20.6604			
120	S	172.534	165.926	150.787	140.085	159.394	168.417	150.083	144.176	161.449	155.776			
129	T	2.7243	4.2617	2.2406	2.9733	2.3782	2.2499	2.8168	2.3016	2.8798	20.5645			
129	S	173.940	167.347	151.999	139.996		169.098	149.347	146.193	162.890	156.503			
130	T	2.7042	4.2388		2.8977	2.3633	2.3217	2.9044	2.3605	2.9170	20.7056			
130	S	175.232	168.251	152.257	143.648		163.869	144.843	142.545	160.813	155.436			
131	T	2.7390	4.2932	2.2644	3.0248	2.4239	2.2791	2.8283	2.4196	2.9576	20.9367			
	S	173.006	166.119	150.401	137.612		166.932	148.740	139.063	158.605	153.721			
132	T	2.7281	4.2557	2.2254	2.9071	2.3552	2.2500	2.8714	2.4586	2.9320	20.7278			
132	S	173.697	167.583	153.037	143.184	161.249	169.091	146.508	136.857	159.990	155.270			
133	Т	2.7187	4.2352	2.2097	2.9864	2.4026	2.2432	2.8488	2.4938	2.9437	20.8469			
133	S	174.298	168.394	154.124	139.382	158.067	169.603	147.670	134.926	159.354	154.383			

Track: **Iowa Speedway** 0.894 mile(s)

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	T	2.8364	4.4592	2.3700	2.9770	2.3704	2.2599	2.8544	2.5460	3.0302	21.2443			
134	S	167.065	159.935	143.700	139.822	160.215	168.350	147.380	132.159	154.805	151.495			
125	Т	2.7784	4.3441	2.2816	2.9845	2.3979	2.2644	2.8284	2.4156	2.9684	20.9192			
135	S	170.553	164.173	149.267	139.471	158.377	168.016	148.735	139.293	158.028	153.849			
136	Т	2.7479	4.2961	2.2519	2.9425	2.3787	2.2339	2.7833	2.4699	2.9973	20.8054			
136	S	172.446	166.007	151.236	141.461	159.656	170.310	151.145	136.231	156.504	154.691			
137	Т	2.7436	4.2775	2.2433	3.0238	2.4203	2.2548	2.7975	2.3966	2.9454	20.8253			
137	S	172.716	166.729	151.816	137.658	156.911	168.731	150.378	140.398	159.262	154.543			
138	Т	2.8081	4.3988	2.2889	2.8379	2.3522	2.2463	2.8064	2.3498	2.9108	20.6004			
136	S	168.749	162.131	148.791	146.675	161.454	169.369	149.901	143.194	161.155	156.230			
139	Т	2.7468	4.3186	2.2925	3.0157	2.4264	2.2607	2.8554	2.4166	2.9612	20.9753			
139	S	172.515	165.142	148.558	138.028	156.517	168.291	147.329	139.236	158.412	153.438			
140	T	2.8645	4.5022	2.3814	3.0189	2.4373	2.2755	2.8118	2.2940	2.8793	20.9627			
140	S	165.426	158.407	143.012	137.881	155.817	167.196	149.613	146.677	162.918	153.530			
141	Т	2.6996	4.2117	2.2029	2.9677	2.4339	2.2796	2.7954	2.3149	2.8810	20.5750			
171	S	175.531	169.333	154.600	140.260	156.035	166.895	150.491	145.353	162.822	156.423			
142	T	2.7178	4.2462	2.2212	3.0452	2.4880					30.1596	31.7432		22.6018
172	S	174.356	167.958	153.326	136.691	152.642					106.712	31.370		125.689
143	I						2.5226	2.9278	2.2823	2.8674	43.3830		19.1976	
143	S						150.818	143.685	147.429	163.595	74.186		134.128	
144	I	2.7032	4.1998	2.1565	-	2.3092	2.1934	-	2.1330	2.7490	19.5881			
	S	175.297	169.813	157.926		164.461	173.454		157.748	170.641	164.304			
145	LT	2.6210	4.0664			2.4250	2.2291				19.6493			
143	S	180.795	175.384	162.975		156.607	170.676		153.572	168.000	163.792		ļ	
146	ፗ	2.6537	4.0815	2.0595		2.2639	2.1410		2.1158	2.7468	19.1528			
110	S	178.567	174.735	165.364	156.614	167.752	177.699	167.316	-	170.777	168.038			
147	I	2.6261	4.0748			2.2601	2.1233	2.5010		2.7504	19.1323			
	S	180.444	175.023	163.303	156.444	168.034	179.181	168.205	158.327	170.554	168.218			
148	ፗ	2.6031	4.0040		+	2.2266	2.1151	2.5127	2.1423	2.7515	19.0537		ļ	
	S	182.038	178.117	167.240		170.562	179.875	167.422	157.064	170.486	168.912			
149	ፗ	2.6349	4.0738			2.2662	2.1481	2.5635		2.7888	19.3265			
	S	179.841	175.065	164.090		167.581	177.112	164.104	154.270	168.205	166.528			
150	ㅁ	2.6242	4.0420			2.2365	2.1406		2.1574	2.7829	19.2545			
	S	180.575	176.443	164.964	155.219	169.807	177.733	163.900	155.964	168.562	167.151			
151	ፗ	2.6383	4.1508			2.3649	2.1914	2.5946	2.2413	2.8488	19.9783			
	S	179.609	171.818		143.802	160.587	173.613	162.137	150.126	164.663	161.095			
152	ፗ	2.6642	4.1254			2.2627	2.1464		2.2523	2.8521	19.6182			
	S	177.863	172.876	160.691	151.894	167.841	177.252	163.011	149.393	164.472	164.052			

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152	Т	2.6418	4.0786	2.0816	2.6936	2.2512	2.2710	2.8344	2.3242	2.8697	19.9675	5		
153	S	179.372	174.859	163.609	154.533	168.698	167.527	148.420	144.771	163.463	161.182)		
154	Т	2.6461	4.0786	2.0871	2.7476	2.2656	2.1490	2.6279	2.3033	2.8725	19.6991			
154	S	179.080	174.859	163.178	151.496	167.626	177.038	160.083	146.085	163.304	163.378	3		
155	Т	2.6415	4.0566	2.0523	2.7312	2.2513	2.1804	2.6959	2.1783	2.7826	19.5135	5		
155	S	179.392	175.808	165.945	152.406	168.690	174.488	156.045	154.468	168.580	164.932)		
156	Т	2.6347	4.1087	2.1315	2.7443	2.2794	2.1795	2.6898	2.2083	2.8020	19.6695	5		
130	S	179.855	173.578	159.779	151.678	166.611	174.560	156.399	152.369	167.413	163.624	ļ		
157	Т	2.6438	4.0986	2.1116	2.7655	2.2926	2.1766	2.6572	2.2252	2.8122	19.6847	7		
137	S	179.236	174.006	161.284	150.515	165.652	174.793	158.318	151.212	166.806	163.498	3		
158	Т	2.6404	4.0918	2.1063	2.6957	2.2435	2.1363	2.6249	2.2882	2.8254	19.5607	7		
136	S	179.467	174.295	161.690	154.413	169.277	178.090	160.266	147.049	166.026	164.534	ŀ		
159	Т	2.6358	4.0830	2.1068	2.7829	2.2845	2.1826	2.6545	2.2363	2.8292	19.7126	5		
139	S	179.780	174.671	161.652		166.239	174.313	158.479	150.462	165.803	163.266	5		
160	Т	2.6603	4.1364	2.1360	2.7477	2.2784	2.1637	2.6219	2.2829	2.8668	19.7577	7		
100	S	178.124	172.416	159.442	151.490	166.684	175.835	160.449	147.390	163.629	162.893	3		
161	T	2.6784	4.1477	2.1120	2.6772	2.2607	2.1758	2.6716		-	19.5985	5		
101	S	176.920	171.946	161.254	155.480	167.989	174.857	157.464	152.245	166.776	164.217	7		
162	T	2.6377	4.0771	2.0991	2.7469	2.2767	2.1569	2.6174	2.2972	2.8806	19.7125	5		
102	S	179.650	174.924	162.245	151.534	166.808	176.390	160.725	146.473	162.845	163.267	7		
163	T	2.6679	4.1293	2.1315	2.7718	2.2947	2.1925	2.6826	2.2438	2.8381	19.8229)		
103	S	177.617	172.713	159.779	150.173	165.500	173.525	156.819	149.959	165.283	162.358	3		
164	T	2.6600	4.1271	2.1359		2.3024	2.1780	2.6307	2.2280	2.8360	19.7633	3		
107	S	178.144	172.805	159.449		164.946		159.913	•	165.406	162.847			
165	T	2.6742	4.1388		2.7273	2.3029	2.1712	2.5937	2.1777	2.7806	19.5434	ł		
103	S	177.198	172.316	160.964	152.623	164.911	175.228	162.194	154.510	168.701	164.680)		
166	Т	2.6331	4.0728								19.3848			
100	S	179.964	175.108		+						166.027			
167	Т	2.6470	4.1123	2.1185	2.7280	2.3018	2.1703	2.5962	2.2173	2.8107	19.5898	3		
107	S	179.019	173.427	160.759	152.584	164.989	175.300	162.038	151.751	166.895	164.290)		
168	Т	2.6592	4.1330								19.7110			
100	S	178.198	172.558	160.109	151.805	164.632	175.091	160.474	150.146	165.144	163.279			
169	Т	2.6626	4.1236	2.1189	2.7747	2.3283	2.1878	2.6312	2.2586	2.8414	19.8035	5		
109	S	177.970	172.951	160.729	150.016	163.112	173.898	159.882	148.976	165.091	162.517	7		
170	Т	2.6445	4.0864	2.0931	2.7090	2.2870	2.1843	2.6925	2.2355	2.8388	19.6847	7		
	S	179.188	174.526	162.710	153.654	166.057	174.177	156.242	150.515	165.243	163.498	3		
171	Т	2.6971	4.2104	2.1933	2.8004	2.3116	2.1797	2.6583	2.2224	2.8354	19.8982	2		
171	S	175.694	169.386	155.277	148.639	164.290	174.544	158.252	151.403	165.441	161.743	3		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6943	4.1917	2.1564	2.7261	2.3006	2.1794	2.6767	2.2807	2.8782	19.8924			
172	S	175.876	170.141	157.934	152.691	165.076	174.568	157.164	147.532	162.981	161.790			
172	Т	2.6776	4.1533	2.1460	2.8854	2.3814	2.2037	2.6432	2.2783	2.8586	20.0742			
173	S	176.973	171.714	158.699	144.261	159.475	172.644	159.156	147.688	164.098	160.325			
174	T	2.6684	4.1341	2.1263	2.7495	2.3136	2.1904	2.6880	2.2730	2.8658	19.8750			
1/4	S	177.583	172.512	160.169	151.391	164.148	173.692	156.504	148.032	163.686	161.932			
175	Т	2.6757	4.1550	2.1422	2.7678	2.3150	2.1998	2.7247	2.2854	2.8726	19.9832			
1/5	S	177.099	171.644	158.981	150.390	164.049	172.950	154.396	147.229	163.298	161.055			
176	Т	2.7468	4.2999	2.2381	2.7845	2.3296	2.3024	2.8302	2.3542	2.9372	20.5230			
170	S	172.515	165.860	152.168	149.488	163.021	165.243	148.640	142.926	159.707	156.819			
177	T	2.7348	4.2571	2.2090	2.7997	2.2952	2.1964	2.7432	2.2677	2.8568	20.1028			
	S	173.272	167.528	154.173	148.677	165.464	173.217	153.354	148.378	164.202	160.097			
178	┸	2.6792	4.1686			2.3606		2.7380	2.3066	2.8998	20.2137			
176	S	176.868	171.084	157.539	146.304		171.175	153.646	145.876	161.767	159.219			
179	T	2.6845	4.1590	2.1425	2.7786	2.2916	2.1785	2.6765	2.2645	2.8649	19.8816			
1/3	S	176.518	171.479	158.958	149.806			157.176	148.588	163.737	161.878			
180	T	2.6790	4.1728	2.1738	2.8614		2.2387	2.7472	2.2852	2.8764	20.2319			
100	S	176.881	170.912	156.670		160.228	169.944	153.131	147.242	163.083	159.076			
181	工	2.7011	4.2087	2.1817	2.7996	2.3414	2.2175		2.2683	2.8684	20.1147			
101	S	175.434	169.454		148.682			153.719	148.339	163.537	160.002			
182	T	2.6605	4.1225		2.7949			2.7856	-	2.8732	20.1013			
102	S	178.111	172.997	160.403	148.932		172.448	151.020	144.034	163.264	160.109			
183	ፗ	2.6656	4.1379		2.7785			2.7704		2.8408	20.0041			
100	S	177.770	172.354		149.811	166.014		151.849	146.575	165.126	160.887			
184	ፗ	2.7302	4.2212	2.1585				2.7611	2.2500	2.8790	20.0509			
	S	173.564	168.952	157.780	153.620	-		152.360	149.545	162.935	160.511			
185	T	2.7651	4.2631	2.1689			2.9129	3.5878	3.4708	4.3448	24.7488			
	S	171.373	167.292	157.023	149.693		130.610	117.253	96.945	107.966	130.043			
186	T	3.8791	5.8483	2.8095	3.4106		2.5501	3.2227	3.1206	3.8747	25.5553			
	S	122.158	121.947	121.220	122.046		149.192	130.537	107.825	121.065	125.939			
187	T	4.4442	6.9058	3.5324	4.7552	3.6380	3.3424	3.5762	3.0316	3.9169	30.2369			
	S	106.625	103.273	96.413	87.536	104.391	113.827	117.634	110.990	119.761	106.439			
188	T	4.4922	6.9869	3.5430	4.1959		4.5838	4.3709	3.8415	6.0772	34.9523		+	
<u> </u>	S	105.486	102.074	96.124	99.204		83.000	96.246	87.590	77.189	92.080		+	
189	T	7.7183	11.0374	4.8012	5.6375		4.9079	5.9252	5.1508	7.0794	46.1969			
	S	61.395	64.615	70.934	73.836		77.519	70.999	-	66.261	69.667			+
190	T	6.7378	9.7259	4.2903	5.8820		4.4267	4.8565	3.8576	5.1647	39.8380		+	
	S	70.329	73.328	79.381	70.767	82.159	85.945	86.622	87.225	90.826	80.787			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
404	Т	5.3412	7.9337	3.7542	5.8354	5.3969	5.1124	6.5586	5.0336	6.2068	43.2391			
191	S	88.719	89.893	90.717	71.332	70.369	74.418	64.142	66.846	75.577	74.433	8		
102	Т	6.1698	9.0835	4.2271	5.3717	5.4078	4.1659	3.9286	3.5007	4.1490	36.9206	5		
192	S	76.804	78.514	80.568	77.489	70.227	91.326	107.082	96.117	113.061	87.171			
193	Т	3.7561	5.9206	3.1174	3.7950	3.2339	3.2711	3.7863	3.4313	4.8797	29.2708	3		
193	S	126.158	120.458	109.248	109.684	117.435	116.308	111.106	98.061	96.131	109.953	3		
194	Т	4.4500	6.4456	2.8487	3.4336	2.7479	2.8893	3.5322	3.0698	3.7685	26.7400)		
154	S	106.486	110.646	119.552	121.228	138.205	131.677	119.099	109.609	124.477	120.359)		
195	Т	4.2974	6.9444	3.9422	5.5804	5.5353	4.1609	5.2130	4.6705	4.9294	38.3291			
193	S	110.268	102.699	86.390	74.591	68.609	91.436	80.699	72.043	95.162	83.968	B		
196	Т	5.2812	8.0821	4.2428	5.5627	4.5695	4.9983	5.0451			43.6751	31.3534		36.1000
190	S	89.727	88.242	80.270	74.829	83.110	76.117	83.384			73.690	31.760		78.692
197	Т						3.5544	3.7808	3.0865	3.5778	49.2641		25.4858	
197	S						107.038	·		131.112	65.330)	101.034	
198	Т	4.1844	6.4539	3.3219	5.3384	5.8750	5.3344	5.7268	4.5965	4.6795	39.0569)		
196	S	113.245	110.504	102.522	77.973	64.642	71.321	73.458	73.203	100.244	82.403	B		
199	Т	6.0849		2.8907		2.9021	3.2595	3.8034	2.6178		27.8261			
199	S	77.875	87.262	117.815	125.577	130.861	116.722	110.607	128.534	158.852	115.661			
200	工	2.7310					2.4272			2.9516	21.4435	5		
	S	173.513	165.445	149.477	146.320	162.769	156.746	125.663	133.016	158.928	150.087	7		
201	T	2.7506				2.3324	-			2.8614	20.6985			
201	S	172.276		144.474				-		163.938	155.490)		
202	ፗ	2.6472		2.0996						2.7697	19.5077			
	S	179.006				169.519				169.365	164.981			
203	ፗ	2.6652					2.1646			2.7653	19.5714	1		
203	S	177.797		159.166		168.287	175.762	-		169.635	164.444			
204	T	2.6587								2.7901	19.4726			
	S	178.231					177.318		+	168.127	165.278			
205	I	2.6410			+	•				2.7817	19.4073			
	S	179.426								168.635	165.835			
206	T	2.6194		-			-			2.7607	19.3764			
	S	180.905		164.185						169.917	166.099			
207	I	2.6157								2.8054	19.5405			
	S	181.161	·	163.193		166.166		·		167.210	164.704	1		
208	I	2.6518								2.7979	19.6403			
	S	178.695				163.603	174.057	161.496		167.658	163.867			
209	Т	2.6524	4.1308	2.1335	2.7355	2.3020			2.1629	2.7875	19.5529			
209	S	178.655	172.650	159.629	152.166	164.975	175.333	161.230	155.568	168.284	164.600			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 18 - Bourdais, Sebastien

Race

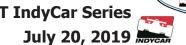
Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6761	4.1754	2.1762	2.7245	2.2848	2.1455	2.5324	2.1544	2.7795	19.4734			
210	S	177.072	170.806	156.497	152.780	166.217	177.327	166.120	156.181	168.768	165.272			
211	T	2.6323	4.0710	2.0790	2.6977	2.2939	2.1538	2.5467	2.1674	2.7882	19.3590			
211	S	180.019	175.186	163.813	154.298	165.558	176.643	165.187	155.245	168.241	166.248			
212	T	2.6441	4.0722	2.0613	2.6527	2.2511	2.1257	2.5277	2.1315	2.7641	19.1582			
212	S	179.215	175.134	165.220	156.916	168.705	178.978	166.429	157.859	169.708	167.991			
213	Т	2.6373	4.0809	2.0805	2.6530	2.2577	2.1311	2.5373	2.1795	2.7960	19.2724			
213	S	179.678	174.761	163.695	156.898	168.212	178.525	165.799	154.383	167.772	166.995			
214	T	2.6409	4.0844	2.0799	2.6443	2.2527	2.1284	2.5219	2.1483	2.7646	19.1810			
214	S	179.433	174.611	163.743	157.414	168.586	178.751	166.811	156.625	169.678	167.791			
215	Т	2.6409	4.0845	2.0818	2.6550	2.2619	2.1351	2.5569	2.1819	2.7998	19.3133			
215	S	179.433	174.607	163.593	156.780	167.900	178.191	164.528	154.213	167.544	166.642			
216	T	2.6431	4.0847	2.0899	2.7203	2.2559	2.1576	2.6216	2.2433	2.8519	19.5836			
210	S	179.283	174.598	162.959	153.016	168.346	176.332	160.468	149.992	164.484	164.342			
217	T	2.6400	4.0657	2.0665	2.6786	2.2336	2.1817	2.6923	2.1953	2.8031	19.4911			
217	S	179.494	175.414	164.804	155.398	170.027	174.384	156.254	153.272	167.347	165.122			
218	Т	2.6384	4.0693	2.0634	2.6448	2.2182	2.1003	2.6617	2.3093	2.8465	19.4826			
210	S	179.603	175.259	165.052	157.384	171.208	181.143	158.050	145.705	164.796	165.194			
219	T	2.6363	4.0613	2.0684	2.6949	2.2343	2.1572	2.6604	2.2022	2.8163	19.4700			
219	S	179.746	175.604	164.653	154.458	169.974	176.365	158.127	152.791	166.563	165.300			
220	Т	2.6309	4.0447	2.0469	2.6563	2.2346	2.1694	2.7043	2.2489	2.8508	19.5421			
220	S	180.115	176.325	166.382	156.703	169.951	175.373	155.560	149.619	164.547	164.691			
221	Т	2.6383	4.0763	2.0838	2.7085	2.2493	2.1868	2.7270	2.2602	2.8181	19.6720			
221	S	179.609	174.958	163.436			173.978			166.456	163.603			
222	Т	2.6506	4.1033	2.1062	2.7572	2.2738	2.2058	2.7084	2.2462	2.7889	19.7371			
222	S	178.776	173.807	161.698	150.968	167.021	172.479	155.325	149.798	168.199	163.063			
223	Т	2.6368	4.0838	2.0908	2.6998	2.2416	2.1919	2.7145	2.2345	2.8054	19.6153			
	S	179.712	174.637	162.889	154.178		173.573			167.210	164.076			
224	T	2.5981	4.0514	2.1183			2.1800	2.6283	2.2455	2.8394	19.7744			
	S	182.389	176.033	160.774	147.460	162.157	174.520	160.059	149.845	165.208	162.756			
225	T	2.6343					2.1527	2.6659		2.8085	19.5112			
	S	179.882		163.672	154.533		176.734			167.025	164.951			
226	Т	2.6398	4.0889	2.0971	2.6849	2.2385	2.1355	2.6184		2.8073	19.4802			
	S	179.507	174.419	162.400	155.034	169.655	178.157	160.664	148.969	167.097	165.214			
227	T	2.6718	4.1473	2.1118	2.6667	2.2262	2.1294	2.6576	2.3204	2.8593	19.6432			
	S	177.357	171.963	161.269	156.092	170.592	178.667	158.294	145.008	164.058	163.843	3		
228	Т	2.6352	4.0697	2.0831	2.6938	2.2346	2.1382	2.6354	2.2397	2.8227	19.4827	1		
	S	179.821	175.242	163.491	154.521	169.951	177.932	159.627	150.233	166.185	165.193			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap F	PI to PO P	O to SF	SF to PI
229	Т	2.6375	4.0961	2.1056	2.6829	2.2391	2.1918	2.6781	2.2327	2.8059	19.5736			
229	S	179.664	174.112	161.744	155.149	169.610	173.581	157.082	150.704	167.180	164.426			
230	Т	2.6261	4.0618	2.0876	2.7151	2.2574	2.1262	2.5837	2.2080	2.7934	19.3975			
230	S	180.444	175.583	163.139	153.309	168.235	178.936	162.821	152.390	167.928	165.918			
231	T	2.6334	4.0635	2.0603	2.6579	2.2625	2.1558	2.5976	2.1717	2.7992	19.3384			
231	S	179.944	175.509	165.300	156.609	167.855	176.480	161.950	154.937	167.580	166.425			
232	T	2.6432	4.0807	2.0907	2.7132	2.2815	2.1357	2.5208	2.1942	2.8000	19.3793			
232	S	179.276	174.769	162.897	153.417	166.457	178.140	166.884	153.348	167.532	166.074			
233	T	2.6267	4.0379	2.0510	2.7283	2.2643	2.1314	2.5659	2.3080	2.9716	19.6472			
233	S	180.403	176.622	166.050	152.568	167.722	178.500	163.951	145.787	157.858	163.810			
234	T	2.6996	4.1352	2.0836	2.7107		2.1322	2.6210	2.2566	2.8259	19.5837			
234	S	175.531	172.466	163.452	153.558	168.481	178.433	160.504	149.108	165.997	164.341			
235	工	2.6373	4.0792	2.0972	2.7819	2.2859	2.1463	2.6100	2.2987	2.8401	19.6974			
233	S	179.678	174.834	162.392	149.628	166.137	177.261	161.181	146.377	165.167	163.392			
236	工	2.6475	4.1082	2.1240	2.7694	2.2834	2.1725	2.6958	2.3225	2.9028	19.9179			
230	S	178.985	173.600	160.343	150.303	166.319	175.123	156.051	144.877	161.599	161.583			
237	工	2.6926	4.2053	2.1915	2.8135	2.3249	2.1800	2.6809	2.3132	2.8631	20.0597			
237	S	175.987	169.591	155.404	147.947	163.350	174.520	156.918	145.460	163.840	160.441			
238	ഥ	2.6684	4.1460	2.1380	2.7519	2.2824	2.1696	2.6707	2.3114	2.8766	19.8690			
250	S	177.583	172.017	159.293	151.259		175.357	157.517	145.573	163.071	161.981			
239	ഥ	2.6741	4.1714	2.1815	2.8410		2.2190	2.7491	2.3456	2.8595	20.2176			
233	S	177.205	170.969	156.117	146.515		171.453	153.025	143.450	164.046	159.188			
240	ഥ	2.7273	4.2843	2.2783	3.0508	+	2.2268	2.7255		2.8987	20.7071			
	S	173.748	166.464	149.483	136.440		170.853	154.350	142.190	161.828	155.425			
241	ഥ	2.7089	4.2082	2.1841	2.8410		2.2025	2.7195		2.8714	20.1700			
	S	174.928	169.474	155.931	146.515		172.738	154.691	144.684	163.367	159.564			
242	ഥ	2.6749	4.1490	2.1334	2.7479		2.1979	2.7337	2.2856	2.8359	19.8826			
	S	177.152	171.892	159.636	151.479		173.099	153.887	147.216	165.412	161.870			
243	ㅁ	2.7386	4.2652	2.2027	2.7691	+	2.1181	2.6881	2.4826	2.9563	20.2248			
L	S	173.031	167.209	154.614	150.320		179.621	156.498	135.534	158.675	159.131			
244	I	2.7066	4.1799	2.1493	2.8127		2.1864	2.6324		2.9277	20.1078			
<u> </u>	S	175.077	170.622	158.455	147.989		174.010	159.809	142.636	160.225	160.057			
245	ᄑ	2.7132	4.1918	2.1505	2.8030		2.1896	2.6598		2.8608	19.9979			
<u> </u>	S	174.651	170.137	158.367	148.502		173.755	158.163	145.794	163.972	160.937			
246	I	2.6606	4.1174	2.1154	2.7746		2.1621	2.6504		2.8754	19.8533			
L	S	178.104	173.212	160.995	150.022		175.965	158.724	144.609	163.139	162.109			
247	ᆜ	2.6615	4.0987	2.1020	2.7838		2.1627	2.6856		2.9330	19.9840			
	S	178.044	174.002	162.021	149.526	166.253	175.916	156.644	141.908	159.936	161.049			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.6919	4.1680	2.1447	2.7890	2.3058	2.1734	2.6573	2.3050	2.8626	19.9297			
248	S	176.033	171.109	158.795	149.247	164.703	175.050	158.312	145.977	163.869	161.488			
249	Т	2.6680	4.1273	2.1206	2.7854	2.2985	2.1993	2.7080	2.4214	2.9661	20.1673			
249	S	177.610	172.796	160.600	149.440	165.226	172.989	155.348	138.960	158.151	159.585			
250	Т	2.7114	4.1859	2.1478	2.8899	2.3471	2.1964	2.6813	2.4886	3.0176	20.4801			
250	S	174.767	170.377	158.566	144.036	161.805	173.217	156.895	135.207	155.452	157.148			
251	Т	2.7672	4.2891	2.2134	2.8666	2.3496	2.1985	2.7161	2.3417	2.8738	20.3269			
251	S	171.243	166.278	153.867	145.207	161.633	173.052	154.885	143.689	163.230	158.332			
252	T	2.6838	4.1586	2.1429	2.8310	2.3489	2.2019	2.6642	2.2812	2.8703	20.0242			
252	S	176.564	171.496	158.929	147.033	161.681	172.785	157.902	147.500	163.429	160.726			
253	Т	2.6861	4.1746	2.1600	2.8205	2.3509	2.2358	2.7676	2.2857	2.8816	20.1882			
255	S	176.413	170.838	157.670	147.580	161.544	170.165	152.002	147.210	162.788	159.420			
254	Т	2.6939	4.2027	2.1893	2.7749	2.3295	2.2000	2.6694	2.2399	2.8418	19.9387			
254	S	175.902	169.696	155.560	150.005	163.028	172.934	157.594	150.220	165.068	161.415	<u> </u>		
255	Т	2.6656	4.1435	2.1364	2.7441	2.3281					29.0643	31.6347		21.4966
233	S	177.770	172.121	159.412	151.689	163.126					110.734	31.478		132.151
256	T						2.4796	2.8060	2.2446	2.8135	42.8610		18.7940	
230	S						153.434	149.922	149.905	166.729	75.089		137.009	
257	口	2.6442	4.0726		2.7047			2.6228	2.1460		19.3934			
237	S	179.209	175.117	165.268	153.899	166.057	174.585	160.394	156.793	170.653	165.953			
258	工	2.6215	4.0780		2.6636		2.1372	2.4860	2.1046		19.1387			
250	S	180.760	174.885	162.276	156.273		178.015	169.220	159.877	170.492	168.162			
259	口	2.6070	4.0186				2.1225	2.4656	2.0882	2.7335	18.9585			
233	S	181.766	177.470	166.456	157.892	·	179.248		161.133		169.760			
260	ഥ	2.5951	3.9981	2.0241	2.5878	2.2352	2.1104		2.0739		18.8304			
	S	182.599	178.380	168.257	160.851	169.905	180.276	169.214	162.244		170.915			
261	T	2.5912	4.0080					2.4935	2.0608		18.9478			
	S	182.874	177.940	165.284	155.462		179.739	168.711	163.275		169.856			
262	T	2.5854	3.9918		2.6918	·		2.5466	2.1663		19.2214			
	S	183.284	178.662	167.504	154.636		177.261	165.194	155.323	168.963	167.438			
263	I	2.6169	4.0442	2.0761	3.0096	4.0462	4.6012	4.3489	3.8712	4.9514	29.5215			
	S	181.078	176.347	164.042	138.307	93.859	82.686	96.733	86.918	94.739	109.019			
264	T	5.4095	8.3546	4.1450	5.1316		4.8179	4.8282	3.9770	5.1011	39.4849			
	S	87.598	85.364	82.164	81.115	62.518	78.967	87.130	84.606	91.959	81.510			
265	Т	4.8980	7.7578	4.1327	6.2484		4.7503	6.1762	5.0312	6.5915	44.6784			
	S	96.746	91.931	82.408	66.617	55.440	80.091	68.113	66.878	71.166	72.035			
266	Т	7.1852	10.5587	4.8859	6.4581	6.5508	5.9742	5.6681	5.1858	6.6261	48.5342			
	S	65.950	67.544	69.704	64.454	57.973	63.683	74.219	64.884	70.794	66.312			

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	6.7640	10.2861	5.0338	6.0401	6.4832	5.5485	6.1512	5.4423	6.5627	48.0258	3		
267	S	70.057	69.335	67.656	68.914	58.578	68.569	68.390	61.826	71.478	67.014	ŀ		
260	Т	6.7289	10.1760	4.8988	6.0749	6.5864	6.2972	6.8946	5.6658	7.2904	50.4370)		
268	S	70.422	70.085	69.521	68.520	57.660	60.416	61.016	59.387	64.344	63.810)		
260	Т	7.1681	10.4558	4.7694	6.6511	6.1692	5.5563	6.6370	5.2868	6.9165	49.1544	ŀ	ĺ	
269	S	66.107	68.209	71.407	62.584	61.559	68.473	63.384	63.645	67.822	65.475	5		
270	Т	6.4858	10.2409	5.3788	6.4334	5.5297	5.4596	6.0722	4.9620	6.6737	46.9952	2		
2/0	S	73.062	69.641	63.317	64.701	68.679	69.685	69.280	67.811	70.289	68.484	ļ.		
271	Т	6.9690	10.3677	4.7346	5.7313	6.1361	5.8026	5.9048	5.4181	5.7998	46.4963	3		
2/1	S	67.996	68.789	71.932	72.628	61.892	65.566	71.244	62.102	80.881	69.218	3		
272	Т	6.3493	9.4042	4.3520	5.5969	5.2077	5.0864	5.8266	4.6736	6.2688	43.3613	3		
2/2	S	74.632	75.837	78.256	74.372	72.925	74.798	72.200	71.995	74.829	74.223	3		
272	Т	6.8492	9.7215	4.3757	6.2428	4.9850	5.1619	5.9474	4.3363	3.6046	41.5029)		
273	S	69.185	73.361	77.832	66.677	76.183	73.704	70.734	77.595	130.137	77.546			
274	Т	2.8916	4.3977	2.1925	2.6880	2.2640	2.1377	2.5320	2.1800	2.8146	19.7004			
2/4	S	163.876	162.172	155.333	154.855	167.744	177.974	166.146	154.347	166.663	163.367	7		
275	Т	2.6508	4.1142	2.1189	2.7084	2.2513	2.1398	2.5232	2.1285	2.7505	19.2714	ł		
2/5	S	178.763	173.346	160.729	153.689	168.690	177.799	166.726	158.082	170.548	167.004	ł –		
276	Т	2.6130	4.0368	2.0680	2.6592	2.2253	2.1102	2.4680	2.0883	2.7209	18.9529)		
2/0	S	181.349	176.670	164.685	156.532	170.661	180.293	170.455	161.125	172.403	169.810)		
277	Т	2.5782	3.9561	2.0045	2.5847	2.1817	2.0971	2.4845	2.0603	2.7031	18.6941			
2//	S	183.796	180.274	169.902	161.044	174.072	181.419	169.323	163.315	173.538	172.161			
278	Т	2.5813	3.9645	1.9950	2.5647	2.2069	2.1025	2.4805	2.0867	2.7296	18.7472	2		
2/0	S	183.576	179.892	170.711	162.300	172.084	180.953	169.596	161.249	171.853	171.674	ļ.		
279	Т	2.6034	3.9934	2.0037	2.5926	2.2128	2.1041	2.4597	2.0659	2.7092	18.7514	1		
2/9	S	182.017	178.590	169.970	160.553	171.625	180.816	171.030	162.872	173.147	171.635	5		
280	Т	2.5755	-	2.0200	2.6310	2.2406	2.1192	2.4705	2.0732	-	18.8500)		
200	S	183.989	179.543	168.598	158.210	169.496	179.527	170.282	162.299	172.460	170.737	7		
281	T	2.6015	4.0080	2.0239	2.5872	2.2162	2.1058	2.4746	2.0907	2.7265	18.8264	1		
201	S	182.150	177.940	168.273	160.888	171.362	180.670	170.000	160.940	172.049	170.951			
282	Т	2.5949				2.2241	2.1091	2.4390			18.7160			
202	S	182.613		169.809			180.387		163.188		171.960			
283	T	2.5757	3.9465		2.6216	2.2479	2.1221	2.4649	2.0860		18.8276	5		
203	S	183.975	180.712	171.692	158.777	168.946	179.282		161.303	172.093	170.941			
284	T	2.5894	3.9819	2.0094	2.5968	2.2220	2.1003	2.4379	2.0916	2.7265	18.7739			
207	S	183.001	179.106	169.487	160.293	170.915	181.143	172.559	160.871	172.049	171.429)		
285	Т	2.5916		2.0131	2.6022	2.2287	2.1085	2.4790	2.0936	2.7323	18.8490)		
203	S	182.846	178.913	169.176	159.961	170.401	180.438	169.698	160.717	171.684	170.746	5		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 18 - Bourdais, Sebastien

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.5964	4.0061	2.0375	2.6152	2.2331	2.1144	2.5001	2.0988	2.7296	18.9251			П
280	S	182.508	178.024	167.150	159.166	170.065	179.935	168.266	160.319	171.853	170.060			
287	Т	2.5981	4.0047	2.0327	2.6320	2.2452	2.1213	2.5086	2.1151	2.7441	18.9971			
287	S	182.389	178.086	167.545	158.150	169.149	179.350	167.696	159.083	170.945	169.415			
288	Т	2.6122	4.0366	2.0550	2.6336	2.2487	2.1222	2.5046	2.1201	2.7464	19.0428			
200	S	181.404	176.679	165.727	158.054	168.885	179.274	167.964	158.708	170.802	169.009			
289	Т	2.5936	3.9875	2.0158	2.6270	2.2467	2.1224	2.5008	2.1518	2.7804	19.0385			
209	S	182.705	178.854	168.949	158.451	169.036	179.257	168.219	156.370	168.713	169.047			
290	Т	2.6326	4.1024	2.1357	2.7525	2.2873	2.1475	2.5727	2.2067	2.8016	19.5366			
290	S	179.998	173.845	159.464	151.226	166.035	177.162	163.518	152.480	167.437	164.737			
291	T	2.6577	4.1210	2.1047	2.6034	2.2218	2.1756	2.6300	2.1975	2.8500	19.4407			
291	S	178.298	173.060	161.813	159.887	170.930	174.873	159.955	153.118	164.593	165.550			
292	T	2.6530	4.0887	2.0699	2.6200	2.2313	2.2185	2.6556	2.1897	2.7606	19.3986			
292	S	178.614	174.428	164.534	158.874	170.202	171.492	158.413	153.664	169.924	165.909			
293	I	2.6202	4.0739	2.1080	2.6254	2.2340			2.3581	2.8858	19.7591			
293	S	180.850	175.061	161.560	158.547	169.997	177.451	151.129	142.690	162.551	162.882			
294	Т	2.6906	4.1667	2.1339	2.6693	2.2561	2.1561	2.6008	2.1873	2.7899	19.4840			
237	S	176.118	171.162	159.599	155.940	168.332	176.455	161.751	153.832	168.139	165.182			
295	T	2.6421	4.1042	2.1123	+	+	2.1562	2.6265	2.2087	2.7815	19.3543			
	S	179.351	173.769	161.231	159.949		176.447	160.168		168.647	166.289			
296	I	2.6537									19.4174			
	S	178.567	173.031	161.690			175.721	159.301		167.940	165.748			
297	T	2.6399					2.2400				19.4461			
	S	179.501	173.671	161.729		170.984	169.846	 		169.335	165.504			
298	I	2.6561	-	2.1494		2.2416		-		2.7691	19.4943			
	S	178.406					176.104			169.402	165.094			
299	T	2.6488									19.5866			
	S	178.897	172.270	158.110		168.518	175.067	157.153		167.808	164.316			
300	I	3.1262												31.9300
	S	151.578	139.182	116.481	96.172	84.546	86.528	78.186	1					88.969

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Section Data for Car 19 - Ferrucci, Santino (R)

Report:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	8.6912	12.1000	4.6445	5.0099	5.4265	4.7897	4.9190	4.2892	4.8948	42.6648		33.4715	5
1	S	54.522	58.941	73.327	83.085	69.985	79.432	85.522	78.448	95.835	75.435		76.929	
	Т	4.2277	6.2883	2.9170	3.5273	3.4390	3.5640	3.8618	2.9540	3.1106	27.6014			
2	S	112.085	113.414	116.753	118.008	110.431	106.749	108.934	113.906	150.804	116.603			
3	Т	2.8706	4.5108	2.3202	2.6632	2.1937	2.0801	2.5328	2.1291	2.6845	19.4742			
	S	165.075	158.105	146.784	156.297	173.120	182.902	166.094	158.037	174.741	165.265			
4	T	2.6259	4.2079	2.2620	2.7140	2.3005	2.2012	2.6081	2.1511	2.7448	19.6076			
4	S	180.458	169.486	150.561	153.371	165.083	172.840	161.298	156.421	170.902	164.140			
5	T	2.6140	4.0725	2.0977	2.6407	2.2237	2.1064	2.4814	2.0728	2.6686	18.9053			
	S	181.279	175.121	162.353	157.629	170.784	180.618	169.534	162.330	175.782	170.238			
6	T	2.6172	4.1212	2.1544	2.6684		2.1277	2.5173	2.1183	2.7038	19.1575			
	S	181.057	173.052	158.080	155.992	168.758	178.810	167.116	158.843	173.493	167.997			
7	T	2.5885	4.0286	2.0807	2.6275	2.2176	2.1098	2.5346	2.1284	2.7049	18.9920			
	S	183.065	177.030	163.680	158.421	171.254	180.327	165.976	158.089	173.423	169.461			
8	T	2.5969	4.0491	2.1065	2.6435	2.2144	2.1081	2.5366	2.1415	2.7274	19.0749			
	S	182.473	176.133	161.675	157.462	171.501	180.473	165.845	157.122	171.992	168.724			
9	T	2.5926	4.0334	2.0869	2.6640	2.2152	2.1022	2.5331	2.1642	2.7321	19.0903			
	S	182.775	176.819	163.193	156.250	171.439	180.979	166.074	155.474	171.696	168.588			
10		2.6080	4.0443	2.0931	2.6806	2.2177	2.1006	2.5407	2.1662	2.7427	19.1496			
10	S	181.696	176.342	162.710	155.282	171.246	181.117	165.577	155.331	171.033	168.066			
11	T	2.6327	4.1048	2.1369	2.6732	2.2373	2.1515	2.6415		2.7650	19.4617			
	S	179.992	173.743	159.375	155.712		176.832	159.259	151.321	169.653	165.371			
12		2.6576	4.1356		2.7253	2.2579	2.1292	2.5506	2.2017	2.7777	19.4394			
12	S	178.305	172.449	159.189	152.735	168.197	178.684	164.934	152.826	168.877	165.561			
13	I	2.6416	4.1143	2.1387	2.7190	2.2668	2.1407	2.5688	2.2087	2.7661	19.4504			
	S	179.385	173.342	159.241	153.089	167.537	177.724	163.766	152.342	169.586	165.467			
14		2.6200	4.0540	2.0911	2.7439		2.1327	2.5620	2.1901	2.7641	19.3733			
14	S	180.864	175.921	162.866	151.700		178.391	164.201	153.636	169.708	166.126			
15	L	2.6158	4.0485	2.0843	2.7117	2.2558	2.1321	2.5668	2.2098	2.7585	19.3348			
	S	181.154	176.160	163.397	153.501	168.354	178.441	163.893	152.266	170.053	166.456			
16	I	2.6260	4.0673	2.0959	2.7098		2.5085	3.3839	3.4223	4.5723	23.6321			
	S	180.451	175.345	162.493	153.609		151.666	124.319	98.319	102.594	136.188			
17	T	4.2538	6.6048	3.3520	4.1286	3.3933	3.3884	3.6881	3.0638	4.3043	29.5723			
L-'	S	111.398	107.979	101.601	100.821	111.918	112.281	114.065	109.824	108.982	108.832			
18	T	4.8739	7.9197	4.4477	5.3854	4.3754	4.6807	5.5884	4.5791	6.2330	40.1636			
10	S	97.225	90.052	76.572	77.292	86.797	81.282	75.278	73.481	75.259	80.132			
19	T	6.5658	9.7547	4.5343	5.5180	4.6107	4.1905	5.0104	4.2609	5.5920	40.2826			
13	S	72.172	73.112	75.109	75.435	82.368	90.790	83.962	78.969	83.886	79.896			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

TAG

Section Data for Car 19 - Ferrucci, Santino (R)

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.7244	10.2107	4.9242	5.9660	4.6941	4.5173	4.8794	3.6031	5.1052	40.4137			
20	S	70.469	69.847	69.162	69.770	80.904	84.222	86.216	93.385	91.885	79.636			
24	Т	6.0635	8.9581	4.1594	5.3203	4.1553	4.2963	5.6431	4.2440	5.5180	39.3999			
21	S	78.150	79.613	81.879	78.238	91.395	88.554	74.548	79.283	85.011	81.685			
22	Т	6.2889	9.6592	4.8014	5.4357	4.2414	4.5352	4.8112	3.8925	5.1533	39.1596			
	S	75.349	73.834	70.931	76.577	89.539	83.889	87.438	86.442	91.027	82.187			
23	Т	5.7749	9.1875	4.7917	5.3470	4.5841	4.6117	5.2259	4.6558	5.8847	40.8758			
	S	82.056	77.625	71.075	77.847	82.846	82.498	80.499	72.271	79.714	78.736			
24	Т	4.8648	7.3228	3.6308	5.0338	3.1251	3.0517	3.2268	2.3255	2.8203	28.0788			
24	S	97.407	97.392	93.800	82.691	121.523	124.670	130.371	144.690	166.327	114.620			
25	Т	2.7568	4.3618		2.8124	2.2991	2.1571	2.6668		2.7920	19.9842			
	S	171.889	163.506	148.396	148.005		176.373	157.748	152.597	168.013	161.047			
26	Т	2.6536	4.1382	2.1488	2.7273	2.2553	2.1232	2.5498	2.1681	2.9056	19.5317			
	S	178.574	172.341	158.492	152.623	168.391	179.189	164.986	155.195	161.444	164.778			
27	Т	2.6908	4.1845	2.1540	2.6909	2.2319	2.1198	2.5668	2.1784	2.7827	19.4153			
	S	176.105	170.434	158.110	154.688	170.157	179.477	163.893	154.461	168.574	165.766			
28	Т	2.6582	4.1434	2.1522	2.7551	2.2797	2.1389	2.5382	2.2711	2.8004	19.5938			
20	S	178.265	172.125		151.083	166.589	177.874			167.509	164.256			
29	T	2.6796	4.1748		2.7744		2.1452			2.7586	19.5659			
	S	176.841	170.830		150.032		177.352			170.047	164.490			
30	T	2.6237	4.0716	2.1034	2.7422	2.2818	2.1426	2.5673	2.2250	2.7851	19.4711			
30	S	180.609	175.160		151.794			163.862	151.226	168.429	165.291			
31	T	2.6227	4.0727	2.1152	2.7091	2.2513	2.1230	2.5651	2.2235	2.7776	19.3875			
J.	S	180.678	175.113	161.010			179.206	•	151.328	168.884	166.004			
32	工	2.6208			2.7653	-	2.1335	-		-	19.4071			
32	S	180.809	175.475		150.526		178.324			170.548	165.836			
33	Т	2.6075					2.1327				19.3296			
	S	181.731			151.105		178.391	166.133		170.016	166.501			
34	T	2.6294			•		2.1227				19.4840			
<u> </u>	S	180.217	173.896		153.876		179.231			167.616	165.182			
35	Т	2.6400			2.7677		2.1342				19.6291			
	S	179.494			150.396		178.266			166.185	163.961			
36	Т	2.6455			2.7759		2.1454			2.7949	19.6622			
	S	179.121	173.170		149.951		177.335	 	148.378	167.838	163.685			
37	Т	2.6396			2.7913				2.2760		19.7216			
	S	179.521		-	149.124					166.978	163.192			
38	Т	2.6588									19.6800			
	S	178.225	171.934	157.176	148.586	165.126	177.418	161.199	151.341	168.999	163.537			

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	T	2.6391	4.1163	2.1467	2.7849	2.2989	2.1450	2.6087	2.2191	2.7726	19.6150			
39	S	179.555	173.258	158.647	149.467	165.198	177.368	161.261	151.628	169.188	164.079			
40	Т	2.6254	4.0960	2.1460	2.8099	2.3156	2.1546	2.6204	2.2964	2.8253	19.7936			
40	S	180.492	174.117	158.699	148.137	164.006	176.578	160.541	146.524	166.032	162.598			
44	T	2.6502	4.1383	2.1692	2.7959	2.2837	2.1386	2.6275	2.2930	2.8015	19.7596			
41	S	178.803	172.337	157.002	148.879	166.297	177.899	160.107	146.741	167.443	162.878			
40	Т	2.6400	4.1168	2.1625	2.8356	2.2965	2.1550	2.6687	2.2865	2.8059	19.8507			
42	S	179.494	173.237	157.488	146.794	165.370	176.545	157.635	147.158	167.180	162.130			
42	T	2.6778	4.1952	2.2167		2.3199					20.0018			
43	S	176.960	169.999	153.637	145.486	163.702	175.908	158.264	146.517	167.002	160.906			
44	Т	2.6888	4.2179			2.3034					20.0815			
44	S	176.236	169.085			164.875					160.267			
4-	Т	2.6948	4.2200	-		2.3207	2.1622		-	2.8593	20.0814			
45	S	175.844	169.000	153.381		163.646	175.957			164.058	160.268			
46	T	2.6752	4.1983	2.2184	2.8447	2.3002			2.3321	2.8260	20.1047			
46	S	177.132	169.874	153.520		165.104				165.991	160.082			
4-	Т	2.6723	4.1911	2.1996		2.2951	2.1735	-			20.1839			
47	S	177.324	170.166	154.832	149.060	165.471	175.042	156.097	137.991	160.785	159.454			
40	T	2.7245	4.2521	2.2238	2.9014	2.3677	2.1880	2.7034	2.3195	2.8373	20.2656			
48	S	173.927	167.725	+	•	160.397	173.882		+		158.811			
40	T	2.7410	4.2827	2.2444		2.3553	-		-		20.3706			
49	S	172.880	166.526	151.741	142.982	161.242	172.557	152.648	144.921	165.394	157.992			
	Т	2.6678	4.1690	2.1807	2.8554	2.3517	2.2063	2.7527	2.3020	2.8270	20.1436			
50	S	177.623	171.068	156.174	145.776	161.489	172.440	152.825	146.167	165.932	159.773			
	T	2.6356	4.1190	2.1541	3.1005	3.0019	2.9699	3.6646	3.1917	4.0074	24.7257			
51	S	179.793	173.144	158.102	134.253	126.511	128.103	114.796	105.423	117.056	130.164			
	Т	4.1264	6.5106	3.3967	4.1381	3.6859	4.3507	4.9723	3.6515	4.7940	33.1156			
52	S	114.837	109.542	100.264	100.590	103.034	87.447	84.605	92.148	97.850	97.187			
F2	Т	5.7046	8.3986	3.8644	5.1989	5.4089	5.1557	6.0909	4.8166	5.4547	41.6947			
53	S	83.067	84.917	88.130	80.065	70.213	73.793	69.067	69.858	85.998	77.190			
F4	Т	6.1658	9.6988	4.9703	5.5592	4.9299	4.7788	5.9761	4.6820	6.3993	43.4614			
54	S	76.854	73.533	68.521		77.035	79.613	70.394	71.866	73.303	74.052			
	Т	6.8378	10.2183	4.8318	5.8233	5.1348	6.0743	7.5779)		59.1852	1647.1443		46.0053
55	S	69.301	69.795	70.485	71.480	73.961	62.633	55.514	ļ.		54.378	0.605		61.749
F.6	Т						3.8654	5.2080	4.3859	5.7784	1664.5298		30.5654	
56	S						98.426	80.776	76.718	81.180	1.934		84.244	
F.7	Т	5.7115	8.2688	3.7649	4.9633	4.6521	4.6316	5.5323	4.3269	5.1779	38.7605			
57	S	82.967	86.250	90.459	83.866	81.635	82.143	76.041	77.764	90.595	83.033			

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Report: **Section Data Report Session: Race**

July 20, 2019 NDYCAR

Section Data for Car 19 - Ferrucci, Santino (R)

Lap		SF to T1		-	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	т.	5.8973	8.5949							1	53.2639	31.5448		34.5571
58	S	80.353	82.977	91.063		92.362					60.424	31.568	-	82.206
	Т						3.9746	3.9675	3.0529	3.7120	37.8034		24.9654	l l
59	S			1	ĺ		95.721	106.032	110.216	126.371	85.135		103.140)
	Т	3.8599	6.2094	3.3503	3.9091	3.1450	3.0684	4.5881	3.9935	5.9772	31.8915			1
60	S	122.766	114.855	101.653	106.482	120.754	123.991	91.690	84.256	78.480	100.917			
61	Т	6.3797	9.3569	4.1707	4.9856	5.5883	5.2483	5.6525	4.0402	5.5038	41.5691			
61	S	74.277	76.220	81.657	83.490	67.959	72.491	74.424	83.282	85.230	77.423			
62	T	5.4507	8.3450	4.0189	4.2044	3.5532	4.1723	5.3384	3.8427	5.3072	35.8878			
02	S	86.936	85.462	84.742	99.003	106.882				88.388	89.680			
63	Т	5.2616	7.9124	3.7924	5.1901	5.3878	5.9678	5.4708	4.5228	5.8074	41.4007			
03	S	90.061	90.135	89.803	80.201	70.488	63.751	76.896			77.738			
64	Т	5.7446	8.7897	4.2724		4.9775					39.8510			
04	S	82.489	81.138	79.714		76.298					80.761			
65	Т	5.0178	7.5962	3.7542	•	3.9984		-			33.4036			
05	S	94.437	93.887	90.717	88.783	94.981					-			
66	Т	2.8637	4.5296							-	19.7877			
	S	165.473	157.449		151.419			+		-	162.646			
67	T	2.6233	4.0858										ļ	
<u> </u>	S	180.636	174.551	162.469		-		-			-	1		
68	T	2.5885	4.0340		2.5809			-						
	S	183.065	176.793										ļ	
69	Т	2.5730	4.0073										ļ	
	S	184.168	177.971	163.209				+		·	168.632		ļ	
70	T	2.5879	4.0339					-			18.9336		ļ	ļ
	S	183.107	176.797	162.191	157.503			-						
71	T	2.5769	4.0116								18.9375			
	S	183.889	177.780					+						
72	T	2.5768	4.0110			+	+	+	+	·				
	S	183.896	177.806			-							-	
73	T	2.5839	4.0273										-	
-	S	183.391	177.087	162.214		169.655								
74	T	2.5891	4.0332		+								-	
	S	183.023	176.828	·		+	+	+		·	168.720			
75	T	2.6054	4.0615					-			-	1		
	S	181.877	175.596								168.100			
76	T	2.5972	4.0323											
	S	182.452	176.867	163.900	156.880	170.769	180.029	164.560	157.137	172.555	168.663			

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Report:

Section Data for Car 19 - Ferrucci, Santino (R)

Lap	T/S ^S	F to T1		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6065	4.0801	2.1312	2.6965	2.2422	2.1200	2.5505	2.1938	2.7547	19.2954			1
77	S	181.801	174.795	159.801	154.367	169.375	179.460	164.941	153.376	170.287	166.796			
70	Т	2.6146	4.0532	2.0952	2.7429	2.2659	2.1387	2.5979	2.1864	2.7527	19.3943			
78	S	181.238	175.955	162.547	151.755	167.603	177.891	161.931	153.896	170.411	165.946			
79	Т	2.6189	4.0653	2.1070	2.7035	2.2415	2.1197	2.5584	2.1921	2.7489	19.2900			
79	S	180.940	175.432	161.637	153.967	169.428	179.485	164.432	153.495	170.647	166.843			
80	Т	2.6212	4.0894	2.1316	2.7489	2.2719	2.1433	2.5783	2.1945	2.7641	19.4538			
80	S	180.781	174.398	159.771	151.424	167.161	177.509	163.162	153.328	169.708	165.438			
81	Т	2.6273	4.0706		2.7350	2.2578	2.1370	2.5908	2.1909	2.7496	19.3917			
01	S	180.361	175.203	161.921	152.194	168.205	178.032	162.375	153.579	170.603	165.968			
82	Т	2.6216	4.0690	2.1094	2.7477	2.2785	2.1472	2.5988	2.2392	2.8138	19.5562			
02	S	180.754	175.272	161.453	151.490	166.677	177.186	161.875	150.267	166.711	164.572			
83	Т	2.6457	4.1230		2.7919	2.2835	2.1454	2.6121	2.2652	2.8451	19.7373			
	S	179.107	172.976		149.092	166.312	177.335		148.542		163.062			
84	T	2.6565			2.7339	2.3028	2.1555	2.6307	2.3260	2.8301	19.7671			
04	S	178.379	172.842	159.771	152.255	164.918	176.504	159.913	144.659	165.751	162.816			
85	T	2.6685	4.1576		2.7809	2.2831	2.1478	2.6243	2.2401	2.7920	19.7078			
	S	177.577	171.537	156.864	149.682	166.341	177.137	160.302	150.206	168.013	163.306			
86	口	2.6413	4.1093		2.7493	2.2778	2.1472	2.6375	2.2523	2.8034	19.6445			
	S	179.405	173.553	159.464	151.402	166.728	177.186	159.500	149.393	167.329	163.832			
87	I	2.6652	4.1600			2.2912	2.1612			-	19.7592			
	S	177.797	171.438		149.951	165.753	176.039		-		162.881			
88	ፗ	2.6445	4.1088		2.7627	2.2785					19.5865			
	S	179.188	173.574		150.668	166.677	177.426				164.317	-		
89	ፗ	2.6484	4.1333		2.7635	2.2744			2.2364		19.6214			
	S	178.924	172.545		150.624	166.977	178.057	-		-	164.025			
90	ፗ	2.6516				2.2727	2.1421						4	
	S	178.709	173.283		151.298	167.102	177.608				164.248			
91	ᄪ	2.6345	4.1041		2.7521	2.2705					19.5993	-		+
	S	179.869	173.773		151.248	167.264					164.210			
92	I	2.6339			2.7653	2.2804				-	19.6273			
	S	179.910	173.507	158.102	150.526	166.538					163.976			
93	ᄑ	2.6429			2.7627	2.2688					19.6934			
	S	179.297	172.516		150.668	167.389	176.989				163.425			
94	ፗ	2.6446	4.1311	2.1658	2.8104	2.2977	2.1553				19.7603		4	
	S	179.182	172.637	157.248	148.111	165.284	176.520	-	150.240	-	162.872			
95	ፗ	2.6424			2.7618		2.1417				19.6712			
93	S	179.331	172.470	156.677	150.717	167.397	177.641	158.880	149.772	168.223	163.610			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S ^S	F to T1		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
0.5	T	2.6508	4.1490	2.1891	2.8219	2.3040	2.1525	2.6643	2.2613	2.7936	19.8375		1	1
96	S	178.763	171.892	-	147.507	164.832		157.896	148.798	167.916	162.238			
0.7	Т	2.6548	4.1580	2.1861	2.7938	2.2920	2.1484	2.6765	2.2402	2.7899	19.7817	1		
97	S	178.493	171.520	155.788	148.991	165.695	177.087	157.176	150.200	168.139	162.696			
98	Т	2.6719	4.1920	2.2075	2.8171	2.2995	2.1568	2.6815	2.2955	2.8058	19.9356			
90	S	177.351	170.129	154.278	147.758	165.154	176.398	156.883	146.581	167.186	161.440			
99	T	2.6787	4.2002	2.2154	2.8302	2.3050	2.1634	2.7171	2.2942	2.8079	20.0119			
99	S	176.901	169.797	153.728	147.074	164.760	175.860	154.828	146.664	167.061	160.824			
100	Т	2.6921	4.2202	2.2272	2.8583	2.3206	2.1668	2.6679	2.3459	2.8324	20.1112			
100	S	176.020	168.992	152.913	145.629	163.653	175.584	157.683	143.432	165.616	160.030			
101	Т	2.6927	4.2298	2.2422	2.8668	2.3275	2.1583	2.6436	2.3324	2.8397	20.1032			
101	S	175.981	168.609	151.890	145.197	163.168	176.275	159.132	144.262	165.190	160.094			
102	Т	2.6948	4.2182	2.2167	2.8114	2.3182	2.1666	2.7093	2.3232	2.8230	20.0632			
102	S	175.844	169.073	153.637	148.058	163.822	175.600		144.834		160.413			
103	T	2.6764			2.8647	2.3166	2.1699	2.7167	2.2897	2.8085	20.0423			
105	S	177.053	170.398	154.818	145.303	163.935	175.333	154.850	146.953	167.025	160.580			
104	T	2.6476	4.1404		2.8432	2.3138	2.1747	2.7290	2.3580	2.8708	20.1145	i		
104	S	178.979	172.249	156.410	146.402	164.134	174.946	154.152	142.696	163.401	160.004			
105	ഥ	2.7055	4.2342	2.2308	2.8906	2.3207	2.1651	2.7069	2.3646	2.8620	20.2462			
	S	175.148	168.434	152.666	144.001	163.646	175.721	155.411	142.298	163.903	158.963			
106	I	2.6932	4.2259		2.9156						20.2811			
100	S	175.948	168.764		142.766	161.578			144.915		158.690			
107	ፗ	2.7974							2.3561	2.8421	20.6640			
107	S	169.394	159.835		141.370	159.891	173.628	•	142.811	165.051	155.749			
108	ፗ	2.7284	4.2976		2.9212	2.3534					20.4650			
	S	173.678	165.949		142.493	161.372	174.289		140.986	163.794	157.264		1	
109	ፗ	2.7177	4.2582		2.8676					-	20.5034			
	S	174.362	167.484		145.156			148.940	138.246		156.969			
110	ᄪ	2.7129	4.2491	2.2346	2.8891	2.3292	•		+	+	20.3889			+
	S	174.671	167.843		144.076	163.049		151.821	141.377	162.664	157.851			
111	I	2.7127	4.2480		2.8893	2.3372				-	20.4034			
	S	174.683	167.886		144.066	162.490			141.460		157.738			
112	ፗ	2.7425			2.9578		2.2185				20.7179			
	S	172.785	165.810		140.730	160.574	171.492		137.186		155.344	-		
113	ፗ	2.8293	4.4160		3.0169						21.2863			
	S	167.484	161.500	148.590	137.973	154.946			135.994	-	151.196			
114	ፗ	2.8001	4.3621	2.2739	2.9843		2.2349				20.7764			
117	S	169.231	163.495	149.773	139.480	157.733	170.233	151.712	142.310	159.652	154.907	1		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.7496	4.3004	2.2515	2.8926	2.3544	2.2232	2.8297	2.3990	2.8973	20.5973			
115	S	172.339	165.841	151.263	143.902	161.303	171.129	148.667	140.257	161.906	156.253			
116	Т	2.7342	4.2743	2.2480	2.8785	2.3266	2.1918	2.7379	2.3106	2.9063	20.3339			
116	S	173.310	166.853	151.498	144.607	163.231	173.581	153.651	145.623	161.405	158.278			
117	Т	2.7122	4.2380	2.2245	2.8629	2.3269	2.2027	2.7547	2.3521	2.8837	20.3197			
11/	S	174.716	168.283	153.099	145.395	163.210	172.722	152.714	143.054	162.670	158.388			
118	T	2.7002	4.2212	2.2212	2.8403	2.3272	2.1936	2.7668	2.3234	2.8780	20.2507			
110	S	175.492	168.952	153.326	146.551	163.189	173.438	152.046	144.821	162.992	158.928			
119	Т	2.7109	4.2386	2.2266	2.8542	2.3396	2.2127	2.7482	2.3479	2.9091	20.3492			
119	S	174.799	168.259	152.954	145.838	162.324	171.941	153.075	143.310	161.249	158.159			
120	Т	2.7918	4.3910	2.3109	2.9251	2.3883	2.2248	2.7707	2.4111	2.9409	20.7636			
120	S	169.734	162.419	147.375	142.303	159.014	171.006	151.832	139.553	159.506	155.002			
121	Т	2.7167	4.2411	2.2253	2.8748	2.3492	2.1863	2.7328	2.3535	2.8680	20.3066			
121	S	174.426	168.160	153.044	144.793	161.660	174.018	153.938	142.969	163.560	158.490			
122	Т	2.6863	4.2020	2.2049	2.9020	2.3753	2.2231	2.8085	2.5102	3.0886	20.7989			
122	S	176.400	169.724	154.460	143.436	159.884	171.137	149.789	134.044	151.878	154.739			
123	T	2.8502	4.4849	2.3524	2.9090	2.3696	2.2172	2.7912	2.4223	2.9146	20.8265			
123	S	166.256	159.018	144.775	143.090	160.269	171.592	150.717	138.908	160.945	154.534			
124	T	2.7011	4.2092	2.2081	2.9207	2.3635	2.2017	2.7476	2.3461	2.8716	20.3604			
124	S	175.434	169.434	154.236	142.517	160.682	172.800	153.109	143.420	163.355	158.072			
125	T	2.6952	4.2188	2.2181	2.8587	2.3322	2.1910	2.7488	2.3612	2.9048	20.3100			
123	S	175.818	169.049	153.540	145.608	162.839	173.644	153.042	142.503	161.488	158.464			
126	工	2.7267	4.2732	2.2479	2.8933	2.3568	2.2045	2.7600	2.3419	2.8953	20.4264			
120	S	173.786	166.896	151.505	143.867	161.139	172.581	152.421	143.677	162.018	157.561			
127	LT	2.7033	4.2150	2.2008	2.8918	2.3556	2.2043	2.7563	2.3648	2.9164	20.3933			
12/	S	175.291	169.201	154.747	143.941	161.221	172.597	152.626	142.286	160.846	157.817			
128	T	2.7148	4.2474	2.2340	2.8900	2.3553	2.2213	2.7779	2.3308	2.8901	20.4142			
120	S	174.548	167.910	152.448	144.031	161.242	171.276	151.439	144.361	162.310	157.655			
129	口	2.7050	4.2339	2.2308	2.8939	2.3824	2.2241	2.7892	2.4179	2.9412	20.5845			
129	S	175.181	168.446	152.666	143.837	159.408	171.060	150.825	139.161	159.490	156.351			
130	T	2.7355	4.2825	2.2536	2.9763	2.4266	2.2434	2.8226	2.4051	2.9380	20.8011			
130	S	173.227	166.534	151.122	139.855	156.504	169.588	149.041	139.902	159.663	154.723			
131	LT	2.7493	4.3285	2.2954	2.9593	2.4005	2.2412	2.8160	2.4426	2.9643	20.8686			
131	S	172.358	164.764	148.370	140.658	158.206	169.755	149.390	137.754	158.247	154.222			
132	工	2.7385	4.2804	2.2445	2.9441	2.4030	2.2454	2.8328	2.3840	2.9359	20.7282			
132	S	173.038	166.616	151.735	141.384	158.041	169.437	148.504	141.140	159.778	155.267			
133	T	2.7594	4.3273	2.2825	2.9749	2.3927	2.2346	2.8304	2.4544	2.9785	20.9074			
133	S	171.727	164.810	149.208	139.921	158.721	170.256	148.630	137.091	157.492	153.936			

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Ť	2.8384	4.4732	2.3614	2.9524	2.3835	2.2260	2.8200	2.4554	2.9599	20.9970			
134	S	166.947	159.434	144.223	140.987	159.334	170.914	149.178	137.036	158.482	153.279			
425	Т	2.7810	4.3713	2.3098	2.9698	2.3884	2.2590	2.9142	2.5020	3.0094	21.1336			
135	S	170.393	163.151	147.445	140.161	159.007	168.417	144.356	134.483	155.875	152.288	ĺ		1
126	Т	2.7496	4.2969	2.2659	3.0070	2.4186	2.2402	2.8241	2.5003	3.0064	21.0121	Ì		
136	S	172.339	165.976	150.302	138.427	157.022	169.831	148.961	134.575	156.031	153.169			
137	Т	2.8278	4.4558	2.3715	3.0395	2.4286	2.2567	2.8457	2.4967	3.0101	21.2766			
137	S	167.573	160.057	143.609	136.947	156.375	168.589	147.831	134.769	155.839	151.265			
138	Т	2.8162	4.4229	2.3421	3.0770	2.4831	3.1449	4.2844	1		43.8344	32.5285		24.0232
136	S	168.263	161.248	145.411	135.278	152.943	120.975	98.189			73.422	30.613		118.252
139	Т						2.4400	2.8706	2.2719	2.8212	31.6264		18.9091	
139	S						155.924	146.548	148.104	166.274	101.763		136.175	
140	T	2.7118	4.2496	2.2287	2.8077	2.3338	2.2069	2.7603	2.3512	2.8558	20.2562			
140	S	174.741	167.823	152.810	148.253	162.727	172.393	152.404	143.109	164.259	158.885			
141	T	2.6930	4.1933	2.1719	2.7148	2.2434	2.1345	2.6347	2.2178	2.7735	19.5836			
141	S	175.961	170.077	156.807		169.284	178.241	159.670	151.717	169.133	164.342			
142	Т	2.6502	4.1368			2.2816	2.1547	2.6277	2.1619	2.7499	19.5335			
142	S	178.803	172.399	157.554	151.590	166.450	176.570	160.095	155.640	170.585	164.763			
143	T	2.6249	4.0981	2.1314	2.7027	2.2587	2.1394	2.5756	2.1751	2.7581	19.3659			
143	S	180.526	174.027	159.786	154.013	168.138	177.832	163.334	154.695	170.078	166.189			
144	T	2.6437	4.1241	2.1469		2.2563	2.1374	2.6039	2.1745	2.7526	19.4354			
144	S	179.243	172.930	158.633			177.999			170.417	165.595			
145	ᄑ	2.6134	4.0574	2.1039		2.2660	2.1286		2.2154	2.7749	19.4129			
143	S	181.321	175.773	161.875		167.596	178.735			169.048	165.787			
146	I	2.6311	4.0899		-		2.1413	2.6041		2.7647	19.4986			
140	S	180.101	174.376	160.260		166.552	177.675	161.546		169.672	165.058			
147	T	2.6372									19.4594			
177	S	179.684					178.332	159.815			165.391			
148	I	2.6215		2.1123		2.2780			+		19.4392	ļ	ļ	
	S	180.760		161.231			178.366			170.517	165.562			
149	T	2.6409	-	2.1301			-				19.2894			
	S	179.433	-	159.884		-	180.361	164.741		169.770	166.848	-		
150	Т	2.6072					2.1103				19.1925			
	S	181.752		163.625	+	•	180.285	164.015	+	170.158	167.691		Ļ	
151	I	2.6189			-		•			2.8143	19.4541			
	S	180.940	-			169.043	179.350			166.681	165.436			
152	T	2.6507									19.6818			
	S	178.769	172.562	158.080	147.397	165.435	177.079	159.888	152.944	168.890	163.522			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	2.6328	4.0825	2.1121	2.7599	2.2672	2.1231	2.6078	2.2410	2.8078	19.5517			
153	S	179.985	174.692	161.246	150.821	167.507	179.198	161.317	150.146	167.067	164.610			
154	Т	2.6358	4.0974	2.1289	2.7567	2.2856	2.1463	2.6553	2.2426	2.7862	19.6374			
154	S	179.780	174.057	159.974	150.996	166.159	177.261	158.431	150.039	168.362	163.891			
155	Т	2.6481	4.1335	2.1601	2.7837	2.2861	2.1347	2.6115	2.2365	2.7928	19.6535			
155	S	178.945	172.537	157.663	149.531	166.123	178.224	161.088	150.448	167.964	163.757			
156	T	2.6303	4.0858	2.1243	2.7967	2.2916	2.1482	2.6312	2.2670	2.8266	19.7159			
130	S	180.156	174.551	160.320	148.836	165.724	177.104	159.882	148.424	165.956	163.239			
157	T	2.6513	4.1289	2.1517	2.8108	2.2989	2.1507	2.6609	2.2804	2.8366	19.8413			
15/	S	178.729	172.729	158.279	148.090	165.198	176.898	158.098	147.552	165.371	162.207			
158	Т	2.6734	4.1631	2.1673	2.7988	2.2877	2.1303	2.6157	2.2899	2.8542	19.8173			
136	S	177.251	171.310	157.139	148.724	166.006	178.592	160.830	146.940	164.351	162.404			
159	Т	2.6874	4.1851	2.1749	2.8224	2.3213	2.1540	2.6193	2.2845	2.8203	19.8841			
139	S	176.328	170.410	156.590	147.481	163.603	176.627	160.608	147.287	166.327	161.858			
160	Т	2.6473	4.1265	2.1556	2.7819	2.2855	2.1455	2.6438	2.2674	2.8242	19.7512			
100	S	178.999	172.830	157.992	149.628	166.166	177.327	159.120	148.398	166.097	162.947			
161	T	2.6565	4.1362	2.1611	2.8218	2.3014	2.1543	2.6674	2.3123	2.8487	19.9235			
101	S	178.379	172.424	157.590	147.512	165.018	176.602	157.712	145.516	164.668	161.538			
162	I	2.6600	4.1428		2.8142	2.3048	2.1591	2.7040	2.3436	2.8888	20.0304			
102	S	178.144	172.150	157.970	147.911	164.775	176.210	155.578	143.573	162.383	160.676			
163	T	2.6860	4.1802	2.1784	2.8590	2.3115	2.1679		2.3165	2.8683	20.0817			
103	S	176.420	170.609	156.339	145.593	164.297	175.495	156.149	145.252	163.543	160.265			
164	┸	2.6844	4.1850		2.8791	2.3267	2.1765	2.7243	2.3451	2.8759	20.2040			
104	S	176.525	170.414	155.369	144.576	163.224	174.801	154.418	143.481	163.111	159.295			
165	ፗ	2.6779	4.1672	2.1800	2.8834	2.3313	2.1629	2.6621	2.3680	2.8794	20.1450		ļ	
103	S	176.953	171.142	156.224	144.361	162.902	175.900	158.026	142.093	162.913	159.762			
166	ፗ	2.6718	4.1589		2.9053	2.3440				2.8653	20.2134			
100	S	177.357	171.483	156.626	143.273	162.019		154.560	143.036	163.714	159.221			
167	T	2.6908	4.2040		2.8630	2.3148			2.3433	2.9185	20.2673			
	S	176.105	169.644	154.299	145.389	164.063	173.581	153.651	143.591	160.730	158.798	1		
168	I	2.7040	4.1925	2.1588	2.8765	2.4010		2.6943	2.3368	2.9110	20.2936			
100	S	175.245	170.109	157.758	144.707	158.173	172.058	156.138	143.991	161.144	158.592			
169	I	2.7283	4.2593	2.2294	2.8670	2.3355			2.2704	2.8238	20.1130			
103	S	173.685	167.441	152.762	145.187	162.609		156.638	148.202	166.120	160.016			
170	I	2.6777	4.1862	2.1951	2.8374		•		2.2590	2.8252	19.9642			
	S	176.967	170.365	155.149	146.701	163.133	175.982	156.977	148.950	166.038	161.209			
171	T	2.6694	4.1739		2.8463			2.6704		2.8462	20.0046			
	S	177.517	170.867	155.199	146.242	163.561	175.673	157.535	146.914	164.813	160.883			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

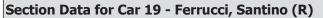
Lap	T/S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6813	4.1889	2.1968	2.7832	2.2972	2.1481	2.6773	2.2883	2.8419	19.9141			
172	S	176.729	170.255	155.029	149.558	165.320	177.112	157.129	147.042	165.062	161.614			
172	Т	2.6702	4.1631	2.1874	2.8423	2.3079	2.1548	2.6873	2.2915	2.8290	19.9704			
173	S	177.464	171.310	155.695	146.448	164.553	176.561	156.544	146.837	165.815	161.159			
174	T	2.6735	4.1731	2.1933	2.8487	2.3158	2.1620	2.7020	2.3061	2.8452	20.0466			
1/4	S	177.245	170.900	155.277	146.119	163.992	175.973	155.693	145.907	164.871	160.546			
175	T	2.6595	4.1409	2.1679	2.8566	2.3277	2.1769	2.7122	2.2926	2.8348	20.0282			
1/5	S	178.178	172.229	157.096	145.715	163.154	174.769	155.107	146.767	165.476	160.693			
176	T	2.6727	4.1741	2.1956	2.8369	2.3154	2.1652	2.6840	2.3002	2.8309	20.0009			
170	S	177.298	170.859	155.114	146.727	164.020	175.713	156.737	146.282	165.704	160.913			
177	T	2.6486	4.1144	2.1433	2.7885		2.1463	2.6596	2.2830	2.8273	19.7907			
1//	S	178.911	173.338	158.899	149.274	165.543	177.261	158.175	147.384	165.915	162.622			
178	┸	2.6481	4.1115	2.1423	2.8308	2.3091	2.1529	2.6570	2.2606	2.8155	19.8163			
178	S	178.945	173.460	158.973	147.043	164.468	176.717	158.330	148.844	166.610	162.412			
179	T	2.6499	4.1282	2.1645	2.8481	2.3151	2.1649	2.6769	2.2993	2.8383	19.9570			
1/9	S	178.823	172.759	157.343	146.150	164.042	175.738	157.153	146.339	165.272	161.267			
180	T	2.6644	4.1512	2.1739	2.8846	2.3268	2.1707	2.6803	2.3131	2.9269	20.1407			
100	S	177.850	171.801	156.662	144.301		175.268	156.953	145.466	160.269	159.796			
181	LT	2.6772	4.1564	2.1620	2.8517	2.3355	2.1691	2.6938	2.2741	2.8177	19.9811			
101	S	177.000	171.586	157.525	145.966	162.609	175.397	156.167	147.961	166.480	161.072			
182	T	2.6531	4.1326	2.1643	2.8401	2.3030	2.1477	2.6695	2.2920	2.8276	19.8973			
102	S	178.608	172.575	157.357	146.562	164.903	177.145	157.588	146.805	165.897	161.751			
183	ഥ	2.6646	4.1566	2.1787	2.8161		2.1515	2.6738	2.3051	2.8408	19.9286			
103	S	177.837	171.578	156.317	147.811	165.262	176.832	157.335	145.971	165.126	161.497			
184	口	2.6429	4.1010	2.1288	2.8301	2.3127	2.1554	2.6827	2.3255	2.8555	19.9336			
104	S	179.297	173.904	159.981	147.080	164.212	176.512	156.813	144.690	164.276	161.456			
185	口	2.6464	4.1125	2.1393	2.8984		2.1648	2.6925	2.3960	3.6369	20.9202			
103	S	179.060	173.418	159.196	143.614		175.746	156.242	140.433	128.981	153.842			
186	T	4.0307	6.1844	3.1020	3.9764		3.0091	3.7637	3.4527	5.3572	30.0292		<u> </u>	
	S	117.564	115.319	109.790	104.680	113.793	126.435	111.773	97.453	87.563	107.176			
187	T	5.1854	7.6510	3.5170	4.3206		3.2983	3.8390	3.0387	4.0480	30.8441			
107	S	91.384	93.214	96.835	96.341	105.577	115.349	109.581	110.731	115.882	104.344			
188	T	5.1326	7.8056	3.8443	4.5325	3.7659	3.9408	4.8082	4.3973	6.7592	37.1808			
100	S	92.324	91.368	88.590	91.837	100.845	96.542	87.493	76.519	69.400	86.561			
189	I	6.9809	10.1965	4.4805	5.6260	•	5.1184	6.3216	4.9691	6.5034	44.8655			
109	S	67.880	69.944	76.011	73.987	78.053	74.331	66.547	67.714	72.130	71.734			
190	Т	7.2432	11.0729	5.3477	5.6007	4.2760	4.3039	4.8581	4.4722	4.8858	40.9876			
190	S	65.422	64.408	63.685	74.321	88.815	88.398	86.594	75.238	96.011	78.521			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

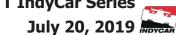
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Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	T	5.6061	8.9022	4.6979	5.8608	4.9873	4.9294	6.5356	5.1655	5.8093	43.5919)		
191	S	84.526	80.113	72.494	71.023	76.148	77.181	64.368	65.139	80.748	73.830)		
192	T	6.2552	9.3416	4.4947	5.7331	5.0052	3.8871	4.1662	3.2704	4.0312	36.8431			
192	S	75.755	76.345	75.771	72.605	75.876	97.876	100.975	102.886	116.365	87.354			
193	T	4.0650	6.2819	3.1751	4.0170	3.4012	3.1708	3.8331	3.3208	4.1707	29.1537	'		
193	S	116.572	113.530	107.262	103.622	111.658	119.987	109.750	101.324	112.473	110.394	-		
194	Т	3.8405	5.9253	2.9990	3.7839	3.0523	2.7438	3.3774	2.9405	4.0832	26.8206			
194	S	123.386	120.362	113.561	110.006	124.422	138.660	124.558	114.429	114.883	119.997	'		
195	Т	5.3585	8.8480	4.9032	5.6481	4.6550	4.7505	5.5401	4.1638	5.1571	40.1763	6		
193	S	88.432	80.604	69.458	73.697	81.584	80.087	75.934	80.810	90.960	80.107	'		
196	T	5.8261	8.8185	4.3150	5.3787	4.9100	4.8800	5.1978			58.5047	34.6317		36.6723
190	S	81.335	80.873	78.927	77.389	77.347	77.962	80.935			55.011			77.464
197	Т						3.4083	3.6735	3.0760	3.7632	37.6589		24.8596	
197	S						111.626	114.518	109.388	124.652	85.462		103.579	
198	T	3.8037	6.2756	3.6373	5.2962	5.3837	5.5768	5.7889	4.0007	5.0915	38.5788			
190	S	124.580	113.644	93.632	78.594	70.541	68.221	72.670	84.105	92.132	83.424	-		
199	Т	6.1404	8.2538	2.9587	3.5274	3.4600	3.1922	4.1447	2.6506	2.9338	29.0078			
199	S	77.171	86.406	115.107	118.005	109.761	119.183	101.499	126.944	159.892	110.949)		
200	T	2.6728	4.2943	2.3447	3.0495	2.4871	2.2962	2.6164	2.1085	2.7250	20.3002	1		
200	S	177.291	166.076	145.250	136.498	152.697	165.689	160.787	159.581	172.143	158.540			
201	T	2.6864	4.2298	2.2172	2.7118	2.2259	2.1264	2.5567	2.0983	2.6983	19.3210			
201	S	176.394	168.609	153.603	153.496	170.615	178.920	164.541	160.357	173.847	166.575	i		
202	Т	2.5973	4.0504	2.1068	2.6797	2.2184	2.1026	2.5474	2.1562	2.7193	19.1277			
202	S	182.445	176.077	161.652	155.335	171.192	180.945	165.142	156.051	172.504	168.259			
203	Т	2.5812	4.0027	2.0690	2.6238	2.1921	2.0757	2.5047	2.2033	2.7735	19.0233			
203	S	183.583	178.175	164.605		173.246	183.290	167.957	152.715	169.133	169.182			
204	Т	2.6497	4.1295					2.6371	2.2769	2.8173	19.6402			
204	S	178.837	172.704					159.524	147.779	166.504	163.868			
205	T	2.6340	4.0861	2.1119	2.7855	2.2899	2.1501	2.6600	2.2709	2.8085	19.7108			
	S	179.903	174.539	161.262	149.435	165.847	176.947	158.151	148.169	167.025	163.281			
206	Т	2.6547	4.1154				2.1326				19.4486			
200	S	178.500	173.296						153.390	168.374	165.482			
207	Т	2.6365					2.0874	2.5619		2.7371	19.1554			
	S	179.732	173.887	160.373	158.084	172.303	182.262	164.207	154.937	171.382	168.015			
208	T	2.5918				2.2046	2.0846	2.5483	2.2031	2.7659	19.1079			
200	S	182.832	177.514	163.987	158.102	172.264	182.507	165.083	152.729		168.433			
209	Т	2.6132	4.0542	2.1008	2.6986	2.2345	2.1084	2.5789	2.1910	2.7671	19.2925			
209	S	181.335	175.912	162.114	154.247	169.959	180.447	163.125	153.572	169.524	166.821			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6101	4.0437	2.1003	2.7330	2.2419	2.1083	2.5834	2.2130	2.7574	19.3474			
210	S	181.550	176.369	162.152	152.305	169.398	180.456	162.840	152.046	170.121	166.348			
211	Т	2.5948	4.0220	2.0865	2.7253	2.2511	2.1164	2.6088	2.2524	2.7912	19.4265			
211	S	182.620	177.320	163.225	152.735	168.705	179.765	161.255	149.386	168.061	165.671			
212	Т	2.6282	4.0795	2.1225	2.7487	2.2622	2.1305	2.6160	2.2154	2.7771	19.5006			
212	S	180.300	174.821	160.456	151.435	167.878	178.575	160.811	151.881	168.914	165.041			
212	Т	2.6099	4.0375	2.0916	2.7287	2.2450	2.1110	2.5966	2.2370	2.7869	19.4067			
213	S	181.564	176.639	162.827	152.545	169.164	180.225	162.013	150.415	168.320	165.840			
214	Т	2.6214	4.0730	2.1189	2.7558	2.2662	2.1181	2.5867	2.2148	2.7829	19.4648			
214	S	180.767	175.100	160.729	151.045	167.581	179.621	162.633	151.922	168.562	165.345			
215	Т	2.6239	4.0725	2.1124	2.7608	2.2725	2.1296	2.6232	2.2459	2.8027	19.5710			
215	S	180.595	175.121	161.223	150.772	167.117	178.651	160.370	149.818	167.371	164.447			
216	T	2.6229	4.0563	2.0925	2.7658	2.2692	2.1223	2.6136	2.2751	2.8160	19.5774			
210	S	180.664	175.821	162.757	150.499	167.360	179.265	160.959	147.896	166.581	164.394			
217	Т	2.6462	4.1129	2.1417	2.7741	2.2685	2.1400	2.6557	2.2308	2.7758	19.6328			
21/	S	179.073	173.401	159.018	150.049	167.411	177.782	158.407	150.833	168.993	163.930			
210	Т	2.6303	4.0979	2.1429	2.7792	2.2724	2.1333	2.6427	2.2720	2.8213	19.6941			
218	S	180.156	174.036	158.929	149.773	167.124	178.341	159.186	148.097	166.268	163.420			
219	Т	2.6529	4.1205	2.1417	2.8002	2.2823	2.1291	2.5935	2.2649	2.8045	19.6691			
219	S	178.621	173.081	159.018	148.650	166.399	178.693	162.206	148.562	167.264	163.627			
220	Т	2.6654	4.1621	2.1714	2.7947	2.3001	2.1500	2.6455	2.2605	2.8003	19.7879			
220	S	177.783	171.351	156.843	148.943	165.111	176.956	159.018	148.851	167.515	162.645			
221	T	2.6368	4.1000	2.1397	2.8006	2.2881	2.1404	2.6526	2.2621	2.8148	19.7351			
221	S	179.712	173.947	159.166	148.629	165.977	177.749	158.592	148.746	166.652	163.080			
222	T	2.6496	4.1263	2.1544	2.7964	2.2834	2.1421	2.6519	2.2663	2.8052	19.7493			
	S	178.843	172.838	158.080	148.852	166.319	177.608	158.634	148.470	167.222	162.963			
223	T	2.6434	4.1119	2.1465	2.8114	2.2862			2.2755	2.8275	19.7767			
	S	179.263	173.443		148.058				147.870		162.737			
224	I	2.6461	4.1142		2.8295		•		2.2711	2.8181	19.8237			
	S	179.080	173.346		147.111		177.219		148.156		162.351			
225	I	2.6563	4.1385		2.8029		2.1470				19.8892			
	S	178.392	172.329		148.507		177.203		144.065		161.816			
226	T	2.6653	4.1259	2.1278	2.7700	2.2860	2.1362	2.6195			19.7575			
	S	177.790	172.855		150.271	166.130				•	162.895			
227	工	2.6775	4.1524		2.7664						19.7396			
	S	176.980	171.752		150.466		178.124				163.043			
228	I	2.6625									20.0550			
	S	177.977	172.229	157.919	147.043	164.703	175.220	154.606	143.769	163.640	160.479			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
229	Т	2.7232	4.2738	2.2441	2.8313	2.3219	2.1541	2.6174	2.3438	2.8790	20.1148			
229	S	174.010	166.873	151.762	147.017	163.561	176.619	160.725	143.561	162.935	160.002			
230	Т	2.6711	4.1620	2.1715	2.7874	2.2875	2.1444	2.6713	2.2896	2.8252	19.8480			
230	S	177.404	171.356	156.835	149.333	166.021	177.418	157.482	146.959	166.038	162.152			
231	T	2.6443	4.1123	2.1409	2.8266	2.3031	2.1487	2.6416	2.2856	2.8204	19.8112			
231	S	179.202	173.427	159.077	147.262	164.896	177.063	159.253	147.216	166.321	162.454			
232	Т	2.6742	4.1844	2.1996	2.8588	2.3195	2.1619	2.6424	2.3829	2.8911	20.1304			
232	S	177.198	170.438	154.832	145.603	163.730	175.982	159.204	141.205	162.253	159.878			
233	T	2.6913	4.1925	2.1756	2.8442	2.3506	2.1715	2.6814	2.3387	2.8526	20.1059			
233	S	176.072	170.109	156.540	146.350	161.564	175.204	156.889	143.874	164.443	160.072			
234	Т	2.6909	4.2076	2.2090	2.8162	2.3191	2.1602	2.6910	2.3161	2.8687	20.0712			
234	S	176.099	169.498	154.173	147.806	163.759	176.120	156.329	145.278	163.520	160.349			
235	Т	2.6884	4.1981	2.1980	2.8677	2.3287	2.1783	2.7142	2.2885	2.8535	20.1173			
235	S	176.262	169.882	154.945	145.151	163.084	174.657	154.993	147.030	164.391	159.982			
236	T	2.6691	4.1526	2.1635	2.8236	2.3130	2.1730	2.6625	2.3047	2.8555	19.9649			
230	S	177.537	171.743	157.415	147.418	164.191	175.083	158.003	145.996	164.276	161.203			
237	T	2.6722	4.1629		2.7557	2.2850	2.1511	2.6695	2.3140	2.8683	19.8861			
237	S	177.331	171.319	156.922	151.051	166.203	176.865	157.588	145.409	163.543	161.842			
238	工	2.6805	4.1693	2.1654	2.7891	2.3022	2.1566	2.6640	2.3247	2.8787	19.9612			
236	S	176.782	171.056	157.277	149.242	164.961	176.414	157.914	144.740	162.952	161.233			
239	T	2.6739	4.1568		2.8146	2.3250	2.1804	2.6754		2.8872	20.0297			
239	S	177.218	171.570		147.890	163.343	174.488	157.241	145.309	162.473	160.681			
240	工	2.6776	4.1639		2.8030	2.3108	2.1805	2.7205	2.3893	2.9260	20.1710			
240	S	176.973	171.277	157.430	148.502	164.347	174.480	154.634	140.827	160.318	159.556			
241	ፗ	2.7073	4.2109		2.8196	2.3225	2.1822	2.6981	2.3705	2.8893	20.1778		ļ	
241	S	175.032	169.366	-	147.627	163.519	-	155.918	141.944	162.355	159.502			
242	工	2.6971	4.1989		2.8358				2.3606	2.8927	20.1924			
	S	175.694	169.850	156.525	146.784	162.832	173.533	155.480	142.539	162.164	159.387			
243	I	2.6865	4.1792	2.1694	2.8161	2.3185			2.3435	2.8671	20.1010			
	S	176.387	170.650	156.987	147.811	163.801	174.217	154.885	143.579	163.612	160.111			
244	T	2.7321	4.2876		2.8658	-		-	2.3493	2.8706	20.3377			
	S	173.443	166.336	151.142	145.247	162.379	173.209	154.023	143.224	163.412	158.248			
245	I	2.6772	4.1582	2.1561	2.8199				2.3427	2.8804	20.0553			
	S	177.000	171.512	157.956	147.612	164.304		156.754	143.628	162.856	160.476			
246	ፗ	2.7050	4.2152	2.1843	2.8417	2.3469	•	2.6930		2.8817	20.1900			
	S	175.181	169.193		146.479			156.213	143.151	162.783	159.406			
247	I	2.6841	4.1745		2.8190					2.8826	20.0844			
	S	176.545	170.842	157.306	147.659	163.042	174.416	156.190	144.429	162.732	160.244			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/S	SF to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	2.6954	4.2030	2.1899	2.8415	2.3503	2.1963	2.7106	2.3744	2.9028	20.2612			
248	S	175.805	169.684	155.518	146.490	161.585	173.225	155.199	141.710	161.599	158.845			
249	T	2.7389	4.2583	2.1932	2.8633	2.3737	2.2089	2.6830	2.3440	2.8869	20.2919			
249	S	173.012	167.480	155.284	145.374	159.992	172.237	156.795	143.548	162.489	158.605			
250	Т	2.7074	4.2210	2.1957	2.8618	2.3711	2.2043	2.7767	2.7861	3.2288	21.1319			
250	S	175.025	168.960	155.107	145.450	160.167	172.597	151.504	120.770	145.283	152.301			
251	T	2.8294	4.3863	2.2627	2.9206	2.3937	2.2308	2.7933	2.4816	2.9961	20.9082			
251	S	167.478	162.593	150.514	142.522	158.655	170.546	150.604	135.589	156.567	153.930			
252	Т	2.7611	4.3034	2.2455	3.0412	2.4864					42.7092	32.2181		23.2854
252	S	171.621	165.725	151.667	136.870	152.740					75.356	30.908		121.999
253	Т						2.4445	2.7705	2.2065	2.7908	31.4880		18.6937	
253	S						155.637	151.843	152.494	168.085	102.210		137.744	
254	T	2.6641	4.1517	2.1497	2.6279	2.2122	2.1129	2.5775	2.1272	2.7270	19.1985			
254	S	177.870	171.781	158.426	158.396	171.672	180.063	163.213	158.178	172.017	167.638			
255	T	2.6087	4.0490	2.0897	2.6231	2.2160	2.1033	2.5371	2.1378	2.7300	19.0457			
255	S	181.647	176.138	162.975	158.686	171.378	180.885	165.812	157.394	171.828	168.983			
256	T	2.6104	4.0498	2.0902	2.6324	2.2233	2.1101	2.5471	2.1343	2.7362	19.0840			
250	S	181.529	176.103	162.936	158.126	170.815	180.302	165.161	157.652	171.439	168.644			
257	T	2.6197	4.0901	2.1400	2.7260	2.2861	2.1512	2.5856	2.2152	2.7911	19.5149			
257	S	180.885	174.368	159.144	152.696	166.123	176.857	162.702	151.895	168.067	164.920			
258	T	2.6459	4.1166	2.1342	2.6631	2.2357	2.1140	2.5512	2.1799	2.7752	19.2992			
256	S	179.094	173.245	159.577	156.303	169.867	179.969	164.896	154.354	169.030	166.763			
259	LT	2.6324	4.0891	2.1144	2.6624	2.2271	2.1103	2.5740	2.2284	2.7880	19.3370			
259	S	180.012	174.410	161.071	156.344	170.523	180.285	163.435	150.995	168.254	166.437			
260	T	2.6380	4.1052	2.1328	2.6703	2.2409	2.1203	2.6037	2.1922	2.7734	19.3716			
200	S	179.630	173.726	159.681	155.881	169.473	179.434	161.571	153.488	169.139	166.140			
261	LT	2.6418	4.1202	2.1471	2.6861	2.2544	2.1319	2.7009		2.7221	19.4004			
	S	179.372	173.094	158.618	154.964	168.458	178.458	155.756	159.008	172.327	165.893			
262	L	2.6223	4.1118		2.7485	2.2762	2.1443	2.6435	2.2097	2.9212	19.7265			
	S	180.705	173.448	157.612	151.446	166.845	177.426	159.138	152.273	160.582	163.151			
263	T	3.4304	5.3879	2.8945	4.6233	4.0992	3.3122	3.4909	2.9214	3.7240	28.4959			
203	S	138.137	132.367	117.660	90.033	92.646	114.865	120.508	115.177	125.964	112.943			
264	Т	3.8348	6.1160	3.2944	4.8304	6.0544	4.6776	4.6490	4.2269	5.0403	36.6078			
204	S	123.569	116.609	103.378	86.173	62.727	81.335	90.489	79.604	93.068	87.916			
265	T	4.9856	7.8602	4.0920	6.7388	6.8807	4.4994	6.0171	4.8857	6.5245	44.6238			
203	S	95.046	90.733	83.228	61.769	55.194	84.557	69.914	68.870	71.897	72.123			
266	Т	7.5347	10.7843	4.6144	7.0444	6.4088	5.9870	5.3315	5.1119	6.5939	48.6266			
200	S	62.891	66.131	73.806	59.089	59.258	63.547	78.905	65.822	71.140	66.186			

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

Section Data for Car 19 - Ferrucci, Santino (R)

Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	6.7033	10.2047	4.9585	6.3103	6.7805	5.3459	6.0238	5.3754	7.0386	48.5363			
267	S	70.691	69.888								66.309			
260	Т	6.4713	9.6109	4.6081	5.8784	6.5969	6.0614	6.8971			64.7712	34.3164		43.2458
268	S	73.225	74.206	73.906	70.810	57.568	62.767	60.994			49.689	29.018	s i	65.690
260	Т						3.1419	4.4715	4.5213	6.8887	41.8894		29.0984	l l
269	S				T		121.091	94.081	74.420	68.096	76.831		88.491	
270	Т	8.0282	11.0736	4.4135	6.1115	6.0516	5.1009	5.8058	4.6863	7.6106	47.8084			
270	S	59.025	64.404	77.165	68.109	62.756	74.586	72.459	71.800	61.637	67.319			
271	T	7.0044	9.8921	4.2026	6.0491	5.9881	5.3583	5.5328	4.8228	6.8209	45.7790			
2/1	S	67.652	72.096	81.037	68.812	63.421	71.003	76.034	69.768	68.773	70.303			
272	T	7.9004	10.5797	3.8699	5.1678	5.3991	5.8518	4.3469	4.4928	6.0533	43.0820			
2/2	S	59.980	67.410			70.340	65.015	96.777	74.893	77.493	74.704			
273	T	6.0288	8.6612		4.9829	4.3223	3.9256		2.8801	3.0472	33.6984			
2/3	S	78.600	82.342	92.450	83.536	87.864	96.916	87.139	116.828	153.942	95.506			
274	ഥ	2.8131	4.4974			2.4349		2.9096	2.3411	2.8920	21.2997			
2/7	S	168.449	158.576			155.971					151.101			
275	ഥ	2.7256									19.6911			
2/3	S	173.857	166.608								163.444			
276	ഥ	2.6243	4.1215					+		•	19.2580	•		
	S	180.568	173.039		+						167.120			
277	ഥ	2.6175					-				19.2697			
	S	181.037	175.842								167.019			
278	L	2.6009	4.0252								18.9868		ļ	
	S	182.192	177.179			173.674		•		•	169.507		ļ	lacksquare
279	ഥ	2.5802	4.0157					 			19.0463			
	S	183.654	177.598								168.978			
280	T	2.5932	4.0118								19.0679			
	S	182.733		164.828		170.853					168.786		ļ	ļ
281	ፗ	2.5864	4.0049	·				+			18.9640		ļ	Ļ
	S	183.214	178.077								169.711			
282	I	2.5858	4.0090				-				18.9820			
	S	183.256	177.895								169.550			
283	T	2.5789	3.9932			2.1964					19.0737			
	S	183.746	178.599								168.735			
284	I	2.6178									20.0468			\vdash
<u> </u>	S	181.016									160.544			
285	I	2.7310									19.6390			
	S	173.513	168.009	155.610	150.936	167.374	179.765	162.194	151.491	169.874	163.878			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 19 - Ferrucci, Santino (R)

Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6042	4.0372	2.0866	2.7265	2.2635	2.1209	2.5603	2.1595	2.7440	19.2655			
200	S	181.961	176.653	163.217	152.668	167.781	179.384	164.310	155.813	170.951	167.055			
287	Т	2.6084	4.0690	2.1266	2.7334	2.2557	2.1172	2.6203	2.2595	2.8079	19.5290			
207	S	181.668	175.272	160.147	152.283	168.361	179.697	160.547	148.917	167.061	164.801			
288	Т	2.6414	4.0984	2.1116	2.7410	2.3181	2.1745	2.7156	2.2761	2.8094	19.7877			
200	S	179.399	174.015	161.284	151.861	163.829	174.962	154.913	147.831	166.972	162.646			
289	Т	2.6401	4.1049	2.1354	2.7671	2.2692	2.1221	2.6199	2.2801	2.8088	19.6427			
209	S	179.487	173.739	159.487	150.428	167.360	179.282	160.572	147.571	167.008	163.847			
290	Т	2.6451	4.1254	2.1503	2.7476	2.2795	2.1282	2.6243	2.2746	2.8075	19.6571			
290	S	179.148	172.876	158.382	151.496	166.604	178.768	160.302	147.928	167.085	163.727			
291	Т	2.6451	4.1167	2.1374	2.7189	2.2682	2.1331	2.6307	2.2465	2.8103	19.5902			
291	S	179.148	173.241	159.338	153.095	167.434	178.358	159.913	149.778	166.918	164.286			
292	Т	2.6354	4.0881	2.1169	2.7532	2.2784	2.1396	2.6275	2.2733	2.8221	19.6464			
292	S	179.807	174.453	160.881	151.188	166.684	177.816	160.107	148.013	166.221	163.816			
293	Т	2.6528	4.1133	2.1149	2.7560	2.2956	2.1473	2.6241	2.2632	2.8283	19.6822			
293	S	178.628	173.384	161.033	151.034	165.435	177.178	160.315	148.673	165.856	163.518			
294	Т	2.6548	4.1114	2.1165	2.7413	2.2887	2.1461	2.6212	2.2762	2.8208	19.6656			
294	S	178.493	173.464	160.911	151.844	165.934	177.277	160.492	147.824	166.297	163.656			
295	Т	2.6414	4.0881	2.1052	2.7514	2.2811	2.1346	2.6074	2.2767	2.8154	19.6132			
293	S	179.399	174.453	161.775	151.287	166.487	178.232	161.341	147.792	166.616	164.094			
296	Т	2.6474	4.1010	2.1148	2.7557	2.2901	2.1718	2.7010	2.3068	2.8734	19.8610			
290	S	178.992	173.904	161.040	151.051	165.832	175.179	155.750	145.863	163.253	162.046			
297	Т	2.6768	4.1453	2.1289	2.7246	2.2749	2.1343	2.6422	2.3337	2.8571	19.7725			
231	S	177.026	172.046	159.974	152.775	166.940	178.257	159.216	144.182	164.184	162.772			
298	Т	2.6661	4.1128	2.1091	2.7477	2.2667	2.1458	2.6677	2.3207	2.8613	19.7851			
	S	177.737	173.405	161.476		167.544	177.302		144.990	163.943	162.668			
299	Т	2.6798	4.1286			2.2470			2.3357	2.8626	19.7529			
	S	176.828	172.742	161.407	154.390	169.013	177.517	157.059	144.058	163.869	162.933			
300	Т	2.9928	4.9428	2.8946	4.9054	5.2398	4.9148	6.7091						39.7869
	S	158.335	144.287	117.656	84.855	72.478	77.410	62.703						71.400

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	6.6088	9.5841	4.3948	5.6900	4.7080	5.1623	5.8497	4.6515	4.0096	41.0747		34.2893	
1	S	71.702	74.413	77.493	73.155	80.665	73.699	71.915	72.337	116.992	78.355		75.095	
	Т	5.8337	8.5610	3.8360	5.3475	5.2005	4.2254	4.3533	3.1537	3.2241	35.1742			
2	S	81.229	83.306	88.782	77.840	73.026	90.040	96.635	106.693	145.495	91.499			
3	Т	2.8745	4.4666	2.2835	2.6488	2.2528	2.1764	2.7333	2.2079	2.7943	19.9715			
	S	164.851	159.670	149.143	157.147	168.578	174.809	153.910	152.397	167.874	161.150			
4	Т	2.6122	4.0361	2.0579	2.6034	2.2306	2.1599	2.4606	2.0359	2.7443	18.9048			
_ +	S	181.404	176.701	165.493	159.887	170.256	176.145	170.967	165.272	170.933	170.242			
5	Т	2.6213	4.0819	2.1101	2.6059	2.2377	2.1334	2.5203	2.1429	2.7672	19.1388			
	S	180.774	174.718	161.399	159.734	169.716	178.332	166.917	157.020	169.518	168.161			
6	Т	2.6290	4.0777	2.0891	2.6047	2.2335	2.1272	2.4612	2.1582	2.7811	19.0840			
6	S	180.245	174.898	163.021	159.807	170.035	178.852	170.925	155.906	168.671	168.644			
7	Т	2.6376	4.0426	2.0329	2.6062	2.2350	2.1200	2.4627	2.1888	2.7988	19.0820			
	S	179.657	176.417	167.528	159.715	169.921	179.460	170.821	153.727	167.604	168.662			
8	Т	2.6293	4.0408	2.0512	2.6292	2.2343	2.1200	2.4541	2.1443	2.7798	19.0422			
•	S	180.224	176.495	166.034	158.318	169.974	179.460	171.420	156.917	168.750	169.014			
9	Т	2.6280	4.0258	2.0208	2.6147	2.2471	2.1320	2.4534	2.1119	2.7341	18.9420			
	S	180.313	177.153	168.531	159.196	169.006	178.450	171.469	159.324	171.571	169.908			
10	Т	2.6032	3.9862	1.9971	2.5774	2.2247	2.1227	2.4689	2.1613	2.7841	18.9394			
10	S	182.031	178.913	170.531	161.500	170.707	179.231	170.392	155.683	168.489	169.931			
11	Т	2.6262	4.0281	2.0258	2.6104		2.1253	2.4617	2.1316	2.7616	18.9823			
	S	180.437	177.052	168.115	159.458	169.564	179.012	170.891	157.852	169.862	169.547			
12	Т	2.6112	4.0020		2.5885	2.2334	2.1193	2.4539	2.1457	2.7582	18.9175			
12	S	181.474	178.206	169.665	160.807	170.042	179.519	171.434	156.815	170.071	170.128			
13	Т	2.6234	4.0287	2.0325			2.1245	2.5021	2.1426	2.7564	19.0121			
	S	180.630	177.025	167.561	160.108	170.241	179.080	168.131	157.042	170.182	169.282			
14	Т	2.6346	4.0601	2.0443	2.6008		2.1266	2.5075	2.1612	2.7652	19.0809			
	S	179.862	175.656	166.594	160.047	169.488	178.903	167.769	155.690	169.641	168.671			
15	Т	2.6561	4.0980		2.6497	·	2.1512	2.5722	2.1119	2.7500	19.2301			
	S	178.406	174.032	163.162	157.093		176.857	163.549	159.324	170.579	167.363			
16	Т	2.6262	4.0462	2.0587	2.6705	-		2.8862	2.8213	4.2022	21.8318			
	S	180.437	176.260	165.429	155.870	166.977	165.971	145.756		111.630	147.418			
17	Т	4.3153	6.7406	3.4824	4.1398	3.3731	3.4192	3.9964	3.4415	4.9951	31.1628			
L-'	S	109.810	105.804	97.797	100.548		111.270	105.265	97.771	93.910	103.277			
18	Т	5.6761	8.7502	4.3511	5.0238		4.8938	5.2632	4.4808	6.1840	40.2919			
10	S	83.484	81.505	78.272	82.856	85.939	77.742	79.929	75.093	75.856	79.877			
19	Т	6.5311	9.7814	4.5610	5.1026	4.5250	4.9385	5.4537	4.0844	5.7495	40.9458			
13	S	72.555	72.912	74.670	81.576	83.928	77.038	77.137	82.381	81.588	78.601			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.9211	10.3453	4.8386	5.2462	4.2137	4.2457	5.0201	3.9988	5.7086	40.1928	1		
20	S	68.467	68.938	70.386	79.343	90.128	89.609	83.799	84.145	82.173	80.074			
21	Т	5.5816	8.5974	4.2511	4.8782	4.4534	5.2014	5.3247	3.9309	5.5675	39.1888	<u> </u>		
21	S	84.897	82.953	80.113	85.329	85.277	73.145	79.006	85.598	84.255	82.126	j		
22	Т	6.4781	9.5347	4.3342	4.9677	4.3218	4.4632	5.0200	3.9778	5.7230	39.2858	6		
	S	73.149	74.799	78.577	83.791	87.874	85.243	83.801	84.589	81.966	81.923			
23	Т	6.2291	9.2216	4.2342	4.7993	4.6876	4.9038	5.1221	4.2250	6.4935	40.6946	j		
	S	76.073	77.338	80.433	86.731	81.016	77.584	82.131	79.640	72.240	79.087	'		
24	Т	5.0933	7.8480	4.0157	4.7044	3.5331	3.6678	3.8252	2.4437	2.8805	30.1637	'		
	S	93.037	90.874	84.809	88.481	107.490	103.728	109.976	137.692	162.851	106.698	8		
25	T	2.7484	4.2626				2.0888	2.5412	2.2021	2.7749	19.3325			
	S	172.414	167.311	157.678	159.147		182.140	165.545		169.048	166.476	i		
26	┸	2.6285	4.0639	2.0810	2.6457	2.2531	2.1458		2.2250	2.8213	19.3433			
	S	180.279	175.492	163.656	157.331	168.556	177.302	165.434	151.226	166.268	166.383			
27	T	2.6471	4.0633	2.0479	2.6273	2.2456	2.1411	2.5167	2.1979	2.8092	19.2328			
	S	179.012	175.518	166.301	158.433	169.119	177.691	167.156		166.984	167.339			
28	T	2.6481	4.0520	2.0223	2.6145	2.2450	2.1389	2.5090	2.1802	2.7866	19.1446			
20	S	178.945	176.007	168.406	159.208	169.164	177.874			168.338	168.110			
29	┸	2.6488	4.0761	2.0562	2.6244				2.1876	2.8009	19.2259			
	S	178.897	174.967	165.630	158.608		177.675			167.479	167.399			
30	T	2.6440	4.0604		2.6496	-	2.1473			2.7860	19.3077			
	S	179.222	175.643	166.366			177.178			168.374	166.690			
31	LT	2.6357	4.0888		2.6364		2.1511	2.5519	+		19.2916			
<u> </u>	S	179.787	174.423	162.400	157.886	·	176.865	164.850		168.055	166.829			
32	I	2.6391	4.0406				-	-			19.1704			
	S	179.555	176.504				177.758			167.868	167.884			
33	T	2.6472	4.0927	2.0879						2.8184	19.4210			
	S	179.006	174.257	163.115						166.439	165.718			
34	Ҵ	2.6581	4.1025		2.6425			•	+	2.8298	19.4333			
<u> </u>	S	178.272	173.841	163.680	157.521	167.870		161.521		165.768	165.613			
35	፲	2.6576		2.0654						2.8309	19.4847			
	S	178.305		164.892	156.098					165.704	165.176			
36	ፗ	2.6717	4.1249							2.8258	19.5058			
	S	177.364	172.897	163.186	 	167.522	175.990		+	166.003	164.997			
37	I	2.6519		2.0956							19.4746			
	S	178.688		-		-	-				165.261			
38	፲	2.6416								2.8237	19.6862			
	S	179.385	173.972	160.676	152.383	165.782	175.042	157.606	150.468	166.126	163.485			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	2.6656	4.1192	2.1103	2.6819	2.2616	2.1605	2.5886	2.2000	2.8228	19.4913			
39	S	177.770	173.136	161.384	155.207	167.922	176.096	162.513	152.944	166.179	165.120			
40	Т	2.6672	4.1320	2.1216	2.7559	2.2976	2.1658	2.6443	2.2482	2.8281	19.7287			
40	S	177.663	172.600	160.524	151.040	165.291	175.665	159.090	149.665	165.868	163.133			
41	Т	2.6665	4.1308	2.1301	2.7617	2.3000	2.1745	2.6630	2.2754	2.8236	19.7948			
41	S	177.710	172.650	159.884	150.722	165.119	174.962	157.973	147.876	166.132	162.588			
42	T	2.6577	4.1067	2.0974	2.7352	2.3103	2.1896	2.6475	2.2299	2.8490	19.7166			
42	S	178.298	173.663	162.376	152.183	164.382	173.755	158.898	150.893	164.651	163.233			
43	Т	2.6719	4.1272	2.1213	2.7709	2.2951	2.1768	2.6749	2.2539	2.8412	19.8060			
43	S	177.351	172.800	160.547	150.222	165.471	174.777	157.270	149.287	165.103	162.496			
44	Т	2.6641	4.1401	2.1458	2.7625	2.2992	2.1855	2.6982	2.2739	2.8573	19.8865			
	S	177.870	172.262	158.714	150.679	165.176	174.081	155.912	147.974	164.173	161.838			
45	Т	2.6775	4.1581	2.1522	2.7391	2.2705	2.1728	2.6876	2.2847	2.8430	19.8274			
45	S	176.980	171.516	158.242	151.966	167.264	175.099	156.527	147.274	164.999	162.321			
46	Т	2.6969	4.1722	2.1354	2.7531	2.2946	2.1969	2.6968	2.2895	2.8530	19.9162			
40	S	175.707	170.937	159.487	151.193	165.507	173.178	155.993	146.965	164.420	161.597			
47	T	2.6737	4.1307	2.1046	2.7066	2.2654	2.2092	2.6871	2.3109	2.8602	19.8177			
,	S	177.231	172.654	161.821	153.791	167.640	172.214		145.604	164.006	162.400			
48	I	2.7281	4.1914	2.1129	2.7576	·		2.7181	2.2930	2.7994	20.1077			
40	S	173.697	170.154		150.946	158.113	165.653		146.741	167.568	160.058			
49	I	2.6814	4.2322	2.2593	2.7942			2.7395	2.3966	2.8747	20.2122			
	S	176.722	168.513	150.741	148.969			-	140.398	163.179	159.231			
50	I	2.7156	4.2090					2.8475		2.9361	20.3839			
	S	174.497	169.442	156.641	149.968		-		142.226	159.767	157.889			
51	ፗ	2.6949	4.1664					3.0942	2.9973	4.1180	22.3857			\perp
	S	175.837	171.175		153.796				112.260	113.912	143.770			
52	T	4.3137	6.7467	3.5558	4.8212				3.8863	5.1443	34.7981			
	S	109.851	105.708	95.778	86.337	90.004		88.836	86.580	91.187	92.488			
53	Т	5.8335	9.0598	4.5628	5.5746		•	5.8653	4.3969	6.2688	43.2542			
	S	81.231	78.719	74.640	74.669	·	68.812	71.724	76.526	74.829	74.407			
54	T	6.5326	9.8345	4.6563	5.3900		5.2751	5.6650	4.5759	6.3483	43.4232			
	S	72.538	72.518	73.141	77.226		72.123	74.260	73.532	73.892	74.117			
55	I	6.6000	9.9463	4.7334	5.5815		5.5333	6.6588			51.2159			42.0213
	S	71.798	71.703	71.950	74.577	74.916	68.757	63.177			62.840	0.604		67.604
56	그						4.9462	5.5747	4.1864	5.7944	1671.3916		33.0196	
	S		0.05.77	1.05		4 = 0 :-	76.919		80.374	80.956	1.926		77.982	
57	T	6.0084	9.0269	4.2583	5.0460			5.3321	4.2171	5.5245	39.9310			
	S	78.867	79.006	79.977	82.491	79.369	79.932	78.896	79.789	84.911	80.599			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: **Session: Race**

July 20, 2019 INDYCAR

TAG

Section Data for Car 2 - Newgarden, Josef

Lap	T/S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	6.0417	9.0124	4.3177	5.3631	4.7229	4.9052	5.3618			43.6758	30.1299		36.0974
38	S	78.432	79.133	78.877	77.614	80.411	77.561	78.459			73.688	33.050		78.698
59	T						3.4928	3.8074	3.0728	3.8711	47.3050		24.7535	
29	S						108.925	110.491	109.502	121.178	68.035		104.023	
60	Т	3.6574	5.6683	2.8794	3.5930	3.2569	3.6610	4.8254	4.1572	5.7375	31.7678			
00	S	129.563	125.819	118.277	115.850	116.606	103.921	87.181	80.938	81.759	101.310			
61	Т	6.2571	9.2392	4.1597	5.3489	5.1976	4.8607	4.4723	4.1491	5.3264	39.7718			
61	S	75.732	77.191	81.873	77.820	73.067	78.272	94.064	81.096	88.069	80.922			
62	Т	5.7289	8.4433	3.8373	5.0249	4.3456	4.3848	5.1334	3.7479	5.4180	37.6208			
02	S	82.715	84.467	88.752	82.837	87.392	86.767	81.950	89.778	86.580	85.548			
63	Т	5.3387	8.3451	4.3555	5.7034	5.2489	5.0675	5.1486	4.2698	5.7828	40.9152			
03	S	88.760	85.461	78.193	72.983	72.353	75.077	81.708	78.804	81.118	78.660			
64	Т	6.3048	9.4362	4.3643	5.0151	4.9219	4.8020	5.1635	3.9529	5.3463	39.8708			
04	S	75.159	75.579	78.035	82.999	77.160	79.228	81.472	85.122	87.741	80.721			
65	Т	5.6442	8.8862	4.6866	5.4210	4.7564	4.8077	5.4430	3.4026	3.2684	37.4299			
05	S	83.956	80.257	72.668	76.785	79.845	79.134	77.289	98.888	143.523	85.985			
66	T	2.7953	4.2220	2.0478	2.5521	2.2137	2.1085	2.3935	2.0708	2.7051	18.8868			
00	S	169.522	168.920	166.309	163.101	171.556	180.438	175.760	162.487	173.410	170.405			
67	T	2.6017	4.0094	2.0329	2.5927	2.2305	2.1299	2.5047	2.0997	2.7040	18.8961			
07	S	182.136	177.877	167.528	160.547	170.263	178.626	167.957	160.250	173.480	170.321			
68	T	2.5853	3.9671	1.9889	2.5202		2.1216	2.4799		2.7098	18.6786			
	S	183.292	179.774	171.234	165.165		179.324		162.166	173.109	172.304			
69	口	2.6147	4.0150		2.5496		2.1319		2.0974	2.7318	18.8138			
	S	181.231	177.629	168.907	163.261	171.835	178.458	170.870	160.426	171.715	171.066			
70	ഥ	2.6353	4.0362	2.0154	2.5743	2.2305	2.1307	2.4872	2.1105	2.7457	18.9296			
	S	179.814	176.696	168.983	161.694		178.558	169.139		170.846	170.019			
71	L	2.5941	3.9541	1.9564	2.5055					2.7224	18.6544			
/-	S	182.670	180.365	174.079	166.135		179.765	168.955	161.791	172.308	172.528			
72	ഥ	2.6015	3.9946	2.0013	2.5423	+	2.0984			2.6834	18.6297	ļ		
	S	182.150	178.536	170.173	163.730		181.307	172.722	163.299	174.812	172.756			
73	I	2.5759	3.9647	2.0126	2.6033		-	2.5477	2.1134	2.7131	18.9018			
	S	183.960	179.883	169.218	159.893		179.189	165.122	159.211	172.898	170.269			
74	ᄪ	2.5981	3.9742	1.9914	2.5660		2.0932	2.4891	2.0904	2.7061	18.7226			
ļ.,	S	182.389	179.453	171.019	162.217		181.757	169.010	160.963	173.346	171.899			
75	ᄪ	2.5850	3.9617	1.9951	2.5557		2.1072	2.5189		2.7377	18.8333			
<u> </u>	S	183.313	180.019	170.702	162.871	173.199				171.345	170.889			
76	ഥ	2.6124	4.0239	2.0469	2.6065						18.9922			
	S	181.390	177.236	166.382	159.697	171.439	179.756	165.206	158.089	172.466	169.459			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

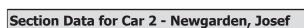
Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	2.5989	4.0130	2.0475	2.6178	2.2151	2.1237	2.5601	2.1734	2.7657	19.1022			
77	S	182.332	177.718	166.334	159.008	171.447	179.147	164.322	154.816	169.610	168.483			
78	Т	2.6172	4.0085	2.0184	2.6309	2.2296	2.1288	2.5388	2.1596	2.7735	19.0968			
/8	S	181.057	177.917	168.732	158.216	170.332	178.718	165.701	155.805	169.133	168.531			
79	Т	2.6257	4.0420	2.0390	2.6008	2.2339	2.1040	2.5564	2.2528	2.8169	19.2295			
/9	S	180.471	176.443	167.027	160.047	170.004	180.824	164.560	149.360	166.527	167.368			
80	Т	2.6325	4.0201	2.0174	2.6423	2.2273	2.1183	2.5655	2.2262	2.7990	19.2285			
80	S	180.005	177.404	168.815	157.533	170.508	179.604	163.977	151.144	167.592	167.377	1		
81	Т	2.6300	4.0424	2.0603	2.7162	2.2698	2.1641	2.5802	2.2079	2.7973	19.4258			
01	S	180.176	176.425	165.300	153.247	167.316	175.803	163.042	152.397	167.694	165.677	1		
82	Т	2.6318	4.0555	2.0671	2.6523	2.2383	2.1296	2.5840	2.2042	2.8011	19.3084			
02	S	180.053	175.855	164.757	156.939	169.670	178.651	162.803	152.653	167.467	166.684			
83	T	2.6386	4.0413	2.0253	2.6334	2.2547	2.1518	2.5910	2.2626	2.8457	19.4031			
65	S	179.589	176.473	168.157	158.066	168.436	176.808	162.363	148.713	164.842	165.870			
84	Т	2.6558	4.0719	2.0526	2.6622	2.2523	2.1550	2.6143	2.2333	2.8078	19.4333			
04	S	178.426	175.147	165.920	156.356	168.616	176.545	160.916	150.664	167.067	165.613			
85	Т	2.6249	4.0088	2.0199	2.6521	2.2351	2.1519	2.6385	2.2644	2.8219	19.4087	1		
65	S	180.526	177.904	168.606	156.951	169.913	176.799	159.440	148.594	166.232	165.823			
86	T	2.6332	4.0455		2.6882	2.2518	2.1774	2.6383	2.2080	2.8019	19.4558			
	S	179.957	176.290	165.565	154.843	168.653	174.729	159.452	152.390	167.419	165.421			
87	T	2.6459	-		-		2.1404		2.3060	2.8576	19.5974			
	S	179.094	173.883	161.644		170.554			145.914	164.156	164.226			
88	T	2.6521	4.0764		2.5932	2.2371	2.1475			2.8179	19.3124			
	S	178.675	174.954	•					151.287	166.468	166.649			
89	T	2.6347	4.0551	2.0537	2.6117	2.2607	2.1930		2.2187	2.8118	19.4482			
	S	179.855	175.873	165.832	159.379				151.655	166.829	165.486			
90	T	2.7198		2.2114						2.8322	19.9249			
	S	174.227	167.488			164.532	173.613		147.714	165.628	161.527			
91	T	2.6433		•			2.1749	+	2.2657	2.8374	19.4931		 	
<u> </u>	S	179.270	176.845	170.199		166.152	174.930		148.509	165.324	165.105			
92	T	2.6571	4.1038			2.2797	2.1744			2.8333	19.7125			
<u> </u>	S	178.339	173.786		151.446				148.594	165.563	163.267			
93	I	2.6450							2.2461	2.8201	19.6357			1
	S	179.154			153.281	166.596				166.338	163.906		 	
94	工	2.6363				2.2765		2.6887	2.2721	2.8438	19.7156			
<u> </u>	S	179.746	175.238						148.091	164.952	163.241			
95	T	2.6549		2.1037	2.7380					2.8748	19.7536			
	S	178.486	173.858	161.890	152.027	167.478	173.581	160.480	146.205	163.173	162.927			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR

TAG



Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.6797	4.1520	2.1303	2.7768	2.2941	2.2084	2.7043	2.3051	2.8491	19.9478			
30	S	176.835	171.768	159.869	149.903	165.543	172.276	155.560	145.971	164.645	161.341			
97	Т	2.6591	4.1118	2.1091	2.7599	2.2791	2.2185	2.6944	2.3036	2.8347	19.8584			
97	S	178.205	173.448	161.476	150.821	166.633	171.492	156.132	146.066	165.482	162.067			
98	Т	2.6881	4.1559	2.1107	2.7084	2.2789	2.2041	2.6928	2.3200	2.8830	19.8860			
96	S	176.282	171.607	161.353	153.689	166.647	172.612	156.225	145.033	162.709	161.843			
99	Т	2.6903	4.1559	2.1194	2.7350	2.3044	2.2283	2.7132	2.2677	2.8095	19.8678			
99	S	176.138	171.607	160.691	152.194	164.803	170.738	155.050	148.378	166.966	161.991			
100	Т	2.7030	4.2366	2.2082	2.7184	2.2704	2.2258	2.7230	2.2955	2.8592	20.0035			
100	S	175.310	168.338	154.229	153.123	167.271	170.929	154.492	146.581	164.064	160.892			
101	T	2.6759	4.1275	2.1030			2.1675	2.6355	2.2751	2.8378	19.7344			
101	S	177.086	172.788	161.944	151.816	165.277	175.527	159.621	147.896	165.301	163.086			
102	T	2.6419	4.0522	2.0629	2.7495	2.2846	2.1655	2.6546	2.2587	2.8232	19.6409			
102	S	179.365	175.999	165.092	151.391	166.232	175.689	158.473	148.969	166.156	163.862			
103	T	2.6465	4.0754	2.0811	2.7095	2.2630	2.1587	2.6609	2.2489	2.8076	19.5762			
103	S	179.053	174.997	163.648	153.626	167.818	176.242	158.098	149.619	167.079	164.404			
104	T	2.6234	4.0210	2.0202	2.6590	2.2770	2.2070	2.6187	2.2330	2.8409	19.4792			
104	S	180.630	177.364	168.581	156.544			160.645	150.684	165.121	165.222			
105	工	2.6333		2.0132				2.6232	·	2.9169	19.5237			
103	S	179.950	177.214	169.168	158.132	168.444				160.818	164.846			
106	T	2.6688	4.0791	2.0472	2.6883	2.2628	2.1850	2.7051	2.2697	2.8250	19.6519			
100	S	177.557		166.358				155.514		166.050	163.770			
107	LT	2.6393		2.0291	2.7127	2.2921	2.2407	2.7276			19.7583			
107	S	179.541	176.561	167.842	153.445	165.688		154.231		166.168	162.889			
108	ፗ	2.6283	-		-	2.2820	2.2614	-			19.8334			
100	S	180.293		166.277	154.717	166.421	168.239				162.272			
109	ፗ	2.6653		2.0667	2.7308		2.1739				20.0145			
	S	177.790		164.788			175.010				160.803			
110	Ҵ	2.7080		2.0789	•				·	2.8852	20.0953			
	S	174.987	172.404	163.821	149.515		172.989	153.137		162.585	160.157			
111	I	2.6810		2.1014				2.7352			20.1406			
	S	176.749		162.067	146.433	163.872	170.592	153.803		-	159.797			
112	Ҵ	2.7108						2.7985		2.8554	20.2238			
	S	174.806		159.449		162.651	169.535	150.324		164.282	159.139			
113	ፗ	2.6752		2.1415		2.3360	•				20.3164			
	S	177.132	-	159.033			-		-		158.414			
114	ፗ	2.7526				i								
	S	172.151	168.140	158.132	148.380	163.596	170.264	152.731	141.341	159.452	158.196			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR



Section Data Report

Report:

Lap			SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.7180	4.2013				2.2897	2.8648	2.3407	2.9546	20.3964	1		
115	S	174.343	-		150.217	-	-			158.766	157.793			
	Т	2.7645	-	-	2.9132	-	-			2.9890	20.8855			1
116	S	171.410	165.326	152.339	142.884	161.050	167.801	146.197	135.660	156.939	154.097	7		
447	T	2.7496	4.2739	2.2101	2.8872	2.3674	2.3125	2.8291	2.3802	2.9451	20.6812		T T	
117	S	172.339	166.869	154.096	144.171	160.418	164.521	148.698	141.365	159.278	155.620)		
110	Т	2.7669	4.2912	2.2022	2.8699	2.3715	2.3093	2.8525	2.4198	2.9584	20.7505	5		
118	S	171.262	166.196	154.649	145.040	160.140	164.749	147.478	139.052	158.562	155.100)		
119	Т	2.7613	4.2974	2.2253	2.9248	2.3500	2.3047	2.9217	2.4604	2.9618	20.9100			
119	S	171.609	165.957	153.044	142.317	161.605	165.078	143.985	136.757	158.380	153.917	7		
120	Т	2.7629	4.3231	2.2613	2.9064	2.3568	2.3325	2.8643	2.4059	2.9471	20.8372			
120	S	171.510	164.970	150.607	143.218	161.139	163.110	146.871	139.855	159.170	154.455			
121	Т	2.7622	4.3026	2.2297	2.9155	2.3824	2.2638	2.7933	2.3205	2.8671	20.5345	5		
121	S	171.553	165.756	152.742	142.771	159.408	168.060	150.604	145.002	163.612	156.731			
122	Т	2.7277	4.2665	2.2289	2.8394	2.3389	2.2360	2.7605	2.4397	2.9900	20.5611			
122	S	173.723	167.159	152.797	146.598	162.372	170.150	152.393	137.917	156.887	156.529			
123	Т	2.7315	4.2114	2.1421	2.7660	2.3225	2.2497	2.7772	2.3811	2.9492	20.3193	3		
123	S	173.481	169.346		150.488	163.519	169.113	151.477	141.312	159.057	158.391			
124	Т	2.7286	4.2182	2.1437	2.7342		2.2523	2.7864	2.3718	2.9245	20.2383	3		
124	S	173.665	169.073	158.869	152.238	165.349	168.918	150.977	141.866	160.400	159.025	5		
125	Т	2.7177					2.3070				20.4837	7		
125	S	174.362	169.886	159.338	149.188	163.745			139.565	160.725	157.120			
126	T	2.7337	4.2267	2.1573	2.8406	2.3528	2.3582	2.9092	2.4033	2.9267	20.6818	3		
120	S	173.341	168.733	·	146.536	161.413	161.333	144.604	140.006	160.280	155.615	5		
127	工	2.7655	-		-	-					20.6186			
12/	S	171.348			148.948						156.092	2		
128	T	2.7606									20.9260			
120	S	171.652			148.852						153.799			
129	T	2.7313		·	2.7783				·		20.3553			
	S	173.494			149.822	164.989					158.111			
130	T	2.7193			2.7749						20.3466			
130	S	174.259									158.179		1	
131	Т	2.7008			3.0435						20.9048			
131	S	175.453			136.767	155.390	165.408	147.272		158.034	153.955			
132	Т	2.7717			2.8006	2.3529	2.2370	2.8276	2.3771	2.8616	20.4217			
132	S	170.965	165.883	155.284	148.629	161.406	170.074	148.777	141.549	163.926	157.597	7		
133	Т	2.7331	4.2139	2.1473	2.7902	2.3299	2.3186	2.9010	2.3760	2.9429	20.5390			
133	S	173.380	169.245	158.603	149.183	163.000	164.088	145.013	141.615	159.398	156.697	7		

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session: Race**

Section Data for Car 2 - Newgarden, Josef

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
134	Т	2.7095	4.1685	2.1137	2.7796	2.3484	2.2189	2.6905	2.3657	2.9380	20.1643			
134	S	174.890	171.088	161.124	149.752	161.716	171.461	156.358	142.232	159.663	159.609			
135	Т	2.6797	4.1002	2.0673	2.8300	2.3747	2.2324	2.7665	2.3501	2.8648	20.1655			
135	S	176.835	173.938	164.741	147.085	159.925	170.424	152.063	143.176	163.743	159.599			
136	Т	2.6605	4.0938	2.0854	2.8561	2.3784	2.2600	2.7658	2.3684	2.9228	20.2974			
130	S	178.111	174.210	163.311	145.741	159.676	168.343	152.101	142.069	160.494	158.562			
137	Т	2.6646	4.1023	2.0975	2.8338	2.3467	2.3255	2.9157		2.9186	20.5236	5		
137	S	177.837	173.849	162.369	146.888	161.833	163.601	144.282	138.971	160.725	156.815	i		
138	Т	2.7135	4.2198	2.1936	3.0059	2.4081	2.2526	2.8159	2.4065	2.9145	20.7106			
136	S	174.632	169.008	155.255	138.478	157.706	168.896	149.395	139.820	160.951	155.399			
139	Т	2.7297	4.2224	2.1544			2.2279			2.9263	20.3073			
139	S	173.596		158.080				155.250	142.732	160.302	158.485	i		
140	T	2.6881	4.1405	2.1033	2.7880	2.3279	2.2432	2.7796	2.3788	2.9249	20.2338	3		
140	S	176.282	172.245	161.921	149.301	163.140	169.603	151.346	141.448	160.378	159.061			
141	T	2.6980	4.1813	2.1611	2.9421	2.4702					30.5428	30.9419		22.9639
171	S	175.635	170.565	157.590	141.481	153.742					105.373	32.183		123.707
142	T						2.4411	2.7292	2.2120	2.7932	41.9320		18.5690	
142	S						155.854	154.141	152.114		76.753		138.669	
143	T	2.6432	4.0379	2.0255	2.6112	·		2.4680	2.1175	2.7557	18.9864			
143	S	179.276		168.140			178.626	170.455	158.903	170.226	169.511			
144	T	2.5955	3.9361	1.9362	2.5338		2.0993	2.4191	2.0820	2.7193	18.5864			
177	S	182.571	181.190	175.895	164.279						173.159			
145	I	2.5892		2.0211	2.5988			2.4975	2.1385	2.7704	18.9880			
145	S	183.015		168.506	•					•	169.497	-		
146	工	2.6137		2.0321	2.6323			2.5487		2.7856				
1.0	S	181.300	-	167.594		168.870	174.585			168.399	167.597			
147	Т	2.6239		2.0843							19.5161			
	S	180.595		163.397	153.996		171.918				164.910			
148	T	2.6861	4.1811	2.1608				+	+		19.6153	-		
<u> </u>	S	176.413		157.612			170.485	160.608		167.874	164.076			
149	T	2.6271	4.0537	2.0678				2.6064			19.3214			
L	S	180.375		164.701	155.899	169.723	169.159				166.572			
150	T	2.6721		2.1533			2.2166				19.4403			
	S	177.338		158.161	156.156		171.639	163.093		169.973	165.553			
151	Т	2.6378		2.0621	2.6052	2.2195		2.5682			19.0694			
	S	179.644		165.156		171.107	177.145				168.773			
152	Т	2.6154	i	i —						2.7675	18.9382			
	S	181.182	177.869	168.991	159.777	170.088	180.739	171.756	156.669	169.500	169.942	1		

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Report:

Section Data for Car 2 - Newgarden, Josef

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	2.6059	3.9770	2.0060	2.6520	2.2239	2.1057	2.4795	2.1641	2.7853	19.0224			
153	S	181.843	179.327	169.775	156.957	170.769	180.678	169.664	155.481	168.417	169.190			
154	Т	2.6189	3.9951	2.0080	2.6470	2.2256	2.1039	2.5343	2.1925	2.8041	19.1343			
154	S	180.940	178.514	169.606	157.253	170.638	180.833	165.995	153.467	167.288	168.201			
155	Т	2.6329	4.0201	2.0220	2.6360	2.2433	2.1336	2.5900	2.2393	2.8067	19.3038			
155	S	179.978	177.404	168.431	157.910	169.292	178.316	162.425	150.260	167.133	166.724			
156	T	2.6160	4.0068	2.0336	2.7442	2.2692	2.1589	2.6534	2.2607	2.8135	19.5495			
130	S	181.141	177.993	167.471	151.684	167.360	176.226	158.544	148.838	166.729	164.628			
157	Т	2.6150	4.0312	2.0659	2.7838	2.3022	2.1761	2.6889	2.3200	2.8649	19.8168			
157	S	181.210	176.916	164.852	149.526	164.961	174.833	156.451	145.033	163.737	162.408			
158	Т	2.6398	4.0411	2.0310	2.6891	2.2751	2.1828	2.6693	2.2357	2.8229	19.5457			
136	S	179.507	176.482	167.685	154.792	166.926	174.297	157.600	150.502	166.173	164.660			
159	Т	2.6911	4.1514	2.1294	2.8861	2.3667	2.2130	2.6483	2.1959	2.7956	19.9261			
139	S	176.085	171.793	159.936	144.226	160.465	171.918	158.850	153.230	167.796	161.517			
160	Т	2.6633	4.1221	2.1061	2.6697	2.2333	2.2415	2.6796	2.2720	2.8452	19.7107			
100	S	177.923	173.014	161.706	155.916	170.050	169.732	156.994	148.097	164.871	163.282			
161	Т	2.6280	4.0375	2.0519	2.7284	2.3425	2.1738	2.5478	2.2911	2.8695	19.6330			
101	S	180.313	176.639	165.977	152.562	162.123	175.018	165.116	146.863	163.475	163.928			
162	T	2.6556	4.0575					2.5846	2.2233	2.8258	19.3867			
102	S	178.439	175.769	167.735	156.238	167.789	177.832	162.765	151.341	166.003	166.011			
163	Т	2.6260	4.0070		2.7359		2.1661	2.6151	2.2468	2.8343	19.5308			
103	S	180.451	177.984	169.682	152.144	165.154	175.640	160.866	149.758	165.505	164.786			
164	I	2.6241	3.9984	2.0030	2.7606	2.2939	2.1640	2.6341	2.3356	2.8683	19.6836			
104	S	180.581	178.367	170.029	150.782	165.558		159.706	144.065	163.543	163.507			
165	ፗ	2.6360	4.0311	2.0361	2.7830	2.3140	2.2432	2.7647	2.2566	2.8353	19.8689			
103	S	179.766	176.920	167.265	149.569			152.162	149.108	165.447	161.982			
166	I	2.6342	4.0843	2.1176		2.3937	-		2.2827	2.8222	20.1370			
100	S	179.889	174.615		147.706	158.655	165.934			166.215	159.825			
167	ᄑ	2.6161	4.0123	+	•	+		2.6330		2.8278	19.5775			
107	S	181.134	177.749		150.434		175.317	159.773	150.314	165.885	164.393			
168	ፗ	2.6530	4.0772	2.0781	2.7492	2.2796			2.2553	2.8531	19.6891			
100	S	178.614	174.920	163.884	151.408	166.596	175.139			164.414	163.461			
169	I	2.6411	4.0454		2.6998		2.1660			2.8126	19.4826			
105	S	179.419	176.295			+				166.782	165.194			
170	ፗ	2.6289	4.0404		2.7802	2.2868		2.6083	2.2296	2.8278	19.5826			
1,0	S	180.252	176.513	165.188			176.193			165.885	164.350			
171	T	2.6236				2.2765				2.7939	19.5902			
	S	180.616	177.789	167.883	152.322	166.823	173.779	155.239	150.502	167.898	164.286			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

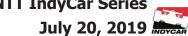
Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6088	4.0065	2.0377	2.7887	2.3075	2.1817	2.6886	2.2760	2.8193	19.7083			
172	S	181.640	178.006	167.134	149.263	164.582	174.384	156.469	147.837	166.386	163.302			
172	Т	2.6456	4.0908	2.1029	2.8030	2.3209	2.1859	2.6725	2.2432	2.8125	19.7865			
173	S	179.114	174.338	161.952	148.502	163.632	174.049	157.411	149.999	166.788	162.656			
174	T	2.6285	4.0536	2.0772	2.8354	2.3198	2.1770	2.6522	2.3133	2.8766	19.8800			
1/4	S	180.279	175.938	163.955	146.805	163.709	174.761	158.616	145.453	163.071	161.891			
175	Т	2.6595	4.0764	2.0689	2.7876	2.2873	2.1959	2.6790	2.2416	2.8267	19.7465			
1/5	S	178.178	174.954	164.613	149.322	166.035	173.257	157.029	150.106	165.950	162.986			
176	Т	2.6648	4.1339	2.1368	2.7860		2.2022	2.6836	2.2970	2.8359	19.9010			
170	S	177.823	172.520	159.382	149.408	165.500	172.761	156.760	146.486	165.412	161.721			
177	Т	2.6478	4.0871	2.1009	2.7683	2.2813	2.2036	2.7289	2.3244	2.8483	19.9035			
1//	S	178.965	174.496	162.106	150.363	166.472	172.651	154.158	144.759	164.692	161.700			
178	Т	2.6584	4.1212	2.1214	2.7611	2.3078	2.2506	2.7283	2.2960	2.8213	19.9449			
178	S	178.251	173.052	160.539	150.755		169.046	154.192	146.549	166.268	161.365			
179	Т	2.6513	4.1000	2.1143	2.8529	2.3194	2.2131	2.7420	2.3254	2.8516	20.0700			
1/3	S	178.729	173.947	161.078	145.904	163.737	171.910	153.422	144.697	164.501	160.359			
180	T	2.6687	4.1639	2.1711	2.8293	2.3736	2.2218	2.7097	2.3098	2.8655	20.1495			
100	S	177.563	171.277	156.864	147.121	159.999	171.237	155.250	145.674	163.703	159.726			
181	口	2.6509	4.1093	2.1206	2.7879	2.3207	2.1862	2.7105	2.3365	2.8875	20.0008			
101	S	178.756	173.553	160.600	149.306	163.646	174.025	155.205	144.009	162.456	160.914			
182	I	2.6390	4.0630	-	2.8039		2.2107	2.6962	2.3743	2.9817	20.1000			
102	S	179.562	175.531	163.766	148.454		172.097	156.028	141.716	157.323	160.119			
183	LT	2.6661	4.0906		2.8497		2.2165	2.7187	2.3215	2.9121	20.0938			
103	S	177.737	174.347	163.413	146.068		171.647	154.736	144.940	161.083	160.169			
184	工	2.6598	4.0958		2.8560		2.2124	2.7637	2.3633	2.9432	20.2106			
101	S	178.158	174.125	162.384	145.746		171.965	152.217	142.376	159.381	159.243			
185	LT	2.6679	4.1070		2.9152		2.2133	2.7546		2.8571	20.2003			
	S	177.617	173.650		142.786		171.895	152.720	143.536	164.184	159.324			
186	I	2.6528	4.1065		2.8680		2.2168	2.7398	2.3479	2.8916	20.1685			
	S	178.628	173.671	160.411	145.136		171.623	153.545	143.310	162.225	159.576			
187	Т	2.7040	4.2057	2.1905	3.1620	3.2384	3.3685	4.0849	3.3718	4.4158	26.5359			
	S	175.245	169.575	155.475	131.641	117.272	112.945	102.985	99.792	106.230	121.285			
188	T	4.5254	6.7749	3.1899	4.4004		4.2899	4.7742	3.8143	4.9518	34.6919			
	S	104.712	105.268	106.765	94.594		88.686	88.116	88.215	94.731	92.771			
189	I	4.8231	7.3241	3.5770	4.4140		4.8144	5.5634	4.5317	6.7238	38.5864		<u> </u>	
	S	98.249	97.375	95.211	94.302	91.755	79.024	75.616	74.250	69.766	83.408			
190	T	6.8361	10.2503	4.8124	5.6650		5.2550	5.7709	4.4468	6.5529	44.6802			
	S	69.318	69.577	70.769	73.477	71.104	72.399	72.897	75.667	71.585	72.032			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	6.5181	9.8235	4.6479	5.3613	4.9115	5.2738	5.1456			45.2295	30.9973		37.6517
191	S	72.700	72.600	73.274	77.640	77.323	72.140	81.756			71.157	32.125		75.449
102	Т						3.7181	4.9215	4.3995	5.9308	53.1379		29.7184	
192	S						102.325	85.478	76.481	79.094	60.567		86.645	
193	Т	6.0922	8.8331	3.9149	5.0860	5.3087	4.4911	4.0166	3.4906	4.5749	36.9750			
193	S	77.782	80.740	86.993	81.842	71.538	84.713	104.736	96.395	102.536	87.043			
194	Т	4.4386	6.9597	3.6435	4.6697	4.4667	4.7239	5.0188	4.3437	6.2729	37.5778			
194	S	106.760	102.473	93.473	89.138	85.023	80.538	83.821	77.463	74.781	85.646			
195	Т	6.4637	9.5866	4.3861	5.3697	4.8901	5.0720	5.3048	4.4149	6.0885	41.9898			
193	S	73.312	74.394	77.647	77.518	77.662	75.011	79.302	76.214	77.045	76.647			
196	Т	6.2045	9.3212	4.3895	5.4487	5.2608	5.5589	5.7333	4.6605	6.4260	43.6822			
190	S	76.374	76.512	77.587	76.394	72.189	68.441	73.375	72.198	72.999	73.678			
197	T	6.8932	10.2526	4.7579	5.9155	5.4426	5.3763	5.8688	4.7620	6.4903	45.5066			
197	S	68.744	69.561	71.580	70.366	69.778	70.765	71.681	70.659	72.276	70.724			
198	Т	6.1838	9.2087	4.2857	5.3644	5.0804	5.0290	5.3700	4.4964	5.6303	41.4400			
196	S	76.630	77.447	79.466	77.595	74.753	75.652	78.339	74.833	83.315	77.664			
199	Т	6.1485	9.3627	4.5976	5.5139	4.9183	4.9889	5.5364	4.0506	3.5990	39.3532			
199	S	77.070	76.173	74.075	75.491	77.216	76.260	75.985	83.069	130.339	81.782			
200	T	2.9330	4.4057	2.1057	2.5819	2.2212	2.1176	2.4406	2.0719	2.7185	19.1904			
200	S	161.563	161.877	161.736	161.218	170.976	179.663	172.368	162.400	172.555	167.709			
201	T	2.5921	3.9711	1.9913	2.5026		2.0773	2.3720	2.0505	2.7045	18.4654			
201	S	182.811	179.593	171.028	166.327			177.353	164.095	173.448	174.294			
202	LI	2.5794	3.9015	1.9049	2.4403		2.0587	2.3386	1.9951	2.6515	18.1160			
202	S	183.711	182.797	178.785	170.573	176.844	184.803	179.886	168.652	176.915	177.655			
203	LI	2.5999	3.9812	1.9845	2.5399	2.1999	2.0971	2.4137	2.0882	2.7220	18.6452			
203	S	182.262	179.137	171.614	163.884		181.419	174.289	161.133	172.333	172.613			
204	LT	2.5926	3.9806		2.5418					2.7219	18.7028			
207	S	182.775	179.164	170.600	163.762		180.396	172.030	160.955	172.340	172.081			
205	LT	2.6051	3.9865		2.5535			2.4673	2.1133	2.7558	18.8029			
203	S	181.898	178.899	171.424	163.012		180.421	170.503	159.219	170.220	171.165			
206	T	2.6003	3.9622	1.9641	2.5594			-	2.0928	2.7347	18.7659			
200	S	182.234	179.996	173.397	162.636			169.876	160.779	171.533	171.503			
207	T	2.6161	4.0300	2.0268	2.5629				2.0775	2.7021	18.7600			
207	S	181.134	176.968	168.032	162.414		180.696	171.378	161.963	173.602	171.557			
208	LT	2.5557	3.9121	1.9601	2.5498			2.4207	2.1143	2.7401	18.6453			
	S	185.414	182.302	173.750	163.248			173.785	159.144	171.195	172.612			
209	I	2.5990	3.9943		2.5925					2.7466	18.8947			
	S	182.325	178.550	168.924	160.559	170.157	180.199	168.111	160.617	170.790	170.333			

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



Section Data Report

Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6168	4.0194	2.0176	2.5809	2.2368	2.1325	2.5055	2.1248	2.7694	18.9843			
210	S	181.085	177.435	168.799	161.281	169.784	178.408	167.903	158.357	169.384	169.530			
211	Т	2.6237	4.0176	2.0044	2.5775	2.2281	2.1151	2.5185	2.1400	2.7883	18.9956			
211	S	180.609	177.514	169.910	161.494	170.447	179.875	167.037	157.232	168.235	169.429			
212	Т	2.6170	3.9955	1.9887	2.5928	2.2327	2.1209	2.5089	2.1344	2.7608	18.9562			
212	S	181.071	178.496	171.252	160.541	170.096	179.384	167.676	157.645	169.911	169.781			
213	Т	2.6089	4.0062	2.0114	2.6010	2.2390	2.1566	2.6281	2.1885	2.7929	19.2264			
213	S	181.633	178.020	169.319	160.035	169.617	176.414	160.071	153.748	167.958	167.395			
214	Т	2.6362	4.0108	1.9813	2.5952	2.2444	2.1181	2.4842	2.1449	2.7821	18.9864			
214	S	179.753	177.815	171.891	160.392	169.209	179.621	169.343	156.873	168.610	169.511			
215	Т	2.6073	3.9639	1.9669	2.6786	2.2859	2.1523	2.5532	2.1625	2.7633	19.1700			
213	S	181.745	179.919	173.150	155.398	166.137	176.767	164.766		169.758	167.887			
216	T	2.6070	4.0259	2.0647	2.7071	2.2625	2.1418	2.5866	2.2106	2.7980	19.3783			
210	S	181.766	177.148	164.948	153.762	167.855	177.633	162.639	152.211	167.652	166.083			
217	T	2.6033	3.9837	2.0100	2.6857	2.2632			2.2328	2.8084	19.3380			
217	S	182.024	179.025		154.988	167.803	177.137		-	167.031	166.429			
218	T	2.6281	4.0382		2.6863					2.8152	19.6663			
210	S	180.307	176.609	166.774						166.628	163.651			
219	T	2.6370	4.0587	2.0705			•			2.7520	19.6111			
	S	179.698	175.717	164.486			174.201	162.765		170.455	164.111			
220	T	2.6084	4.0342	2.0708					2.2584	2.8222	19.3685			
	S	181.668	176.784	164.462	156.344			163.772	148.989	166.215	166.167			
221	T	2.6314	4.0191	2.0035						2.8325	19.2805			
	S	180.080	177.448	+	156.673	167.537	177.178			165.610	166.925			
222	T	2.6443	4.0344		2.6622	2.2977	2.1735	1		2.8081	19.3319			
	S	179.202	176.775					164.792	153.881	167.049	166.481			
223	I	2.6335	4.0142	1.9984		2.2731				2.8454	19.2965			
	S	179.937	177.665	170.420		167.073	177.567	166.442	152.577	164.859	166.787			
224	I	2.6538	4.0440	+	•	•	•	•	2.1687	2.8218	19.2221			
	S	178.560	176.356	169.067	158.102	169.149		164.451	155.152	166.238	167.432			
225	I	2.6237	4.0041	2.0078		2.2806		2.6137	2.2142	2.8185	19.4318			
	S	180.609	178.113	169.623	153.417	166.523	176.128			166.433	165.625			
226	I	2.6453	4.0457	2.0272	2.7121	2.2927	2.1696		2.2156		19.5133		+	
<u> </u>	S	179.134	176.281	167.999				160.022	151.867	166.232	164.934			
227	I	2.6553	4.0823	2.0622	2.7263			2.6754		2.9285	19.8975		+	
	S	178.460	174.701	165.148					140.945	160.181	161.749		+	
228	I	2.6860	4.1087	2.0698			-				19.8939			
	S	176.420	173.578	164.542	149.087	166.999	172.479	156.568	144.498	164.553	161.778			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	2.6978	4.2429	2.2568	2.9282	2.3220	2.2083	2.7304	2.2784	2.8543	20.2762			
229	S	175.648	168.088	150.908	142.152	163.554	172.284	154.073	147.681	164.345	158.728			
220	Т	2.7324	4.2820	2.2301	2.7987	2.3057	2.1836	2.7149	2.3391	2.8642	20.1687			
230	S	173.424	166.553	152.714	148.730	164.710	174.233	154.953	143.849	163.777	159.574			
231	T	2.6681	4.1106	2.0974	2.7855	2.3189	2.1839	2.6360	2.2631	2.8636	19.8165			
231	S	177.603	173.498	162.376	149.435	163.773	174.209	159.591	148.680	163.812	162.410			
232	Т	2.6769	4.1155	2.0822	2.7238	2.2934	2.1765	2.6362	2.2371	2.8535	19.6796			
232	S	177.020	173.292	163.562	152.820	165.594	174.801	159.579	150.408	164.391	163.540			
233	Т	2.6556	4.0812	2.0639	2.7120	2.2935	2.1770	2.6165	2.2670	2.8682	19.6537			
233	S	178.439	174.748	165.012	153.485	165.587	174.761	160.780	148.424	163.549	163.755			
234	Т	2.6702	4.1230	2.0973	2.6909		2.1732	2.6605	2.2485	2.8435	19.6633			
257	S	177.464	172.976	162.384	154.688	166.625	175.067	158.121	149.645	164.970	163.675			
235	工	2.6823	4.1334	2.0940	2.6976	2.2650	2.1964	2.6860	2.2831	2.8591	19.7635			
233	S	176.663	172.541	162.640			173.217	156.620	147.377	164.069	162.846			
236	ፗ	2.6869	4.1233	2.0845			2.2177	2.7110	2.2811	2.8610	19.9500			
250	S	176.361	172.964	-	149.709	-	171.554			163.960	161.323			
237	工	2.6558	4.0908		2.7452		2.1951			2.9333	19.9913			
237	S	178.426	174.338		151.628		173.320			159.919	160.990			
238	工	2.6770	4.1061	2.0846					2.3399	2.8525	19.9499			
	S	177.013	173.688	163.373	150.662		173.249			164.449	161.324			
239	T	2.6647	4.1235				2.2370		2.3567	2.9141	20.1190			
	S	177.830	172.955	160.957	148.884		170.074			160.973	159.968			
240	ፗ	2.6898	4.1530		2.7820			2.7322	2.3205	2.8873	20.0218			
	S	176.171	171.727	160.139			172.957	153.972	145.002	162.467	160.745			
241	ፗ	2.6973	4.1647	2.1234	•		2.2276	•	•	2.9015	20.0679			
	S	175.681	171.244			-	170.791	154.970	143.794	161.672	160.376			
242	I	2.6743	4.1009		2.7852		2.2311	2.7288		2.9094	20.0719			
<u> </u>	S	177.192	173.909	164.550		163.547	170.523	154.164	143.103	161.233	160.344		+	+
243	듸	2.6795	4.1062	2.0707	2.7723	·	2.2100			2.8835	19.9352		+	
	S	176.848	173.684	164.470	•		172.151	155.947	145.077	162.681	161.443		+	
244	T	2.6790	4.1229		-	2.3137	2.2189	-		2.8461	19.9170		_	
	S	176.881	172.981	162.679		164.141	171.461	154.799	148.156	164.819	161.591		+	
245	I	2.6530	4.1063	2.1163						2.8256	20.0150		+	
	S	178.614	173.680			·	170.722	150.303	144.355	166.015	160.799		+	
246	듸	2.7116	4.1845	•	•		•	•	•	2.8561	19.9746		+	
<u> </u>	S	174.754	170.434			166.392	172.667	154.668		164.242	161.125			
247	I	2.7115	4.1652				2.2051			2.8452	19.9765			
	S	174.761	171.224	160.888	150.717	164.568	172.534	155.417	144.933	164.871	161.109			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 2 - Newgarden, Josef

Race

Report:

Session:

Lap	T/S ^S	F to T1		T1 to SS1		T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6612	4.1109	2.1109	2.7733	2.3004	2.2118	2.7166	2.2956	2.8190	19.8888			
248	S	178.064	173.486			165.090	172.011	154.856		166.403	161.820			
240	Т	2.6136	4.0445	2.0902	2.8388	2.3418	2.1792	2.6006	2.2742	2.8298	19.7682			
249	S	181.307	176.334	162.936	146.629	162.171	174.585	161.763	147.954	165.768	162.807			
250	T	2.6315	4.0277	2.0313	2.7096	2.2887	2.1728	2.6243	2.2471	2.8450	19.5503			
250	S	180.074	177.069	167.660	153.620	165.934	175.099	160.302	149.738	164.883	164.622			
354	Т	2.6745	4.1449		2.6966	2.2672	2.2407	2.7380		2.9168	20.0234			
251	S	177.178	172.062	160.957	154.361	167.507	169.793	153.646	141.752	160.824	160.732			
252	Т	2.6992	4.1220	2.0648	2.7573	2.3210	2.1854	2.6547	2.2651	2.8609	19.8084			
252	S	175.557	173.018	164.940	150.963	163.625	174.089	158.467	148.549	163.966	162.477			
253	Т	2.6727	4.0805	2.0412	2.7142	2.3258					29.6466	30.3819		22.0692
253	S	177.298	174.778	166.847	153.360	163.287					108.559	32.776		128.722
254	Т						2.4151	2.6894	2.3324	2.8493	41.4597		18.6552	
254	S						157.532	156.422	144.262	164.634	77.627		138.028	
255	Т	2.6457	4.0572	2.0557	2.6589	2.2635	2.1448	2.5508	2.1713	2.7713	19.2620			
255	S	179.107	175.782	165.670	156.550	167.781	177.385	164.922	154.966	169.267	167.085			
256	Т	2.6200	4.0108	2.0185	2.6533	2.2500	2.1255	2.4535	2.0928	2.7224	18.9360			
250	S	180.864	177.815	168.723	156.880	168.788	178.995	171.462	160.779	172.308	169.962			
257	Т	2.6080	4.0498	2.0739	2.6290	2.2278	2.1403	2.5489	2.1400	2.7577	19.1256			
257	S	181.696	176.103	164.216	158.330	170.470	177.758	165.044	157.232	170.102	168.277			
258	Т	2.6928	4.2000	2.1769		2.3155	2.1892	2.6063	2.0959	2.7316	19.6392			
236	S	175.974	169.805	156.446	147.033	164.013	173.787	161.410	160.541	171.728	163.876			
259	┸	2.5964	3.9940	2.0153	2.5652	2.2004	2.1334	2.5386	2.1305	2.7478	18.9276			
239	S	182.508	178.563	168.991	162.268	172.593	178.332	165.714	157.933	170.715	170.037			
260	T	2.6077	4.0067	2.0205	2.5805	2.1950	2.1107	2.5446	2.1578	2.7390	18.9558			
200	S	181.717	177.997	168.556	161.306	173.017	180.250	165.323	155.935	171.264	169.784			
261	T	2.5998	3.9891	2.0094	2.5983	2.1946	2.1598	2.6527	2.1460	2.7281	19.0887			
201	S	182.269	178.783	169.487	160.201	173.049	176.153	158.586	156.793	171.948	168.602			
262	I	2.5838	3.9802	2.0156	2.5698	2.1936	2.1274	2.5621	2.1896	2.7779	19.0198			
	S	183.398	179.182	168.966		173.128	178.835	164.194	153.671	168.865	169.213			
263	ፗ	2.6196	4.0609			2.2378	2.1448			2.8016	19.2358			
203	S	180.892	175.622	163.515	158.078	169.708	177.385	168.475	151.635	167.437	167.313			
264	ㅁ	2.6416	4.0850		3.1878	3.9990	4.1342	4.5092	3.9229	5.1169	29.6167			
	S	179.385	174.586	161.782	130.576	94.967	92.026	93.294	85.773	91.675	108.668			
265	T	5.2223	8.0898	4.1088	5.2846	5.9240	4.7989	4.6853	3.8133	4.9718	38.8090			
	S	90.738	88.158	82.888	78.767	64.107	79.280	89.788	88.238	94.350	82.929			
266	T	5.3478	8.1849	4.0946	6.2798	6.4197	4.9022	6.0313	4.9078	6.6527	44.6359			
	S	88.609	87.134	83.175	66.284	59.157	77.609	69.750	68.560	70.511	72.103			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

TAG

Section Data for Car 2 - Newgarden, Josef

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	T	7.0176	10.5084	5.0604	6.7392	6.5274	5.5748	6.0848	4.9944	6.5932	48.5918			
207	S	67.525	67.868	67.301	61.765	58.181	68.245	69.137	67.371	71.148	66.233			
268	T	6.7069	10.2891	5.0633	6.1431	6.2325	5.6518	6.3746	5.0182	6.5295	47.7199			
200	S	70.653	69.314	67.262	67.759	60.934	67.316	65.993	67.051	71.842	67.444			
269	T	6.9448	10.3221	4.8878	6.2232	6.8131	6.3741	6.9560	5.2185	6.8956	50.3131			
209	S	68.233	69.093	69.677	66.887	55.742	59.688	60.478	64.478	68.028	63.967			
270	T	7.2905	10.8987	5.1317	6.3581	6.2986	5.6924	6.3544	4.9622	6.9177	49.0056			
270	S	64.997	65.437	66.366	65.468	60.295	66.836	66.203	67.808	67.810	65.674			
271	T	6.9198	10.5798	5.0215	6.1413	5.9831	5.6148	6.2655	4.8433	6.3914	47.1807			
2/1	S	68.479	67.410	67.822	67.779	63.474	67.759	67.143	69.473	73.394	68.214			
272	T	7.0489	10.1284	4.4836	6.1507		5.2881	6.5187	4.9330	5.5634	46.2185			
2/2	S	67.225	70.414	75.959	67.675		71.945	64.535	68.209	84.317	69.634			
273	T	6.1514	9.4601	4.6685	5.7336	4.9138	5.3099	5.9397	4.9574	6.0196	43.6939			
	S	77.033	75.388	72.950	72.598	77.287	71.650	70.825	67.874	77.927	73.658			
274	T	6.8317	10.3515	5.0477	5.8508	5.4904	5.4186	6.0517	4.4957	3.7186	42.9052			
2/4	S	69.362	68.896	67.470	71.144	69.170	70.213	69.515	74.844	126.147	75.012			
275	T	2.9527	4.4506	2.1873	2.6966	2.2438	2.1338	2.4609	2.1021	2.7107	19.4879			
2/5	S	160.485	160.244	155.703	154.361	169.254	178.299	170.946	160.067	173.052	165.149			
276	T	2.5963	3.9747	1.9848	2.5522	2.2067	2.1056	2.4339	2.1075	2.7338	18.7208			
270	S	182.515	179.430	171.588	163.095	172.100	180.687	172.843	159.657	171.589	171.916			
277	T	2.6006	3.9730	1.9781	2.5580	2.2163	2.1083	2.4152	2.0773	2.7296	18.6834			
	S	182.213	179.507	172.169	162.725	171.354	180.456	174.181	161.978	171.853	172.260			
278	T	2.5914	3.9245	1.9308	2.5489	2.1972	2.0932	2.4204	2.0874	2.7285	18.5978			
2/8	S	182.860	181.726	176.387	163.306	172.844	181.757	173.807	161.194	171.923	173.053			
279	Т	2.5974	3.9643	1.9700	2.5660	2.2243	2.1112	2.4481	2.1195	2.7437	18.7802			
2/9	S	182.438	179.901	172.877	162.217	170.738	180.208	171.840	158.753	170.970	171.372			
280	Т	2.5968	3.9358		2.5538	2.2166	2.1057	2.4198		2.7113	18.6093			
200	S	182.480			162.992			173.850	162.801	173.013	172.946			
281	T	2.5900		1.9516	2.5587				2.1020		18.7091	•		
	S	182.959	180.635	174.507	162.680	170.753	180.456	172.687	160.075	171.307	172.023			
282	T	2.6116			2.6044				2.1159		18.8716			
202	S	181.446		-	159.826			171.113	159.023	170.399	170.542			
283	T	2.6169		1.9885	2.5690			2.4848	2.1013	2.7371	18.8545	-		
263	S	181.078	178.380	171.269	162.028	169.860	179.367	169.302	160.128	171.382	170.697			
284	T	2.5944	3.9440	1.9560	2.6079	2.2442	2.1282	2.4704	2.1226	2.7641	18.8878			
204	S	182.649	180.827	174.115			178.768	170.289	158.521	169.708	170.396			
285	T	2.6147	3.9909	1.9882	2.5776	2.2255	2.1119	2.4624	2.1067	2.7463	18.8333			
203	S	181.231	178.702	171.295	161.487	170.646	180.148	170.842	159.718	170.808	170.889			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

Section Data Report Report: July 20, 2019 INDYCAR **Session: Race**

Section Data for Car 2 - Newgarden, Josef

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.5967	3.9422	1.9452	2.5735	2.2205	2.1024	2.4618	2.0984	2.7488	18.7473			
200	S	182.487	180.910	175.081	161.745	171.030	180.962	170.884	160.349	170.653	171.673			
287	T	2.6041	3.9550	1.9477	2.5910	2.2342	2.1103	2.4447	2.0935	2.7361	18.7616			
207	S	181.968	180.324	174.857	160.652	169.982	180.285	172.079	160.725	171.445	171.542			
288	T	2.5925	3.9652	1.9821	2.5567	2.2122	2.0987	2.4523	2.1273	2.7578	18.7796			
200	S	182.783	179.860	171.822	162.808	171.672	181.281	171.546	158.171	170.096	171.377			
289	T	2.6081	3.9978	1.9959	2.5721	2.2207	2.1332	2.5511	2.1879	2.7623	19.0313			
209	S	181.689	178.394	170.634	161.833	171.015	178.349	164.902	153.790	169.819	169.111			
290	工	2.5746	3.9486	2.0033	2.6798	2.2688	2.1392	2.5005	2.1856	2.8033	19.1551			
290	S	184.053	180.616	170.004	155.329	167.389	177.849	168.239	153.952	167.335	168.018			
291	T	2.6348	4.0119	1.9932	2.6081	2.2320	2.1165	2.5263	2.1556	2.7741	19.0406			
291	S	179.848	177.767	170.865	159.599	170.149	179.756	166.521	156.094	169.097	169.028			
292	ഥ	2.6205	4.0101	2.0049	2.6335	2.2563	2.1342	2.5353	2.1566	2.7904	19.1317			
292	S	180.829	177.846	169.868	158.060	168.317	178.266	165.930	156.022	168.109	168.223			
293	T	2.6366	4.0219	2.0031	2.6389	2.2477	2.1297	2.5320	2.1768	2.7971	19.1619			
293	S	179.725	177.325	170.021	157.736	168.961	178.642	166.146	154.574	167.706	167.958			
294	T	2.6432	4.0529	2.0351	2.6737	2.2684	2.1494	2.5687	2.1842	2.7996	19.3223			
297	S	179.276	175.968	167.347	155.683	167.419	177.005	163.772	154.051	167.556	166.564			
295	ഥ	2.6442	4.0557	2.0424	2.7156	2.2928	2.1814	2.5854	2.2077	2.8061	19.4756			
	S	179.209	175.847	166.749	153.281	165.637	174.408	162.714	152.411	167.168	165.253			
296	T	2.6596	4.0868	2.0621	2.6959	2.2754	2.1582	2.5877	2.2537	2.8437	19.5363			
230	S	178.171	174.509	165.156	154.401	166.904	176.283	162.570	149.300	164.958	164.739			
297	ഥ	2.6714		2.0694	2.6927	2.2651	2.1721	2.5830	2.2128	2.8095	19.4760			
237	S	177.384	173.705		154.585	167.663	175.155	162.866	152.060	166.966	165.250			
298	ഥ	2.6497	4.0730	2.0620	2.6933	2.2689	2.1723	2.6097	2.2011	2.8042	19.4612			
	S	178.837	175.100	165.164	154.550	167.382	175.139	161.199	152.868	167.282	165.375			
299	LT	2.7222	4.1929		2.7493	2.2956	2.1861	2.6473	2.2712	2.8577	19.8506			
	S	174.074	170.093	160.554	151.402	165.435	174.033	158.910	148.150	164.150	162.131			
300	LT	2.6854	4.1571	2.1266	2.7344	2.3009	2.1723	2.6210	2.2386	2.9085	19.7877			
	S	176.459	171.558	160.147	152.227	165.054	175.139	160.504	150.307	161.283	162.646			
301	T	3.3671	5.3824	2.9291	4.0550	3.5571	3.6601	4.3971	4.1367					
301	S	140.733	132.503	116.271	102.651	106.765	103.946	95.673	81.340					

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 20 - Carpenter, Ed

Race

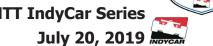
Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	10.5293	7.5291	4.4305	5.3794	5.3327	5.0810	4.9087	4.0983	4.3072	41.0669		33.9243	
1	S	67.733	62.938	76.869	77.379	71.216	74.878	85.701	82.102	108.909	78.370		75.903	
	Т	5.5483	3.5368	2.8830	3.3721	3.1715	3.1969	3.4423	2.6104	3.0158	25.2288			
2	S	128.541	133.981	118.130	123.439	119.745	119.007	122.210	128.899	155.544	127.568			
3	Т	4.6875	2.9151	2.5514	3.0120	2.3587	2.3458	2.9561	2.3405	2.8483	21.3279			
	S	152.145	162.555	133.483	138.197	161.009	162.185	142.310	143.763	164.692	150.901			
4	Т	4.4124	2.7885	2.3336	2.7619	2.2503	2.1659	2.8007	2.2004	2.7249	20.0262			
_ +	S	161.631	169.935	145.941	150.711	168.765	175.657	150.206	152.916	172.150	160.709			
5	Т	4.2985	2.7122	2.2631	2.7369	2.2888	2.1439	2.5876	2.1094	2.7285	19.5704			
	S	165.914	174.716	150.487	152.088	165.927	177.459	162.576	159.513	171.923	164.452			
6	Т	4.1107	2.6307	2.1230	2.5871	2.2191	2.0945	2.4839	2.1608	2.7326	19.0317			
_ 6	S	173.494	180.128	160.418	160.894	171.138	181.645	169.363	155.719	171.665	169.107			
7	Т	4.0705	2.6140	2.0932	2.5775	2.2238	2.1162	2.5702	2.1031	2.7301	19.0281			
	S	175.207	181.279	162.702	161.494	170.776	179.782	163.677	159.991	171.822	169.139			
8	Т	4.1054	2.6376	2.1054	2.6126	2.2283	2.1381	2.5608	2.1817	2.7790	19.2435			
•	S	173.718	179.657	161.759	159.324	170.432	177.940	164.277	154.227	168.798	167.246			
9	Т	4.1747	2.6606	2.1865	2.6563	2.2239	2.1228	2.5345	2.1677	2.7961	19.3484			
	S	170.834	178.104	155.760	156.703	170.769	179.223	165.982	155.223	167.766	166.339			
10	Т	4.0989	2.6379	2.1042	2.6026	2.2362	2.1317	2.5496	2.1466	2.7640	19.1728			
10	S	173.993	179.637	161.852	159.936	169.829	178.475	164.999	156.749	169.715	167.863			
11	Т	4.0962	2.6296	2.1077	2.5906	2.2282	2.1136	2.5214	2.2065	2.7986	19.1962			
	S	174.108	180.204	161.583	160.677		180.003	166.845	152.494	167.616	167.658			
12	┸	4.0849	2.6306	2.0959	2.5937	2.2318	2.1225	2.5563	2.2513	2.8376	19.3197			
12	S	174.590	180.135	162.493	160.485	·		164.567	149.459	165.313	166.586			
13	Т	4.0839	2.6439	2.0815	2.6109	2.2364	2.1486	2.6080	2.1797	2.7909	19.2999			
	S	174.633	179.229	163.617	159.428	169.814	177.071	161.304	154.369	168.079	166.757			
14	T	4.0937	2.6321	2.1131	2.6490	2.2462		2.5877	2.1942	2.8036	19.3658			
	S	174.214	180.033	161.170			177.791	162.570	153.348	167.317	166.190			
15	LT	4.1725	2.6677	2.1697		2.2391	2.1280		2.2076	2.8042	19.4281			
	S	170.924	177.630	156.966	155.445	169.610	178.785		152.418	167.282	165.657			
16	Т	4.1072	2.6363		3.0885		3.0814	3.8025	3.9084	5.3246	27.0221			
	S	173.642	179.746	158.810	134.774	125.094	123.468	110.633	86.091	88.099	119.103			
17	Т	6.3174	4.2307	3.0268	3.8122	3.3795	3.0834	3.5836	3.1643	3.9702	28.2507			
	S	112.892	112.006	112.518	109.189	•	123.388	117.391	106.335	118.153	113.923			
18	Т	6.0860	3.7595	3.4454	5.0016	4.8522	4.8594	5.2915	4.7931	6.1833	38.1860			
	S	117.184	126.044	98.847	83.223	78.268	78.292	79.501	70.200	75.864	84.282			
19	Т	9.7239	6.5390	4.5397	5.3948	4.8896	4.2494	4.5517	3.8022	5.2537	39.2201			
19	S	73.343	72.467	75.020	77.158	77.669	89.531	92.423	88.495	89.288	82.060			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	10.1933	7.0237	4.4954	6.0841	6.3919	5.4069	3.8426	3.0853	4.6105	40.9404			
20	S	69.966	67.466	75.759	68.416	59.415	70.365	109.478	109.058	101.744	78.612			
21	Т	9.4298	6.2479	4.4792	5.0645	5.0039	4.4943	4.6775	4.1512	5.5043	39.6228			
21	S	75.631	75.844	76.033	82.190	75.895	84.653	89.937	81.055	85.223	81.226			
22	Т	9.0738	6.0538	4.4076	5.9613	5.7042	3.8738	4.2800	4.0071	6.2349	40.5227	'		
	S	78.598	78.275	77.268	69.825	66.578	98.212	98.290	83.970	75.236	79.422			
23	Т	7.8642	5.4382	3.5818	5.2455	5.1363	4.3248	5.0206	4.4533	5.9279	39.1284			
23	S	90.687	87.136	95.083	79.354	73.939	87.970	83.791	75.557	79.133	82.252			
24	Т	6.9419	4.7800	3.1009	4.6087	3.3971	2.7911	2.8781	2.1812	2.7843	26.5214			
	S	102.736	99.135	109.829	90.318		136.310	146.167		168.477	121.351			
25	T	4.2343	2.6873	2.2535		2.2456				2.7928	19.8685			
25	S	168.430	176.334	151.129		169.119	174.809	157.364		167.964	161.985			
26	T	4.2395	2.6516					2.6258		2.6934	19.7226			
	S	168.223	178.709	146.449	147.979	·	173.946			174.163	163.183			
27	ፗ	4.2689	2.7098	2.2382	2.6349	2.2362	2.1686	2.5492	2.1582	2.7858	19.4809			_
	S	167.065	174.870	-						168.386	165.208			
28	T	4.1688	2.6839							2.8030	19.4072			_
	S	171.076	176.558		157.218		178.785			167.353	165.835			
29	I	4.0933	2.6389						·	2.7772	19.1942			
	S	174.232	179.569	162.617	159.087					168.908	167.676			
30	T	4.0746	2.6274	-	2.6076				-	2.7865	19.3204			
	S	175.031	180.355				177.957	160.811		168.344	166.580			
31	工	4.1048	2.6285							2.8019	19.5365			
<u> </u>	S	173.743	180.279							167.419	164.738			
32	ፗ	4.1089	2.6337	2.1504			-	-	-	2.8319	19.6405			
	S	173.570	179.923	158.374						165.645	163.865			
33	፲	4.1293	2.6498							2.8363	19.6699			
	S	172.713	178.830			166.904		161.447		165.388	163.621			
34	I	4.1178	2.6546					2.5639		2.8159	19.3807		+	
	S	173.195	178.507	161.117	157.754	+		164.079		166.586	166.062			+
35	፲	4.1112	2.6448				2.1298			2.8044	19.3771			+
	S	173.473	179.168							167.270	166.093		+	-
36	፲	4.1009	2.6417	2.1058						2.8193	19.5412		+	-
	S	173.909	179.378	161.729	 	+	175.721	158.874		166.386	164.698		+	+
37	፲	4.1026	2.6297	2.1472	2.7920					2.8079	19.6415		+	+
	S	173.837	180.197							167.061	163.857		+	1
38	I	4.1153	2.6363		2.6823					2.7811	19.4719		+	+
	S	173.300	179.746	159.435	155.184	167.404	175.276	159.931	155.309	168.671	165.284	1		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



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Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	4.2058	2.6789	2.2140	2.8280	2.2947	2.1565	2.6427	2.2344	2.8114	19.8606			
39	S	169.571	176.887	153.825	147.189	165.500	176.422	159.186	150.590	166.853	162.049			
40	Т	4.1882	2.6665	2.2078	2.7848	2.2793	2.1438	2.6226	2.2722	2.8514	19.8284			
40	S	170.284	177.710	154.257	149.472	166.618	177.467	160.406	148.084	164.512	162.313			
41	Т	4.1771	2.6571	2.2049	2.7858	2.2758	2.1505	2.6097	2.2402	2.8593	19.7833			
41	S	170.736	178.339	154.460	149.418	166.874	176.914	161.199	150.200	164.058	162.683			
42	Т	4.1806	2.6787	2.1658	2.7015	2.2830	2.1829	2.6630	2.2358	2.8467	19.7574			
42	S	170.593	176.901	157.248	154.081	166.348	174.289	157.973	150.495	164.784	162.896			
43	Т	4.1968	2.6896	2.1670	2.7366	2.2961	2.1835	2.6765	2.2329	2.8600	19.8422			
43	S	169.935	176.184	157.161	152.105	165.399	174.241	157.176	150.691	164.018	162.200			
44	Т	4.3580		2.3083	2.8868	2.3199	2.1720	2.6665	2.3759	2.9790	20.4757			
44	S	163.649	171.237	147.541	144.191	163.702	175.163	157.766	141.621	157.466	157.181			
45	Т	4.3004	2.7490	2.2195	2.6681	2.2594	2.1748	2.7025	2.3402	2.9208	20.0343			
45	S	165.841	172.377	153.444	156.010	168.086	174.938	155.664	143.781	160.604	160.644			
46	Т	4.2247	2.7127	2.1831	2.7467	2.2871	2.2110	2.7328	2.3517	2.9540	20.1791			
40	S	168.812	174.683	156.002	151.545	166.050	172.074	153.938	143.078	158.799	159.492			
47	Т	4.3253	2.7542	2.2760	2.8662	2.3149	2.1868	2.6623	2.3273	2.9249	20.3126			
47	S	164.886	172.051	149.635	145.227	164.056	173.978	158.014	144.578	160.378	158.444			
48	Т	4.2970	2.7443	2.2270	2.7459	2.3329	2.2469	2.7583	2.3203	2.8962	20.2718			
40	S	165.972	172.672	152.927	151.590	162.790	169.324	152.515	145.015	161.968	158.762			
49	Т	4.2727	2.7233	2.2277	2.7786	2.3089	2.2189	2.6938	2.4835	3.0511	20.4858			
79	S	166.916	174.003	152.879	149.806	164.482	171.461	156.167	135.485	153.745	157.104			
50	Т	4.3066	2.7608	2.2249	2.7841	2.3810	2.2187	2.6675	2.2692	2.8609	20.1671			
	S	165.602	171.640	153.071	149.510		171.476	157.706	148.280	163.966	159.587			
51	Т	4.2278	2.6932	2.2399	3.2769	3.2642	3.3910	4.1046	3.6886	4.5366	27.1950			
31	S	168.689	175.948	152.046	127.026	116.345	112.195	102.490	91.221	103.401	118.345			
52	Т	5.9700	3.9059	2.9916	3.9418	3.4987	3.3033	4.7157	3.9358	5.0812	31.3740			
	S	119.461	121.320	113.841	105.599	108.547	115.174		85.491	92.319	102.582			
53	T	8.5119	5.4990	4.2154	4.9788		5.3244		5.1188	6.1573	42.2144			
	S	83.786	86.173	80.791	83.604		71.455	73.586	65.734	76.185	76.239			
54	Т	9.0629	5.9066	4.5552	5.7443		5.0146	5.7010	4.7127	6.2033	42.7320			
	S	78.692	80.226	74.765	72.463		75.869	73.791	71.398	75.620	75.316			
55	Т	10.3624	6.9392	4.9270	6.0355	5.6368	5.4912	8.5502			62.8139	1647.7859		48.2710
	S	68.824	68.288	69.123	68.967	67.374	69.284	49.201			51.237	0.604		58.851
56	T						3.7137	4.0459	3.2135	5.0500	1662.3169		29.0739	
	S						102.446	103.977	104.707	92.889	1.936		88.565	
57	Т	8.1957	5.7069	3.5966	4.3585	4.4049	4.8412	5.6204	3.9283	5.0869	37.5437			
5/	S	87.019	83.033	94.692	95.503	86.216	78.587	74.849	85.655	92.215	85.724			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



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Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	8.1962	5.6826	3.5006	4.6328	4.2818	4.3560	4.9333			41.3978	34.4487		33.8272
58	S	87.014	83.389	97.289	89.848	88.695	87.340	85.274			77.743	28.907		83.980
59	Т						3.6282	4.1752	3.3619	4.2266	53.4877		26.6096	
59	S						104.860	100.757	100.085	110.985	60.171		96.767	'
60	Т	6.4046	4.1415	3.2238	3.6639	2.8698	2.9184	3.6828	3.3396	6.3528	30.1926			
- 60	S	111.355	114.418	105.642	113.608	132.334	130.364	114.229	100.754	73.840	106.596			
61	Т	11.0672	8.1630	4.0533	4.6769	5.3081	5.9682	5.1701	4.3810	5.2187	42.9393			
61	S	64.441	58.050	84.022	89.001	71.546	63.747	81.368	76.804	89.887	74.952			
62	Т	7.8141	5.1721	3.7453	4.3869	3.6270	4.5325	4.4570	3.8118	5.0034	34.7360			
02	S	91.269	91.619	90.932	94.885	104.707	83.939	94.387	88.273	93.754	92.653			
63	Т	9.7680	7.1660	3.5878	4.3165	5.4422	6.2873	5.2053	4.3563	6.4386	42.8000			
03	S	73.012	66.127	94.924	96.432	69.783	60.512	80.818	77.239	72.856	75.196			
64	Т	10.0620	7.1067	4.0763	3.9942	4.9617	4.8712	4.9211	3.7295	5.2439	38.9046			
04	S	70.879	66.678	83.548	104.214	76.541	78.103	85.485	90.220	89.455	82.725			
65	Т	7.1569	5.0436	3.0311	3.6230	3.6302	3.9709	4.3454	2.7630	3.0261	29.4333			
03	S	99.650	93.953	112.358	114.891	104.615	95.811	96.811	121.780	155.015	109.346			
66	T	4.4657	2.7877	2.4043	2.8775	2.3260	2.2258	2.7291	2.1870	2.7247	20.2621			
	S	159.702	169.984	141.650	144.657	163.273	170.929	154.147	153.853	172.162	158.838			
67	工	4.1423	2.6209				2.1546	2.6242	2.1597	2.7756	19.4474			
07	S	172.170	180.802	154.670	154.913	170.800	176.578	160.309	155.798	169.005	165.493			
68	T	4.0680	2.6179						2.1479		19.1828			
	S	175.315	181.009	162.905	160.139	170.638	178.124	160.615	156.654	170.802	167.775			
69	ഥ	4.0845	2.6219	2.1091	2.5982	2.1814	2.0843	2.5866	2.1349		19.0204			
03	S	174.607	180.733			174.096	182.533		157.608	173.480	169.208			
70	ഥ	4.0466	2.5930	2.1026	2.6599	2.2147	2.1002	2.4732	2.1587	2.8070	19.1093			
	S	176.242	182.747	161.975	156.491	171.478			155.870	167.115	168.421			
71	ഥ	4.0804	2.6454				2.0958	-	2.1632		18.9999			
	S	174.782	179.127	164.518			181.532		155.546		169.390			
72	ഥ	4.0669	2.6193		+		+				19.0920			
/-	S	175.363	180.912	162.191	160.559				158.171	171.045	168.573			
73	ഥ	4.0410	2.6038		2.6322		2.1309		2.1824		19.2425			
	S	176.486	181.989		158.138				154.178		167.255			
74	ഥ	4.0973	2.6362								19.2387			
/-	S	174.061	179.753							170.473	167.288		ļ	
75	ഥ	4.0779	2.6196								19.2593			
	S	174.889	180.892					161.335	154.234		167.109			
76	ㅁ	4.1124	2.6368								19.2165			
	S	173.422	179.712	161.010	161.400	171.146	179.274	162.595	155.037	168.332	167.481			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	4.1192	2.6452	2.1217	2.6007	2.2287	2.1420	2.6523	2.2234	2.7774	19.3914			T
//	S	173.136	179.141	160.517	160.053	170.401	177.617	158.610	151.335	168.896	165.970			
78	Т	4.1260	2.6374	2.1433	2.6284	2.2405	2.1453	2.6075	2.2220	2.8218	19.4462			
78	S	172.851	179.671	158.899	158.366	169.504	177.343	161.335	151.430	166.238	165.503			
79	Т	4.1879	2.6812	2.1686	2.6634	2.2497	2.1561	2.6825	2.1918	2.7470	19.5403			
79	S	170.296	176.736	157.045	156.285	168.810	176.455	156.825	153.516	170.765	164.706			
80	Т	4.1222	2.6270			2.2567	2.1645	2.7462	2.1859	2.7956	19.6235			
80	S	173.010	180.382	157.751	154.815	168.287	175.770	153.187	153.931	167.796	164.007			
81	Т	4.1647	2.6658	2.1474	2.6563	2.2562	2.1947	2.6512	2.1861	2.7851	19.5428			
01	S	171.244	177.757	158.596	156.703	168.324	173.352	158.676	153.917	168.429	164.685			
82	Т	4.1868	2.6891	2.1431	2.6576	2.2652	2.1645	2.6795	2.2433	2.8432	19.6855			
02	S	170.341	176.216	158.914	156.626	167.655	175.770	157.000	149.992	164.987	163.491			
83	Т	4.1968	2.6909	2.1770	2.7266	2.2885	2.1413	2.5743	2.2677	2.8480	19.7143			
- 65	S	169.935	176.099	156.439	152.663	165.948	177.675		·	164.709	163.252			
84	Т	4.0837	2.6484	2.0824	2.6368	2.2490	2.1340	2.5795	2.1953	2.7948	19.3202			
04	S	174.641	178.924	163.546	157.862	168.863	178.282	163.087	153.272	167.844	166.582			
85	T	4.1331	2.6535		-	2.3011	2.1742	2.6428	2.1856	2.7895	19.5795			
65	S	172.554	178.581	159.062	154.642	165.040	174.986	159.180	153.952	168.163	164.376			
86	T	4.1996	2.6832			2.2564	2.1648	2.6422	2.2157	2.8427	19.7099			
	S	169.821	176.604	155.518	153.315	168.309	175.746	159.216	151.860	165.016	163.288			
87	Т	4.3891	2.8175	2.2366	2.7223	2.3286	2.1615	2.5872	2.2508	2.8619	19.9664			
	S	162.489	168.186	152.270	152.904	163.091	176.014	162.601	149.492	163.909	161.191			
88	I	4.2613	2.7136			2.3550	2.1831			2.8351	20.0224			
	S	167.362	174.625			161.262				165.458	160.740			
89	Т	4.4176	2.8198	2.2792			2.2101	2.7356	2.2932	2.8792	20.2188			
09	S	161.441	168.049	149.424	152.764		172.144			162.924	159.179			
90	T	4.2052	2.6889			2.2749				2.8152	19.7446			
	S	169.595	176.230			166.940				166.628	163.002			
91	T	4.1136	2.6448		·	2.2601	2.1357	2.5745	2.3138	2.9234	19.6703			
	S	173.372	179.168			168.034	178.140			160.461	163.617			
92	T	4.1714				2.2631	2.1557	-	-	2.8023	19.6079			
32	S	170.969	176.466			167.811	176.488			167.395	164.138			
93	T	4.1198				2.2508				2.9311	19.6216			
	S	173.111	179.310	159.509	157.075	168.728	178.165	162.979	146.594	160.039	164.023			
94	Т	4.2705	2.7330			2.2575	2.1372	2.6405	2.2329	2.8158	19.7807			
7 7	S	167.002	173.386	153.381	151.728	168.227	178.015	159.319	150.691	166.592	162.704			
95	Т	4.2096			2.6698	2.2505	2.1487	2.6791	2.2077	2.7994	19.6565			
33	S	169.418	176.914	153.216	155.911	168.750	177.063	157.024	152.411	167.568	163.732			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap		F to TB	SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	ŤΙ	4.3057	2.7254	2.2628	2.6667	2.2531	2.1712	2.6922	2.1936	2.8005	19.7655			\top
96	S	165.637	173.869	150.507	7 156.092	168.556	175.228	156.259	153.390	167.503	162.829			
0.7	Т	4.0885	2.6327	2.1232	2.7002	2.2651	2.1371	2.5720	2.2118	2.8153	19.4574			
97	S	174.436	179.992	160.403	154.155	167.663	178.024	163.562	152.128	166.622	165.408			1
-00	T	4.1351	2.6564	2.1499	2.6982	2.2681	2.1421	2.6052	2.2127	2.8189	19.5515			1
98	S	172.470	178.386	158.411	154.270	167.441	177.608	161.478	152.066	166.409	164.611			1
-00	Т	4.0703	2.6333	2.0924	2.6978	2.2728	2.1386	2.5854	2.1791	2.7879	19.3873			
99	S	175.216	179.950	162.764	154.292	167.095	177.899	162.714	154.411	168.260	166.006			
100	Т	4.1371	2.6487	2.1509	2.7165	2.2805	2.1436	2.6087	2.2950	2.8659	19.7098			
100	S	172.387	178.904	158.338	153.230	166.530	177.484	161.261	146.613	163.680	163.289			
101	Т	4.1517	2.6569	2.1756	2.7908	2.2950	2.1835	2.6924	2.2335	2.8533	19.8810			
101	S	171.781	178.352	156.540	149.151	165.478	174.241	156.248	150.650	164.403	161.883			
102	Т	4.2021	2.6836	2.2031	2.8580	2.3432	2.1899	2.7010	2.2584	2.8716	20.1088			
102	S	169.720	176.578	154.586	145.644	162.074		155.750	148.989	163.355	160.049			
103	Т	4.2318	2.6979	2.2149	2.8625	2.3365	2.2878	2.7982	2.3427	2.9498	20.4903			
103	S	168.529	175.642			162.539	166.297	150.340	143.628	159.025	157.069			
104	T	4.4349	2.7979	2.3590	2.9007	2.3392	2.2147	2.8165	2.4616	2.9819	20.8715			
104	S	160.811	169.364	144.370	143.500	162.352	171.786	149.363	136.690	157.313	154.201			
105	T	4.3582	2.7614	2.3101	2.8216	2.2970	2.1861	2.8335	2.4278	2.9029	20.5404			
103	S	163.641	171.603	147.426	147.523	165.334	174.033	148.467	138.593	161.594	156.686			
106	T	4.2633	2.7061			2.3000					20.4216			
100	S	167.284	175.109			165.119		i		158.359	157.598			
107	工	4.2727	2.7307	2.2290	2.8209	2.2935	2.2316	2.8027	2.3956	2.9723	20.4763			
107	S	166.916	173.532			165.587	170.485				157.177	-		
108	ፗ	4.3203	2.7554			2.3065					20.3644			
100	S	165.077	171.976			164.653	171.006				158.041			
109	ፗ	4.3124	2.7522			2.3124					20.5376			+
	S	165.379	172.176			164.233	168.933			159.408	156.708			
110	듸	4.2325	2.7031			2.2977	2.2019		+		20.2438			
	S	168.501	175.304			165.284	172.785			165.704	158.982			
111	፲	4.1934	2.6573			2.2658		-			20.2431			
	S	170.072	178.325			167.611	168.574	-	-		158.988			
112	ፗ	4.3687	2.7622			2.3074					20.5535			
	S	163.248	171.553			164.589	170.378		+	159.446	156.586		+	+
113	ፗ	4.4485	2.8336			2.3775					20.7664			
	S	160.320	167.230			159.736		-	-	150.954	154.981			
114	ፗ	4.5823	2.8849			2.3656				2.9456	21.0402		4	+
	S	155.638	164.257	137.715	138.611	160.540	171.291	150.625	142.932	159.251	152.964	1		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
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Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
445	Т	4.3018	2.7382	2.2557	2.7416	2.3052	2.2046	2.7332	2.3082	2.9084	20.1951			
115	S	165.787	173.057	150.981	151.827	164.746	172.573	153.915	145.775	161.288	159.365			
446	Т	4.2857	2.7286	2.2507	2.8319	2.3542	2.2418	2.7408	2.3217	2.8845	20.3542			
116	S	166.410	173.665	151.317	146.986	161.317	169.709	153.489	144.927	162.625	158.120			
117	Т	4.2628	2.7080	2.2693	2.9206	2.3524	2.2415	2.7557	2.2976	2.9273	20.4724			
	S	167.304	174.987	150.076	142.522	161.441	169.732	152.659	146.447	160.247	157.207	'		
118	T	4.3934	2.7712	2.3355	2.8191	2.3403	2.2008	2.7884		2.9784	20.6948			
110	S	162.330	170.996	145.822	147.654	162.275	172.871	150.869	136.718	157.498	155.517	1		
119	工	4.2724	2.7281			2.3004	2.2249	2.8659	2.4742	2.9538	20.5372			
119	S	166.928	173.697	152.516	150.985	165.090	170.998	146.789	135.994	158.809	156.711			
120	T	4.3922	2.7767	2.3415	2.8474	2.2947	2.2214	2.8293	2.3659		20.6242			
120	S	162.375	170.657	145.449	-	165.500			142.220		156.050			
121	ഥ	4.3901	2.7760			2.3103	2.2477	2.8360			20.9298			
	S	162.452	170.700			164.382	169.264		137.652		153.771	-		<u> </u>
122	ഥ	4.3999	2.7995			2.3516	2.2019		2.3645	2.9277	20.5499			
122	S	162.090	169.267	148.099		161.495	172.785		142.304		156.614			
123	ፗ	4.2400	2.7103			2.2979	2.1799		2.2780		20.0125			
123	S	168.203	174.838	152.783		165.269	174.528		147.707	163.943	160.819			
124	ഥ	4.1753	2.6639		•						20.0474			
	S	170.810	177.883	154.027	148.090	165.941	173.644		147.410		160.540			
125	LI	4.2620	2.6845	-		2.2776					20.1804			
123	S	167.335	176.518		-	166.743	173.068		146.409	162.360	159.481			
126	ഥ	4.3089	2.7322			2.2846			2.3965		20.3442			
120	S	165.514	173.437	148.629		166.232	175.624	•	140.404		158.197			
127	ፗ	4.2519				2.2915	2.1861	2.7681	2.2720		20.0254			
	S	167.733	174.696	152.865		165.731	174.033		148.097	166.386	160.716			
128	듸	4.3177	2.7406			2.2894	2.1915		2.3468		20.3000		+	
	S	165.176			147.288	165.883	173.605		143.377	162.484	158.542		+	+
129	듸	4.2288	2.6991	2.2059		2.2998	2.1878			+	20.0410		+	+
	S	168.649	175.564	154.390		165.133	173.898		145.623		160.591		+	+
130	I	4.2581	2.7205			2.4138					20.8470		+	+
	S	167.488	174.183				170.707	151.346	137.086		154.382		+	+
131	디	4.3393	2.7627	2.2740							20.4084		+	+
	S	164.354	171.522	149.766	+	163.203	172.393	•	142.364		157.700		+	+
132	፲	4.3143		2.2665		2.3051	2.1944				20.3102		+	+
	S	165.306	172.083	150.262		164.753	173.375		143.806		158.462		+	+
133	I	4.2918				2.3227	2.2067				20.4825		+	+
	S	166.173	173.164	150.302	144.066	163.505	172.409	151.221	144.796	158.707	157.129			

Track: Iowa Speedway 0.894 mile(s)

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Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	Т	4.3191	2.7512	2.2708	2.8422	2.3340	2.2026	2.8049	2.3504	2.9133	20.4694			
134	S	165.123	172.239	149.977		162.713	172.730	149.981	143.157	161.017	157.230			
405	Т	4.4044	2.7884	2.3162	2.8551	2.3449	2.2322	2.8459	2.4112	2.9261	20.7200			
135	S	161.925	169.941	147.037	145.792	161.957	170.439	147.820	139.548	160.313	155.328			
426	T	4.2416	2.7116	2.2289	2.9629	2.4012	2.2323		2.4035	3.0093	20.6647			
136	S	168.140	174.754	152.797	140.487	158.160	170.432	154.947	139.995	155.880	155.744			
427	Т	4.3334	2.7646	2.2561	2.7678	2.3542	2.2155	2.7752	2.3821	2.9871	20.5026			
137	S	164.578	171.404	150.954	150.390	161.317	171.724	151.586	141.252	157.039	156.975			
420	Т	4.3574	2.7714	2.2823	2.8136	2.3753	2.2300	2.7631	2.2933	2.8996	20.4286			
138	S	163.671	170.983	149.221	147.942	159.884	170.607	152.250	146.722	161.778	157.544			
120	Т	4.3109	2.7369	2.2708	2.8465	2.4062					30.9620	31.4077		23.4089
139	S	165.437	173.139	149.977	146.232	157.831					103.947	31.705		121.355
140	Т						2.4911	2.7125	2.1479	2.7609	42.6389		18.7843	
140	S						152.726	155.090	156.654	169.905	75.480		137.080	
141	Т	4.1213	2.6333	2.1398	2.5859	2.2219	2.1446	2.5088	2.0802	2.7112	19.0257			
141	S	173.048	179.950	159.159	160.969	170.923	177.401	167.682	161.752	173.020	169.161			
142	T	4.0699	2.6008	2.1128	2.5539	2.2113	2.1276	2.4938	2.0840	2.7858	18.9700			
142	S	175.233	182.199	161.193	162.986	171.742	178.819	168.691	161.457	168.386	169.657			
143	Т	4.0908	2.6373	2.0888	2.5594	2.2109	2.1410	2.5512	2.0848	2.7566	19.0300			
143	S	174.338	179.678	163.045	162.636	171.773	177.699	164.896	161.395	170.170	169.122			
144	Т	4.0945	2.6283	2.1115	2.5768	2.2161	2.1149	2.4999	2.0790	2.7071	18.9336			
144	S	174.180	180.293	161.292	161.538	171.370	179.892	168.279	161.846	173.282	169.984			
145	Т	4.0303	2.5865	2.0767	2.5639	2.2138	2.1447	2.5818	2.0894	2.6856	18.9424			
145	S	176.955	183.207	163.995	162.350	171.548	177.393	162.941	161.040	174.669	169.905			
146	Т	4.0834	2.6169	2.1059	2.8375	2.4671	2.2419	2.6044	2.1519	2.7707	19.7963			
140	S	174.654	181.078	161.721	146.696	153.935	169.702	161.527	156.363	169.304	162.576			
147	Т	4.1079	2.6393	2.1238	2.6976	2.2307	2.1216	2.5838	2.0969	2.6958	19.1895			
147	S	173.612	179.541	160.358	154.304	170.248	179.324	162.815	160.464	174.008	167.717			
148	Т	4.0950	2.6126	2.1278	2.5994	2.2235	2.1433	2.6421	2.1408	2.7247	19.2142			
140	S	174.159	181.376	160.056	160.133	170.800	177.509	159.223	157.174	172.162	167.501			
149	Т	4.0953	2.6211	2.1166	2.5651	2.2088	2.1330	2.5369	2.1635	2.7647	19.1097			
143	S	174.146	180.788	160.903	162.274	171.936	178.366	165.825	155.525	169.672	168.417			
150	Т	4.0648	2.6161	2.0832	2.6383	2.2509	2.1406	2.5533	2.2112	2.8420	19.3356			
130	S	175.453	181.134	163.483	157.772	168.720	177.733	164.760	152.170	165.057	166.449			
151	Т	4.1128	2.6682	2.0675	2.5552	2.2093	2.1312	2.5543	2.2000	2.8874	19.2731			
151	S	173.405	177.597	164.725	162.903	171.897	178.517	164.696	152.944	162.461	166.989			
152	Т	4.2028	2.6879	2.2038	2.7295	2.2377	2.1454	2.5817	2.1713	2.7550	19.5123			
152	S	169.692	176.295	154.537	152.500	169.716	177.335	162.948	154.966	170.269	164.942			

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Race

Report:

Session:

Lap	T/S ^S		SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.2831	2.7093	2.2433	2.7060	2.2929	2.1855	2.6211	2.1534	2.7260	19.6375		1	
153	S	166.511	174.903	151.816	153.825	165.630	174.081	160.498	156.254	172.080	163.891			
154	Т	4.1249	2.6170	2.1816	2.7306	2.2900	2.2761	2.8523	2.4262	2.9643	20.3381			
154	S	172.897	181.071	156.109	152.439	165.840	167.152	147.489	138.685	158.247	158.245			
155	Т	4.3416	2.7733	2.2427	2.7169	2.2909	2.1730	2.6214	2.2108	2.8449	19.8739			
133	S	164.267	170.866	151.856	153.208	165.774	175.083	160.480	152.197	164.888	161.941			
156	Т	4.1174	2.6554	2.1136	2.6663	2.2503	2.1312	2.6233	2.1820	2.7489	19.3710			
130	S	173.212	178.453	161.132	156.115	168.765	178.517	160.364	154.206	170.647	166.145			
157	Т	4.0876	2.6199	2.1228	2.6701	2.2519	2.1462	2.6777	2.2176	2.7646	19.4708			
137	S	174.474	180.871	160.433	155.893	168.645	177.269	157.106	151.730	169.678	165.294			
158	Т	4.0970	2.6254	2.1458	2.7421	2.2757	2.1644	-		2.7933	19.7038			
130	S	174.074		158.714		166.882	175.778				163.339			
159	I	4.1580		2.1596		2.2563					19.5577			
133	S	171.520		157.700	•	168.317	176.340	157.364	•		164.559			
160	I	4.2072				2.2457	2.1633		 		19.9186			
100	S	169.515		153.776		169.111	175.868	157.700			161.578			
161	T	4.1800		2.1531		2.2661	2.1479	2.6539			19.6813			
101	S	170.618		158.176		167.589	177.129	158.515			163.526			
162	I	4.1499		2.1586	•	2.2823	2.1850		+		19.8076			1
	S	171.855				166.399	174.121	153.910			162.483			1
163	T	4.1886		2.1759		2.2781	2.1658				19.8523			
105	S	170.267		156.518		166.706	175.665	153.259		-	162.117			1
164	I	4.1602		2.1559		2.2760					19.7085			1
	S	171.430		157.970		166.860	176.873	159.633	•		163.300			
165	ፗ	4.1191		2.1275		2.2560		2.6528	-		19.4938			
	S	173.140	-	160.079		168.339	176.291	158.580			165.099			
166	፲	4.1214				2.2799		2.6748			19.6102		+	
	S	173.044		158.514	-	166.574	174.994	157.276		169.182	164.119			
167	듸	4.1061	+	•		2.2651	2.1376	2.6506	+		19.5735		+	+
	S	173.688			152.144	167.663	177.982	158.712			164.426		+	+
168	I	4.0635				2.3161	2.1689	2.6443			19.7612		+	+
	S	175.509		161.652		163.971	175.414				162.865		+	+
169	Ţ	4.1678				2.2559		2.6434		1	19.7752		+	+
	S	171.117		156.605		168.346	177.195	159.144	•		162.749	•	+	+
170	I	4.1554		2.1626		2.2760		2.6357	 		19.8288		+	+
	S	171.628	-	157.481	148.613	166.860	176.972	159.609			162.309		+	+
171	I	4.1810				2.3248		2.6503			19.9008		+	+
	S	170.577	176.354	157.038	148.137	163.357	174.265	158.730	151.246	164.466	161.722			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	4.1724	2.6749	2.1792	2.7566	2.2974	2.1696	2.6410	2.2087	2.8305	19.7579			
1/2	S	170.928	177.152	156.281	151.001	165.305	175.357	159.289	152.342	165.727	162.892			
173	Т	4.1326	2.6557	2.1430	2.7193	2.2777	2.1401	2.6165	2.2236	2.8262	19.6021			
1/3	S	172.575	178.433	158.921	153.072	166.735	177.774	160.780	151.321	165.979	164.186			
174	Т	4.1361	2.6597	2.1515	2.8617	2.3472	2.1862	2.6876	2.3415	2.8697	20.1051			
1/4	S	172.429	178.164	158.293	145.455	161.798	174.025	156.527	143.702	163.463	160.079			
175	Т	4.1425	2.6647	2.1536	2.8806	2.3532	2.2377	2.7030	2.2765	2.9076	20.1769			
1/3	S	172.162	177.830	158.139	144.501	161.386	170.020	155.635	147.805	161.333	159.509			
176	Т	4.2187	2.7092	2.1967	2.7827	2.3013	2.1880	2.7113	2.2531	2.8584	20.0007			
170	S	169.053	174.909	155.036	149.585	165.025	173.882	155.159	149.340	164.110	160.914			
177	Т	4.2165	2.7002	2.2066	2.7935	2.3256	2.1938	2.7253	2.2704	2.8783	20.0937			
1//	S	169.141	175.492	154.341	149.007	163.301	173.423	154.362	148.202	162.975	160.170			
178	Т	4.2206	2.6953	2.2254	2.9109	2.3690	2.2239	2.8170	2.3143	2.8395	20.3953			
178	S	168.976	175.811	153.037	142.997	160.309	171.075	149.337	145.391	165.202	157.801			
179	Т	4.1688	2.6665	2.1907	2.8816	2.3471	2.1981	2.7589	2.2662	2.8239	20.1330			
1/9	S	171.076	177.710	155.461	144.451	161.805	173.083	152.482	148.476	166.115	159.857			
180	T	4.1487	2.6561	2.1774	2.9097	2.3598	2.2030	2.7660	2.2930	2.8646	20.2296			
100	S	171.905	178.406	156.410	143.056	160.934	172.698	152.090	146.741	163.754	159.094			
181	T	4.2042	2.6783		2.8551	2.3050	2.1729	2.7399		2.8636	20.1371			
101	S	169.636	176.927	151.917	145.792	164.760	175.091	153.539	147.545	163.812	159.824			
182	Т	4.1424	2.6559		2.9142	2.3422	2.2594	2.8501	2.2994		20.3106			
102	S	172.166	178.419	156.195	142.835	162.144	168.387	147.602	146.333	166.996	158.459			
183	T	4.2148	2.6829	2.2391	2.9115	2.3191	2.1802	2.7276	2.4278	2.9218	20.4100			
103	S	169.209	176.624		142.968	163.759	174.504	154.231	138.593	160.549	157.687			
184	工	4.2237	2.7002		2.9012	2.3612	2.2744	2.8036	2.3788	2.8917	20.5389			
104	S	168.852	175.492	152.872	143.475	160.839	167.277	150.051	141.448	162.220	156.698			
185	T	4.3133	2.7307	2.2870	2.9231	2.3385		2.7261	2.3249		20.4796			
103	S	165.345	173.532	148.915	142.400	162.400	173.162		144.728	158.895	157.152			
186	T	4.2613	2.7237	2.2412	3.1044	2.9251	2.8093		3.5128	4.3456	25.3275			
	S	167.362	173.978	151.958	134.084	129.832	135.427	114.771	95.786	107.946	127.071			
187	Т	5.9199	3.9831	2.7806	3.5239	3.1222	2.8873		3.0210	3.7760	26.7030			
	S	120.472	118.969	122.480	118.122	121.636	131.768		111.379	124.230	120.526			
188	Т	5.7818	3.7655	2.9364	4.0052	3.6105	3.6807	4.0520	3.0756	3.7993	28.9252			
	S	123.349	125.843	115.982	103.927	105.186	103.365		109.402	123.468	111.266			
189	T	6.0373	3.8066	3.2099	4.0653	3.8557	4.1738		3.6006	6.1662	33.8830			
	S	118.129	124.485	106.099	102.391	98.496			93.450	76.075	94.986			
190	Т	11.2518	8.2139		5.3563	5.0611	4.8377			7.9162	46.8403			
	S	63.384	57.690	80.345	77.712	75.038	78.644	72.929	61.763	59.257	68.710			

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Report: Section Data Report Session: Race

July 20, 2019 NDYCAR

Section Data for Car 20 - Carpenter, Ed SF to T1

Lap			SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
404	Т	8.7480	6.2885	3.5141	5.5378	4.5679	4.3599	5.0361			42.7776	31.9763		35.2232
191	S	81.525	75.354	96.915	75.165	83.139	87.262	83.533	3		75.236	31.142		80.651
102	Т						3.0982	3.7279	3.1043	3.6949	48.1034		23.6815	
192	S						122.799	112.847	108.391	126.956	66.906		108.732	
193	Т	5.9533	3.8299	3.0711	4.1775	4.7133	4.8688	4.5138	3.5086	4.2931	32.9761			
193	S	119.796	123.727	110.895	99.641	80.575	78.141	93.199	95.901	109.266	97.598			
194	Т	5.8369	3.6699	3.2067	4.9292	4.5070	4.1450	4.8342	4.2253	6.1662	35.6835			
194	S	122.185	129.122	106.205	84.446	84.263	91.786	87.022	79.634	76.075	90.193			
195	Т	10.0643	7.1343	4.1983	5.6651	5.1448	4.7389	5.5757	4.3079	5.6993	42.4643			
195	S	70.863	66.420	81.120	73.476	73.817	80.283	75.449	78.107	82.307	75.791			
196	Т	9.5149	6.3218	4.4900	5.3242	4.9992	5.2291	5.6964	4.4561	6.6559	43.1727			
190	S	74.954	74.957	75.850	78.181	75.967	72.757	73.850		70.477	74.547			
197	Т	10.4614	7.0754			5.8736			4.7664	6.3559	45.6115			
19/	S	68.173	66.973	71.522	69.966	64.658	75.253				70.561			
198	T	9.8182	6.5935	4.5331	5.2717	5.1504	4.9345	4.9559	4.4142	5.9866	41.8399			
190	S	72.639	71.868	75.129	78.959	73.737	77.101	84.885		78.357	76.922			
199	Т	8.8657	5.9399	4.0543	5.3186	4.0898	4.7934	5.2127	3.6940	3.5093	36.6120			
199	S	80.443	79.776	84.002	78.263	92.859	79.370	80.703	91.088	133.671	87.906			
200	Т	4.5774	2.9640	2.3140	2.7529	2.2470	2.1374	2.5641	2.0966	2.7458	19.8218			
200	S	155.805	159.873	147.177	151.204	169.013	177.999	164.066	160.487	170.839	162.367			
201	T	4.0808		2.1642							19.2771			
201	S	174.765	182.066	157.364	151.457			163.900	159.423	173.795	166.955			
202	Т	4.0157	2.5741	2.1123	2.7072		2.1471	2.5725	2.0767	2.6892	19.1137			
202	S	177.598	184.089	161.231		169.951	177.195	163.530	162.025	174.435	168.382			
203	工	4.0883		2.1283	-						19.0790		<u> </u>	
203	S	174.445	181.439	160.019	160.789	171.130	179.130	165.989	159.498	169.770	168.688			
204	工	4.0212	2.5995					-			18.7340			
207	S	177.355		166.196						172.727	171.795			
205	LT	4.0400			·	•		·			18.8414	•		
	S	176.530	-	162.516			180.413		+		170.815			
206	T	4.0346									18.9356			
200	S	176.766	-	163.916			181.359	-			169.966			
207	T	4.0515									18.9800			
	S	176.029			160.361			166.514	+	171.107	169.568			
208	I	4.0388	-			-	-			2.7623	19.1747	1		
	S	176.583		163.515							167.846			
209	T	4.0893									19.3694			
	S	174.402	180.809	160.139	154.780	168.249	178.199	161.770	155.510	168.969	166.159			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	4.1671	2.6459	2.1857	2.6779	2.2936	2.1810	2.6406	2.1492	2.7678	19.5417			
210	S	171.146	179.094	155.817	155.439	165.579	174.440	159.313	156.559	169.482	164.694			
211	Т	4.0443	2.6124	2.0830	2.6439	2.2453	2.1197	2.5201	2.0977	2.7236	19.0457			
211	S	176.342	181.390	163.499	157.438	169.141	179.485	166.931	160.403	172.232	168.983			
212	Т	4.0094	2.5849	2.0722	2.6982	2.2675	2.1225	2.5030	2.0866	2.7321	19.0670			
212	S	177.877	183.320	164.351	154.270	167.485	179.248	168.071	161.256	171.696	168.794			
213	Т	4.0256	2.5936	2.0809	2.6586	2.2562	2.1262	2.5223	2.2213	2.8446	19.3037			
213	S	177.162	182.705	163.664	156.567	168.324	178.936	166.785	151.478	164.906	166.725			
214	T	4.1104	2.6563	2.1197	2.7337	2.2796	2.1447	2.6254	2.1835	2.8161	19.5590			
214	S	173.507	178.392	160.668	152.266	166.596	177.393	160.235	154.100	166.575	164.548			
215	Т	4.1181	2.6466	2.1417	2.6799	2.2595	2.1366	2.5804	2.1687	2.7949	19.4083			
215	S	173.182	179.046	159.018	155.323	168.078	178.065	163.030	155.152	167.838	165.826			
216	Т	4.1109	2.6458	2.1267	2.6841	2.2582	2.1381	2.6079	2.1920	2.8059	19.4587			
210	S	173.486	179.100	160.139	155.080	168.175	177.940	161.311	153.502	167.180	165.396			
217	Т	4.1331	2.6511	2.1586	2.7823	2.2935	2.2117	2.8055	2.2041	2.8153	19.9221			
217	S	172.554	178.742	157.773	149.606	165.587	172.019	149.949	152.660	166.622	161.549			
218	Т	4.0840	2.6377	2.1069	2.7718	2.2981	2.1488	2.5721	2.1926	2.8107	19.5387			
210	S	174.628	179.650	161.644	150.173	165.255	177.054	163.556	153.460	166.895	164.719			
219	T	4.0912	2.6399	2.1143	2.7399		2.1570	2.6253	2.2165	2.8158	19.5985			
	S	174.321	179.501	161.078	151.922	165.854	176.381			166.592	164.217			
220	T	4.1235	2.6571	2.1335		2.2687	2.1391	-			19.4376			
	S	172.955	178.339	159.629	154.671	167.397	177.857	163.728		167.610	165.576		1	
221	T	4.0579	2.6242	2.0919					+	2.7978	19.4197			
	S	175.751	180.575		151.534				+	167.664	165.729			
222	Ҵ	4.0390	2.6195		2.7224					2.7783	19.3241			
	S	176.574	180.899							168.841	166.549			
223	T	4.0350	2.6157	2.0661	2.7688						19.5701			
<u> </u>	S	176.749	181.161	164.836					+	166.150	164.455			
224	I	4.0478	2.6261	2.0736	•	2.2847			+	2.8169	19.4903			
<u> </u>	S	176.190	180.444	164.240		166.224				166.527	165.128			
225	T	4.0629	2.6295		2.7116					2.8702	19.5814			
	S	175.535	180.211	163.131	153.507	166.684	178.216			163.435	164.360			
226	T	4.1148	2.6607	2.1202						2.8122	19.6072			
	S	173.321	178.097	160.630			+			166.806	164.144		 	
227	I	4.1042	2.6486				2.1558	-	 	2.8099	19.6159			
	S	173.769	178.911	160.607	150.744		-			166.942	164.071			
228	T	4.0687	2.6354		2.7588					2.8045	19.5952			
	S	175.285	179.807	163.209	150.881	163.568	175.600	160.707	152.687	167.264	164.244			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 20 - Carpenter, Ed

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI to	o PO PO to SF	SF to PI
	T	4.0485	2.6181	2.0841	2.8686	2.3421	2.1774	2.6460	2.2474	2.8368	19.8205		
229	S	176.160	180.995	163.413	145.106	162.151	174.729	158.988	149.718	165.359	162.377		
220	Т	4.1291	2.6586	2.1413	2.8133	2.3231	2.1615	2.6405	2.2868	2.8678	19.8929		
230	S	172.721	178.238	159.047	147.958	163.477	176.014	159.319	147.139	163.572	161.786		
231	Т	4.1748	2.6831	2.1712	2.7510	2.2994	2.1569	2.6478	2.2530	2.8508	19.8132		
231	S	170.830	176.611	156.857	151.309	165.162	176.390	158.880	149.346	164.547	162.437		
232	Т	4.1493	2.6710	2.1537	2.9481	2.3822	2.2139	2.6675	2.2300	2.8275	20.0939		
232	S	171.880	177.411	158.132	141.193	159.421	171.848	157.706	150.887	165.903	160.168		
233	Т	4.1704	2.6741	2.1732	2.7778	2.3179	2.1592	2.6114	2.2447	2.8325	19.7908		
233	S	171.010	177.205	156.713	149.849	163.843	176.202	161.094	149.899	165.610	162.621		
234	Т	4.1099	2.6489	2.1326		2.3100	2.1498	2.6143	2.2387	2.8370	19.7202		
234	S	173.528	178.891	159.696	149.252	164.404	176.972	160.916	150.300	165.348	163.203		
235	T	4.1789	2.6750	2.1921	2.8475	2.3413	2.1777	2.6746	2.2652	2.8523	20.0257		
233	S	170.663	177.145	155.362	146.181	162.206	174.705	157.288	148.542	164.461	160.713		
236	T	4.1881	2.6822	2.1868	2.7416	2.2990	2.1850	2.6737	2.3614	2.9529	20.0826		
230	S	170.288	176.670	155.738	151.827	165.190	174.121	157.341	142.491	158.858	160.258		
237	T	4.1667	2.6995	2.1408	2.7853	2.3096	2.1659	2.6865	2.3814	2.9577	20.1267		
237	S	171.162	175.538	159.085	149.445	164.432	175.657	156.591	141.294	158.600	159.907		
238	工	4.2137	2.7106		•	2.3599	2.1931	2.6997	2.2836	2.8671	20.2209		
250	S	169.253	174.819	155.192	142.923	160.927	173.478	155.825	147.345	163.612	159.162		
239	T	4.1797	2.6814	2.1809		2.3051	2.2109		2.4252	2.9555	20.3072		
233	S	170.630	176.722	156.159		164.753	172.081	152.344	138.742	158.718	158.486		
240	ፗ	4.2332	2.7210	2.1987		2.3326			2.2881	2.8552	20.1527		
240	S	168.473	174.151	154.895	•	162.811	173.091	154.793	147.055	164.294	159.701		
241	ፗ	4.1581	2.6648	2.1837	-	2.3318			2.2562	2.8445	20.0717		
	S	171.516	177.823	155.959		162.867	173.763	154.135	149.135	164.912	160.345		
242	I	4.2263	2.6952	2.2381		2.3233	2.2057	2.7731	2.3570	2.9114	20.3474		
	S	168.749	175.818	152.168		163.463	172.487	151.701	142.757	161.122	158.173		
243	Ҵ	4.2044	2.7060			2.3314			2.2767	2.8502	20.0845		
	S	169.627	175.116	156.117		162.895	174.018			164.582	160.243		
244	I	4.1907	2.6842	2.1917		2.3803	2.2246		2.3216	2.9031	20.3070		
	S	170.182	176.538	155.390		159.548	171.022	154.589	144.933	161.583	158.487		
245	I	4.1945	2.6939	2.1892	+	2.3575			2.2522	2.8493	20.1492		
	S	170.028	175.902	155.567	•	161.091	172.495	156.492	149.399	164.634	159.728		+
246	ፗ	4.1339	2.6610	2.1468		2.3373	2.1910		2.2866	2.8486	20.0441		
	S	172.520	178.077	158.640		162.484	173.644		147.152	164.674	160.566		
247	I	4.1777	2.6732	2.1918		2.3311	2.2088			2.8436	20.0910		
27,	S	170.712	177.265	155.383	146.588	162.916	172.245	153.483	148.752	164.964	160.191		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Race

TAG July 20, 2019 INDYCAR

Section Data for Car 20 - Carpenter, Ed

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	4.1559	2.6642	2.1718	2.9494	2.3926	2.2137	2.7089	2.2587	2.8427	20.2020			
240	S	171.607	177.863	156.814	141.130	158.728	171.864	155.296	148.969	165.016	159.311			
249	Т	4.1852	2.6787	2.1957	2.9043	2.3522	2.2143	2.7769	2.2509	2.8366	20.2096			
249	S	170.406	176.901	155.107	143.322	161.454	171.817	151.493	149.486	165.371	159.251			
250	Т	4.1919	2.6778	2.1993	2.7724	2.3017	2.1828	2.6532	2.1684	2.8019	19.7575			
250	S	170.133	176.960	154.853	150.141	164.997	174.297	158.556	155.173	167.419	162.895			
251	Т	4.1374	2.6462	2.1698	2.6999	2.2661	2.1486	2.6131	2.2167	2.8294	19.5898			
251	S	172.374	179.073	156.958	154.172	167.589	177.071	160.990	151.792	165.792	164.290			
252	Т	4.1405	2.6522	2.1633	2.6907	2.2685	2.1446	2.6270	2.3027	2.9308	19.7798			
232	S	172.245	178.668	157.430	154.700	167.411	177.401	160.138	146.123	160.056	162.711			
253	Т	4.2690	2.7396	2.2009	2.8254	2.4508					30.7387	31.4605		23.1764
255	S	167.061	172.968	154.740	147.324	154.959					104.702	31.652		122.573
254	T						2.5079	2.7158	2.1305	2.7507	42.7727		18.8745	
234	S						151.702	154.902	157.933	170.535	75.244		136.424	
255	T	4.1235	2.6376	2.1345	2.5785	2.2163	2.1561	2.5016	2.0615	2.7084	18.9945			
233	S	172.955	179.657	159.554	161.431	171.354	176.455	168.165	163.220	173.199	169.439			
256	T	4.0445	2.5979	2.0718	2.5219	2.1950	2.1234	2.4963	2.0403	2.6898	18.7364			
230	S	176.334	182.403	164.383	165.054	173.017	179.172	168.522	164.916	174.396	171.773			
257	工	4.0662	2.5975	2.0972	2.5124	2.1882	2.1284	2.5023	2.0709	2.7292	18.8261			
257	S	175.393	182.431	162.392	165.678	173.555	178.751	168.118	162.479	171.879	170.954			
258	T	4.0714	2.6119				2.1065	2.5568	2.1335	2.7455	19.0322			
	S	175.169	181.425		162.123		180.610			170.858	169.103			
259	ፗ	4.2424	2.6791	2.2511	2.7260		2.1515				19.5583			
	S	168.108	176.874	151.290	152.696	168.571	176.832	161.627			164.554			
260	ፗ	4.0973	2.6414		2.6933		2.1279				19.1740			
	S	174.061	179.399		154.550	167.146	178.793	167.223			167.852			
261	T	4.0699	2.6147	2.1009		2.2584	2.1253				19.1705			
	S	175.233	181.231	162.106		168.160	179.012	166.964		170.084	167.883			
262	I	4.1256		2.1366		2.2294					19.3773			
	S	172.867	179.338		158.989	170.348	177.484	161.900	151.676	168.103	166.091			
263	T	4.2229	2.6564		3.1434					ļ				
	S	168.884	178.386	148.196	132.420	1.190								

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	7.0101	9.9673	4.3257	5.6608	5.2205	5.2194	4.4943	3.8320	4.2485	40.0113		33.2346	
1	S	67.597	71.552	78.731	73.532	72.746	72.892	93.603	87.807	110.413	80.437		77.478	
	Т	3.8697	5.9055	2.9004	3.4543	2.9682	3.0166	3.2650	2.4873	2.9795	24.9410			
2	S	122.455	120.766	117.421	120.502	127.947	126.120	128.846	135.278	157.439	129.041			
3	Т	3.0328	4.7913	2.5102	2.8877	2.3318	2.3286	2.8480	2.3347	2.8709	21.1447			
	S	156.246	148.849	135.674	144.146	162.867	163.383	147.711	144.120	163.395	152.208			
4	Т	2.9337	4.7045	2.5129	2.8133	2.3030	2.2360	2.8168	2.2808	2.7793	20.6758			
	S	161.524	151.596				170.150	149.347		168.780	155.660			
5	Т	2.7813	4.4354	2.3640	2.7510	2.2759	2.2220	2.7899	2.2512	2.7689	20.2042			
	S	170.375	160.793	144.064	151.309		171.222	150.787		169.414	159.294			
6	Т	2.7699	4.3905	2.3066			2.2136			2.7740	19.9499			
	S	171.076	162.437	147.649			171.871	155.509		169.103	161.324			
7	Т	2.7548	4.2939	2.1915	2.6255	2.2208			2.1026	2.7963	19.4374			
	S	172.014	166.092	155.404	158.541	171.007	177.153			167.754	165.578			
8	工	2.7032	4.2552	2.2117	2.6282	2.2607	2.1912	2.6298	2.1650	2.7907	19.5805			
	S	175.297	167.602	153.985	158.378		173.628			168.091	164.368			
9	T	2.6801	4.2277	2.2096				-		2.7566	19.6118			
	S	176.808	168.693	154.131	156.626		174.496			170.170	164.105			
10	T	2.7384	·	2.2549		·	2.1866			2.8753	19.9457			
	S	173.044	165.276				173.994			163.145	161.358			
11	T	2.6919	-	2.1932	2.6733	-	-			2.8010	19.6375			
	S	176.033	168.996	155.284						167.473	163.891			
12	Т	2.7101	4.2217	2.1635					+	2.9036	19.6760			
	S	174.851	168.932	157.415			176.169			161.555	163.570		ļ	
13	T	2.7226				-	-	-		2.7952	19.7406			
	S	174.048					175.373			167.820	163.035			
14	Т	2.6796			2.6516		2.1378			2.7985	19.4094			
	S	176.841	170.133			168.496	177.965			167.622	165.817			
15	I	2.6680					2.1395	•		3.6722	20.3637			
	S	177.610	172.245		155.701	168.212	177.824			127.741	158.046			
16	T	3.6367	5.6521	2.8549	3.3408		2.8330	3.5882		4.0249	26.1268			
	S	130.300	126.180	119.293	124.596		134.294			116.547	123.184			
17	T	4.2121	6.4350	3.1553	3.7966		3.0661	3.6175		3.4335	27.3301			
	S	112.501	110.829	107.935	109.638	119.088	124.084	116.291		136.622	117.760			\vdash
18	T	3.5273	5.5490	2.9134	4.2130		5.3525	5.4710		6.5805	37.1273			
	S	134.342	128.524		98.801	83.313	71.080	76.893		71.285	86.686	24 0224		25 5262
19	T	6.4122	9.4536	4.2942	5.0924		4.2921	4.4593			43.2669	31.8221		35.5269
	S	73.900	75.440	79.309	81.739	77.340	88.641	94.338			74.385	31.293		79.962

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
20	T						2.7508	3.1689	2.5296	3.1098	45.0236		20.9415	5
20	S						138.307	132.753	133.016	150.843	71.483		122.959)
21	Т	2.9957	4.7529	2.5566	3.2459	3.2932	4.8234	5.0132	3.8923	5.6081	31.4284			
21	S	158.181	150.052	133.211	128.239	115.320	78.877	83.915	86.447	83.645	102.404			
22	Т	5.7401	8.7598	4.3314	5.7779	5.1150	5.3158	4.4707	3.4866	6.1021	40.3396			
	S	82.553	81.415	78.628	72.042	74.247	71.571	94.098	96.506	76.874	79.783			
23	Т	6.8959	9.8269	3.9369	4.5977	4.5025	5.0060	4.2897	3.8035	6.0149	39.0471			
	S	68.717	72.574	86.507	90.534	84.347	76.000	98.068	88.465	77.988	82.424			
24	Т	4.7151	6.8612	3.1074	4.1162	3.1158	2.6178	2.6863	2.2304	2.8523	25.4413			
24	S	100.499	103.944	109.599	101.125	121.886	145.334	156.603	150.860	164.461	126.503			
25	T	2.6942	4.2340	2.2084	2.6570	2.2615	2.1371	2.5686	2.1087	2.7210	19.3565			
	S	175.883	168.442	154.215	156.662	167.930	178.024	163.779	159.566	172.397	166.270			
26	Т	2.6034	4.1462	2.2320	2.7636	2.2747	2.1756	2.6711	2.1953	2.7840	19.6997			
20	S	182.017	172.009	152.584	150.619	166.955	174.873	157.494	153.272	168.495	163.373			
27	Т	2.7054	4.2471	2.2160	2.6643	2.2272	2.1722	2.7014	2.1775	2.7651	19.6291			
	S	175.155	167.922	153.686	156.232	170.516	175.147	155.727	154.525	169.647	163.961			
28	T	2.7128	4.2732	2.2449	2.7480	2.2484	2.2005	2.6834	2.1794	2.7624	19.7798			
	S	174.677	166.896	151.708	151.474	168.908	172.895	156.772	154.390	169.813	162.711			
29	T	2.6833	4.2949	2.3178	2.7732	2.2976	2.1967	2.6336	2.1606	2.7121	19.7749			
29	S	176.597	166.053	146.936	150.097	165.291	173.194	159.736	155.733	172.962	162.752			
30	Т	2.7178	4.2533	2.1927	2.6202	2.2378	2.1498	2.6688	2.2074	2.7815	19.5760			
	S	174.356	167.677	155.319	158.862	169.708	176.972	157.630	152.431	168.647	164.405			
31	Т	2.7082	4.2771	2.2318	2.6367	2.2417	2.1736	2.6323	2.1732	2.8621	19.6596			
31	S	174.974	166.744	152.598	157.868	169.413	175.034	159.815	154.830	163.897	163.706			
32	T	2.6464	4.1828	2.2458	2.8732	2.3072	2.1617	2.6028	2.1115	2.7480	19.6966			
32	S	179.060	170.503	151.647	144.873	164.603	175.998	161.627	159.355	170.703	163.399			
33	T	2.6033	4.1057	2.1786	2.7290	2.3004	2.1661	2.6719	2.2026	2.8044	19.6563			
	S	182.024	173.705	156.324	152.528	165.090	175.640	157.447	152.764	167.270	163.734			
34	T	2.6552	4.1376		2.6194	2.2317	2.1293	2.5719	2.1513	2.7698	19.2654			
	S	178.466	172.366	159.382	158.910	170.172	178.676	163.568	156.406	169.359	167.056			
35	Т	2.6734	4.1619		2.7528		2.2062	2.7826	2.3101	2.8582	20.0363			
	S	177.251	171.360	158.220	151.210		172.448	151.183	145.655	164.121	160.628			
36	Т	2.6977	4.2562	2.2517	2.8044	2.3023	2.2137	2.7496	2.2399	2.8225	20.0818			
	S	175.655	167.563	151.249	148.427	164.954	171.864	152.997	150.220	166.197	160.265			
37	Т	2.6663	4.2263	2.2463	2.7509	2.2945	2.1709	2.6221	2.1899	2.7847	19.7256			
	S	177.723	168.749	151.613	151.314	165.514	175.252	160.437	153.650	168.453	163.159			
38	Т	2.6813	4.1951	2.1683	2.6520	2.2539	2.1329	2.5668	2.1557	2.7851	19.3960			
36	S	176.729	170.004	157.067	156.957	168.496	178.374	163.893	156.087	168.429	165.931			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	2.6783	4.1684	2.1395	2.7370	2.2936	2.1662	2.6422	2.2002	2.8114	19.6684			
39	S	176.927	171.092	159.181	152.083	165.579	175.632	159.216	152.930	166.853	163.633			
40	Т	2.6223	4.1100	2.1709	2.7560	2.2954	2.1658	2.6026	2.1912	2.8208	19.6250			
40	S	180.705	173.524	156.879	151.034	165.449	175.665	161.639	153.558	166.297	163.995			
41	T	2.6438	4.1523	2.1821	2.7334	2.2902	2.2132	2.7654	2.2846	2.8776	19.9903			
41	S	179.236	171.756	156.074	152.283	165.825	171.902	152.123	147.281	163.015	160.998			
42	Т	2.7971	4.3183	2.1748	2.6407	2.2411	2.1996	2.6829	2.1840	2.7942	19.7144			
42	S	169.412	165.153	156.597	157.629	169.458	172.965	156.801	154.065	167.880	163.251			
43	Т	2.6281	4.1111	2.1396	2.6951	2.2929	2.1985	2.7256	2.2594	2.8748	19.8140			
5	S	180.307	173.477	159.174	154.447	165.630	173.052	154.345	148.923	163.173	162.431			
44	T	2.6910	4.1985	2.1735		2.2901	2.1796		2.2215	2.8204	19.7450			
77	S	176.092	169.866	156.691	153.479	165.832	174.552	158.342	151.464	166.321	162.998			
45	┸	2.6811	4.1597	2.1227	2.6664	2.2592	2.1507	2.5717	2.2373	2.8420	19.5311			
43	S	176.742	171.450	160.441	156.109	168.101	176.898	163.581	150.394	165.057	164.783			
46	工	2.6916	4.1874	2.1661	2.7103	2.2796	2.1695	2.6429	2.2055	2.8684	19.7339			
10	S	176.053	170.316	157.226	153.581	166.596	175.365		152.563	163.537	163.090			
47	工	2.7045	4.2530	2.2293	2.7257	2.2902	2.1611	2.5884	2.2228	2.8289	19.7509			
	S	175.213	167.689	152.769	152.713		176.047	162.526	151.375	165.821	162.950			
48	ഥ	2.6695	4.1453	2.1297	2.7303		2.1802	2.6251	2.2734	2.8639	19.7668			
40	S	177.510	172.046	159.914	152.456	165.500	174.504			163.794	162.818			
49	T	2.6994	4.2075	2.1803	2.7850					2.8387	19.9260			
77	S	175.544	169.503	156.202	149.461	163.280	172.518		150.630	165.248	161.518			
50	ഥ	2.6652	4.1927	2.2086						2.8589	20.0514			
	S	177.797	170.101	154.201	148.105	162.762	172.777	156.626	147.126	164.081	160.507			
51	工	2.7310	4.2882	2.2752	3.2082	3.1789	3.4060	4.2167	3.6077	4.7355	27.3592			
<u> </u>	S	173.513	166.313	149.687	129.746	119.467	111.701	99.766	93.266	99.058	117.635			
52	Т	4.2681	6.4820	3.1393	3.7629	3.4022	3.4544		3.8729	5.1071	31.2366			
J-	S	111.024	110.025	108.485	110.619	111.626	110.136	99.459	86.880	91.851	103.033			
53	T	5.1994	8.1838	4.1990	5.2520	5.3199	5.5675		4.9993	6.2183	42.2577			
	S	91.138	87.146	81.107	79.256		68.335	76.456	67.305	75.437	76.161			
54	Т	6.2366	9.3609	4.4875	5.8528	4.8552	4.9307	5.4839	4.7633	6.2167	42.8267			
<u> </u>	S	75.981	76.187	75.893	71.120	78.220	77.160	76.712	70.640	75.457	75.149			
55	T	6.7108	10.2745	5.1908	6.0873	5.6326	5.6800	8.2326			63.6054	1647.6464		48.7154
	S	70.612	69.413	65.610	68.380	67.424	66.981	51.100			50.599	0.604		58.314
56	T						3.7176	4.2053	3.3627	5.1608	1661.5876		28.8312	
	S						102.339	100.036	100.062	90.895	1.937		89.311	
57	Т	5.4701	8.0814		4.7064				3.9905	5.1110	37.2908			
	S	86.628	88.250	91.119	88.443	87.268	76.433	85.058	84.320	91.781	86.305			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

Section Data for Car 21 - Pigot, Spencer

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	5.9203	8.6243	3.7278	4.1743	4.1642	4.2448	4.8904			41.1986	32.5369)	33.6082
58	S	80.040	82.694	91.359	99.717	91.199	89.628	86.022			78.119	30.605	5	84.527
	Т						3.5791	4.0499	3.1740	3.7246	49.2639		24.3174	
59	S						106.299	103.875	106.010	125.944	65.330		105.889	
60	Т	3.8055	5.8506	2.9487	3.6936	3.0070	3.2726	4.4400	3.8560	6.2403	31.2637			
60	S	124.521	121.899	115.498	112.695	126.296	116.255	94.748	87.261	75.171	102.944			
61	Т	6.9640	9.9322	4.2592	5.1672	5.4202	4.9335	5.7041	4.2326	5.1369	41.8177			
91	S	68.045	71.805	79.961	80.556	70.066	77.117	73.751	79.497	91.318	76.963			
62	Т	5.4095	8.3349	4.0813	3.8666	3.9816	4.1809	4.9873	3.9344	5.5947	36.0363			
02	S	87.598	85.566	83.446	107.653	95.382	90.998	84.351	85.522	83.846	89.310			
63	Т	5.9319	8.2967	3.5573	5.1173	5.4506	5.8197	5.1155	4.4306	6.4556	41.8785			
03	S	79.884	85.960	95.738	81.342	69.675	65.374	82.237	75.944	72.664	76.851			
64	T	5.2229	8.2493	4.1991	5.6012	4.7376	5.1814	5.0936	4.0826	4.8703	38.9887			
04	S	90.728	86.454	81.105	74.314	80.161	73.427	82.590	82.417	96.317	82.547			
65	T	4.7800	7.3523	3.7385	4.4275	3.6464	4.5178	5.0584	2.8953	3.1389	32.2028			
05	S	99.135	97.001	91.098	94.015	104.150	84.212	83.165	116.215	149.444	99.942			
66	Т	2.8561	4.4894	2.3442	2.8038	2.3280	2.2137	2.6775	2.1500	2.7577	20.1310			
00	S	165.913	158.859	145.281	148.459	163.133	171.864	157.117	156.501	170.102	159.873			
67	T	2.7493	4.2627		2.6968	2.2543	2.1521	2.5583	2.0818		19.3726			
07	S	172.358	167.308	156.792	154.350	168.466	176.783	164.438	161.628	173.231	166.132			
68	T	2.6242	4.1187	2.1500	2.6379	2.2388	2.1505	2.5374	2.1007	2.7124	19.1519			
08	S	180.575	173.157	158.404	157.796	169.632	176.914	165.792	160.174	172.943	168.046			
69	T	2.6154	4.0860		2.5902	2.2119		2.5212	2.0984	2.7251	18.9839			
	S	181.182	174.543		160.702	171.695	180.131	166.858	160.349		169.533			
70	T	2.5909	4.0457	2.0997	2.5704	2.1966	2.0968	2.4909	2.0979	2.7178	18.8610			
	S	182.895	176.281	162.198	161.940	172.891	181.445	168.887	160.388	172.599	170.638			
71	T	2.5848	4.0159		2.6075						18.9722			
	S	183.327	177.590					167.950		170.554	169.638			
72	Т	2.5759	3.9982	+	+		•				19.0466			
	S	183.960	178.376	164.430	156.373		-	166.759	158.156	171.001	168.975			
73	T	2.6018	4.0424					2.5776			19.2460			
	S	182.129	176.425			168.496				169.967	167.224			
74	Т	2.6203	4.0854		+	2.2575		2.5439			19.2198			
	S	180.843	174.568		155.776			165.369	+		167.452		ļ	
75	T	2.6056	4.0736		2.6700			2.5414			19.2396			
	S	181.864	175.074		155.899	169.028		165.532		-	167.280			
76	Т	2.6437	4.1193			2.2492				2.7740	19.2769			
	S	179.243	173.132	160.426	157.402	168.848	179.037	165.044	155.152	169.103	166.956			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series

July 20, 2019

Section Data for Car 21 - Pigot, Spencer

Race

Report: Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6172	4.0670	2.1062	2.6707	2.2537	2.1366	2.5590	2.1995	2.8253	19.3682		1	
77	S	181.057	175.358	161.698	155.858	168.511	178.065	164.393	152.979	166.032	166.169			
70	Т	2.6480	4.1212	2.1401	2.7544	2.2943	2.1569	2.5772	2.1872	2.7862	19.5443			
78	S	178.952	173.052	159.137	151.122	165.529	176.390	163.232	153.839	168.362	164.672			
70	Т	2.6569	4.1344	2.1326	2.7036	2.2864	2.1620	2.6267	2.2062	2.8166	19.5910			
79	S	178.352	172.499	159.696	153.961	166.101	175.973	160.156	152.514	166.545	164.280			
80	Т	2.6727	4.1551	2.1400	2.6968	2.2754	2.1593	2.6263	2.1818	2.7988	19.5511			
80	S	177.298	171.640	159.144	154.350	166.904	176.193	160.180	154.220	167.604	164.615			
81	Т	2.6478	4.1187	2.1380	2.7099	2.2741	2.1568	2.6033	2.1701	2.7943	19.4943			
91	S	178.965	173.157	159.293	153.603	166.999	176.398	161.596	155.052	167.874	165.094			
02	Т	2.6406	4.0923	2.1067	2.7309	2.2937	2.1696	2.6167	2.1758	2.7871	19.5211			
82	S	179.453	174.274	161.660	152.422	165.572	175.357	160.768	154.645	168.308	164.868			
02	Т	2.6353	4.1027	2.1281	2.6763	2.2638	2.1498	2.6123	2.2278	2.8227	19.5161			
83	S	179.814	173.832	160.034	155.532	167.759	176.972	161.039	151.036	166.185	164.910			
84	Т	2.6615	4.1475	2.1532	2.7143	2.2843	2.1711	2.6579	2.2620	2.8422	19.7465			
04	S	178.044	171.955	158.168	153.354	166.253	175.236	158.276	148.752	165.045	162.986			
85	Т	2.6842	4.1900	2.1805	2.7253	2.2827	2.1545	2.6297	2.2365	2.8236	19.7170			
05	S	176.538	170.210	156.188	152.735	166.370	176.586	159.973	150.448	166.132	163.230			
86	Т	2.7100	4.2320	2.1962	2.7590	2.3060	2.1893	2.6916	2.2971	2.8703	20.0195			
80	S	174.857	168.521	155.072	150.870	164.689	173.779	156.294	146.479	163.429	160.763			
87	Т	2.7300	4.2708	2.2237	2.7144	2.2824	2.2158	2.6953	2.2881	2.9248	20.0745			
07	S	173.576	166.990	153.154	153.349	166.392	171.701	156.080	147.055	160.384	160.323			
88	Т	2.7133	4.2445	2.2041	2.7166	2.2747	2.1450	2.6514	2.3313	2.8875	19.9239			
00	S	174.645	168.025	154.516	153.225	166.955	177.368	158.664	144.330	162.456	161.535			
89	Т	2.7023	4.2068	2.1798	2.7118	2.2787	2.1673	2.6465	2.2477	2.8420	19.7761			
09	S	175.356	169.531	156.238	153.496	166.662	175.543	158.958	149.698	165.057	162.742			
90	Т	2.6792	4.1605	2.1476	2.7044	2.2764	2.1779	2.6822	2.2513	2.8217	19.7407			
90	S	176.868	171.417	158.581	153.916	166.830	174.689	156.842	149.459	166.244	163.034			
91	Т	2.6417	4.0847	2.1017	2.7010	2.2811	2.1668	2.6413	2.2147	2.8092	19.5575			
21	S	179.378	174.598	162.044	154.110	166.487	175.584	159.271	151.929	166.984	164.561			
92	Т	2.6442	4.0980	2.1139	2.6939	2.2783	2.1549	2.6109	2.2542	2.8516	19.6019			
92	S	179.209	174.032	161.109	154.516	166.691	176.553	161.125	149.267	164.501	164.188			
03	Т	2.6945	4.1912	2.1609	2.6952	2.2784	2.1555	2.6007	2.2535	2.8565	19.6952			
93	S	175.863	170.162	157.605	154.441	166.684	176.504	161.757	149.313	164.219	163.410			
04	Т	2.6688	4.1375	2.1342	2.7211	2.2909	2.1708	2.6465	2.2154	2.8105	19.6582			
94	S	177.557	172.370	159.577	152.971	165.774	175.260	158.958	151.881	166.907	163.718			
0.5	Т	2.6510				2.2827	2.1660		2.2138	2.8265	19.6081			
95	S	178.749	172.721	158.773	153.950	166.370	175.648	160.608	151.991	165.962	164.136			ĺ

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.6778	4.1671	2.1592	2.7288	2.2929	2.1656	2.6528	2.2098	2.8062	19.6931			
96	S	176.960	171.146	157.729	152.540	165.630	175.681	158.580	152.266	167.162	163.428			
97	Т	2.6569	4.1293	2.1313	2.7517	2.3099	2.1900	2.6723	2.2638	2.8307	19.8066			
9/	S	178.352	172.713	159.794	151.270	164.411	173.724	157.423	148.634	165.716	162.491			
98	Т	2.6669	4.1435	2.1380	2.6955	2.2792	2.1604	2.6245	2.1951	2.8026	19.5622			
96	S	177.683	172.121	159.293	154.424	166.625	176.104	160.290	153.286	167.377	164.521			
99	T	2.6495	4.1182	2.1291	2.7011	2.2810	2.1650	2.6620	2.2206	2.8150	19.6233			
99	S	178.850	173.178	159.959	154.104	166.494	175.730	158.032	151.525	166.640	164.009			
100	Т	2.6524	4.1335	2.1462	2.7259	2.2909	2.1776	2.6627	2.2324	2.8376	19.7257	1		
100	S	178.655	172.537	158.684	152.702	165.774	174.713	157.991	150.724	165.313	163.158			
101	Т	2.6725	4.1696	2.1775	2.7767	2.3090	2.2121	2.7121	2.2893	2.9196	20.0688			
101	S	177.311	171.043	156.403	149.908	164.475	171.988	155.113	146.978	160.670	160.368			
102	T	2.7602	4.2840	2.1899	2.7585	2.3061	2.2191	2.7239	2.2977	2.8871	20.1425			
102	S	171.677	166.476	155.518	150.897	164.682	171.445			162.478	159.782			
103	I	2.8176	4.3922	2.2771	2.9916	2.4143	2.2262	2.7513	2.4367	2.9292	20.8440			
103	S	168.180	162.375	149.562		-	170.899			160.143	154.404			
104	T	2.7891	4.3837	2.3010						2.8928	20.5753			
104	S	169.898	162.689							162.158	156.421			
105	T	2.6864	4.2619		+			+		2.9440	20.6353			
100	S	176.394	167.339				167.417			159.338	155.966			
106	T	2.7765	4.3501	2.2619		2.3005	-	-		2.8926	20.4454			
100	S	170.669	163.946				170.317			162.169	157.414			
107	T	2.7067	4.2491	2.2368	+		2.2483			2.9133	20.3825			
107	S	175.071	167.843		+	164.254		+		161.017	157.900			
108	T	2.8002	4.3830							2.9728	20.6027			
	S	169.225	162.715							157.794	156.213			
109	ፗ	2.7467	4.2749							2.8777	20.2617			
	S	172.521	166.830		+					163.009	158.842			
110	듸	2.7116		2.2180	+	2.3032				•	20.3087			
	S	174.754	167.685	153.547		164.889	169.422			158.386	158.474			
111	I	2.7804	4.3367	2.2444			-			2.8545	20.3732			
	S	170.430	164.453	151.741						164.334	157.972			
112	듸	2.6574	4.1813							2.8917	20.2662		+	
<u> </u>	S	178.319	170.565		+	+				162.220	158.806		+	
113	듸	2.6793	4.2235						 	2.8817	20.2083		+	
	S	176.861	168.860							162.783	159.261		+	
114	፲	2.6964	4.2059								20.2059		+	
	S	175.739	169.567	155.617	152.311	165.956	171.006	150.206	142.346	161.177	159.280			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.7626	4.3260	2.2564	2.8108	2.3396	2.2215	2.8012	2.3656	2.8986	20.4563			
115	S	171.528	164.859	150.934	148.090	162.324	171.260	150.179	142.238	161.834	157.331			
116	Т	2.7291	4.2935	2.2497	2.8043	2.3408	2.2563	2.8055	2.3665	2.9582	20.5104			
116	S	173.634	166.107	151.384	148.433	162.241	168.619	149.949	142.184	158.573	156.916			
117	T	2.7012	4.2717	2.2729	2.7883	2.3163	2.2119	2.7978	2.3462	2.8755	20.3101			
	S	175.427	166.955	149.839	149.285	163.957	172.004	150.362	143.414	163.134	158.463			
118	T	2.7018	4.2292	2.2036	2.7636	2.3096	2.1835	2.6724	2.2608	2.8561	19.9514			
110	S	175.388	168.633	154.551	150.619	164.432	174.241	157.417	148.831	164.242	161.312			
119	Т	2.6986	4.2111	2.1783	2.8158	2.3446	2.2275	2.7010	2.2850	2.8789	20.1297			
119	S	175.596	169.358	156.346	147.827	161.978	170.799	155.750	147.255	162.941	159.883			
120	T	2.6961	4.1910	2.1596			2.1924		2.2478	2.8330	19.8603			
120	S	175.759	170.170	157.700	152.116	165.970	173.533	155.417	149.692	165.581	162.052			
121	I	2.6876	4.2556	2.2667	2.7669		2.2235			2.8909	20.2067			
121	S	176.315	167.587	150.248			171.106	+		162.265	159.274			
122	ፗ	2.6687	4.2119	2.2232	2.7707	2.3220	2.2247	2.8170	2.5550	3.0238	20.6051			
122	S	177.563	169.325	153.188	-		171.014		131.694	155.133	156.194			
123	ፗ	2.7690	4.3086	2.2175					2.2760	2.8505	20.0446			
125	S	171.132	165.525	153.582	151.949		173.494		147.837	164.564	160.562			
124	I	2.6885	4.1916	2.1770		·		2.6839		2.8476	19.9422			
	S	176.256	170.145	156.439	-		174.344			164.732	161.386			
125	I	2.6748	4.1581	2.1478			2.1960			2.8711	19.8859			
123	S	177.159	171.516				173.249		149.075	163.384	161.843			
126	I	2.6956	4.2017	2.1912	2.7688		2.2067	2.7321	2.2868	2.8676	20.0411			
	S	175.792	169.736	155.425	150.336		172.409		147.139	163.583	160.590			
127	I	2.7055	4.2313	2.2228				2.7543		2.8736	20.3667			
	S	175.148	168.549		-	-	169.113			163.242	158.023			
128	I	2.7253	4.2584			2.3262	2.2194			2.8751	20.2144			
	S	173.876	167.476	153.388	148.285		171.422	154.447	145.209	163.156	159.213			
129	I	2.7412	4.2856	2.2277	2.7903			2.8186		2.9567	20.5061			
-	S	172.867	166.414	152.879	149.178		170.899	149.252	137.912	158.654	156.948			
130	I	2.7395	4.2666	2.2036	-	2.3695	-			2.9222	20.5057			
-	S	172.974	167.155	154.551	144.576		169.664		141.734	160.527	156.951		-	
131	ᄑ	2.7274	4.2499	2.1899		2.3307	2.2538			2.9067	20.2719		+	
	S	173.742	167.811	155.518			168.806		144.163	161.383	158.762		+	
132	듸	2.7271	4.2515	2.2058	•		2.2368		2.3419	2.8857	20.3140		+	
-	S	173.761	167.748		146.779		170.089			162.557	158.433		+	
133	I	2.7196	4.2512				2.2844			2.8774	20.4039			
	S	174.240	167.760	153.575	147.538	162.074	166.545	149.539	144.585	163.026	157.735			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	2.6899	4.2351	2.2345	2.8403	2.3308	2.2031	2.9862	2.7466	3.0700	21.1014			
134	S	176.164	168.398	152.414	146.551	162.937	172.691	140.875	122.507	152.798	152.521			
125	Т	2.7944	4.3521	2.2328	2.9362	2.3904	2.2698	2.8025	2.3304	2.8690	20.6255			
135	S	169.576	163.871	152.530	141.765	158.874	167.616	150.109	144.386	163.503	156.040			
136	Т	2.7277	4.2566	2.2055	2.8510	2.3380	2.2588	2.7884	2.3784	2.9532	20.5010			
130	S	173.723	167.547	154.418	146.001	162.435	168.432	150.869	141.472	158.842	156.987			
137	Т	2.7947	4.3852	2.2870	2.9614	2.4669	3.1457	4.5076			31.7928	31.0437		24.2321
13/	S	169.558	162.634	148.915	140.559	153.947	120.944	93.327			101.230	32.077		117.233
138	Т						2.4739	2.6719	2.1907	2.7692	42.2128		18.7298	
136	S						153.787	157.447	153.593	169.396	76.242		137.478	
139	Т	2.6951	4.2338	2.2161	2.7835	2.2911	2.1688	2.6632	2.1887	2.7792	19.7857			
139	S	175.824	168.450	153.679	149.542	165.760	175.422	157.961	153.734	168.786	162.663			
140	Т	2.6170	4.1259	2.1871	2.7142	2.2873	2.1685	2.5973	2.0956	2.7267	19.3937			
140	S	181.071	172.855	155.717	153.360	166.035	175.446	161.969	160.564	172.036	165.951			
141	Т	2.6095	4.1094	2.1573	2.6329	2.2455	2.1817	2.6995	2.1773	2.7520	19.4557			
141	S	181.592	173.549	157.868	158.096	169.126	174.384	155.837	154.539	170.455	165.422			
142	Т	2.5980	4.0820	2.1477	2.6414	2.2292	2.1190	2.5674	2.1902	2.7959	19.2888			
142	S	182.396	174.714	158.573	157.587	170.363	179.544	163.855	153.629	167.778	166.853			
143	T	2.6062	4.1169	2.1815	2.7397	2.2948	2.1551	2.5921	2.2070	2.7855	19.5619			
143	S	181.822	173.233	156.117	151.933	165.493	176.537	162.294	152.459	168.405	164.524			
144	Т	2.6406	4.1530	2.1746	2.6249	2.3189	2.2109	2.6473	2.1748	2.7872	19.5792			
144	S	179.453	171.727	156.612	158.577	163.773	172.081	158.910	154.716	168.302	164.379			
145	┸	2.6153	4.0666	2.0908	2.6455	2.2577	2.1563	2.6301	2.2219	2.8126	19.4302			
143	S	181.189	175.375	162.889	157.343	168.212	176.439	159.949	151.437	166.782	165.639			
146	T	2.6675	4.1779				2.1447	2.6166	2.2263	2.8050	19.5144			
140	S	177.643	170.703	157.321	157.599	168.916	177.393	160.774	151.137	167.234	164.924			
147	T	2.6543	4.1496		2.6780		2.1805	2.6737	2.2141	2.8087	19.6338			
17/	S	178.527	171.868	157.692	155.433		174.480	157.341	151.970	167.014	163.921			
148	T	2.6317	4.1214		2.7425			2.5738	2.1922	2.7961	19.5008			
170	S	180.060	173.044	158.058	151.778		177.791	163.448	153.488	167.766	165.039			
149	Т	2.6298	4.0752	2.0925	-		2.1700	-	2.2441	2.8193	19.5657			
179	S	180.190	175.005	162.757	158.408		175.325	154.198	149.939	166.386	164.492			
150	T	2.7395	4.3128		2.7299	2.2759	2.1987	2.7408	2.2052	2.8165	19.9552			
130	S	172.974	165.364	151.451	152.478		173.036	153.489	152.584	166.551	161.281			
151	T	2.6701	4.1850	2.1786	2.7177	2.2779	2.1833	2.6454	2.2195	2.8365	19.7290			
131	S	177.470	170.414	156.324	153.163	166.721	174.257	159.024	151.600	165.377	163.130			
152	Т	2.6687	4.1840	2.1739	2.6275	2.2369	2.1493	2.6688	2.2105	2.8249	19.5605			
152	S	177.563	170.455	156.662	158.421	169.776	177.013	157.630	152.218	166.056	164.536			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
153	Т	2.6760	4.1882	2.1619	2.6037	2.2363	2.1589	2.6738	2.3343	2.8808	19.7257			
153	S	177.079	170.284	157.532	159.869	169.822	176.226	157.335	144.145	162.834	163.158			
154	Т	2.7261	4.2774	2.2175	2.6713	2.2878	2.1798	2.6826	2.2615	2.8313	19.8579			
154	S	173.825	166.733	153.582	155.823	165.999	174.536	156.819	148.785	165.680	162.072			
155	T	2.6611	4.1929	2.2250	2.7266	2.2819	2.1647	2.7285	2.2506	2.8432	19.8816			
155	S	178.071	170.093	153.064	152.663	166.428	175.754	154.181	149.506	164.987	161.878			
156	Т	2.6383	4.1438	2.1656	2.6537	2.2455	2.1494	2.6070	2.1785	2.8308	19.4688			
130	S	179.609	172.108	157.263	156.856	169.126	177.005	161.366	154.454	165.710	165.311			
157	Т	2.6237	4.1027	2.1254	2.6679	2.2688	2.1680	2.6453	2.1665	2.7739	19.4395			
137	S	180.609	173.832	160.237	156.022	167.389	175.486	159.030	155.309	169.109	165.560			
158	Т	2.6339	4.1024	2.1122	2.6657	2.2588	2.1442	2.6200	2.2452	2.8166	19.4966			
136	S	179.910	173.845	161.239	156.150	168.130	177.434	160.566	149.865	166.545	165.075			
159	T	2.6628	4.1473	2.1235	2.6904	2.2875	2.1530	2.6210	2.2227	2.8175	19.5784			
139	S	177.957	171.963	160.381	154.717	166.021	176.709	160.504	151.382	166.492	164.385			
160	Т	2.6360	4.1033	2.1101	2.6351	2.2622	2.1656	2.7028	2.3234	2.8746	19.7098			
100	S	179.766	173.807	161.399	157.964	167.878	175.681	155.647	144.821	163.185	163.289			
161	Т	2.6676	4.1331	2.1135	2.6261	2.2366	2.1295	2.6134	2.2059	2.8089	19.4015			
101	S	177.637	172.554	161.139	158.505	169.799	178.659	160.971	152.535	167.002	165.884			
162	Т	2.6397	4.0985	2.0959	2.5987	2.2324	2.1395	2.6881	2.2337	2.9530	19.5810			
102	S	179.514	174.010	162.493	160.176			156.498	150.637	158.852	164.363			
163	Т	2.6935	4.1721	2.1305	2.6362	2.2452	2.1797	2.7025	2.3017	2.8582	19.7475			
103	S	175.929	170.941	159.854	157.898					164.121	162.978			
164	┸	2.6418	4.1008	2.1320	2.6918	2.2594	2.1919	2.6605	2.1730	2.7898	19.5402			
107	S	179.372	173.913	159.741	154.636		173.573			168.145	164.707			
165	工	2.6180	4.0875	2.1388	2.8417	2.3542	2.2349	2.6946	2.2432	2.8377	19.9631			
103	S	181.002	174.479	159.233	146.479	161.317	170.233	156.120	149.999	165.307	161.217			
166	工	2.6543	4.1137	2.0975	2.6329	2.2546	2.1851	2.7290	2.2552	2.8372	19.6458			
100	S	178.527	173.367	162.369	158.096			154.152		165.336	163.821			
167	ഥ	2.6380	4.0985	2.1049	2.6444		2.1874			2.9049	19.8207			
107	S	179.630	174.010	161.798	157.408	167.841	173.930	153.578	143.843	161.483	162.376			
168	I	2.6833	4.1644		2.7438			2.6420		2.8630	19.7635			
	S	176.597	171.257	158.721	151.706		176.202	159.229		163.846	162.846			
169	I	2.6622	4.1422	2.1257	2.6393			2.7490		2.9280	19.8849			
	S	177.997	172.175	160.215	157.712	168.444		153.031		160.209	161.851			
170	I	2.6885	4.1622	2.1319		2.2783	2.1740			2.8112	19.6227			
	S	176.256	171.347	159.749			175.002			166.865	164.014			
171	Т	2.6205	4.0691	2.1160	2.7488	2.2926	2.1943	2.7172	2.2282	2.8195	19.7371			
	S	180.829	175.268	160.949	151.430	165.652	173.383	154.822	151.009	166.374	163.063			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6199	4.0627	2.0921	2.6599	2.2601	2.2610	2.7579	2.3062	2.8622	19.8193			
172	S	180.871	175.544	162.788	156.491	168.034	168.268	152.537	145.901	163.892	162.387			
173	T	2.6557	4.1224	2.1297	2.8256	2.3361	2.2222	2.6878	2.2260	2.8225	19.9056			
1/3	S	178.433	173.002	159.914	147.314	162.567	171.206	156.515	151.158	166.197	161.683			
174	T	2.6485	4.1401	2.1524	2.6700	2.2591	2.1572	2.7299	2.2776	3.0029	19.8976			
1/4	S	178.918	172.262	158.227	155.899	168.108	176.365	154.102	147.733	156.213	161.748			
175	T	2.7018	4.2081	2.2011	2.8053	2.3255	2.1871	2.6946	2.2415	2.8381	19.9950			
1/3	S	175.388	169.478	154.726	148.380	163.308	173.954	156.120	150.113	165.283	160.960			
176	T	2.6443	4.1571	2.2217	3.1367	2.4832	2.2529	2.7748	2.2616	2.8094	20.5846			
176	S	179.202	171.558	153.292	132.703	152.937	168.873	151.608	148.778	166.972	156.350			
177	T	2.7181	4.3001	2.2603	2.7972	2.3365	2.2130	2.7336	2.3031	2.8686	20.2304			
1//	S	174.336	165.852	150.674	148.810	162.539	171.918	153.893	146.098	163.526	159.087			
170	T	2.6821	4.1870	2.1776	2.7580	2.3009	2.2140	2.7247	2.2894	2.8606	20.0073			
178	S	176.676	170.332	156.396	150.925	165.054	171.840	154.396	146.972	163.983	160.861			
179	Т	2.6700	4.1570	2.1478	2.7503	2.3107	2.1943	2.7334	2.3116	2.9043	20.0224			
1/9	S	177.477	171.562	158.566	151.347	164.354	173.383	153.904	145.560	161.516	160.740			
180	_ T	2.7243	4.2642	2.2027	2.6917	2.2677	2.2092	2.8372	2.4114	2.8961	20.2403			
100	S	173.940	167.249	154.614	154.642	167.470	172.214	148.274	139.536	161.973	159.010			
181	T	2.6860	4.1914	2.1661	2.7287	2.2883	2.2888	2.7871	2.2630	2.8120	20.0200			
101	S	176.420	170.154	157.226	152.545	165.963	166.224	150.939	148.686	166.818	160.759			
182	T	2.6519	4.1971	2.2681	2.8830	2.3223	2.2346	2.7472	2.3092	2.8843	20.3006			
102	S	178.688	169.923	150.156	144.381	163.533	170.256	153.131	145.712	162.636	158.537			
183	┸	2.6796	4.1938	2.1805	2.8523		2.2602	2.7789	2.2712	2.8269	20.2381			
103	S	176.841	170.056	156.188	145.935	159.001	168.328	151.384	148.150	165.938	159.027			
184	T	2.6572	4.1794	2.1974	2.8466	2.3461	2.2673	2.7357	2.2757	2.8195	20.1455			
104	S	178.332	170.642	154.987	146.227	161.874	167.801	153.775	147.857	166.374	159.758			
185	T	2.6956	4.2400	2.2151	2.6786	2.2687	2.2537	2.7551	2.2564	2.8121	19.9353			
103	S	175.792	168.203	153.748	155.398		168.813	152.692	149.121	166.812	161.442			
186	LI	2.6396	4.1718	2.2168	2.7830		2.6074	3.6690	3.4028	4.0016	23.6819			
100	S	179.521	170.953	153.631	149.569		145.913	114.658	98.882	117.226	135.901			
187	T	3.4647	5.4505	2.8468	3.3815	2.7882	2.6507	3.3811	2.9235	4.0717	25.5082			
107	S	136.769	130.847	119.632	123.096	136.207	143.530	124.422	115.094	115.208	126.171			
188	Т	5.1031	7.5899	3.5333	4.5902	3.7425	3.1988	3.5857	3.0081	4.0888	30.8505			
100	S	92.858	93.965	96.388	90.682	101.476	118.937	117.322	111.857	114.726	104.322			
189	T	4.7481	7.2051	3.4958	4.0864	4.0837	4.0530	4.3645	3.7305	6.2576	34.8196			
109	S	99.801	98.983	97.422	101.862	92.997	93.870	96.387	90.196	74.963	92.431			
190	Т	8.0011	11.4574	4.8357	5.6117	4.6990	4.9683	5.7923	5.1705	7.1056	46.1842			
130	S	59.225	62.246	70.428	74.175	80.820	76.576	72.628	65.076	66.017	69.686			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S ^S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	6.7078	9.8610	4.5658	5.8464	4.5729	4.5656	5.0123			44.6626	31.5159		37.0942
191	S	70.644	72.323	74.591	71.198	83.049	83.331	83.930			72.060	31.597		76.583
102	Т						2.9147	3.8544	3.2660	3.6723	47.2681		23.3206	
192	S						130.530	109.143	103.024	127.738	68.088		110.415	
193	Т	4.0646	6.2538	3.1646	4.4233	5.1057	4.8169	4.2421	3.2678	3.8756	32.9606			
193	S	116.583	114.040	107.618	94.104	74.382	78.983	99.168	102.968	121.037	97.644			
194	Т	4.5593	7.2493	3.7890	4.6030	4.1441	4.5181	5.0895	4.4482	6.3593	37.5105			
194	S	103.933	98.379	89.883	90.430	91.642	84.207	82.657	75.643	73.765	85.800			
195	Т	6.5648	9.6478	4.4385	5.6274	4.8857	5.0931	5.1322	4.2757	6.1065	42.1239			
193	S	72.182	73.922	76.730	73.968	77.731	74.700	81.969	78.695	76.818	76.403			
196	Т	6.3431	9.4969	4.4789	5.4682	4.8129	5.2341	5.8043	4.5996	6.7144	43.4555			
190	S	74.705	75.096	76.038	76.122	78.907	72.688	72.478	73.154	69.863	74.062			
197	T	6.9875	10.3337	4.8457	6.1090	5.3099	5.3531	5.7471	4.5924	6.5139	45.4586			
197	S	67.816	69.015	70.283	68.137	71.522	71.072	73.199	73.268	72.014	70.798			
198	Т	6.4090	9.3007	4.0961	5.4397	5.1773	4.9776	5.2394	4.3054	6.2303	41.8748			
190	S	73.937	76.680	83.144	76.521	73.353	76.433	80.292	78.152	75.292	76.858			
199	T	5.7821	8.6294	4.2108	5.1156	4.8002	4.9398	5.3300	3.9429	3.6288	37.7502			
199	S	81.954	82.646	80.880	81.369			78.927	85.338	129.269	85.255			
200	LI	2.9383	4.5234		2.7050	2.2309	2.2184	2.6890	2.1826	2.7910	20.0260			
200	S	161.271	157.665	149.977	153.882		171.500	156.445	154.164	168.073	160.711			
201	I	2.6288	4.1285	2.1612	2.6438			-	2.0500	2.6976	19.0546			
201	S	180.259	172.746	157.583	157.444			168.152	164.135	173.892	168.904			
202	LT	2.5925	4.0355	2.0702	2.5535				2.0613	2.6942	18.7567			
	S	182.783	176.727	164.510	163.012		•	168.515	163.235	174.111	171.587		ļ	
203	LI	2.5851	4.0130	2.0485	2.5522			2.4583	2.0704	2.6998	18.6974			
	S	183.306	177.718	166.252	163.095			171.127	162.518	173.750	172.131			
204	T	2.5774	3.9875	2.0381	2.5955				2.0961	2.7219	18.8325			
	S	183.853	178.854	167.101	160.374			169.459	160.525	172.340	170.896			
205	I	2.5853	3.9955	2.0449	2.6057	+			2.0902	2.7186	18.8576			ļ
	S	183.292	178.496	166.545	159.746		179.978	170.151	160.979	172.549	170.669			<u> </u>
206	T	2.5809	3.9932	2.0373	2.5654			-	2.0987	2.7256	18.8235			<u> </u>
	S	183.604	178.599	167.166	162.255				160.327	172.106	170.978			_
207	I	2.5834	4.0213	2.0912	2.6590			2.5049	2.1901	2.7931	19.1843			
<u> </u>	S	183.426	177.351	162.858	156.544			167.944	153.636	167.946	167.762			
208	T	2.6278	4.0636	2.0795	2.6299				2.1105	2.7250	19.0493			
	S	180.327	175.505	163.774	158.276			166.337	159.430	172.143	168.951			
209	I	2.5838	3.9990	2.0608	2.6955			2.5978		2.8716				
	S	183.398	178.340	165.260	154.424	167.603	178.057	161.938	152.674	163.355	165.760		l	

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.6996	4.2193	2.1869	2.6389	2.2398	2.1161	2.4859	2.1280	2.7544	19.2496			
210	S	175.531	169.028	155.731	157.736	169.557	179.790	169.227	158.119	170.306	167.193			
211	Т	2.6102	4.0320	2.0538	2.6322	2.2463	2.1134	2.4669	2.1475	2.7641	19.0344			
211	S	181.543	176.880	165.823	158.138	169.066	180.020	170.531	156.683	169.708	169.083			
212	Т	2.6049	4.0116	2.0388	2.6298	2.2369	2.1251	2.5242	2.1593	2.7686	19.0876			
212	S	181.912	177.780	167.043	158.282	169.776	179.029	166.659	155.827	169.433	168.612			
213	T	2.6155	4.0467	2.0775	2.6695	2.2599	2.1241	2.5073	2.1571	2.7755	19.1864			
213	S	181.175	176.238	163.932	155.928	168.048	179.113	167.783	155.986	169.011	167.744			
214	T	2.6197	4.0488	2.0766	2.7313	2.2941	2.1425	2.5299	2.2192	2.8180	19.4313			
214	S	180.885	176.146	164.003	152.400	165.543	177.575	166.284	151.621	166.462	165.630			
215	T	2.6344	4.0629	2.0712	2.6874	2.2754	2.1436	2.5780	2.2172	2.8449	19.4521			
213	S	179.875	175.535	164.430	154.889	166.904	177.484	163.181	151.758	164.888	165.453			
216	ഥ	2.6457	4.0886	2.0992	2.7049	2.2792	2.1895	2.6921	2.2287	2.8241	19.6634			
210	S	179.107	174.432	162.237	153.887	166.625	173.763	156.265	150.975	166.103	163.675			
217	T	2.6763	4.1912	2.1815	2.7209	2.2886	2.1490	2.5427	2.1682	2.7813	19.5085			
217	S	177.059	170.162	156.117	152.982	165.941	177.038	165.447	155.187	168.659	164.974			
218	T	2.6469	4.1104	2.1179	2.7548	2.3123	2.1614	2.5933	2.1882	2.7971	19.5719			
210	S	179.026	173.507	160.805	151.100	164.240	176.022	162.219	153.769	167.706	164.440			
219	工	2.6425	4.0868	2.0930	2.6921	2.2765	2.1498	2.5918	2.1803	2.7911	19.4171			
213	S	179.324	174.509	162.718	154.619	166.823	176.972	162.313	154.326	168.067	165.751			
220	T	2.6284	4.0619	2.0832	2.6919	2.2790	2.1530	2.5975	2.2134	2.8151	19.4615			
220	S	180.286	175.578	163.483	154.631	166.640	176.709	161.956	152.018	166.634	165.373			
221	ഥ	2.6348	4.0597	2.0683	2.6845	2.2720			2.2096	2.8261	19.4427			
	S	179.848	175.674	164.661	155.057	167.153	177.327	161.683	152.280	165.985	165.533			
222	ഥ	2.6389	4.0719	2.0844			2.1684	2.6139	2.1759	2.7934	19.5041			
	S	179.569	175.147				175.454				165.011			
223	ഥ	2.6350	4.0771	2.0926		2.2723	2.1465				19.4226			
	S	179.834	174.924			167.131	177.244		152.861	167.521	165.704			
224	ഥ	2.6329	4.0809	+	+		1	+			19.5853			
	S	179.978	174.761	161.675	153.405	166.253	176.447	159.979	151.307	165.254	164.327	1		
225	ፗ	2.6550	4.1194		2.7600			2.6429			19.7263			
223	S	178.480	173.128				174.352				163.153			
226	ഥ	2.6464	4.0983		+	2.3063					19.6576			
	S	179.060	174.019			164.668	+		152.625		163.723			
227	ഥ	2.6531	4.1126				2.1602		2.2281	2.8317	19.6095			
~~/	S	178.608	173.414				176.120		151.015		164.125			
228	LT.	2.6510	4.0890				2.1795			2.8599	19.7377	1		
220	S	178.749	174.415	162.920	152.663	165.536	174.560	157.973	148.026	164.024	163.059			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 21 - Pigot, Spencer

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
229	Т	2.6593	4.1083	2.1087	2.8007	2.3315	2.1924	2.6713	2.2217	2.8152	19.8008			
229	S	178.191	173.595	161.506	148.624	162.888	173.533	157.482	151.450	166.628	162.539			
230	Т	2.6429	4.0849	2.0961	2.7579	2.3254	2.1879	2.6539	2.2674	2.8563	19.7878			
230	S	179.297	174.590	162.477	150.930	163.315	173.890	158.515	148.398	164.230	162.646			
231	Т	2.6793	4.1662	2.1476	2.7639	2.3112	2.1840	2.6552	2.2591	2.8886	19.8889			
231	S	176.861	171.183	158.581	150.602	164.318	174.201	158.437	148.943	162.394	161.819			
232	Т	2.6995	4.1935	2.1497	2.7655	2.3124	2.1970	2.6794	2.2317	2.8379	19.8731			
232	S	175.538	170.068	158.426	150.515	164.233	173.170	157.006	150.772	165.295	161.948			
233	Т	2.6752	4.1655	2.1661	2.7665	2.3048	2.1823	2.6624	2.2715	2.8622	19.8910			
233	S	177.132	171.212	157.226	150.461	164.775	174.337	158.008	148.130	163.892	161.802			
234	Т	2.6863	4.1811	2.1708	2.7924	2.3172	2.1936	2.7011	2.2488	2.8647	19.9749			
234	S	176.400	170.573	156.886	149.065	163.893	173.438	155.745	149.625	163.749	161.122			
235	T	2.6733	4.1536	2.1506	2.7782	2.3164	2.1856	2.6820	2.3110	2.8850	19.9821			
233	S	177.258	171.702	158.360	149.827	163.950	174.073	156.854	145.598	162.597	161.064			
236	T	2.7055	4.2130	2.1825	2.7625	2.3026	2.2106	2.7589	2.3029	2.8764	20.1019			
230	S	175.148	169.281	156.045	150.679	164.932	172.105			163.083	160.104			
237	T	2.6846		2.1442	2.7599	2.3140	2.2144	2.7674	2.3501	2.8897	20.1243			
257	S	176.512	171.047	158.832	150.821	164.120	171.809	152.013	143.176	162.332	159.926			
238	T	2.7051		2.1601	2.7308	2.2914			·	2.9073	20.3310			
250	S	175.174			152.428	165.738	166.910			161.349	158.300			
239	T	2.7300	4.2883	2.2435	2.8361	2.3372	2.2422	2.7870	2.3232	2.8723	20.3715			
239	S	173.576	166.309	151.802	146.768	162.490		150.944	144.834	163.315	157.985			
240	工	2.7065		2.2070	2.8279	2.3248	2.2389	2.7692	2.2887	2.8575	20.2205			
240	S	175.084		154.313		163.357				164.161	159.165			
241	ഥ	2.7068		2.1945		2.3160		-	-			1	ļ	
241	S	175.064		155.192		163.978	-				159.759			
242	I	2.7139		2.2078		2.3093		2.7712			20.2339			
	S	174.606		154.257	149.204	164.454				161.850	159.060			
243	ㅁ	2.6993		2.2013		2.3012	2.2200		+		20.0682			
	S	175.551	168.753	154.712	151.182	165.032	171.376				160.373			
244	ፗ	2.6844		2.1710		2.3239		2.6891			19.9924			
	S	176.525		156.872	148.602	163.420		156.440			160.981			
245	I	2.6871		2.1858		2.3613					20.2599			
	S	176.348		155.809		160.832	169.430	 		163.566	158.856			
246	ፗ	2.6987		2.2088		2.3066				2.8817	20.0638			
240	S	175.590	-	154.187		164.646	-				160.408			
247	I	2.7024				2.3312					20.2182			
	S	175.349	169.040	154.867	147.220	162.909	174.528	157.076	140.680	161.299	159.183			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 21 - Pigot, Spencer

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
240	T	2.6983	4.1983	2.1681	2.7791	2.3132	2.1900	2.6991	2.3088	2.8705	20.0271			
248	S	175.616	169.874	157.081	149.779	164.176			145.737	163.418	160.702			
240	Т	2.7149	4.2542	2.2219	2.9025	2.4704	3.2665	4.5316			31.0702	30.4420		23.5079
249	S	174.542	167.642	153.278	143.411	153.729	116.472	92.833			103.585	32.711		120.844
250	T						2.4470	2.6119	2.1662	2.7611	41.3304		18.4507	
250	S						155.478	161.064	155.331	169.893	77.870		139.558	
251	Т	2.6196	4.0975	2.1469	2.7393	2.4274	2.2507	2.6896	2.2936	2.8529	20.0200			
251	S	180.892	174.053	158.633	151.955	156.452	169.038	156.411	146.703	164.426	160.759			
252	Т	2.6791	4.2724	2.3081	2.7213	2.2548	2.1383	2.5968	2.1704	2.7697	19.6385			
252	S	176.874	166.928	147.553	152.960	168.429	177.924	162.000	155.030	169.365	163.882			
253	Т	2.6300	4.0975	2.1188	2.6324	2.2462	2.1257	2.5075	2.0873	2.7340	19.0819			
255	S	180.176	174.053	160.736	158.126	169.073	178.978	167.769	161.202	171.577	168.662			
254	Т	2.6066	4.0589	2.0905	2.5985	2.2230	2.1171	2.5470	2.1308	2.7629	19.0764			
254	S	181.794	175.708	162.912	160.189	170.838	179.706	165.168	157.911	169.782	168.711			
255	Т	2.6137	4.0745	2.1002	2.6224	2.2361	2.1249	2.5492	2.1199	2.7535	19.1199			
233	S	181.300	175.035	162.160	158.729	169.837	179.046	165.025	158.723	170.362	168.327			
256	Т	2.6042	4.0638	2.1147	2.6636	2.2462	2.1208	2.5661	2.1531	2.7657	19.2344			
230	S	181.961	175.496	161.048	156.273	169.073	179.392	163.938	156.276	169.610	167.325			
257	Т	2.6006	4.1040	2.1858	2.6797	2.2296	2.1121	2.5554	2.1546	2.7499	19.2677			
237	S	182.213	173.777	155.809	155.335	170.332	180.131	164.625	156.167	170.585	167.036			
258	Т	2.6045	4.0744	2.1180	2.6321	2.2145	2.1307	2.6251	2.1548	2.7653	19.2450			
236	S	181.940	175.040	160.797	158.144	171.494	178.558	160.254	156.152	169.635	167.233			
259	T	2.5984	4.0629	2.1327	2.6597	2.2417	2.1413	2.5901		2.7909	19.3406			
239	S	182.367	175.535	159.689	156.503	169.413	177.675	162.419	153.938	168.079	166.406			
260	T	2.6014	4.0731	2.1367	2.6673	2.2393	2.1298	2.6198	2.2523	2.8600	19.5066			
200	S	182.157	175.096	159.390	156.057	169.594	178.634	160.578	149.393	164.018	164.990			
261	T	2.6508	4.1187	2.1165		2.2778	2.1437	2.5684	2.1717	2.7979	19.4426			
201	S	178.763	173.157	160.911	153.270	166.728	177.476	163.791	154.937	167.658	165.533			
262	ഥ	2.5933	4.0800			2.2685	2.1262	2.5294		2.7718	19.3028			
	S	182.726	174.799	158.257		167.411	178.936	166.317		169.237	166.732			
263	ፗ	2.6229	4.0603	2.0902		2.2653	2.1317	2.5468		3.3050	20.0094			
203	S	180.664	175.648			167.648	178.475	165.181		141.934	160.844			
264	Т	3.6243	5.9338	3.3966	5.4938	5.1327	4.3645	4.6019		4.1020	34.3369			
207	S	130.746	120.190	100.267	75.767	73.991	87.170	91.415		114.357	93.730			
265	T	3.8952	6.0685	3.0889	3.8997	4.5177	3.7507	4.1200		4.9549	31.6637			
203	S	121.653	117.522	110.255	106.739	84.063	101.436	102.107		94.672	101.643			
266	Т	4.9953	7.5810	3.6691	6.2757	8.5077	4.5059	4.6668	4.6563	7.1380	44.4148			
200	S	94.862	94.075	92.821	66.327	44.639	84.435	90.144	72.263	65.717	72.462			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

Section Data for Car 21 - Pigot, Spencer

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	6.5803	9.9341	4.7795	6.3269	7.1653	5.5738	5.5342	4.7695	6.6197	47.3492	2		
267	S	72.012	71.791	71.256	65.791	53.002	68.258	76.015	70.548	70.863	67.972	2		
260	Т	6.5704	9.9997	5.0395	7.0680	7.1594	5.7132	5.6148	4.5407	7.5124	49.2184	1		
268	S	72.121	71.320	67.580	58.892	53.045	66.592	74.924	74.103	62.442	65.390)		
269	T	7.1927	10.5511	4.7308	5.8471	5.8951	5.4032	5.6824	4.8355	6.6200	46.2068	3		
209	S	65.881	67.593	71.990	71.189	64.422			69.585	70.860	69.652	2		
270	Т	7.9755	11.2610	4.6226	5.9734	6.9704	5.3314	5.8024	5.3055	7.6138	49.5950)		
2/0	S	59.415	63.332	73.675	69.684	54.484	71.361	72.501	63.420	61.611	64.894	ļ.		
271	T	6.8690	10.4723	5.1632	6.3676	5.3734	5.4729	5.7461	4.8269	6.7227	46.5418	3		
2/1	S	68.986	68.102	65.961	65.370	70.676	69.516	73.212	69.709	69.777	69.151	L		
272	T	7.1898	10.7146	5.0752	5.9254	5.6007	5.9198	5.6274	4.8207	6.8947	47.0537	7		
2/2	S	65.908	66.562	67.104	70.248	67.808	64.268	74.756	69.798	68.036	68.398	3		
273	T	6.9296	9.6826	3.9819	5.6559	4.7064	4.8267	5.3946	4.6567	6.7984	42.9502	2		
2/3	S	68.383	73.656		·	80.693		77.982	72.257		74.933	3		
274	T	5.9106	8.7798	4.2843	5.9803	4.7630	5.0241	5.4971	4.0111	3.5535	39.0240)		
2/4	S	80.172	81.230	79.492		79.734			83.887	132.008	82.472	2		
275	T	3.0397	4.7207	2.4240	2.9001	2.3092	2.1977	2.7585	2.2274	2.7748	20.6314	1		
2/3	S	155.892	151.075	140.498	143.530	164.461	173.115	152.504	151.063	169.054	155.995			
276	工	2.6729	4.2409		2.7660	2.2627			2.1711		19.7632	2		
270	S	177.284	168.168	150.255	150.488	167.841	177.335	155.970	154.980	168.659	162.848	3		
277	T	2.7048	4.2669			2.2533	2.1411	2.6133	2.1814	2.7854	19.6294			
2//	S	175.194	167.143			168.541	177.691	160.977	154.248	168.411	163.958	3		
278	ഥ	2.6265	4.0737			2.2394			2.1332	2.7553	19.1532	2		
	S	180.416	175.070	162.006	156.797	169.587	179.961	166.422	157.734	170.250	168.035	5		
279	ഥ	2.6108	4.0440	2.0691	2.6399	2.2427	2.1166	2.4961	2.1062	2.7367	19.0181			
	S	181.501	176.356								169.228			
280	ഥ	2.5958	4.0139						2.1159		18.9815			
200	S	182.550	177.678						159.023		169.555			
281	I	2.5976	4.0255			•				+	•			
	S	182.424	177.166								170.034			
282	工	2.5816	3.9989			2.2655	-		-		19.1408			
	S	183.554	178.344						157.174		168.143			
283	T	2.6132	4.0432		+	2.2726			2.1349		19.2675			
	S	181.335	176.390	+		•			157.608	+	167.038			
284	T	2.6111	4.0194								19.6625			
	S	181.480	177.435					154.515	149.373		163.682			
285	T	2.6483	4.1404								19.7036			
203	S	178.931	172.249	157.067	150.635	164.903	177.104	158.038	151.676	168.000	163.341	I		

Track: Iowa Speedway 0.894 mile(s)

Report: Section Data Report

Session: Race

NTT IndyCar Series

July 20, 2019



Section Data for Car 21 - Pigot, Spencer

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6268	4.0637	2.0778	2.7217	2.2847	2.1459	2.5714	2.1709	2.7895	19.3887			
200	S	180.396	175.501	163.908	152.938	166.224	177.294	163.600	154.994	168.163	165.994			
287	Т	2.6320	4.0797	2.0937	2.6427	2.2406	2.1180	2.5124	2.1322	2.7676	19.1392			
207	S	180.039	174.812	162.663	157.509	169.496	179.629	167.442	157.808	169.494	168.157			
288	Т	2.6244	4.0710	2.0984	2.7093	2.2679	2.1366	2.5332	2.1412	2.7541	19.2651			
200	S	180.561	175.186	162.299	153.637	167.456	178.065	166.067	157.144	170.325	167.059			
289	Т	2.6101	4.0531	2.0881	2.6647	2.2540	2.1212	2.5431	2.1726	2.7780	19.2318			
209	S	181.550	175.960	163.100	156.209	168.488	179.358	165.421	154.873	168.859	167.348			
290	Т	2.6339	4.1023	2.1182	2.6772	2.2605	2.1376	2.5543	2.1994	2.8184	19.3995			
290	S	179.910	173.849	160.782	155.480	168.004	177.982	164.696	152.986	166.439	165.901			
291	Т	2.6447	4.0921	2.1034	2.6981	2.2724	2.1652	2.6393	2.1802	2.7884	19.4917			
291	S	179.175	174.283	161.913	154.275	167.124	175.713	159.391	154.333	168.229	165.116			
292	Т	2.6410	4.1098	2.1268	2.7009	2.2708	2.1548	2.6236	2.2105	2.8128	19.5412			
292	S	179.426	173.532	160.132	154.115	167.242	176.561	160.345	152.218	166.770	164.698			
293	Т	2.6612	4.1558	2.1522	2.6950	2.2649	2.1436	2.6064	2.1562	2.7706	19.4501			
293	S	178.064	171.611	158.242	154.453	167.677	177.484	161.403	156.051	169.310	165.470			
294	Т	2.6304	4.0906	2.1217	2.7623	2.3044	2.1695	2.6203	2.1613	2.7784	19.5483			
237	S	180.149		160.517	150.690	164.803	175.365	160.547		168.835	164.638			
295	I	2.6402	4.1174	2.1405	2.7010	2.2734	2.1621	2.6528		2.7977	19.5419			
	S	179.480	173.212	159.107	154.110	167.051	175.965	158.580	154.759	167.670	164.692			
296	Т	2.6406	4.1121	2.1391			2.1506				19.4889			
250	S	179.453		159.211	153.309		176.906			167.766	165.140			
297	I	2.6342					2.1693				19.5600		1	
	S	179.889		160.934			175.381	158.509			164.540			
298	ᄑ	2.6589		-	2.7513			2.6916			19.7349			
	S	178.218	-	157.110		-	173.954	156.294			163.082			
299	Т	2.6456						2.6411			19.5978			
	S	179.114		158.000	152.149		175.373	159.283		167.952	164.223			
300	I	2.6542									19.8162			
	S	178.534	-	157.561	151.116					165.161	162.413			
301	I	3.0338												32.7991
	S	156.195	145.821	125.048	100.217	86.629	79.108	70.847						86.612

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series

Report: Section Data Report Session: July 20, 2019 NDYCAR Race

Section Data for Car 22 - Pagenaud, Simon

Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Ť	6.3842	9.5578	4.5584	5.6180	5.0588	5.1982	5.7703	3.8343	4.1600	40.5822		35.3210	
1	S	74.224	74.618			75.072	73.190	72.905	87.755	112.762	79.306		72.901	
	Т	6.6362	9.4600	4.1260	5.8237	5.1752	4.2548	4.4661	3.2234	3.2784	36.9838			
2	S	71.406	75.389	82.542	71.475	73.383	89.418	94.194	104.386	143.085	87.022			
3	Т	2.8696	4.3878	2.1704	2.6605	2.2772	2.2535	2.6382	2.1640	2.7516	19.7850			
	S	165.132	162.537	156.915	156.456	166.772	168.828	159.458	155.489	170.479	162.669			
4	Т	2.6035	4.0410	2.0663	2.5649		2.2976	2.5187	2.0178	2.6637	18.9483			
_ +	S	182.010	176.486			171.393	165.588				169.852			
5	Т	2.6073	4.0444			2.2011	2.1384	2.4873			18.6605			
	S	181.745	176.338	165.751				169.132	168.390	177.122	172.471			
6	T	2.6318	4.0566	2.0204	2.4824	2.1970	2.2547	2.4818	2.0069	2.6462	18.7212			
	S	180.053	175.808	168.565	167.680	172.860		-	167.660	177.270	171.912			
7	T	2.6626	4.0972			2.1914					19.0233			
	S	177.970	174.066				177.691				169.182			
8	ፗ	2.6396	4.0736	-		-	2.1269			-	18.6988			
	S	179.521	175.074	166.407			178.877				172.118			
9	T	2.6928	4.1392				2.2208	2.5541	2.0538		18.9596			
	S	175.974	172.299	165.541	165.665	173.952	171.314	164.708	163.832	174.708	169.750			
10	ഥ	2.7290	4.1912			2.2072	2.1858	2.5413	2.0475	2.6723	18.9888			
	S	173.640	170.162	163.932	164.643	172.061	174.057	165.538	164.336	175.538	169.489			
11	T	2.5643	3.9724								18.8648			
	S	184.793	179.534								170.603			
12	T	2.6140	4.0449		-	2.2283	2.1553				19.0294			
	S	181.279	176.316	+	+	170.432	176.520				169.128			
13	I	2.6346	4.0652								19.0095			
	S	179.862	175.436				178.341				169.305		1	
14	ፗ	2.6197	4.0507	2.0569		2.2314					19.1114			
	S	180.885	176.064			170.195					168.402			
15	Ҵ	2.6556	4.0862								19.1008			
	S	178.439	174.534			-				-	168.496			
16	I	2.6383	4.0861	2.0822		2.2424					21.8774			
	S	179.609	174.539			169.360				104.104	147.111			
17	T	4.7116	7.3016	3.6658		3.4273	3.4897			-	31.9589		 	
<u> </u>	S	100.574	97.675	92.904	•	110.808	109.022	101.597		•	100.704			
18	T	5.6222	8.6320	4.3297		4.5227	4.6697			•	40.5373			
	S	84.284	82.621	78.659		83.970	81.473				79.394		1	
19	T	6.2291	9.3080	4.3635		4.6622	4.9538				40.8817		1	
	S	76.073	76.620	78.049	79.922	81.458	76.801	81.148	80.374	76.971	78.725			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 22 - Pagenaud, Simon

Race

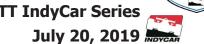
Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.5794	9.8947	4.6480	5.0825	4.1082	4.4061	5.1635	4.1690	5.5052	39.6619			
20	S	72.022	72.077	73.272	81.899	92.443	86.347	81.472	80.709	85.209	81.146			
21	Т	5.8351	8.8329	4.2215	4.8861	4.6086	5.1024	5.2056	3.9922	5.8284	39.6799			
	S	81.209	80.742	80.675	85.191	82.405	74.564	80.813	84.284	80.484	81.109			
22	Т	6.3115	9.3631	4.2892	4.9823	4.4670	4.4450	4.8753	4.0906	5.8284	39.2893			
	S	75.079	76.169	79.401	83.546	85.017	85.592	86.288	82.256	80.484	81.915			
23	Т	6.2024	9.1873	4.1800	4.9397	4.6433	4.8919	5.1885	4.3042	6.2200	40.5700			
	S	76.400	77.627	81.476	84.266	81.789	77.772	81.080	78.174	75.417	79.330			
24	Т	4.7890	7.5185	4.0075	4.9323	3.9072	3.6484	3.9296	2.5182	2.9299	30.6621			
24	S	98.948	94.857	84.983	84.393	97.198	104.280	107.055	133.618	160.105	104.963			
25	Т	2.7408	4.2375	2.1485	2.6661	2.2692	2.1858	2.8409	2.2264	2.7827	19.8604			
25	S	172.892	168.302	158.514	156.127	167.360	174.057	148.080	151.131	168.574	162.051			
26	Т	2.7053	4.1905	2.1241	2.6463	2.2585	2.1646	2.5609	2.1301	2.7536	19.3434			
20	S	175.161	170.190	160.335	157.295	168.153	175.762	164.271	157.963	170.356	166.382			
27	Т	2.6722	4.1366	2.0918	2.6052	2.2291	2.1471	2.5836	2.1246	2.7407	19.1943			
	S	177.331	172.408	162.811	159.777	170.370	177.195	162.828	158.372	171.157	167.675			
28	T	2.6843	4.1751	2.1342	2.6584	2.2552	2.1415	2.5419	2.1351	2.7432	19.2938			
20	S	176.532	170.818	159.577	156.579	168.399	177.658	165.499	157.593	171.001	166.810			
29	Т	2.6350	4.0888	2.0883	2.6242	2.2432	2.1518	2.5517	2.1554	2.7753	19.2249			
29	S	179.834	174.423	163.084	158.620	169.300	176.808	164.863	156.109	169.023	167.408			
30	T	2.6860	4.1569	2.1068	2.6262	2.2399	2.1372	2.5488	2.0935	2.7274	19.1658			
	S	176.420	171.566	161.652	158.499	169.549	178.015	165.051	160.725	171.992	167.924			
31	工	2.6501	4.1125	2.0973	2.6763	2.2749	2.1682	2.6005	2.1767	2.7898	19.4338			
	S	178.810	173.418	162.384	155.532	166.940	175.470	161.770	154.581	168.145	165.608			
32	T	2.6590	4.1108	2.0820	2.6230	2.2421	2.1296	2.5507	2.1833	2.7992	19.2689			
J2	S	178.211	173.490	163.577	158.692	169.383	178.651	164.928	154.114	167.580	167.026			
33	T	2.6602	4.1242	2.1035	2.6759	2.2729	2.1698	2.6133	2.1486	2.7702	19.4144			
	S	178.131	172.926	161.905	155.555	167.087	175.341	160.977	156.603	169.335	165.774			
34	I	2.6492	4.0997	2.0910	2.6533	2.2546	2.1387	2.5898	2.2557	2.8480	19.4803			
<u></u>	S	178.870	173.960	162.873	156.880	168.444	177.891	162.438	149.168	164.709	165.213			
35	ፗ	2.6770	4.1227	2.0822	2.6710	2.2673	2.1547	2.5921	2.1957	2.8185	19.4585			
	S	177.013	172.989	163.562	155.841	167.500	176.570	162.294	153.244	166.433	165.398			
36	I	2.6903	4.1778	2.1393	2.7235	2.3045	2.1888	2.6234		2.8021	19.6573			
	S	176.138	170.708	159.196	152.836	164.796	173.819	160.357	153.966	167.407	163.725			
37	Ҵ	2.6468	4.0889	2.0810	2.6618		2.1654	2.5970	2.1713	2.8056	19.3951			
	S	179.033	174.419	163.656	156.379	167.581	175.697	161.988	154.966	167.198	165.939			
38	I	2.6492	4.0865	2.0740		2.2684	2.1564	2.6047	2.1773	2.7987	19.3879			
	S	178.870	174.521	164.208	156.532	167.419	176.430	161.509	154.539	167.610	166.000			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S	SF to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	T	2.6993	4.1842	2.1260	2.6495	2.2554	2.1720	2.6729	2.2551	2.8456	19.6758			
39	S	175.551	170.446	160.192	157.105	168.384	175.163	157.388	149.207	164.848	163.571			
40	Т	2.6945	4.1616	2.1155	2.6815	2.2699	2.1941	2.6831	2.2161	2.8270	19.6817			
40	S	175.863	171.372	160.987	155.230	167.308	173.399	156.789	151.833	165.932	163.522			
41	T	2.6633	4.1151	2.0970	2.6990	2.2778	2.2057	2.6815	2.2055	2.8120	19.6418			
41	S	177.923	173.309	162.407	154.224	166.728	172.487	156.883	152.563	166.818	163.855			
42	T	2.6937	4.1872	2.1539	2.7824	2.3327	2.1899	2.6829	2.2439	2.8462	19.9256			
42	S	175.916	170.324	158.117	149.601	162.804	173.731	156.801	149.952	164.813	161.521			
43	Т	2.7182	4.2132	2.1462	2.7147	2.2940	2.1785	2.6687	2.2225	2.8320	19.7748			
43	S	174.330	169.273	158.684	153.332	165.550	174.641	157.635	151.396	165.639	162.753			
44	Т	2.7126	4.2120	2.1541	2.7056	2.2869	2.1830	2.6772	2.2573	2.8622	19.8389			
44	S	174.690	169.321	158.102	153.848	166.064	174.281	157.135	149.062	163.892	162.227			
45	Т	2.7447	4.2610	2.1765	2.7443	2.3071	2.1972	2.7038	2.2721	2.8644	20.0101			
45	S	172.647	167.374	156.475	151.678	164.610	173.154	155.589	148.091	163.766	160.839			
46	T	2.7025	4.2057	2.1637	2.7132	2.2920	2.2004	2.6995	2.2939	2.9069	19.9721			
40	S	175.343	169.575	157.401	153.417	165.695	172.902	155.837	146.683	161.372	161.145			
47	T	2.7142	4.1934	2.1327	2.7670	2.3310	2.2261	2.7325	2.3208	2.9213	20.1456			
47	S	174.587	170.072	159.689	150.434	162.923	170.906	153.955	144.983	160.576	159.757			
48	T	2.7187	4.2158	2.1618	2.7745	2.3358	2.2261	2.7267	2.3054	2.9080	20.1570			
40	S	174.298	169.169	157.539	150.027	162.588	170.906	154.282	145.952	161.310	159.667			
49	T	2.7595	4.2747	2.1752	2.7773		2.2849	2.7618	2.3448	2.9093	20.3584			
49	S	171.721	166.838	156.569	149.876		166.508	152.322	143.499	161.238	158.087			
50	T	2.7414	4.2393	2.1564	2.8007		2.2234	2.7299	2.3398	2.9251	20.2685			
30	S	172.855	168.231	157.934	148.624	161.482	171.114	154.102	143.806	160.367	158.788			
51	LT	2.7469	4.2662	2.1882	2.7965	2.4086	2.8036	3.7591	3.1937	3.8959	23.7925			
<u> </u>	S	172.509	167.170	155.639	148.847	157.674	135.702	111.910	105.357	120.406	135.270			
52	LT	4.2723	6.7720	3.5891	4.7694		4.2320	4.8546	4.0329	5.3455	35.6032			
52	S	110.915	105.313	94.890	87.275		89.899	86.656	83.433	87.754	90.396			
53	T	5.5035	8.4586	4.2296	5.6821	5.2374	5.1592	5.9471	4.4398	5.8583	42.0570			
	S	86.102	84.314	80.520	73.256		73.743	70.737	75.787	80.073	76.525			
54	T	6.5982	9.8810	4.6853	5.5109		5.1112	5.8445	4.6518	6.2971	43.5295			
	S	71.817	72.177	72.689	75.532	78.620	74.435	71.979	72.333	74.493	73.936			
55	T	6.5764	9.8474	4.6475	5.6538	5.3474	5.9724	7.0131			55.1868	1647.9403		43.8367
	S	72.055	72.423	73.280	73.623	71.020	63.702	59.985			58.318	0.604		64.804
56	T						4.8634	5.7818	4.1454	6.0694	1668.6947		32.1045	
	S						78.228	72.760	81.169	77.288	1.929		80.205	
57	LT	5.4835	8.1451	3.8461	5.0586		4.8551	5.4121	4.1894	5.1891	38.6491			
	S	86.416	87.560	88.549	82.286	82.287	78.362	77.730	80.316	90.399	83.272			

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Section Data Report Session: Race

July 20, 2019 NDYCAR

Section Data for Car 22 - Pagenaud, Simon

Report:

Lap		SF to T1			SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	5.8793	8.7953	4.0836	5.1921	4.3817	4.8045	5.2287	'		42.8544	31.7656		35.2671
58	S	80.599	81.087	83.399	80.170	86.672	79.187	80.456	i		75.101	31.348		80.551
	Т						3.7084	3.7370	3.0646	3.7328	48.5353		24.3570	1
59	S			1		1	102.593	112.572	109.795	125.667	66.310		105.717	'
	Т	3.7630	5.6369	2.6910	3.4331	2.9821	3.5703	4.5706	3.9829	6.3831	31.3761			
60	S	125.927	126.520	126.558	121.246	127.351	106.561	92.041	84.480	73.490	102.575			
61	Т	5.8998	8.8059	3.9307	5.1308	5.3421	5.5888	4.2985	3.8194	6.0430	40.0531			
61	S	80.319	80.989	86.643	81.128	71.091	68.074	97.867	88.097	77.626	80.353			
62	Т	5.4280	7.8497	3.4608	4.5817	4.5404	4.5279	4.6766	3.8736	5.3506	36.4396			
62	S	87.300	90.855	98.407	90.851	83.643	84.025	89.955	86.864	87.671	88.321			
63	Т	5.3384	7.6900	3.6394	6.0767	5.4192	5.2751	5.3218	4.1991	5.8643	41.1340			
03	S	88.765	92.741	93.578	68.499	70.079	72.123	79.049	80.131	79.991	78.242			
64	Т	6.0854	9.3138	4.5222	5.1378	4.9271	4.9201	5.3595	3.6636	5.7073	40.3230			
04	S	77.869	76.573	75.310	81.017	77.078	77.327	78.493	91.843	82.191	79.815			
65	Т	5.2402	8.0964	4.1603	5.1183	4.7539	4.6564	5.3218	3.3333	3.2152	35.7994			
03	S	90.429	88.086	81.861	81.326	79.887	81.706			145.898	89.901			
66	Т	2.8067	4.2934	2.1290				2.5380	2.0630	2.7031	19.2106			
	S	168.833	166.111	159.966	161.063					173.538	167.533			
67	T	2.6304	4.0811	2.0857	2.6174	2.2217	2.1493	2.5401	2.0753	2.7035	19.0234			
07	S	180.149	174.752	163.287	159.032	170.938	177.013	165.616	162.134	173.512	169.181			
68	Т	2.5846	4.0158								18.7479			
	S	183.341	177.594	164.764							171.667			
69	I	2.5643	3.9645								18.5469			
0.5	S	184.793	179.892	168.232	162.547		182.393			175.801	173.528		ļ	
70	T	2.6183	4.0512	2.0481	2.5371	2.1531				2.6873	18.7724			
/*	S	180.981	176.042	166.285		176.384				174.558	171.443			
71	Т	2.5998	4.0410								18.8290			
ļ	S	182.269	176.486	164.177	160.182						170.928			
72	T	2.5848	3.9921	2.0280		2.2089		+			18.7768		Ļ	
<u> </u>	S	183.327	178.648	167.933	-						171.403			
73	Т	2.5767	3.9841	2.0330							18.9812			
	S	183.903	179.007	167.520					-		169.557			
74	T	2.6130	4.0173	2.0322							19.2095			
<u> </u>	S	181.349	177.528	167.586					+	168.890	167.542			
75	T	2.6085	4.0005								18.9619			
<u> </u>	S	181.661	178.273	170.012					-	168.762	169.730			
76	T	2.6020	3.9801	1.9882							18.9751			
	S	182.115	179.187	171.295	159.973	169.738	178.600	165.518	158.529	170.504	169.612			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S ^S			T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	-ap	PI to PO	PO to SF	SF to PI
	Т	2.6094	4.0175	2.0300	2.6131	2.2382	2.1321	2.5545	2.2501	2.8770	19.3044			
77	S	181.599	177.519	167.768	159.294	169.678	178.441	164.683	149.539	163.049	166.718			
70	Т	2.6661	4.1059	2.0899	2.6673	2.2283	2.1440	2.5932	2.1613	2.7781	19.3282			
78	S	177.737	173.697	162.959	156.057	170.432	177.451	162.225	155.683	168.853	166.513			
70	T	2.6295	4.0511	2.0492	2.6303	2.2507	2.1629	2.5896	2.2136	2.8234	19.3492			
79	S	180.211	176.046	166.196	158.252	168.735	175.900	162.451	152.005	166.144	166.332			
	Т	2.6735	4.1290	2.1026	2.6585	2.2584	2.1559	2.5775	2.1560	2.7716	19.3540			
80	S	177.245	172.725	161.975	156.573	168.160	176.471	163.213	156.066	169.249	166.291			
0.1	Т	2.6533	4.1168	2.1120	2.6836	2.2652	2.1629	2.6233	2.2046	2.8063	19.5112		T .	
81	S	178.594	173.237	161.254	155.109	167.655	175.900	160.364	152.625	167.156	164.951		Ti Ti	
	Т	2.6390	4.0751	2.0879		2.2377	2.1391		2.2019		19.3991			1
82	S	179.562	175.010			169.716				167.425	165.905			1
02	Т	2.6397	4.0653	2.0584	2.6235	2.2352	-	2.6083	2.2161	2.8241	19.3491			1
83	S	179.514	175.432	165.453	158.662	169.905	177.467	161.286	151.833	166.103	166.333			
0.4	T	2.6475	4.0981	2.1120		2.2450	2.1578	2.6219	2.2017	2.8039	19.5150			
84	S	178.985	174.027	161.254		169.164			+	167.299	164.919			
0.5	Т	2.6588	4.0995	2.0758		2.2535				2.7900	19.3573			
85	S	178.225	173.968	164.066	157.545	168.526	176.750	161.757	154.072	168.133	166.263			
06	Т	2.6358	4.0583	2.0578	2.6225	2.2369	2.1307	2.5624	2.1662	2.7784	19.1907			
86	S	179.780	175.734			169.776			+	168.835	167.706		Ti Ti	
07	Т	2.6450	4.0799	•		2.2472		1		2.8064	19.4098	1		
87	S	179.154	174.804	164.185	157.283	168.998	176.267	160.376	152.328	167.150	165.813			
	Т	2.6544	4.1104	2.1029	2.6878	2.2632	2.2050	2.7008	2.2092	2.8058	19.6291			
88	S	178.520	173.507	161.952	154.866	167.803	172.542	155.762	152.307	167.186	163.961			
	T	2.6513	4.1040	2.1115	2.7342	2.2492	2.1732	2.6635	2.2545	2.8292	19.6666			
89	S	178.729	173.777	161.292	152.238	168.848	175.067	157.943	149.247	165.803	163.648			
	Т	2.6674	4.1465	2.1588	2.7863	2.2709	2.2003	2.6833	2.2432	2.8254	19.8356			
90	S	177.650	171.996	157.758	149.392	167.234	172.910	156.778	149.999	166.026	162.254			
01	Т	2.6463	4.0855	2.0958	2.7208	2.2416	2.1747	2.6916	2.2152	2.8104	19.5964			
91	S	179.066	174.564	162.500	152.988	169.420	174.946	156.294	151.895	166.913	164.234			
02	Т	2.6547	4.1068	2.1058	2.7162	2.2439	2.2359	2.7570	2.2315	2.8157	19.7607			
92	S	178.500	173.659	161.729	153.247	169.247	170.157	152.587	150.785	166.598	162.869			
02	Т	2.6568	4.1216			2.2662			2.2817	2.8512	19.9219			
93	S	178.359	173.035	159.435	150.265	167.581	171.701	153.310	147.468	164.524	161.551			
04	T	2.6678	4.1405	2.1401	2.7578	2.2585	2.2099	2.7321	2.2393	2.8279	19.8334			
94	S	177.623	172.245		150.936	168.153		1		165.880	162.272			
0.5	Т	2.6527	4.1289	-	-	2.2872				2.8461	19.9599			
95	S	178.634	172.729			166.043					161.243		1	

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.7518	4.2844	2.2246	2.8222	2.2930	2.2151	2.7432	2.2443	2.8317	20.1259			
96	S	172.201	166.460	153.092	147.491	165.623	171.755	153.354	149.925	165.657	159.913			T
97	Т	2.7039	4.2180	2.2031	2.8216	2.2889	2.2146	2.7330	2.2628	2.8468	20.0747			
97	S	175.252	169.081	154.586	147.523	165.919	171.794	153.927	148.700	164.778	160.321			
98	Т	2.6688	4.1469	2.1490	2.8354	2.3224	2.2217	2.7353	2.2581	2.8404	20.0311			
96	S	177.557	171.980	158.478	146.805	163.526	171.245	153.797	149.009	165.150	160.670			
99	Т	2.6810	4.1729	2.1743	2.8467	2.3178	2.2910	2.8130	2.2673	2.8432	20.2343			
99	S	176.749	170.908	156.633	146.222	163.851	166.065	149.549	148.404	164.987	159.057			
100	Т	2.6735	4.1604	2.1744	2.9012	2.3444	2.2433	2.7017	2.2403	2.8353	20.1141			
100	S	177.245	171.421	156.626	143.475	161.991	169.596	155.710	150.193	165.447	160.007			
101	T	2.6925	4.1694		2.7488		2.2544	2.7933	2.2681	2.8361	20.0199			
101	S	175.994	171.051	159.487	151.430	165.746	168.761	150.604	148.352	165.400	160.760			
102	T	2.7414	4.2506		2.6735		2.3436		2.2312	2.8355	20.0662			
102	S	172.855	167.784	157.758	155.695	168.182	162.338		150.806	165.435	160.389			
103	ፗ	2.7319	4.2870	2.2460	2.9231	2.4205	2.2690	2.7673	2.2600	2.8272	20.4450			
103	S	173.456	166.359	-	142.400	156.898	167.675	-	-	165.921	157.417			
104	工	2.7034	4.2042	2.1736			2.2799			2.8238	20.1619			
104	S	175.284	169.636		148.788		166.873	150.013	148.542	166.120	159.628			
105	工	2.7879	4.3458		2.7448		2.2091	2.8538		3.1288	20.9121			
100	S	169.972	164.108		151.650	165.522	172.222	147.411	126.533	149.927	153.901			
106	T	2.8514	4.5400		2.9257	2.3516	-	2.7645			20.8741			
100	S	166.186	157.089	139.491	142.274		170.066		142.708	159.311	154.181			
107	ፗ	2.7734	4.2939		2.7893					2.8879	20.2859			
	S	170.860	166.092	155.404	149.231	162.644	168.709	153.042	145.983	162.433	158.652		ļ	
108	I	2.7216	4.2243		2.7608		2.2635		•	2.8527	20.0851		ļ	
	S	174.112	168.828	-	150.772	165.464	168.082	152.786	-	164.438	160.238		ļ	
109	I	2.6934	4.1824				2.2656			2.9314	20.4817		-	
	S	175.935	170.520		143.634		167.927	151.488	142.412	160.023	157.135			
110	I	2.7181	4.1947	2.1343	2.7291	2.2861	2.2156			2.9110	19.9733			
	S	174.336	170.020	159.569	152.523	166.123	171.716		146.837	161.144	161.135			
111	I	2.7153	4.2184		2.7268					2.8355	19.8295			
	S	174.516	169.065	157.205	152.651	166.072	173.146	i	150.026	165.435	162.304		-	
112	፲	2.6866	4.1579				2.2249			2.8907	19.9633		1	
	S	176.380	171.525		151.778	163.646	170.998		147.558	162.276	161.216			
113	듸	2.7074	4.1886	•	2.7279		•	2.6670	2.2641	2.8725	19.8751			
-	S	175.025	170.267	159.360	152.590		173.083	-		163.304	161.931		-	
114	I	2.7000	4.1894						2.3036		19.9859		-	
	S	175.505	170.235	159.047	152.775	163.653	172.479	157.931	146.066	160.302	161.034			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap			SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
445	T	2.7140	4.2029	2.1443	2.7258	2.3128	2.2069	2.6890	2.3521	2.9564	20.1013		1	
115	S	174.600	169.688	158.825	152.707	164.205				158.670	160.109			
446	Т	2.7551	4.2763	2.1896	2.7505	2.3237	2.2079	2.6793	2.3014	2.8837	20.0912			
116	S	171.995	166.775	155.539	151.336	163.434	172.315	157.012	146.205	162.670	160.190			
447	T	2.6996	4.1703	2.1235	2.7578	2.3333	2.2242	2.7060	2.2539	2.8562	19.9545			
117	S	175.531	171.015	160.381	150.936	162.762	171.052	155.463	149.287	164.236	161.287			
110	Т	2.6771	4.1403	2.1069	2.6948	2.2949	2.2149	2.7221	2.3680	3.0080	20.0867			
118	S	177.006	172.254	161.644	154.464	165.486	171.771	154.543	142.093	155.948	160.225			
119	Т	2.7557	4.2750	2.1993	2.7983	2.3032	2.2410	2.7287	2.3161	2.9216	20.2639			
119	S	171.958	166.826	154.853	148.751	164.889	169.770	154.169	145.278	160.560	158.824			
120	Т	2.7922	4.3424	2.2219	2.8158	2.3791	2.2661	2.7943	2.4399	2.9990	20.7083			
120	S	169.710	164.237	153.278	147.827	159.629	167.890	150.550	137.906	156.416	155.416			
121	Т	2.8125	4.4100	2.3181	3.0160	2.4462	2.3074	2.8590	2.4335	2.9816	21.1743			
121	S	168.485	161.719	146.917	138.014	155.250	164.885	147.143	138.269	157.329	151.996			
122	Т	2.7595	4.2755	2.1955	2.8745	2.3951	2.2765	2.8079	2.4874	3.0994	20.8958			
122	S	171.721	166.807	155.121	144.808	158.562	167.123	149.821	135.273	151.349	154.021			
123	Т	2.8083	4.3689	2.2732	2.9295	2.3473	2.2285	2.7458	2.4866	3.0794	20.8986			
123	S	168.737	163.241	149.819	142.089	161.791	170.722	153.209	135.316	152.332	154.001			
124	T	2.8008	4.3361	2.2128	2.8283	2.3736	2.2745	2.8408	2.3732	2.9398	20.6438			
124	S	169.189	164.475	153.908	147.173	159.999	167.270	148.086	141.782	159.566	155.902			
125	Т	2.7604	4.3101	2.2378	2.7957	2.3141	2.2575	2.8112	2.3379	2.9108	20.4254			
123	S	171.665	165.468	152.189	148.889	164.112	168.529	149.645	143.923	161.155	157.569			
126	T	2.7279	4.2488	2.1977	2.8257	2.3323	2.2344	2.7815	2.3998	2.9584	20.4577			
120	S	173.710	167.855	154.966	147.309	162.832	170.271	151.243	140.211	158.562	157.320			
127	Т	2.7631	4.3040	2.2247	2.8268	2.3598	2.4088	3.0707	2.4289	2.9744	21.0572			
127	S	171.497	165.702	153.085	147.251	160.934	157.944	136.999	138.531	157.709	152.841			
128	T	2.7705	4.2897	2.1935		2.3623	2.2651	2.8208	2.3874	2.9616	20.5780			
120	S	171.039	166.254	155.262	147.774	160.764	167.964	149.136	140.939	158.391	156.400			
129	I	2.7361	4.2328	2.1670	2.8398	2.3720	2.2944	2.8495	2.3745	2.9314	20.5647			
	S	173.189	168.489	157.161	146.577	160.107	165.819		141.704	160.023	156.501			
130	I	2.7355	4.2493	2.1852		2.3682	2.2926			2.9535	20.5837			
130	S	173.227	167.835	155.852	147.345	160.363	165.949		141.573	158.825	156.357			
131	I	2.7325	4.2415	2.1789		2.3287	2.2692			2.9227	20.4141			
	S	173.418	168.144	156.303	148.980	163.084	167.660		142.256	160.499	157.656			1
132	T	2.7518	4.2994	2.2445		2.3167	2.2535			2.9905	20.6582			
132	S	172.201	165.879	151.735		163.928	168.828		138.371	156.860	155.793			
133	T	2.7496	4.2455	2.1614		2.3840				2.9561	20.6045			
	S	172.339	167.985	157.568	146.882	159.301	166.976	147.903	140.392	158.686	156.199			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	Т	2.7577	4.2768	2.1890	2.8536	2.3911	2.2974	2.8616	2.3819	2.9352	20.6675			
134	S	171.833	166.756	155.582	145.868	158.828	165.602	147.009	141.264	159.816	155.723			
425	Т	2.7240	4.2179	2.1581	2.8579	2.4031	2.2967	2.8289	2.4093	2.9552	20.6332			
135	S	173.959	169.085	157.809	145.649	158.035	165.653	148.709	139.658	158.734	155.982		1	
426	Т	2.7708	4.3097	2.2265	2.8888	2.4175			1		31.5595	31.7265		23.9714
136	S	171.021	165.483	152.961	144.091	157.093			1		101.979	31.387		118.508
4.5-	Т						2.5102	2.8644	2.2881	2.8915	43.2262		19.0878	
137	S				1	1	151.563				74.455		134.900	
420	T	2.7704	4.3007	2.2194	2.7802	2.2774			2.3308	2.8698	20.4796			
138	S	171.045	165.829		149.719	166.757		+	+	163.458	157.152			
420	Т	2.7335	4.2798			2.2812		2.6209			19.8398			
139	S	173.354	166.639	153.506	150.526	166.479	174.673	160.510	152.218	165.657	162.219			
	Т	2.6587	4.1124		2.6794	2.2837	2.1843				19.6247			
140	S	178.231	173.422	162.353	155.352	166.297	174.177	158.808	150.361	165.517	163.997			
444	Т	2.8044	4.4096		2.7712	2.2879		2.5822	2.1847		19.8933			
141	S	168.971	161.734	148.131	150.206	165.992	175.868				161.783			
4.45	Т	2.6310	4.0612	2.0637	2.6350	2.2597	2.1656	2.6214	2.2300	2.8485	19.4549		1	
142	S	180.108	175.609	165.028	157.970	168.063		160.480		164.680	165.429			
4.42	Т	2.6520	4.0665	2.0468		2.2579		2.5980	2.1672	2.7728	19.3057			
143	S	178.682	175.380	+	158.108	168.197		161.925	+		166.707			
444	Т	2.6880	4.1775	2.1497	2.6845	2.2320	2.1522	2.5913	2.1859	2.7944	19.4780			
144	S	176.289	170.720	158.426	155.057	170.149	176.775	162.344	153.931	167.868	165.233			
445	Т	2.6296	4.0593	2.0653	2.6637	2.2618	2.2165	2.6924	2.2001	2.7962	19.5256			
145	S	180.204	175.691	164.900	156.268	167.907	171.647	156.248	152.937	167.760	164.830			
146	Т	2.6512	4.1110	2.1089	2.6404	2.2086	2.2054	2.7095	2.2552	2.8305	19.6097			
146	S	178.736	173.481	161.491	157.647	171.952	172.510	155.262	149.201	165.727	164.123			
147	Т	2.6763	4.1488	2.1168	2.6894	2.2825	2.1679	2.6172	2.2170	2.8306	19.5977			
14/	S	177.059	171.901	160.888	154.774	166.385	175.495	160.737	151.771	165.721	164.223			
148	Т	2.6462	4.0723	2.0627	2.6602	2.2613	2.1561	2.5870	2.1731	2.7907	19.3373			
146	S	179.073	175.130	165.108	156.473	167.944	176.455	162.614	154.837	168.091	166.435			
140	Т	2.6534	4.1124	2.1127	2.7150	2.2549	2.2470	2.8306	2.3072	2.8410	19.9618			
149	S	178.587	173.422	161.200	153.315	168.421	169.317	148.619	145.838	165.115	161.228			
150	Т	2.6657	4.1527	2.1581	2.7062	2.2471	2.1591	2.7705	2.2694	2.8025	19.7786			
150	S	177.763	171.739	157.809	153.813	169.006	176.210	151.843	148.267	167.383	162.721			
151	Т	2.6178	4.0454	2.0849	2.6977	2.2362	2.1793	2.6478	2.1841	2.8126	19.4604			
151	S	181.016	176.295	163.350	154.298	169.829	174.576	158.880	154.058	166.782	165.382			
153	Т	2.6602	4.1042	2.0796	2.6375	2.2550	2.1788	2.6535	2.2026	2.7929	19.4601			
152	S	178.131	173.769	163.766	157.820	168.414	174.617	158.538	152.764	167.958	165.385			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Report:

Section Data for Car 22 - Pagenaud, Simon

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	2.7027	4.1954	2.1468	2.6292	2.1964	2.2432	2.8275	2.3070	2.8127	19.8655			
153	S	175.330	169.991	158.640	158.318	172.907	169.603	148.782	145.851	166.776	162.010			
154	Т	2.6746	4.1633	2.1597	3.2809	2.8412	2.4989	3.0746	2.5538	3.0056	22.0893			
154	S	177.172	171.302	157.692	126.871	133.666	152.249	136.825	131.756	156.072	145.700			
155	Т	2.7481	4.2658	2.2103	2.8270	2.3039	2.3988	2.8875	2.3259	2.9195	20.6210			
155	S	172.433	167.186	154.082	147.241	164.839	158.602	145.691	144.665	160.675	156.074			
156	Т	2.6647	4.1132	2.1161	2.7696	2.2847	2.2569	2.8667	2.3510	2.8952	20.2049			
130	S	177.830	173.389	160.941	150.292	166.224	168.574	146.748	143.121	162.024	159.288			
157	T	2.6626	4.1022	2.1013	2.6914	2.2283	2.1538	2.6551	2.2797	2.9013	19.6735			
157	S	177.970	173.853	162.075	154.659	170.432	176.643	158.443	147.597	161.683	163.591			
158	Т	2.7253	4.2020	2.1254	2.6565	2.2555	2.1736	2.6301	2.2059	2.8229	19.5952			
136	S	173.876	169.724	160.237	156.691	168.376	175.034	159.949	152.535	166.173	164.244			
159	T	2.6701	4.1356	2.1154	2.6670	2.2651	2.1688	2.6341	2.2349	2.8450	19.6004			
139	S	177.470	172.449	160.995	156.074	167.663	175.422	159.706	150.556	164.883	164.201			
160	Т	2.6780	4.1171	2.0791	2.6646	2.2526	2.1619	2.6468	2.2085	2.8172	19.5087			
100	S	176.947	173.224	163.806	156.215	168.593	175.982	158.940	152.356	166.510	164.973			
161	Т	2.6633	4.1262	2.1128	2.6993	2.2865	2.1907	2.6870	2.2631	2.8704	19.7731			
101	S	177.923	172.842	161.193	154.207	166.093	173.668	156.562	148.680	163.424	162.767			
162	T	2.6538	4.1038	2.1152	2.7454		2.1553	2.6122	2.3031	2.8627	19.7091			
102	S	178.560	173.786	161.010	151.617	167.937	176.520	161.045	146.098	163.863	163.295			
163	Т	2.6996	4.1733	2.1202	2.6956	2.2793				2.8292	19.7926			
103	S	175.531	170.892	160.630	154.418	166.618	171.926	155.365	149.672	165.803	162.606			
164	I	2.8010	4.3373	2.1865	2.7459	2.3076	2.2294	2.8244	2.2900	2.8688	20.2536			
104	S	169.177	164.430	155.760	151.590	164.575	170.653	148.946	146.933	163.515	158.905			
165	I	2.7233	4.2239	2.1662	2.7470	2.3096	2.2152	2.7041	2.2483	2.8692	19.9829			
103	S	174.003	168.844	157.219	151.529	164.432	171.747			163.492	161.058			
166	T	2.6814	4.1339						-	2.8315	19.6421			
100	S	176.722	172.520			168.735				165.669	163.852			
167	I	2.6709	4.1249			•			• 	2.8057	19.5793			
	S	177.417	172.897	162.245		167.448				167.192	164.378			
168	工	2.6426	4.0529			2.2760		-		2.8120	19.5088			
	S	179.317	175.968			166.860	174.384			166.818	164.972			
169	I	2.6667	4.1312	2.1124		2.2769				2.8476	19.6441			
	S	177.697	172.633						+	164.732	163.835			
170	Ҵ	2.6754	4.1300			2.2826				2.8769	19.7463			
	S	177.119	172.683	162.152			173.099	-		163.054	162.987			
171	T	2.6680	4.1139							2.8400	19.7041			
	S	177.610	173.359	162.897	155.410	167.818	172.074	154.248	151.178	165.173	163.337			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.7056	4.1977	2.1527	2.7309	2.3039	2.2164	2.7248	2.2825	2.8933	20.0101			
172	S	175.142	169.898	158.205	152.422	164.839	171.654	154.390	147.416	162.130	160.839			
172	Т	2.7023	4.1625	2.1091	2.6951	2.2757	2.1840	2.6684	2.2569	2.8747	19.7662			
173	S	175.356	171.335	161.476	154.447	166.882	174.201	157.653	149.088	163.179	162.823			
174	Т	2.6953	4.1694	2.1340	2.7488	2.3223	2.2103	2.6941	2.2417	2.8507	19.8972			
1/4	S	175.811	171.051	159.591	151.430	163.533	172.128	156.149	150.099	164.553	161.751			
175	Т	2.6631	4.1199	2.1150	2.7525	2.3053	2.1980	2.7074	2.3229	2.9308	19.9950			
1/5	S	177.937	173.107	161.025	151.226	164.739	173.091	155.382	144.852	160.056	160.960			
176	Т	2.7106	4.2014	2.1561	2.7325	2.3000	2.2285	2.7464	2.3125	2.9199	20.1065			
176	S	174.819	169.749	157.956	152.333	165.119	170.722	153.176	145.504	160.653	160.068			
177	Т	2.6863	4.1394	2.1033	2.7418		2.2153	2.7203	2.2823	2.8807	19.9480			
1//	S	176.400	172.291	161.921	151.816	163.836	171.740	154.645	147.429	162.839	161.339			
178	T	2.6884	4.1668	2.1382	2.7643	2.3251	2.2287	2.7445	2.2676	2.8624	20.0192			
178	S	176.262	171.158	159.278	150.581	163.336	170.707	153.282	148.385	163.880	160.766			
179	Т	2.6686	4.1395	2.1224	2.7633	2.3341	2.2564	2.7718	2.3054	2.9122	20.1342			
1/9	S	177.570	172.287	160.464	150.635	162.706	168.611	151.772	145.952	161.078	159.847			
180	Т	2.7216	4.1946	2.1285	2.7775	2.3390	2.2545	2.7504	2.2657	2.8563	20.0935			
100	S	174.112	170.024	160.004	149.865	162.365	168.753	152.953	148.509	164.230	160.171			
181	T	2.6811	4.1611	2.1395	2.7630	2.3213	2.2251	2.7426	2.2951	2.8755	20.0432			
101	S	176.742	171.393	159.181	150.651	163.603	170.983	153.388	146.607	163.134	160.573			
182	Т	2.6761	4.1559	2.1393	2.7410		2.2174	2.6934	2.2649	2.8703	19.9093			
102	S	177.072	171.607	159.196	151.861	164.625	171.577	156.190	148.562	163.429	161.653			
183	T	2.6672	4.1126	2.0901	2.7722	2.3207	2.2764	2.7645	2.2730	2.8444	20.0085			
105	S	177.663	173.414	162.943	150.152	163.646	167.130	152.173	148.032	164.917	160.852			
184	LI	2.7834	4.2906	2.1549	2.7162	2.2811	2.1934	2.7100	2.3475	2.9240	20.1105			
104	S	170.246	166.220	158.044	153.247	166.487	173.454	155.233	143.334	160.428	160.036			
185	LT	2.7029	4.1665	2.1160	2.7222	2.2974	2.2307	2.7553	2.2732	2.8390	19.9367		ļ	
103	S	175.317	171.170	160.949	152.909	165.305	170.554	152.681	148.019	165.231	161.431			
186	I	2.6640	4.1324		3.0018	2.8850	3.0773	3.9054	3.2532	3.9778	24.8953			
	S	177.877	172.583	159.831	138.667	131.637	123.633	107.718	103.430	117.927	129.277			
187	T	3.6998	5.7927	2.9961	3.7494	3.1480	3.0346	3.5754	3.0208	3.8358	27.0599			
107	S	128.078	123.117	113.670	111.018	120.639	125.372	117.660	111.387	122.293	118.936			
188	T	3.9152	6.1020	3.1307	3.9736	3.7392	3.6796	3.9788	3.0710	3.7718	29.2599			
100	S	121.032	116.877	108.783	104.754		103.396	105.731	109.566	124.368	109.994			
189	I	3.9567	6.2227	3.2428	4.1545	3.7547	4.2760	4.6448	3.6675	6.5209	34.2179			
109	S	119.762	114.610	105.023	100.193	101.146	88.974	90.570	91.746	71.937	94.056			
190	T	7.8728	10.8454	4.3226	5.3676		4.7994	5.8282	5.3566	7.7468	46.3512			
150	S	60.190	65.759	78.788	77.549	75.095	79.271	72.180	62.815	60.553	69.435			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S ^S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	6.0927	8.9095	4.0342	5.5550	4.5748	4.4532	4.9806			43.0252	30.2034		35.4542
191	S	77.776	80.047	84.420	74.932	83.014	85.434	84.464			74.803	32.970		80.126
102	Т						2.9529	3.7674	3.2612	3.9022	46.5922		23.9598	,
192	S						128.841	111.664	103.176	120.212	69.076		107.469	
193	Т	3.9832	6.2669	3.2595	4.5340	5.1716	4.9057	4.3469	3.4759	4.0335	33.7103			
193	S	118.966	113.801	104.485	91.806	73.434	77.554	96.777	96.803	116.299	95.472			
194	Т	3.9696	6.3439	3.4453	4.5965	4.2197	4.4185	4.9925	4.5135	6.3316	36.4872			
194	S	119.373	112.420	98.850	90.558	90.000	86.105	84.263	74.549	74.087	88.206			
195	Т	6.8575	9.9221	4.3812	5.5889	4.9340	5.0539	5.4083	4.1268	5.5637	41.9143			
193	S	69.102	71.878	77.734	74.478	76.971	75.279	77.784	81.535	84.313	76.785			
196	Т	6.4377	9.6524	4.5090	5.5032	4.9190	5.2750	5.5942	4.4322	6.5981	43.2684			
190	S	73.608	73.886	75.531	75.638	77.205	72.124	75.200	75.917	71.095	74.382			
197	T	7.0270	10.3733	4.7388	6.3549	5.6271	5.2196	5.7300	4.6444	6.3750	45.7168			
197	S	67.435	68.752	71.868	65.501	67.490	72.890	73.417	72.448	73.583	70.399			
198	Т	6.5480	9.6582	4.3359	5.2432	5.0048	5.0631	5.4319	4.3894	6.1590	42.1753			
196	S	72.368	73.842	78.546	79.389	75.882	75.143	77.447	76.657	76.163	76.310			
199	Т	5.9058	8.7387	4.0645	5.5337	3.9875	4.7146	5.3038	3.8279	3.5275	36.8653			
199	S	80.237	81.612	83.791	75.221	95.241	80.697	79.317	87.901	132.981	87.302			
200	T	2.9277	4.4759	2.2098	2.6271	2.2294	2.1548	2.5705	2.0769	2.7049	19.5011			
200	S	161.855	159.338	154.117	158.445	170.348	176.561	163.658	162.009	173.423	165.037			
201	T	2.6139	4.0398	2.0410	2.5228		2.1091	2.5096	2.0578	2.6961	18.7377			
201	S	181.286	176.539	166.863	164.995		180.387	167.629	163.513	173.989	171.761			
202	LT	2.6118	4.0448	2.0561	2.5745	2.2174	2.1397	2.5271	2.0890	2.7212	18.9368			
202	S	181.432	176.321	165.638	161.682	171.269	177.807	166.468	161.071	172.384	169.955			
203	T	2.5985	3.9971	2.0107	2.5452	2.1928	2.1050	2.5003	2.1127	2.7339	18.7991			
203	S	182.360	178.425	169.378	163.543	173.191	180.739	168.253	159.264	171.583	171.200			
204	LT	2.5961	4.0123	2.0391	2.5278			2.5013		2.7215	18.7756			
207	S	182.529	177.749	167.019	164.669		180.302	168.185	160.709	172.365	171.414			
205	LT	2.5926	3.9854	2.0033	2.5374			2.5063	2.1123	2.7398	18.7954			
203	S	182.775	178.949	170.004	164.046	173.057	180.379	167.850	159.294	171.214	171.233			
206	T	2.6051	4.0213	2.0431	2.5970	-	2.1359	2.5508	2.1608	2.7822	19.1022			
200	S	181.898	177.351	166.692	160.281		178.124		155.719	168.604	168.483			
207	T	2.6206	4.0433	2.0475	2.5444			2.5159		2.7405	18.8828			
	S	180.823	176.386	166.334	163.595		179.901	167.209	160.113	171.170	170.441			
208	I	2.6098	4.0291	2.0466	2.5708			2.5464		2.7615	19.0020			
200	S	181.571	177.008	166.407	161.915	-	179.215	165.206	157.372	169.868	169.372			
209	T	2.6200	4.0407	2.0417	2.5738			2.5785		2.7713	19.1007			
209	S	180.864	176.500	166.806	161.726	170.692	177.318	163.150	156.873	169.267	168.496			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6250	4.0454	2.0554	2.6719	2.2285	2.1536	2.5524	2.1279	2.7524	19.1671			
210	S	180.519	176.295	165.694	155.788	170.416	176.660	164.818	158.126	170.430	167.913			
211	Т	2.6064	4.0081	2.0227	2.6009	2.2290	2.1291	2.5518	2.1639	2.7856	19.0894			
211	S	181.808	177.935	168.373	160.041	170.378	178.693	164.857	155.496	168.399	168.596			
212	Т	2.6206	4.0284	2.0303	2.6455	2.2609	2.1397	2.5483	2.1472	2.7691	19.1616			
212	S	180.823	177.038	167.743	157.343	167.974	177.807	165.083	156.705	169.402	167.961			
213	Т	2.6253	4.0632	2.0753	2.6442	2.2566	2.1579	2.5821	2.1535	2.7795	19.2744			
213	S	180.499	175.522	164.106	157.420	168.294	176.308	162.922	156.247	168.768	166.978			
214	Т	2.6176	4.0318	2.0435	2.6613	2.2616	2.1717	2.5997	2.1802	2.8050	19.3406			
214	S	181.030	176.889	166.659	156.409	167.922	175.187	161.819	154.333	167.234	166.406			
215	T	2.6479	4.0888	2.0754	2.6951	2.2800	2.1655	2.6072	2.2203	2.8312	19.5226			
213	S	178.958	174.423	164.098	154.447	166.567	175.689	161.354	151.546	165.686	164.855			
216	T	2.6910	4.1643	2.1121	2.6321	2.2513	2.1841	2.6933	2.2045	2.8308	19.5992			
210	S	176.092	171.261	161.246	158.144	168.690	174.193	156.196	152.632	165.710	164.211			
217	Т	2.6677	4.1299	2.1080	2.6771	2.2736	2.1861	2.6324	2.1982	2.8189	19.5620			
217	S	177.630	172.687	161.560	155.485	167.036	174.033	159.809	153.069	166.409	164.523			
218	T	2.6735		2.0920			2.1759			2.7698	19.3628			
210	S	177.245	172.738		157.432	168.511	174.849	+	157.409	169.359	166.216			
219	T	2.6597	4.1237	2.1052			•			2.7781	19.3769			
	S	178.164	172.947	161.775	158.150					168.853	166.095			
220	I	2.6491	4.0914	2.0738	-				2.1454	2.7817	19.3931			
	S	178.877	174.312	164.224	157.295	167.345			156.837	168.635	165.956			
221	T	2.6473	4.0975						2.1668	2.7944	19.3573			
	S	178.999	174.053	163.045	158.390			+	155.288	167.868	166.263			
222	T	2.6589			2.6432	2.2584	1			2.8407	19.5260			
	S	178.218	173.380		157.480	168.160			151.737	165.132	164.826			
223	T	2.6709								2.8181	19.5427			
	S	177.417	173.296		156.827	167.596		+	152.418	166.456	164.686			
224	T	2.6630		•		•	•	+	2.1951	2.8071	19.5173			
	S	177.944	173.077	162.438	156.957	168.011	173.249		153.286	167.109	164.900			
225	T	2.6511	4.0924		2.6371	2.2491	2.1759		2.2047	2.8268	19.4618			
	S	178.742	174.270		157.844				152.618	165.944	165.370			
226	I	2.6945								2.8360	19.6911		+	+
<u> </u>	S	175.863	171.405		155.963	167.087	171.345	•	151.015	165.406	163.444		+	+
227	I	2.6725	4.1174		2.6901	2.2839			2.1982	2.8253	19.6076		+	+
-	S	177.311	173.212	163.963	154.734				153.069	166.032	164.140		+	-
228	T	2.6680								2.8972	20.0457		+	+
	S	177.610	172.254	159.181	148.169	163.077	171.608	156.585	146.339	161.912	160.553			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Race

Section Data Report

Report:

Session:

Section Data for Car 22 - Pagenaud, Simon T/SSF to T1 SF to TB T1 to SS1 SS1 to T2 T2 to BS BS to T3 T3 to SS2 SS2 to T4 T4 to SF PI to PO PO to SF SF to PI Lap 4.1305 Т 2.0865 2.7261 2.3092 2.7096 2.2587 19.8659 2.6845 2.2258 2.8655 229 S 176.518 172.662 163.225 152.691 164.461 170.929 155.256 148.969 163.703 162.006 Т 2.6672 4.1082 2.0823 2.6994 2.2918 2.2201 2.7006 2.2587 2.8637 19.7838 230 S 177,663 173.600 163.554 154.201 165,709 171.368 155.773 148.969 163.806 162,679 Т 2.6704 4.1181 2.0897 2.7230 2.3043 2.2285 2.7208 2.2689 2.8728 19.8784 231 S 177,450 173.182 162.975 152.864 164.810 170.722 154.617 148.300 163.287 161.904 Т 2.6798 4.1366 2.1050 2.7264 2.3059 2.2423 2.7515 2,2740 2.8558 19.9407 232 S 152.892 176.828 172.408 161.790 152.674 164.696 169.672 147.967 164.259 161.399 Т 4.1558 2.1146 2.7665 2.3363 2.2457 2.2614 2.8403 20.0142 2.6871 2.7623 233 S 176.348 169.415 152.294 148.792 171.611 161.056 150.461 165,155 160.806 Т 2.7091 4.1934 2.1405 2.7791 2.3184 2.2240 2.6951 2.2160 2.8087 19.8909 234 S 174.916 170.072 159.107 149.779 163.808 171.068 156.091 151.840 167.014 161.803 Т 2.6523 4.1049 2.1005 2.7629 2.3167 2.2388 2.7184 2.2747 2.8532 19.9175 235 S 154.753 178,661 173,739 162.137 150.657 163.928 169.937 147.922 164,409 161.587 2.3097 Т 2.7582 4.2869 2.2043 2.8128 2.2632 2.7148 2.2179 2.8109 20.0918 236 151.710 S 171.802 166.363 154.502 147.984 164,425 168,105 154.959 166.883 160.185 2.8652 2.3482 2.2485 20.3249 Т 2.6997 4.2105 2.1939 2.3314 2.7967 2.8413 237 S 175.525 158.348 169.382 155.234 145.278 161.729 163.187 150.421 149.645 165.097 Т 20.9711 2.8415 4,4299 2.2947 2.9297 2.3646 2,4203 2.8099 2.3800 2.9304 238 S 166.765 160.993 148.415 142.079 157.193 149.714 141.377 153.468 160.077 Т 2.7247 4.1805 2.0960 2.7095 2.3032 2.3023 2.7671 2.2863 2.8781 20.0672 239 S 147.171 173.914 170.597 162.485 153.626 164.889 165.250 152.030 162.986 160.381 2.2497 Т 2.6691 4.1130 2.0852 2.8788 2.4284 2.2819 2.7419 2.8390 20.1740 240 S 177.537 173.397 163.326 144.591 156.388 166.727 153,427 149.565 165.231 159.532 Т 4.1819 2.6542 2.2499 2.2890 2.9694 2.4080 2.9375 20.3394 2.6913 2.1401 241 S 176,072 170.540 159.137 156.827 168,795 166.210 141.672 139.733 159,691 158.235 Т 2.6817 4.1025 2.0542 2.7694 2.3570 2.2851 2.7153 2.2622 2.8713 19.9962 242 S 176.703 173.841 166.494 154.930 148.739 165.791 150.303 161.125 163.372 160.951 Т 2.6841 4.1393 2.0906 2.6785 2.3057 2.2724 2.7690 2.2544 2.8347 19.8894 243 S 176.545 172.295 162.90! 155.404 164.710 167.424 151.926 149.254 165.482 161.815 Т 2.6818 4.1567 2.1335 2.7392 2.3006 2.2807 2.7840 2.2542 2.8350 20.0090 244 S 176,696 171.574 151.960 165.076 151.107 149.267 160.848 159,629 166.815 165,464 Т 2.6567 4.1084 2.1069 2.8787 2.4049 2.2771 2.7701 2.3103 2.8754 20.2801 245 S 178.366 173.591 161.644 144.597 157.916 167.079 151.865 145.642 163.139 158.697 Т 2.6832 4.1683 2.1702 2.8568 2.3464 2.2722 2.7231 2.2963 2.8915 20.2397 246 S 176,604 171.097 156.929 145.705 161.853 167,439 154.486 146.530 162,231 159.014 Т 2.6913 4.1617 2.1210 2.7560 2.3255 2.2641 2.7703 2.2838 2.8668 20.0788 247 176.072 171.368 160.570 151.034 163.308 168.038 151.854 147.332 163.629 160.288

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S	F to T1		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.7007	4.1863	2.1517	2.7366	2.2852	2.2592	2.7690	2.3341	2.8811	20.1176			
248	S	175.460	170.361	158.279	152.105	166.188	168.402	151.926	144.157	162.817	159.979			
240	Т	2.6872	4.1542	2.1230	2.7842	2.3403	2.2470	2.7528	2.2164	2.8048	19.9557			
249	S	176.341	171.677	160.418	149.504	162.275	169.317	152.820	151.813	167.246	161.277			
250	Т	2.7109	4.2290	2.1842	2.7815	2.3141					30.3792	29.8477		22.7984
250	S	174.799	168.641	155.924	149.649	164.112					105.941	33.363	1	124.605
251	T						2.5246	2.8542	2.2291	2.8119	41.1441		18.8772	
251	S						150.699	147.390	150.948	166.823	78.223		136.405	
252	T	2.6641	4.0989	2.0664	2.6310	2.2478	2.1775	2.5863	2.1983	2.8125	19.3839			
232	S	177.870	173.993	164.812	158.210	168.953	174.721	162.658	153.062	166.788	166.035			
253	T	2.6455	4.0697	2.0450	2.5508	2.1972	2.1251	2.5752	2.1249	2.7574	19.0211			
255	S	179.121	175.242	166.537	163.184	172.844	179.029	163.359	158.350	170.121	169.202			
254	Т	2.6146			2.5431				2.1007	2.7414	18.9920			
254	S	181.238	176.723	167.019	163.678	•		162.231	160.174		169.461			
255	T	2.6069	4.0195	2.0343	2.5789	2.2173	2.1202	2.5063	2.0663	2.7102	18.8404			
233	S	181.773	177.430	167.413	161.406	171.277	179.443	167.850	162.840	173.084	170.824			
256	工	2.5910	4.0031	2.0374	2.5663						18.8593			
230	S	182.888	178.157	167.158	162.198	171.999	179.587	167.329	160.686	171.828	170.653			
257	ഥ	2.6004	4.0106		2.5495	2.1995	2.1061	2.5189	2.0975		18.8379			
237	S	182.227	177.824		163.267			167.010	160.418	171.307	170.847			
258	ഥ	2.6056	4.0194								18.9870			
250	S	181.864	177.435	167.454			-	-		169.696	169.505			
259	ഥ	2.6643	4.2078		+			2.6479			19.8083			
233	S	177.857	169.490	151.176	•	•		•	•	•	162.477		ļ	
260	ഥ	2.6365	4.0531	2.0413					-	-	19.0490			
	S	179.732	175.960	166.839	160.696		-	164.728			168.954			
261	T	2.6216	4.0475		2.6227	2.2449					19.1489			
	S	180.754	176.203	165.799	158.710			163.747		+	168.072			
262	I	2.6090	4.0330		2.6404			2.6770	•	•	19.4954			
	S	181.627	176.837	165.719							165.085			
263	T	2.6483	4.1383	-				2.5655			19.4554			
	S	178.931	172.337	158.146				163.977	157.394		165.425			
264	Т	3.4616	5.6328	3.1550	4.6702	5.2454		3.7772	2.8354		30.6748			
	S	136.892	126.612	107.946	89.129	72.401	93.150	111.374		136.138	104.920			
265	T	3.4363	5.4872	3.0048	4.6350		4.6151	4.2172	3.7647	5.2611	35.0364			
	S	137.899	129.972	113.341	89.806	62.235		99.754		89.162	91.859			
266	T	5.0756	7.7392	3.8691	6.6857	7.4097		5.2889			44.6572			
	S	93.361	92.152	88.023	62.260	51.253	83.192	79.541	66.264	70.253	72.069			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 22 - Pagenaud, Simon

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	7.2923	11.0489	5.2748	6.5131	6.5629	5.1458	5.3126	5.0518	6.7523	47.9056	,		
267	S	64.981	64.548	64.565	63.910	57.867	73.935	79.186	66.605	69.471	67.182			
268	Т	6.5189	10.3084	5.3315	6.3238	6.8513	5.6211	5.8695	5.2869	7.0946	48.8976	j		
208	S	72.691	69.185	63.878	65.823	55.431	67.683	71.673	63.644	66.119	65.819)		
269	Т	6.5441	9.5031	4.3060	5.7228	6.3902	5.9239	6.8823	5.2967	6.5776	47.6436	j		
269	S	72.411	75.047	79.092	72.735	59.430	64.224	61.125	63.526	71.316	67.552			
270	Т	7.7472	11.1893	4.8698	6.5263	6.3114	5.4814	6.4296	5.3609	6.9984	49.7250)		
270	S	61.166	63.738	69.935	63.780	60.173	69.408	65.429	62.765	67.028	64.724	-		
271	Т	6.5761	10.0691	5.0229	6.4369	5.8393	5.4880	6.0967	4.9177	6.5788	46.9564	-		
2/1	S	72.058	70.829	67.803	64.666	65.037	69.325	69.002	68.422	71.303	68.540			
272	Т	7.1685	10.5785	4.8862	5.6500	5.7675	6.1227	5.7657	5.1806	6.5378	47.0790)		
	S	66.104	67.418	69.700	73.673	65.847	62.138	72.963	64.949	71.751	68.362			
273	Т	5.7324	8.8373	4.4208	5.5484	5.0352	5.0065	5.7002	4.9993	6.4501	42.8929)		
2/3	S	82.664	80.701	77.038	75.022	75.424	75.992	73.801	67.305	72.726	75.033			
274	Т	6.5152	9.4585	4.2301	5.9650	5.2081	4.8624	5.8881	4.3268	3.6471	40.6428	6		
2/4	S	72.732	75.401	80.511	69.782	72.920	78.244	71.446	77.766	128.620	79.187	'		
275	T	2.9336	4.5438	2.3417	2.8638	2.3170	2.2401	2.8171	2.2355	2.8340	20.5828			
2/5	S	161.530	156.957	145.436	145.349	163.907	169.838	149.332	150.515	165.523	156.364			
276	工	2.6953	4.1579		2.6294	2.2487	2.1900	·	2.1723	2.7896	19.4773			
270	S	175.811	171.525	162.237	158.306	168.885	173.724	158.580	154.894	168.157	165.239			
277	T	2.6127	4.0265	2.0380	2.6047	2.2366	2.1387		2.0938	2.7276	18.9865			
	S	181.369	177.122	167.109	159.807	169.799	177.891	165.989	160.702	171.979	169.510			
278	ഥ	2.5935	3.9826	1.9981	2.5503	2.2026	2.1055	2.4931	2.0767	2.7183	18.7381			
276	S	182.712	179.074		163.216	172.420	180.696			172.568	171.757	1		
279	ഥ	2.5854	3.9616	1.9826	2.5588		2.1027	2.4744	2.1155	2.7362	18.7600			
	S	183.284	180.024	171.779	162.674	172.279	180.936	170.014	159.053	171.439	171.557	1		
280	ഥ	2.5941	3.9715		2.5423				2.0853	2.7148				
	S	182.670	179.575		163.730		181.671	170.241	161.357	172.790	172.288			
281	ഥ	2.5758	•		2.5626		•	·	2.0916		18.7864			
	S	183.968	180.626		162.433		179.561	166.297	160.871	172.213	171.315			
282	ഥ	2.5731	3.9453		2.6333		2.1518		2.1887	2.7945	19.2377			
	S	184.161	180.767	170.899	158.072	168.743	176.808		153.734	167.862	167.297			
283	ㅁ	2.6406	4.0631	2.0448	2.5993					2.7481	19.0265			
	S	179.453	175.527	166.553	160.139				159.453	170.696	169.154			
284	ഥ	2.6010	3.9931	2.0086	2.5897	2.2258				2.7631	18.9748			
	S	182.185	178.604		160.733		179.096		157.689	169.770	169.614			
285	ഥ	2.6142			2.6001						19.0867			
	S	181.265	176.696	166.472	160.090	168.563	178.266	165.779	157.240	169.844	168.620			

Track: Iowa Speedway 0.894 mile(s)

Report: Section Data Report

Session: Race

NTT IndyCar Series

July 20, 2019



Section Data for Car 22 - Pagenaud, Simon

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6254	4.0416	2.0377	2.6094	2.2306	2.1463	2.5747	2.1684	2.7814	19.1739			
200	S	180.492	176.460	167.134	159.519	170.256	177.261	163.391	155.173	168.653	167.853			
287	Т	2.6266	4.0453	2.0442	2.6048	2.2305	2.1467	2.5715	2.1496	2.7726	19.1465			
207	S	180.410	176.299	166.602	159.801	170.263	177.228	163.594	156.530	169.188	168.093			
288	Т	2.6177	4.0296	2.0351	2.6062	2.2301	2.1440	2.5728	2.1668	2.7801	19.1528			
200	S	181.023	176.986	167.347	159.715	170.294	177.451	163.511	155.288	168.732	168.038			
289	Т	2.6316	4.0618	2.0581	2.5950	2.2211	2.1491	2.6201	2.1931	2.8018	19.2699			
209	S	180.067	175.583	165.477	160.405	170.984	177.030	160.559	153.425	167.425	167.017			
290	Т	2.6288	4.0487	2.0403	2.5878	2.2256	2.1383	2.5666	2.1417	2.7680	19.0971			
290	S	180.259	176.151	166.921	160.851	170.638	177.924	163.906	157.108	169.469	168.528			
291	Т	2.6159	4.0287	2.0345	2.6228	2.2586	2.1620	2.5858	2.1923	2.8054	19.2773			
231	S	181.147	177.025	167.397	158.704	168.145	175.973	162.689	153.481	167.210	166.953			
292	Т	2.6350	4.0466	2.0363	2.6398	2.2577	2.1873	2.6261	2.2617	2.8911	19.5350			
292	S	179.834	176.242	167.249	157.682	168.212	173.938	160.193	148.772	162.253	164.750			
293	Т	2.6773	4.0963	2.0383	2.6581	2.2987	2.2231	2.6626	2.1868	2.8075	19.5524			
293	S	176.993	174.104	167.084	156.597	165.212	171.137	157.997	153.867	167.085	164.604			
294	Т	2.6606	4.1149	2.0956	2.6748	2.2752	2.2060	2.6668	2.1895	2.8129	19.5814			
294	S	178.104	173.317	162.516	155.619	166.918	172.464	157.748	153.678	166.764	164.360			
295	Т	2.6644	4.1173	2.0873	2.6816	2.2832	2.2030	2.6587	2.2420	2.8614	19.6816			
293	S	177.850	173.216	163.162	155.224	166.334	172.698	158.228	150.079	163.938	163.523			
296	Т	2.6851	4.1337	2.0875	2.6863	2.2820	2.2172	2.6745	2.2430	2.8495	19.7251			
290	S	176.479	172.529	163.146	154.953	166.421	171.592	157.294	150.012	164.622	163.163			
297	Т	2.6712	4.1322	2.1047	2.6512	2.2550	2.2002	2.6708	2.2227	2.8365	19.6123			
297	S	177.397	172.591	161.813	157.004	168.414	172.918	157.512	151.382	165.377	164.101			
298	Т	2.6778	4.1449	2.1107	2.6765	2.2750	2.2106	2.6657	2.2290	2.8351	19.6804			
290	S	176.960	172.062	161.353	155.520	166.933	172.105	157.813	150.954	165.458	163.533			
299	Т	2.6873	4.1471	2.0978	2.7014	2.3041	2.2224	2.6834	2.2212	2.8438	19.7614			
233	S	176.334	171.971	162.345	154.087	164.825	171.191	156.772	151.484	164.952	162.863			
300	Т	2.7018	4.1847	2.1336	2.7310	2.3277	2.2849	2.7837	2.3831	2.9877	20.3335			
300	S	175.388	170.426	159.621	152.417	163.154	166.508	151.123	141.193	157.007	158.281			
301	Т	3.1476	5.0927	2.8345	4.0983	4.2130	4.0823	5.5886						31.4998
301	S	150.548	140.040	120.151	101.567	90.143	93.196	75.275						90.185

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	7.3042	10.5962	4.4430	5.5499	4.9201	5.3826	4.1870	3.8399	4.2295	39.8562		33.2763	
1	S	64.876	67.305	76.653	75.001	77.188	70.682	100.473	87.627	110.909	80.750		77.381	
	Т	3.9354	5.9824	2.8877	3.3141	2.9298	2.7566	3.0833	2.3328	2.7984	24.0381			
2	S	120.411	119.213	117.938	125.600	129.624	138.016	136.439	144.238	167.628	133.887			
3	Т	2.8065	4.5115	2.4817	2.9571	2.3923	2.3465	2.9100	2.3315	2.8535	21.0791			
	S	168.845	158.081	137.232	140.763	158.748	162.137	144.564	144.318	164.391	152.682			
4	Т	2.8870	4.5936	2.4370	2.8481	2.2864	2.1637	2.6292	2.2787	2.8417	20.3718			
4	S	164.137	155.256	139.749	146.150	166.101	175.835	160.004	147.662	165.074	157.983			
5	Т	2.7606	4.3289	2.2642	2.8049	2.3106	2.2037	2.6634	2.1904	2.7642	19.9620			
	S	171.652	164.749	150.414	148.401	164.361	172.644	157.949	153.615	169.702	161.226			
6	Т	2.7506	4.2996	2.2351	2.6822	2.2393	2.1458	2.6866	2.1873	2.7754	19.7023			
	S	172.276	165.872	152.373	155.190	169.594	177.302	156.585	153.832	169.017	163.351			
7	Т	2.7367	4.2435	2.1586	2.6802	2.2780	2.1505	2.5799	2.1600	2.7543	19.4982			
	S	173.151	168.065	157.773	155.306	166.713	176.914	163.061	155.777	170.312	165.061			
8	Т	2.6380	4.1076	2.1198	2.6583	2.2456	2.1420	2.6219	2.2077	2.8593	19.4926			
•	S	179.630	173.625	160.661	156.585	169.119	177.617	160.449	152.411	164.058	165.109			
9	Т	2.6780	4.1101	2.0595	2.6532	2.2690	2.1463	2.5620	2.2043	2.7953	19.3676			
	S	176.947	173.519	165.364	156.886	167.374	177.261	164.201	152.646	167.814	166.174			
10	Т	2.6563	4.1369	2.1405	2.7134	2.3136	2.1706	2.5835	2.1143	2.7610	19.4532			
10	S	178.392	172.395	159.107	153.405	164.148	175.276	162.834	159.144	169.899	165.443			
11	Т	2.6471	4.1091	2.0965	2.6393	2.2668	2.1455	2.5484	2.1769	2.7746	19.2951			
	S	179.012	173.562	162.446	157.712	167.537	177.327	165.077	154.567	169.066	166.799			
12	T	2.6423	4.1223	2.1319	2.6688	2.2558	2.1401	2.5721	2.2050	2.7972	19.4132			
12	S	179.338	173.006	159.749	155.969	168.354	177.774			167.700	165.784			
13	Т	2.7134	4.2246	2.1825	2.6835	2.2652	2.1338	2.5428	2.1668	2.8095	19.4975			
	S	174.638	168.816	156.045	155.115	167.655	178.299	165.440	155.288	166.966	165.067			
14	Т	2.6857	4.1880					2.5890	2.1527	2.7735	19.4931			
17	S	176.440	170.292	157.817	154.567					169.133	165.105			
15	Т	2.6632	4.1503	2.1392			•			2.7770	19.4035			
	S	177.930	171.839	159.204	156.309	168.309	177.500	162.119		168.920	165.867			
16	Т	2.9644	4.7489	2.5729	3.3755		3.3643	3.8703		4.8354	27.3482			
	S	159.851	150.178	132.367	123.315	121.453	113.086	108.695		97.012	117.682			
17	Т	4.6315	6.9129	3.2268	3.7372	3.0534	2.8642	3.2103	2.6983	3.5727	26.9944			
	S	102.313	103.167	105.544	111.380	124.377	132.831	131.041	124.700	131.299	119.225			
18	Т	4.0640	6.3254	3.2654	4.6349	4.8517	5.2415	5.2303	4.3530	6.9180	38.5588			
10	S	116.600	112.749	104.296	89.808	78.276	72.585	80.432	77.298	67.807	83.467			
19	Т	6.5670	9.6583	4.2744	5.1907	4.8587	4.2279	4.2712		4.7379	37.8270			
13	S	72.158	73.841	79.676	80.191	78.163	89.987	98.493	90.959	99.008	85.082			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	7.0957	10.5693	4.8109	5.8524	6.3382	6.3508	4.5091	2.8578	3.8563	41.6712		T .	
20	S	66.782	67.477	70.791	71.125	59.918	59.907	93.296	117.740	121.643	77.233	1		
24	Т	6.0013	9.2431	4.5406	5.0675	4.8534	4.8427	4.7800	3.9208	5.3147	39.3210)		
21	S	78.960	77.158	75.005	82.141	78.249	78.562	88.009	85.819	88.263	81.849)		
22	Т	6.0131	9.0520	4.3481	5.9129	5.4840	5.3154	3.7538	3.6321	6.0884	40.5478			
22	S	78.805	78.787	78.326	70.397	69.251	71.576	112.068	92.640	77.047	79.373			
22	Т	6.5266	8.9844	3.4274	4.6396	4.7709	4.5489	4.5729	4.3300	6.0098	38.8261			
23	S	72.605	79.380	99.366	89.717	79.602	83.637	91.995	77.708	78.054	82.893	1		
24	Т	4.7783	6.9136	3.0433	4.5374	3.2511	2.6695	2.7030	2.2269	2.8595	26.0690)		
24	S	99.170	103.156	111.908	91.738	116.814	142.519	155.635	151.097	164.046	123.457	'		
25	Т	2.7565	4.3009	2.2458	2.7964	2.3109	2.1674	2.5852	2.2352	2.8002	19.8976			
25	S	171.908	165.822	151.647	148.852	164.340	175.535	162.727	150.536	167.521	161.748			
36	Т	2.8111	4.3551	2.2194	2.7664	2.2981	2.1616	2.6895	2.2805	2.8289	20.0555			
26	S	168.569	163.758	153.451	150.466	165.255	176.006	156.416	147.545	165.821	160.475			
27	Т	2.7407	4.2715	2.1985	2.7292	2.2742	2.1522	2.6803	2.2405	2.7909	19.8065			
	S	172.899	166.963	154.909	152.517	166.992	176.775	156.953	150.180	168.079	162.492			
20	Т	2.6636	4.2001	2.2132	2.8004	2.2977	2.1580	2.6632	2.2609	2.8081	19.8651			
28	S	177.903	169.801	153.880	148.639	165.284	176.300	157.961	148.824	167.049	162.013			
29	T	2.7011	4.2338	2.2102	2.7156	2.2620	2.1462	2.6386	2.2104	2.7810	19.6651			
29	S	175.434	168.450	154.089	153.281	167.892	177.269	159.434	152.225	168.677	163.660			
30	Т	2.6781	4.1924	2.1774	2.6410	2.2424	2.1342	2.7033	2.2492	2.8153	19.6409			
30	S	176.940	170.113	156.410	157.611	169.360	178.266	155.618	149.599	166.622	163.862			
31	T	2.7399	4.2686	2.2020	2.7390	2.2698	2.1572	2.6398	2.2620	2.8264	19.8361			
31	S	172.949	167.076	154.663	151.972	167.316		159.361	148.752	165.968	162.250			
32	T	2.6790	4.1834	2.1588	2.6920	2.2639	2.1447	2.6116	2.2904	2.8515	19.6919			
32	S	176.881	170.479	157.758	154.625	167.752	177.393	161.082	146.908	164.507	163.438	3		
33	Т	2.6824	4.1844	2.1767	2.7771	2.2855			2.3299	2.8804	20.0257	1		
	S	176.657	170.438	156.461	149.887	166.166	174.865			162.856	160.713			
34	T	2.7556	4.2908	2.1935	2.7330	2.2994			2.3506	2.9042	20.0451			
	S	171.964	166.212	155.262	152.305	165.162	175.252	159.476	143.145	161.522	160.558	1		
35	T	2.7444			2.7668	2.3279	2.1992		2.4718	-	20.4652			
	S	172.666			150.445	163.140			136.126		157.262			
36	I	2.7915			2.7309	2.2941	2.1860	2.6632	2.2289	2.8277	19.9361			
	S	169.752	164.214	153.839	152.422	165.543	174.041		150.961	165.891	161.436			
37	T	2.7238	4.2217	2.1636	2.7535	2.3035	2.1739	2.6001	2.2882	2.8631	19.8697	1		
	S	173.972			151.171	164.868	175.010	-	147.049	163.840	161.975			
38	Т	2.7465	4.2575	2.1746	2.7543	2.3038	2.1852	2.6652	2.2823	2.8400	19.9519			
	S	172.534	167.512	156.612	151.127	164.846	174.105	157.842	147.429	165.173	161.308	3		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: **Session: Race**

TAG July 20, 2019 INDYCAR

Section Data for Car 26 - Veach, Zach

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	2.7634	4.2991	2.2000	2.7665	2.3116	2.1997	2.6663	2.2306	2.8078	19.9459			
39	S	171.478	165.891	154.804	150.461	164.290	172.957	157.777	150.846	167.067	161.356			
40	Т	2.6991	4.1820	2.1425	2.7396	2.2934	2.1748	2.6336	2.2789	2.8526	19.8145			
40	S	175.564	170.536	158.958	151.938	165.594	174.938	159.736	147.649	164.443	162.427			
41	Т	2.6879	4.1578	2.1264	2.6982	2.2844	2.1779	2.6559	2.2199	2.8072	19.6578			
41	S	176.295	171.529	160.162	154.270	166.246	174.689	158.395	151.573	167.103	163.721			
42	Т	2.7257	4.3210	2.2999	2.8332	2.3387	2.1965	2.7690	2.2767	2.8674	20.3071			
42	S	173.850	165.050	148.080	146.919	162.386	173.209	151.926	147.792	163.595	158.486			
43	Т	2.7407	4.2577	2.1778	2.7340	2.3032	2.1693	2.6024	2.2313	2.8359	19.7946			
	S	172.899	167.504	156.382	152.249	164.889	175.381	161.651	150.799	165.412	162.590			
44	Т	2.7155	4.2160	2.1589	2.7439		2.1706		2.2916	2.8620	19.8466			
	S	174.503	169.161	157.751	151.700	165.608	175.276	161.125	146.831	163.903	162.164			
45	T	2.7221	4.2406	2.1801	2.7468	2.3065	2.1763	2.5912	2.2384	2.8414	19.8028			
43	S	174.080	168.179	156.217	151.540		174.817	162.350	150.320	165.091	162.522			
46	T	2.7305	4.2411	2.1765	2.7822	2.3371	2.2090	2.6542	2.2719	2.8796	20.0410			
	S	173.545	168.160		149.612	162.497	172.229		148.104	162.901	160.591			
47	T	2.7219	4.2150		2.7167	2.2881	2.1757	2.6298	2.2269	2.8091	19.7178			
	S	174.093	169.201	158.433	153.219	165.977	174.865	159.967	151.097	166.990	163.223			
48	口	2.7039	4.1964	2.1442	2.7031	2.2793			2.2675	2.8447	19.8288			
	S	175.252	169.951	158.832	153.990	166.618		155.199	148.391	164.900	162.309			
49	I	2.7031	4.2490	2.2286	2.7676				2.3005	2.8965	20.1094			
	S	175.304	167.847	152.817	150.401	164.818			146.263	161.951	160.045			
50	I	2.7269	4.2305	2.1595	2.7450			2.6454	2.2462	2.8688	19.8897			
	S	173.774	168.581	157.707	151.639	164.176	•		149.798	163.515	161.812			
51	T	3.1842	5.0613	2.7121	3.8269	3.4530	3.2987	3.9941	3.4840	4.4274	28.3804			
	S	148.817	140.909	125.574	108.770	109.983	115.335	105.326	96.578	105.952	113.402			
52	T	4.4534	6.8666	3.4084	3.9438	3.2882	3.0431	3.6458	3.2791	4.4499	29.5117			
	S	106.405	103.862	99.920	105.545	115.496	125.022	115.388	102.613	105.416	109.055			
53	T	5.1045	8.1013	4.2101	4.7844	5.3994	6.1484	5.5686	4.6095	6.1793	42.0042			
	S	92.833	88.033	80.893	87.002	70.336	61.879	75.545	72.996	75.913	76.621			
54	T	6.3538	9.6781	4.5881	5.5146	5.7874	4.9697	5.3891	4.4614	6.2661	43.3302			
ļ.,	S	74.580	73.690	74.229	75.481	65.621	76.555	78.062	75.420	74.862	74.276			
55	T	6.5320	10.2512	5.1527	6.3016	5.5565	6.2661	8.4975			69.0084			50.2876
<u> </u>	S	72.545	69.571	66.095	66.055	68.347	60.716	49.507			46.638	0.604		56.491
56	I						4.0965	3.8353	3.0653	4.6533	1656.0488		26.8885	
	S	4.00.					92.873	109.687	109.770	100.808	1.943		95.764	
57	I	6.0888	9.0976	4.1138	4.4080	4.1900	4.3543	5.4869	4.4267	4.9411	38.0096			
	S	77.825	78.392	82.787	94.431	90.638	87.374	76.670	76.011	94.937	84.673			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR



Section Data for Car 26 - Veach, Zach

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	5.2287	7.5308	3.2154	3.8674	4.0846	4.0372	4.5740)		50.9641	32.1127		31.7287
30	S	90.627	94.702	105.918	107.630	92.977	94.237	91.972			63.150	31.009		89.534
F0	Т						3.5514	4.0918	3.3506	4.0078	38.6562		25.7789	
59	S						107.128	102.811	100.423	117.044	83.257		99.886	
60	Т	4.4245	6.6864	3.1672	3.5346	2.7562	3.1025	3.8053	3.4003	6.5549	30.7455			
60	S	107.100	106.662	107.530	117.764	137.789	122.628	110.552	98.955	71.563	104.679			
61	Т	8.2793	10.8390	3.5126	4.8204	5.7392	5.9201	4.7398	4.6200	5.1577	42.7891			
01	S	57.235	65.798	96.956	86.352	66.172	64.265			90.950	75.215			
62	Т	5.3297	7.8192	3.5729	4.3121	3.4712	4.6855	4.3225	4.0055	5.2381	34.9375			
02	S	88.910	91.209	95.320	96.531	109.407	81.198	97.324	84.004	89.554	92.119			
63	T	7.1768	9.5952	3.4678	4.3003	5.2963	6.6063	5.1060	4.0915	6.8871	42.9321			
03	S	66.027	74.327	98.209	96.796		57.590	82.390		68.112	74.965			
64	T	7.0003	9.6425	3.5461	4.2048	4.7609	5.1887	5.0624	3.8934	5.4646	39.1212			
04	S	67.692	73.962	96.040	98.994	79.769	73.324	83.099	86.422	85.842	82.267			
65	T	4.9065	7.0420	2.9963	3.5915	3.4708	4.0492	4.5256	2.7567	3.0263	29.3229			
05	S	96.579	101.275	113.663	115.899				122.058	155.005	109.757			
66	T	2.8824	4.5558		2.9118		2.2310	2.7611	2.2419	2.8112	20.5844			
	S	164.399	156.544		142.953		170.531			166.865	156.351			
67	T	2.7298	4.2684	2.2287	2.7523		2.1495		2.1333	2.7413	19.6316			
- 07	S	173.589	167.084		151.237		176.997			171.120	163.940			
68	T	2.6784	4.1568	2.1323	2.6628		2.1452	2.5713	2.1162	2.7346	19.2941			
	S	176.920	171.570		156.320		177.352			171.539	166.807			
69	LT	2.6413	4.0916		2.6022					2.7305	19.0455			
	S	179.405	174.304		159.961	170.585				171.797	168.985			
70	L	2.6059	4.0166		2.6072	-		-		2.7393	19.0079			
	S	181.843	177.559		159.654					171.245	169.319			
71	I	2.6376	4.0591	2.0631	2.7055		2.1493				19.2242			
ļ	S	179.657	175.699		153.853		177.013			170.294	167.414			
72	L	2.6071	4.0276		2.6394					2.7680	19.1555			
<u> </u>	S	181.759	177.074		157.706					169.469	168.014			
73	T	2.6407	4.0644		2.6365		2.1272			2.8280	19.3133			
<u> </u>	S	179.446	175.470		157.880			-		165.874	166.642			
74	I	2.6630	4.0958		2.6493					2.8071	19.3569			
	S	177.944	174.125	164.621	157.117		178.165	+	152.404	167.109	166.266			ļ
75	I	2.6280	4.0352		2.6510					2.7933	19.2324			
	S	180.313	176.740		157.016				-	167.934	167.343			
76	T	2.6460			2.6782			2.5459		2.7773	19.2698			
	S	179.087	175.315	165.469	155.422	167.389	177.558	165.239	156.305	168.902	167.018			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S!	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.6439	4.0856	2.0829	2.6651	2.2657	2.1524	2.5680	2.1842	2.7990	19.3612	2		
77	S	179.229	174.560	163.507	156.186	167.618	176.758	163.817	154.051	167.592	166.229)		
70	Т	2.6633	4.0993	2.0759	2.6819	2.2679	2.1515	2.5634	2.1929	2.7989	19.3957	7		
78	S	177.923	173.976	164.058	155.207	167.456	176.832	164.111	153.439	167.598	165.934	ŀ		
79	Т	2.6508	4.0975	2.0947	2.7072	2.2756	2.1647	2.6094	2.1459	2.7707	19.4190)		
/9	S	178.763	174.053	162.586	153.757	166.889	175.754	161.218	156.800	169.304	165.735	5		
80	Т	2.6460	4.0782	2.0762	2.6776	2.2603	2.1461	2.6220	2.2491	2.8399	19.5172	2		
80	S	179.087	174.877	164.034	155.456	168.019	177.277	160.443	149.605	165.179	164.901			
81	Т	2.6599	4.1126	2.1066	2.7138	2.2810	2.1688	2.6442	2.2799	2.8636	19.7178	3		
01	S	178.151	173.414	161.667	153.383	166.494	175.422	159.096	147.584	163.812	163.223	3		
82	Т	2.6901	4.1673	2.1287	2.7070	2.2792	2.1675	2.6160	2.2210	2.8145	19.6240			
02	S	176.151	171.138	159.989	153.768	166.625	175.527	160.811	151.498	166.669	164.003	3		
83	Т	2.7015	4.1862	2.1393	2.7067	2.2744	2.1667			2.8327	19.7314	H		
65	S	175.408	170.365	159.196			175.592	157.276	150.529	165.599	163.111			
84	Т	2.7163	4.2191	2.1694	2.7343	2.2855	2.1600	2.9592	2.4884	2.9509	20.4640)		
04	S	174.452	169.036	156.987	152.233	166.166	176.136	142.161	135.218	158.965	157.271			
85	T	2.7209	4.2075	2.1395	2.6942	2.2751	2.1633	2.6588	2.2633	-	19.8038	3		
65	S	174.157	169.503	159.181	154.499	166.926	175.868	158.222	148.667	162.388	162.514	ŀ		
86	T	2.7620	4.2807	2.1736	2.7112	2.2946	2.1733	2.6240	2.2485	2.8623	19.8495	5		
- 00	S	171.565	166.604	156.684	153.530	165.507	175.058	160.321	149.645	163.886	162.140)		
87	T	2.7427	4.2494	2.1638	2.7322	2.2901	2.1832	2.6012	2.2130	2.8335	19.7597	7		
07	S	172.773	167.831	157.394	152.350	165.832	174.265	161.726	152.046	165.552	162.877	7		
88	T	2.6953	4.1864	2.1416	2.6861	2.2783	2.1830	2.6631	2.2590	2.8517	19.7581			
	S	175.811	170.357	159.025			174.281	157.967	148.950	164.495	162.890)		
89	工	2.6775	4.1468	2.1175	2.7086	2.2928	2.2172	2.7100	2.3012	2.8935	19.9183	3		
	S	176.980	171.984	160.835		165.637	171.592	-			161.580			
90	Т	2.7400	4.2428				2.2033				20.1009			
	S	172.943	168.092				172.675				160.112			
91	I	2.7663	4.3343		+	1	1			1	20.2848			
<u> </u>	S	171.299	164.544								158.661			
92	T	2.7614	4.3124			2.3027	2.2005	-			20.0281			
	S	171.603	165.379								160.694			
93	T	2.7080	4.2099								19.6918			
	S	174.987	169.406		+	165.970				•	163.439			
94	工	2.7041	4.1894			2.2739					19.5794			
	S	175.239	170.235	159.554							164.377			
95	Т	2.6792	4.1400								19.5920)		
	S	176.868	172.266	162.114	155.782	166.984	173.795	159.024	152.225	166.297	164.271			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
0.5	Т	2.6662	4.1122	2.0818	2.6613	2.2701	2.1713	2.6098	2.2189	2.8259	19.5053	3		
96	S	177.730	173.431	163.593	156.409	167.293	175.220	161.193	151.641	165.997	165.001			
0.7	Т	2.6949	4.1885	2.1442	2.7042	2.2973	2.1861	2.6522	2.2038	2.8112	19.6939)		
97	S	175.837	170.271	158.832	153.927	165.313	174.033	158.616	152.680	166.865	163.421			
98	Т	2.6744	4.1290	2.0994	2.7155	2.3100	2.2222	2.7155	2.2339	2.8398	19.8107	7		
90	S	177.185	172.725	162.222	153.287	164.404	171.206	154.919	150.623	165.184	162.458	3		
99	Т	2.6970	4.1777	2.1316	2.7604	2.3242	2.1941	2.6602	2.2651	2.8913	19.9239			
	S	175.700	170.712	159.771	150.793	163.399	173.399	158.139	148.549	162.242	161.535			
100	Т	2.7212	4.2090	2.1399	2.7298	2.3069	2.1926	2.6722	2.2892	2.8658	19.9176	5		
100	S	174.138	169.442	159.151	152.484	164.625	173.518	157.429	146.985	163.686	161.586	5		
101	Т	2.6867	4.1705	2.1392		2.3210	2.1919	2.6465	2.2355	2.8409	19.8102	2		
101	S	176.374	171.006	159.204	151.446	163.625	173.573	158.958	150.515	165.121	162.462	2		
102	Т	2.6704	4.1408	2.1205	2.7123	2.2882	2.1772	2.6554	2.2494	2.8533	19.7267	7		
102	S	177.450	172.233	160.607	153.468	165.970	174.745	158.425	149.585	164.403	163.149			
103	Т	2.6976	4.1770	2.1279	2.7387	2.3072	2.1826	2.6789	2.2888	2.8714	19.8931			
103	S	175.661	170.740	160.049	151.988	164.603	174.313	157.035	147.010	163.367	161.785	5		
104	T	2.7179	4.2222	2.1712	2.7405	2.2963	2.2555	2.7766	2.2480	2.8351	20.0411			
104	S	174.349	168.912	156.857	151.888	165.385	168.679	151.510	149.679	165.458	160.590)		
105	T	2.6717	4.2060	2.2173	2.7834	2.3116	2.1710	2.7359	2.3120	2.9100	20.1129			
103	S	177.364	169.563	153.596	149.547	164.290	175.244	153.764	145.535	161.200	160.017	7		
106	Т	2.7616	4.2935	2.1971	2.8051	2.3296	2.2213	2.7314	2.3226	2.9081	20.2768	3		
100	S	171.590	166.107	155.008	148.390	163.021	171.276	154.017	144.871	161.305	158.723	3		
107	T	2.7487	4.2410	2.1550	2.7841	2.3372	2.2297	2.7169	2.3168	2.9204	20.2088	3		
107	S	172.396	168.164	·							159.257	7		
108	T	2.8560	4.4690	2.3123	2.8511	2.3505	2.2196	2.7127	2.2844	2.9158	20.5024	H		
100	S	165.919	159.584	147.285	145.996	161.571	171.407	-	147.294	160.879	156.977	7		
109	T	2.8221	4.4053			2.3533					20.4395			
105	S	167.912	161.892			161.379				+	157.460			
110	T	2.8164				2.3727	2.2424	1			20.3977			
	S	168.252	163.375			160.059		 			157.782			
111	T	2.9077	4.4979				2.2143				20.6300			
	S	162.969	158.559			161.489					156.006			
112	T	2.7838	4.3315			2.3510				+	20.4310			
	S	170.222	164.650		+	161.537	171.825	+		159.138	157.525			
113	工	2.7891	4.3545		+	2.3196			 		20.4548			
	S	169.898	163.780	151.633		163.723	169.317			158.938	157.342			
114	Т	2.8164	4.4839		2.9591	2.4200			2.4202		21.1026	5		
114	S	168.252	159.054	142.075	140.668	156.931	167.527	149.618	139.029	155.994	152.512	2		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.8245	4.4014	2.2594	2.8842	2.4145	2.2557	2.8329	2.3892	2.9640	20.8244			
115	S	167.769	162.035	150.734	144.321	157.288	168.664	148.499	140.833	158.263	154.549			
116	Т	2.8247	4.4511	2.3316	2.8868	2.3928	2.3006	2.8500	2.3293	2.8934	20.8092			
116	S	167.757	160.226	146.066	144.191	158.715	165.372	147.608	144.454	162.124	154.662			
117	Т	2.7958	4.4132	2.3238	2.8717	2.3787	2.2295	2.8905	2.3917	2.9651	20.8468			
117	S	169.491	161.602	146.557	144.949	159.656	170.646	145.539	140.685	158.204	154.383			
118	Т	2.7732	4.3192	2.2250	2.9036	2.4310	2.2716	2.7519	2.3573	2.9376	20.6512			
110	S	170.873	165.119	153.064	143.357	156.221	167.483	152.870	142.738	159.685	155.846			
119	Т	2.7638	4.3156	2.2292	2.8494	2.3706	2.2338	2.7072	2.3655	2.9260	20.4455			
119	S	171.454	165.257	152.776	146.083	160.201	170.317	155.394	142.244	160.318	157.414			
120	Т	2.7362	4.2748	2.2158	2.8351	2.3551	2.2372	2.7477	2.2906	2.8802	20.2979			
120	S	173.183	166.834	153.700	146.820	161.255	170.058	153.103	146.895	162.867	158.558			
121	Т	2.7427	4.2790	2.2095	2.8823	2.3944	2.2620	2.7591	2.3382	2.9174	20.5056			
121	S	172.773	166.670	154.138	144.416	158.609	168.194	152.471	143.904	160.791	156.952			
122	Т	2.7799	4.3551	2.2621	2.8905	2.3935	2.2648	2.7797	2.3942	2.9442	20.7089			
122	S	170.461	163.758	150.554	144.006	158.668	167.986	151.341	140.538	159.327	155.411			
123	T	2.8070	4.3730	2.2608	-	2.3949	2.3017	2.8401	2.3795	2.9271	20.8021			
123	S	168.815	163.088	150.641	143.981	158.576	165.293	148.122	141.407	160.258	154.715			
124	T	2.9060	4.5522	2.3602	2.9199	2.3945	2.2693	2.8016	2.3866	2.9389	20.9770			
127	S	163.064	156.668	144.296	142.556	158.602	167.653	150.158	140.986	159.614	153.425			
125	Т	2.7826	4.3619	2.2781	2.9288	2.4042	2.2597	2.8876	2.3686	2.9307	20.8403			
123	S	170.295	163.503	149.497	142.123	157.962	168.365	145.686	142.057	160.061	154.432			
126	T	2.7439	4.3145	2.2748		2.3591	2.2221	2.8954	2.3613	2.9247	20.6603			
120	S	172.697	165.299		144.581	160.982	171.214			160.389	155.777			
127	Т	2.8458	4.4437	2.2946	2.8740	2.3834	2.2404	2.7084	2.3660	2.9711	20.6837			
12/	S	166.513	160.493	148.422	144.833	159.341	169.815	155.325	142.214	157.885	155.601			
128	T	2.7422				2.3897	2.2409				20.3191			
120	S	172.804				158.921	169.778			163.983	158.393			
129	Т	2.6855	4.2491	2.2709	2.8458	2.3519	2.2305	2.7331	2.3913	3.0180	20.5270			
123	S	176.453	167.843	149.971	146.268	161.475	170.569	153.921	140.709	155.431	156.789			
130	Т	2.7884				2.4166			-	2.9647	20.7199			
130	S	169.941	162.500			157.152	169.634			158.225	155.329			
131	Т	2.7892				2.4069	2.2537			2.9005	20.5486		1	
131	S	169.892	164.150	151.897	143.609	157.785	168.813	153.640	145.058	161.728	156.624			
132	Т	2.7607	4.3158		2.8862	2.3955	2.2277	2.6942	2.2966	2.8845	20.3865			
132	S	171.646	165.249	151.965	144.221	158.536	170.784	156.144	146.511	162.625	157.869			
122	Т	2.7264	4.2563	2.2082	2.8865	2.3903	2.2309	2.7239	2.2822	2.8626	20.3110			
133	S	173.806	167.559	154.229	144.206	158.881	170.539	154.441	147.435	163.869	158.456			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 26 - Veach, Zach

Race

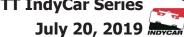
Report:

Session:

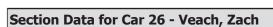
Lap			SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	Т	2.7451	4.2884	2.2314	2.8673	2.3800	2.2209	2.6915	2.3161	2.8948	20.3471			
134	S	172.622	166.305	152.625	145.171	159.568	171.306	156.300	145.278	162.046	158.175			
425	Т	2.7520	4.3088	2.2482	2.8749	2.3725	2.2219	2.6992	2.3170	2.8980	20.3837			
135	S	172.189	165.518	151.485	144.788	160.073	171.229	155.854	145.221	161.867	157.891		1	1
426	Т	2.7891	4.3512	2.2461	2.8977	2.4076	2.2375	2.7054	2.3501	2.9256	20.5591			1
136	S	169.898	163.905	151.626	143.648	157.739	170.036	155.497	143.176	160.340	156.544			
407	Т	2.7549	4.3018	2.2356	2.9303	2.4425	2.3483	2.9636	2.4297	2.9623	21.0672			1
137	S	172.008	165.787	152.339	142.050	155.485	162.013	141.950	138.485	158.354	152.768	l l		
120	Т	2.7787	4.3468	2.2577	2.9554	2.4585	2.3660	3.0416	2.4527	2.9785	21.2891			
138	S	170.534	164.071	150.847	140.844	154.473	160.801	138.309	137.186	157.492	151.176			1
120	Т	2.8358	4.4330	2.2968	2.9659	2.4184	2.2584	2.8289	2.3608	2.9464	20.9114			
139	S	167.101	160.880			157.035	168.462			159.208	153.906			
140	Т	2.8192	4.4586	2.3715	3.0741	2.6324		4.7473	3		43.5219	31.6042		24.6709
140	S	168.084	159.956	143.609	135.405	144.269	115.826	88.615	j		73.949	31.508		115.148
141	Т						2.5310	2.9646	2.2291	2.8107	31.8222		19.0690	
141	S						150.318	141.902	150.948	166.895	101.137		135.033	
142	Т	2.7202	4.2426	2.1733	2.6630	2.2860	2.1758	2.5898	2.1168	2.7460	19.4709			
142	S	174.202	168.100	156.706	156.309	166.130	174.857	162.438	158.956	170.827	165.293			
143	Т	2.6150	4.0392	2.0417	2.6184	2.2547	2.1400	2.5759	2.1762	2.7528	19.1747			
143	S	181.210	176.565	166.806	158.971	168.436	177.782	163.314	154.617	170.405	167.846			
144	Т	2.6945	4.1924	2.1346	2.6668	2.2627	2.1468	2.5264	2.1011	2.7403	19.2732			
144	S	175.863	170.113	159.547	156.086	167.841	177.219	166.514	160.143	171.182	166.988			
145	Т	2.5980	4.0117	2.0299	2.6079	2.2576	2.1425	2.4973	2.0824	2.7244	18.9400			
145	S	182.396	177.775	167.776	159.611	168.220	177.575	168.455	161.581	172.181	169.926			
146	Т	2.5845	3.9698	1.9999	2.6338	2.2595	2.1414	2.5054	2.1256	2.7810	19.0311			
140	S	183.348	179.652		158.042	168.078	177.666	167.910	158.298	168.677	169.113			
147	Т	2.6203	4.0246	2.0279	2.6134	2.2613	2.1346	2.4632	2.1433	2.7912	19.0552			
	S	180.843	177.206		159.275	167.944	178.232			168.061	168.899	-		
148	Т	2.6420	4.0798	2.0628	2.6389	2.2750	2.1423	2.4788	2.1391	2.7726	19.1515			
	S	179.358	174.808	165.100		166.933	177.592	169.712	157.299	169.188	168.050			
149	Т	2.6485	4.0959			2.2446	-	2.5706		2.7777	19.2115			
179	S	178.918	174.121	164.367	160.207	169.194	175.957	163.651		168.877	167.525			
150	Т	2.6341	4.0695			2.2634	2.1540			2.8283	19.3541			
130	S	179.896	175.250	+		167.789	176.627	164.355		165.856	166.290			
151	Т	2.6517	4.0785			2.2588	2.1789				19.3913			
	S	178.702	174.864	165.775	158.000	168.130	174.609	158.455	154.149	169.023	165.971			
152	Т	2.6280	4.0515	2.0492	2.6187	2.2629	2.1509	2.5403	2.1769	2.7955	19.2224			
	S	180.313	176.029	166.196	158.953	167.826	176.882	165.603	154.567	167.802	167.430			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/S ^S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO PO	to SF	SF to PI
152	Т	2.6748	4.1060	2.0547	2.6002	2.2390	2.1549	2.5961	2.1462	2.7759	19.2418	3		
153	S	177.159	173.693	165.751	160.084	169.617	176.553	162.044	156.778	168.987	167.261			
154	T	2.6360	4.0596	2.0506	2.6374	2.2503	2.2030	2.6763	2.1655	2.7820	19.4011			
154	S	179.766	175.678	166.082	157.826	168.765	172.698	157.188	155.381	168.616	165.888	3		
155	T	2.6289	4.0559	2.0579	2.6221	2.2361	2.1242	2.6492	2.1775	2.8040	19.2999			
155	S	180.252	175.838	165.493	158.747	169.837	179.105	158.796	154.525	167.293	166.757	7		
156	T	2.6628	4.0936	2.0588	2.6662	2.2956	2.1524	2.5223	2.1995	2.8425	19.4001			
130	S	177.957	174.219	165.421	156.121	165.435	176.758	166.785	152.979	165.028	165.896	5		
157	T	2.6999	4.1823	2.1264	2.6976	2.3092	2.1890	2.6244	2.2307	2.8528	19.7300			
157	S	175.512	170.524	160.162	154.304	164.461	173.803	160.296	150.839	164.432	163.122			
158	Т	2.6829	4.1225	2.0743	2.6921	2.2819	2.1639	2.6333	2.1865	2.7816	19.4965			
130	S	176.624	172.997	164.185	154.619	166.428	175.819	159.755	153.889	168.641	165.076	5		
150	T	2.6394	4.0780	2.0776	2.6827	2.2884	2.1713	2.5988	2.2225	2.8473	19.5280			
159	S	179.535	174.885	163.924	155.161	165.956	175.220	161.875	151.396	164.749	164.810			
160	T	2.6533	4.0949	2.0860	2.7349	2.3177	2.1840	2.6115	2.2218	2.8453	19.6545			
100	S	178.594	174.163	163.264	152.199	163.858	174.201	161.088	151.444	164.865	163.749			
161	T	2.6491	4.0675	2.0504	2.6722	2.2830	2.1970	2.6201	2.1925	2.8354	19.4997	'		
101	S	178.877	175.337	166.098	155.771	166.348	173.170	160.559	153.467	165.441	165.049			
162	T	2.6863	4.1375	2.0876	2.7090	2.2838	2.1595	2.5716	2.1860	2.8338	19.5176	5		
102	S	176.400	172.370	163.139	153.654	166.290	176.177	163.588	153.924	165.534	164.897	7		
163	T	2.6955	4.1528	2.0962	2.6953	2.2805	2.1515	2.5613	2.1869	2.8271	19.4943	3		
103	S	175.798	171.735	162.469	154.435	166.530		164.245	153.860	165.927	165.094	ł –		
164	ഥ	2.6914	4.1656	2.1263	2.7221	2.2920	2.1548	2.6435	2.1935	2.8407	19.6643	3		
104	S	176.066	171.207	160.169	152.915	165.695	176.561	159.138	153.397	165.132	163.667	'		
165	LT	2.7291	4.2224	2.1432	2.7362	2.3137	2.1937	2.6635	2.2383	2.8296	19.8473	3		
103	S	173.634	168.904	158.906	152.127	164.141	173.431	157.943	150.327	165.780	162.158	3		
166	LT	2.7011	4.1674	2.1145	2.7282	2.3022	2.1898	2.6454	2.2735	2.8732	19.8279			
100	S	175.434	171.134	161.063	152.573		173.739	159.024	148.000	163.264	162.317			
167	LT	2.7345	4.2274	2.1525	2.7528	2.3096			2.2530	2.8583	19.8652	2		
107	S	173.291	168.705	158.220	151.210	164.432	175.163		149.346	164.115	162.012	2		
168	T	2.7180	4.2056	2.1472	2.7909	2.3527	2.2032	2.6482	2.2498	2.8677	19.9777			
100	S	174.343	169.579	158.610	149.145	161.420		158.856	149.559	163.577	161.100			
169	LT	2.7200	4.2000	2.1399	2.7714	2.3354	2.1958	2.6126	2.2539	2.8748	19.9038	3		
109	S	174.215	169.805	159.151	150.195	162.616	173.265	161.020	149.287	163.173	161.698	3		
170	LT	2.7039	4.1710	2.1220	2.7855	2.3452	2.1940	2.6234	2.2293	2.8375	19.8408	3		
1,0	S	175.252	170.986	160.494	149.435	161.936	-	160.357	150.934	165.318	162.211			
171	工	2.6853	4.1394	2.1009	2.7478					2.8461	19.7481			
	S	176.466	172.291	162.106	151.485	163.322	173.367	161.181	150.334	164.819	162.973	3		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6794	4.1291	2.0944	2.7141	2.2875	2.1654	2.5845	2.1885	2.8101	19.5239			
1/2	S	176.854	172.721	162.609	153.366	166.021	175.697	162.771	153.748	166.930	164.844			
173	Т	2.6712	4.1106	2.0789	2.7342	2.3061	2.1699	2.5980	2.2114	2.8264	19.5961			
1/3	S	177.397	173.498	163.821	152.238	164.682	175.333	161.925	152.156	165.968	164.237			
174	Т	2.7063	4.1777	2.1164	2.7200	2.2926	2.1806	2.6053	2.2156	2.8242	19.6610			
1/4	S	175.096	170.712	160.919	153.033	165.652	174.472	161.472	151.867	166.097	163.695			
175	Т	2.6762	4.1062	2.0690	2.7375	2.3113	2.1754	2.6027	2.2584	2.8701	19.7006			
1/5	S	177.066	173.684	164.605	152.055	164.311	174.889	161.633	148.989	163.441	163.366			
176	Т	2.7076	4.1692	2.1127	2.7273	2.2994	2.1844	2.6716	2.2909	2.8686	19.8625			
170	S	175.012	171.060	161.200	152.623	165.162	174.169	157.464	146.876	163.526	162.034			
177	Т	2.6645	4.0835	2.0553	2.6773	2.2734	2.2302	2.6840	2.2310	2.8246	19.6403			
1//	S	177.843	174.650	165.702	155.474	167.051	170.592	156.737	150.819	166.073	163.867			
178	T	2.7684	4.2811	2.1709	2.7666	2.3253	2.2008	2.7001	2.2909	2.8987	20.1217			
170	S	171.169	166.588	156.879	150.455	163.322	172.871	155.802	146.876	161.828	159.947			
179	工	2.7434		2.2061	2.8187	2.3506	2.1940	2.6858	2.3154	2.8739	20.1879			
1/3	S	172.729	166.865	154.376	147.674	161.564	173.407	156.632	145.321	163.225	159.422			
180	T	2.7668					2.1944		2.2931	2.8741	20.1440			
100	S	171.268	166.088		148.486				146.735	163.213	159.770			
181	I	2.7864	+		2.8027		2.2219	•	2.2995		20.2485			
	S	170.063			148.518				146.326		158.945			
182	I	2.7492	-		-	-	2.2055		2.2729		20.0069			
102	S	172.364		158.951	150.706		172.503		148.039	163.606	160.865			
183	T	2.7633							2.3181	2.8845	20.5074			
	S	171.485	+		145.603	·	169.709		145.152		156.938			
184	Т	2.7275			2.7582			1	2.3210	1	20.0538		ļ	
	S	173.736			150.914		171.430		144.971	163.230	160.488			
185	T	2.7104							2.3060		20.5582			
	S	174.832			151.689			154.982	145.914		156.551			
186	Т	3.6169	•	·	3.7647	3.4064	3.5141	•	4.1006	5.4419	30.6855			
	S	131.014		118.183	110.567	111.488	108.265		82.056	86.200	104.883			
187	T	5.0115			3.5120	2.9224	3.1674		3.7294	5.3872	30.8713			
	S	94.555	98.283	108.230	118.522	129.952	120.116		90.223	87.075	104.252			
188	T	5.8257		3.8369	4.0161	3.9538	4.1325		4.6654	6.9273	37.9762			+
<u> </u>	S	81.340			103.645		92.064		72.122	67.716	84.748			+
189	T	6.5162			5.6895	4.9914	5.4871	5.9963	4.9752	6.3264	44.4040			+
	S	72.721	74.337	77.019	73.161	76.085	69.336		67.631	74.148	72.480			
190	T	7.3783							4.5074		41.4286			+
	S	64.224	64.621	69.266	79.070	85.448	87.114	71.908	74.650	99.813	77.685			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

Section Data for Car 26 - Veach, Zach

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	5.9849	9.2145	4.5795	5.7754	4.8709	4.9960	6.6281	4.7366	6.0507	43.6221			
191	S	79.177	77.398	74.368	72.073	77.968	76.152	63.469	71.038	77.527	73.779			
192	T	6.2199	9.4266	4.5443	5.8504	4.7754	4.2791	4.0029	3.3026	4.1556	37.1302			
192	S	76.185	75.656	74.944	71.149	79.527	88.910	105.094	101.883	112.882	86.679			
193	T	4.0265	6.1758	3.0881	4.0674	3.2203	3.0857	3.8036	3.1813	4.2490	28.7219			
193	S	117.686	115.480	110.284	102.338	117.931	123.296	110.601	105.767	110.400	112.054			
194	Т	4.1079	6.1236	2.8592	3.5404	2.9871	2.8045	3.4221	3.0913	4.2098	27.0223			
194	S	115.354	116.464	119.113	117.571	127.138	135.659	122.931	108.847	111.428	119.102			
195	T	5.6342	8.9052	4.5800	5.4755	4.7330	5.2029	5.5362	3.8325	4.9116	39.9059			
193	S	84.105	80.086	74.360	76.020	80.239	73.124	75.987	87.796	95.507	80.650			
196	T	6.0878	9.2856	4.5712	5.3930	5.0243	4.9611	5.2232			59.3370	34.8204		37.4621
190	S	77.838	76.805	74.503	77.183	75.587	76.688	80.541			54.239	28.598		75.831
197	Т						3.2724	3.6644	2.9081	3.4662	36.5703		23.6248	
19/	S						116.262	114.802	115.703	135.333	88.006		108.993	
198	T	4.3994	7.0688	3.8364	5.1496	5.3094	5.4778	5.6660	3.7767	4.9584	38.5737			
190	S	107.711	100.891	88.773	80.832	71.528	69.454	74.247	89.093	94.605	83.435			
199	Т	6.3144	8.8885	3.5106	3.8801	3.6002	3.2631	4.1681	2.6190	3.0015	30.3570			
199	S	75.045	80.236	97.011	107.278	105.487	116.593	100.929	128.475	156.285	106.018			
200	T	2.8271	4.5702	2.4968	3.0860	2.4571	2.3178	2.8829	2.2157	2.7826	21.0660			
200	S	167.615	156.050	136.402	134.883	154.561	164.145	145.923	151.860	168.580	152.777			
201	T	2.6283	4.0931	2.1123	2.6390	2.2309	2.1336	2.6550	2.1632	2.7449	19.3072			
201	S	180.293	174.240	161.231	157.730	170.233	178.316	158.449	155.546	170.895	166.694			
202	Т	2.5720			2.6029	2.2265	2.1187	2.5093	2.0754	2.7004	18.8989			
202	S	184.239	177.144	162.663	159.918	170.569	179.570	167.649	162.126	173.712	170.296			
203	Т	2.5372	3.9525	2.0453	2.5656	2.2130	2.1008	2.6271	2.1342	2.7567	18.9799			
203	S	186.766	180.438	166.513	162.243	171.610	181.100	160.132	157.660	170.164	169.569			
204	Т	2.6096			2.5865	2.2324	2.1121	2.5354			18.9731			
204	S	181.585			160.932			165.923	158.566		169.630			
205	7	2.6260						2.5194	2.1355		19.0486	•		
	S	180.451	176.793	168.190	159.519	169.883	178.508	166.977	157.564	169.555	168.957			
206	Т	2.6170			2.5978			2.5119			18.9734			
200	S	181.071	178.367	171.080	160.232		178.852	167.476			169.627			
207		2.6077	3.9889		2.5935				2.1669		19.0045	-		
207	S	181.717	178.792	171.037	160.497	169.519	179.782	168.078	155.280	168.386	169.349			
208	T	2.6143	3.9877	1.9809	2.5903	2.2319	2.1245	2.5613	2.2003	2.8028	19.1063			
200	S	181.258	178.845	171.926	160.696	170.157	179.080	164.245	152.923	167.365	168.447			
209	Т	2.6304	4.0251	2.0113	2.6011	2.2356	2.1188	2.5139	2.1639	2.7818	19.0568			
209	S	180.149	177.184	169.327	160.028	169.875	179.561	167.342	155.496	168.629	168.885			

TAG

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.6151	3.9954	1.9959	2.5877	2.2273	2.1617	2.6314	2.1638	2.7808	19.1637	1		
210	S	181.203	178.501	170.634	160.857	170.508	175.998	159.870	155.503	168.689	167.943			
244	Т	2.6112	4.1341	2.2405	2.8630	2.3200	2.1669	2.7456	2.2514	2.8410	20.0396			
211	S	181.474	172.512	152.005	145.389	163.695	175.575	153.220	149.452	165.115	160.602			
212	Т	2.6924	4.1347	2.0719	2.6383	2.2483	2.1538	2.5950	2.2113	2.8138	19.4248			
212	S	176.000	172.487	164.375	157.772	168.916	176.643	162.112	152.163	166.711	165.685			
213	T	2.6418	4.0456	2.0249	2.6153	2.2477	2.1583	2.6324	2.2128	2.8185	19.3517			
213	S	179.372	176.286	168.190	159.160	168.961	176.275	159.809	152.060	166.433	166.311			
214	T	2.6525	4.0832	2.0543	2.6275	2.2500	2.1374	2.5660	2.1898	2.7937	19.2712			
214	S	178.648	174.662	165.783	158.421	168.788	177.999	163.945	153.657	167.910	167.006			
215	T	2.6272	4.0354	2.0366	2.6659	2.2804	2.2207	2.6995	2.2357	2.8284	19.5944			
213	S	180.368	176.731	167.224	156.139	166.538	171.322	155.837	150.502	165.850	164.251			
216	T	2.7372	4.2173	2.1256	2.6620	2.2593	2.1730	2.6452	2.2438	2.8301	19.6762			
	S	173.120	169.109		156.367	168.093	175.083			165.751	163.568			
217	T	2.6566	4.0916	2.0692	2.6681	2.2698	2.1543	2.6382	2.2177	2.8239	19.4978			
21,	S	178.372	174.304	164.589	156.010	167.316	176.602	159.458	151.724	166.115	165.065			
218	T	2.6592	4.0948	2.0603	2.6618	2.2921	2.1961	2.7013	2.2797	2.8554	19.7059			
210	S	178.198	174.168	165.300	156.379	165.688	173.241	155.733	147.597	164.282	163.322			
219	ഥ	2.6911	4.1438	2.0914	2.6552	2.2545	2.1583	2.6306	2.2829	2.8648	19.6288			
	S	176.085	172.108	162.842	156.768	168.451	176.275	159.919	147.390	163.743	163.963			
220	ፗ	2.7040	4.1494				2.1845			2.8222	19.6231			
220	S	175.245	171.876		156.744	167.618		156.825	150.907	166.215	164.011			
221	ഥ	2.6442	4.0577	2.0416		2.2992	2.2521	2.8245	2.2584		19.8703			
	S	179.209	175.760		+	165.176			148.989	165.068	161.970			
222	ഥ	2.7097	4.1889		2.7044	2.2910			2.2616		19.8199			
	S	174.877	170.255	160.215		165.767	173.052	156.906	148.778	164.715	162.382			
223	I	2.6891	4.1464			2.2801	2.1654		2.2534		19.6270			
	S	176.216	172.000			166.560	175.697	161.261	149.320		163.978			
224	ፗ	2.7035	4.1585	+	2.6613	2.2600	2.1829	+	+	2.8187	19.6001			
	S	175.278	171.500			168.041	174.289		152.404	166.421	164.203			
225	L I	2.6647	4.1117	2.0845		2.2615				2.8495	19.6376			
	S	177.830	173.452	163.381	156.815	167.930	175.099		148.706	164.622	163.890		4	4
226	፲	2.7039	4.1694				2.1810			2.8423	19.6878			
	S	175.252	171.051	161.644		166.611	174.440	+	148.575	165.039	163.472			
227	ፗ	2.6836	4.1341	2.0845		2.2551	2.1677	2.6397	2.2678		19.6040		4	4
	S	176.578	172.512	163.381	157.682	168.406	175.511	159.367	148.372	163.686	164.171			
228	ፗ	2.6880	4.1440			2.2831	2.1863		2.2275		19.6504			
	S	176.289	172.100	162.106	154.298	166.341	174.018	160.431	151.056	164.900	163.783	3		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
220	Т	2.7044	4.1695	2.1052	2.6789	2.2720	2.1634	2.6296	2.2292	2.8123	19.5950			
229	S	175.220	171.047	161.775	155.381	167.153	175.860	159.979	150.941	166.800	164.246			
220	Т	2.6669	4.1261	2.1098	2.7060	2.2758	2.1622	2.6352	2.2435	2.8376	19.6370			
230	S	177.683	172.846	161.422	153.825	166.874	175.957	159.639	149.979	165.313	163.895			
224	Т	2.6795	4.1303	2.0943	2.7121	2.2996	2.1787	2.6551	2.2409	2.8393	19.6995			
231	S	176.848	172.671	162.617	153.479	165.147	174.625	158.443	150.153	165.214	163.375			
232	Т	2.6842	4.1368	2.0993	2.6906	2.2799	2.1817	2.6543	2.2483	2.8385	19.6768			
232	S	176.538	172.399	162.229	154.705	166.574	174.384	158.491	149.659	165.260	163.563			
233	Т	2.7099	4.2102	2.1609	2.7263	2.2982	2.1940	2.6691	2.2461	2.8422	19.8467			
233	S	174.864	169.394	157.605	152.679	165.248	173.407	157.612	149.805	165.045	162.163			
234	Т	2.6821	4.1440	2.1107	2.7009	2.2874	2.2167	2.7301	2.2946	2.8895	19.9120			
234	S	176.676	172.100	161.353	154.115	166.028	171.631	154.090	146.639	162.343	161.631			
235	Т	2.7204	4.2080	2.1330	2.7309	2.3210	2.2002	2.6916	2.2496	2.8471	19.8938			
235	S	174.189	169.482	159.666	152.422	163.625	172.918	156.294	149.572	164.761	161.779			
236	Т	2.7239	4.2112	2.1282	2.6989	2.2896	2.1918	2.6777	2.2335	2.8267	19.7703			
230	S	173.965	169.354	160.026	154.230	165.869	173.581	157.106	150.650	165.950	162.790			
237	Т	2.6520	4.0923	2.0758	2.6971	2.3014	2.2522	2.7439	2.2713	2.8878	19.8815			
237	S	178.682	174.274	164.066	154.332	165.018	168.926	153.315	148.143	162.439	161.879			
238	Т	2.6642	4.0761	2.0491	2.7176	2.3016	2.2988	2.7507	2.2583	2.8674	19.9077			
236	S	177.863	174.967	166.204	153.168	165.004	165.501	152.936	148.996	163.595	161.666			
239	Т	2.7641	4.2808	2.1731	2.7187	2.3010	2.2373	2.7001	2.2757	2.8717	20.0417			
239	S	171.435	166.600	156.720	153.106	165.047	170.051	155.802	147.857	163.350	160.585			
240	Т	2.7617	4.2610	2.1462	2.7319	2.3152	2.2627	2.7563	2.2931	2.9083	20.1754			
240	S	171.584	167.374	158.684	152.366	164.035	168.142	152.626	146.735	161.294	159.521			
241	Т	2.7433	4.2459	2.1565	2.7280	2.3110	2.2463	2.7291	2.2872	2.8724	20.0738			
241	S	172.735	167.970	157.926	152.584	164.333	169.369	154.147	147.113	163.310	160.328			
242	Т	2.7118	4.1941	2.1306	2.7576	2.3391	2.2693	2.7837	2.3167	2.8642	20.1730			
242	S	174.741	170.044	159.846	150.946	162.358	167.653	151.123	145.240	163.777	159.540			
243	Т	2.6911	4.1544	2.1023	2.7058	2.3241	2.2514	2.7543	2.2596	2.8510	19.9396			
243	S	176.085	171.669	161.998	153.836	163.406	168.986	152.736	148.910	164.536	161.407			
244	Т	2.7134	4.2327	2.1807	2.7651	2.3497	2.2448			2.8675	20.1394			
477	S	174.638	168.493	156.174	150.537	161.626	169.483	153.865		163.589	159.806			
245	Т	2.7195	4.2244		2.7787	2.3282	2.2294	2.7224	2.2994	2.8820	20.1253			
243	S	174.247	168.824	157.255	149.800	163.119	170.653	154.526		162.766	159.918			
246	Т	2.7313	4.2465	2.1774	2.7604	2.3184	2.2258	2.7348	2.2523	2.8262	20.0266			
240	S	173.494	167.946	156.410	150.793	163.808	170.929	153.825	149.393	165.979	160.706			
247	Т	2.6905	4.1732	2.1440	2.8036	2.3304	2.3106	2.7865	2.2449	2.8310	20.1415			
247	S	176.125	170.896	158.847	148.470	162.965	164.656	150.971	149.885	165.698	159.789			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.7161	4.1976	2.1425	2.7768	2.3285	2.2002	2.7625	2.3972	2.9265	20.2503			
248	S	174.465	169.902	158.958	149.903	163.098	172.918	152.283	140.363	160.291	158.931			
249	T	2.7247	4.2485	2.2150	2.8961	2.4066	2.3563	2.9378	2.3256	2.8890	20.7511			
249	S	173.914	167.867	153.755	143.728	157.805	161.463	143.196	144.684	162.371	155.095			
250	T	2.7544	4.2800	2.1883	2.8130	2.3896	2.2446	2.6875	2.2812	2.8888	20.2474			
250	S	172.039	166.631	155.631	147.974	158.927	169.498	156.533	147.500	162.383	158.954			
254	T	2.7304	4.2667	2.2095	2.8256	2.3731	2.2149	2.6511	2.2677	2.8759	20.1482			
251	S	173.551	167.151	154.138	147.314	160.032	171.771	158.682	148.378	163.111	159.736			
252	T	2.8726	4.5216	2.3443	2.8706	2.3902	2.2379	2.6759	2.2713	2.8772	20.5400			
252	S	164.960	157.728	145.275	145.005	158.887	170.005	157.211	148.143	163.037	156.689			
253	Т	2.7983	4.3414	2.2211	2.8599	2.5289	3.1988	4.9316			42.6798	30.7155		24.7220
253	S	169.340	164.275	153.333	145.547	150.173	118.937	85.303			75.408	32.420		114.910
254	Т						2.4712	2.7448	2.2427	2.8317	31.6998		18.9421	
254	S						153.955	153.265	150.032	165.657	101.527		135.938	
255	T	2.6433	4.0542	2.0430	2.6621	2.2623	2.1313	2.5917	2.1234	2.7278	19.1849			
255	S	179.270	175.912	166.700	156.362	167.870	178.508	162.319	158.462	171.967	167.757			
256	T	2.6146	4.0403	2.0413	2.6376	2.2448	2.1386	2.7707	2.2961	2.8440	19.5877			
250	S	181.238	176.517	166.839	157.814	169.179	177.899	151.832	146.543	164.941	164.307			
257	T	2.6006	4.0569	2.1286	2.6345	2.2398	2.1204	2.4341	2.1246	2.7644	19.0470			
257	S	182.213	175.795	159.996	158.000	169.557	179.426	172.828	158.372	169.690	168.971			
258	T	2.6222	4.0182	2.0157	2.6187	2.2422	2.1250	2.4945	2.1077	2.7571	18.9831			
256	S	180.712	177.488	168.958	158.953		179.037	168.644	159.642	170.139	169.540			
259	T	2.6031	3.9849	1.9952	2.5881	2.2314	2.1187	2.4702	2.1342	2.7609	18.9018			
239	S	182.038	178.971	170.694	160.832	170.195	179.570	170.303	157.660	169.905	170.269			
260	LT	2.6012	3.9903	2.0111	2.6335	2.2460	2.1550	2.5852	2.1308	2.7345	19.0973			
200	S	182.171	178.729	169.344	158.060	169.088	176.545	162.727	157.911	171.545	168.526			
261	T	2.5992	4.0261	2.0641	2.6607	2.2522	2.1523	2.5639	2.2698	2.8288	19.3910			
	S	182.311	177.140		156.444		176.767	164.079	148.241	165.827	165.974			
262	LT	2.6689	4.1217	2.0941	2.7235		2.1578	2.5371	2.2472	2.8378	19.5676			
202	S	177.550	173.031	162.632	152.836		176.316	165.812	149.732	165.301	164.476			
263	T	2.6865	4.1567	2.1230	3.0494		3.4152	3.9418	3.3825	4.2948	26.1866			
203	S	176.387	171.574	160.418	136.502	115.313	111.400	106.723	99.476	109.223	122.903			
264	T	4.1001	6.2757	3.1102	3.8953	5.0894	4.1847	4.0206	3.1300	4.1248	31.6551			
204	S	115.574	113.642	109.500	106.860	74.620	90.916	104.632	107.501	113.725	101.671			
265	T	4.0383	6.2494	3.2409	4.9171	6.7122	3.9475	3.6307	2.9473	4.1020	33.5360			
203	S	117.342	114.120	105.084	84.654	56.579	96.379	115.868	114.165	114.357	95.969			
266	Т	4.6024	6.9358	3.2659	4.2737	6.4294	4.2684	4.3028	3.7843	6.8112	37.7381			
200	S	102.960	102.826	104.280	97.398	59.068	89.133	97.769	88.914	68.871	85.283			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 26 - Veach, Zach

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	7.7492	10.6630	4.0504	5.8152	7.8672	5.2232	5.4953	4.3221	6.6179	47.1405			
267	S	61.150	66.884	84.083	71.580	48.273	72.839	76.553	77.850	70.882	68.273			
260	Т	7.3590	10.2704	4.1377	6.4154	8.3760	5.9837	6.6915	4.3656	5.8551	49.1840			
268	S	64.392	69.441	82.309	64.883	45.341	63.582	62.868	77.075	80.117	65.436			
269	Т	7.4681	11.1425	5.0015	5.1157	6.3063	5.0854	5.0494			57.7163	30.7131		39.7854
209	S	63.452	64.006	68.093	81.367	60.221	74.813	83.313			55.762	32.422		71.403
270	Т						2.7773	3.6612	3.7517	7.0920	39.2723		26.4901	
270	S						136.987	114.903	89.687	66.144	81.951		97.204	
271	Т	8.5792	11.2573	3.8733	5.9824	5.9543	5.3281	5.6464	4.7501	7.8094	47.9232			
2/1	S	55.234	63.353	87.927	69.579	63.781	71.405	74.504	70.836	60.067	67.157			
272	Т	7.7027	10.7086	4.1782	5.4146	5.7775	5.4081	5.5632	4.2803	7.6220	45.9466			
2/2	S	61.519	66.599	81.511	76.875	65.733	70.349	75.619	78.611	61.544	70.047			
273	T	7.2246	9.7967	3.7813	5.3307	5.0653	6.2016	4.3268	4.1702	5.9574	42.0579			
2/3	S	65.590	72.798	90.066	78.085	74.975	61.348	97.227	80.686	78.741	76.523			
274	Т	5.9794	8.5982	3.6666	4.6812	4.6881	3.6274	4.3858	2.7261	3.0060	32.7606			
2/4	S	79.249	82.945	92.884	88.920	81.008	104.884	95.919	123.428	156.052	98.240			
275	T	2.8501	4.5613	2.4581	3.0020	2.3764	2.3397	3.1564	2.5202	2.9626	21.6655			
2/3	S	166.262	156.355	138.549	138.658	159.810	162.608	133.279	133.512	158.338	148.550			
276	T	2.8257	4.4676	2.3618	2.8681	2.3486	2.2389	2.7605	2.1873	2.8001	20.3910			
270	S	167.698	159.634	144.199	145.131	161.702	169.929	152.393	153.832	167.526	157.834			
277	Т	2.6339	4.0960	2.1114	2.6338	2.2460	2.2064	2.7225	2.1590	2.7788	19.4918			
2//	S	179.910	174.117	161.300	158.042	169.088	172.432	154.520	155.849	168.811	165.116			
278	ഥ	2.6208	4.1116	2.1474		2.2749	2.1506	2.5105	2.0826		19.1872			
276	S	180.809	173.456	158.596	155.219	166.940	176.906	167.569	161.566	172.542	167.737			
279	T	2.5745	3.9541	1.9908	2.5857	2.2264	2.1239	2.5299	2.1206	2.7574	18.9092			
2/3	S	184.060	180.365	171.071	160.982	170.577	179.130	166.284	158.671	170.121	170.203			
280	T	2.6266	4.0315	2.0222	2.5901	2.2153	2.1245		2.1397	2.7622	19.0577			
200	S	180.410	176.902	168.415	160.708	171.432	179.080	163.238	157.254	169.825	168.877			
281	ഥ	2.6467	4.0863	2.0682	2.6440	2.2474	2.1374	2.5371	2.1461	2.7677	19.1946			
	S	179.039	174.530			168.983	177.999	165.812	156.785	169.488	167.672			
282	工	2.6459	4.0748			2.2586	2.1458		2.1800		19.4171			
202	S	179.094	175.023	164.772	155.689	168.145	177.302	158.080	154.347	168.429	165.751			
283	ፗ	2.5956	3.9970	2.0338		2.2770	2.1687	2.5729	2.1609	2.7627	19.2897			
203	S	182.564	178.429		153.140	166.786	175.430	163.505	155.712	169.794	166.846		ļ	
284	ഥ	2.6097	4.0255			2.2312	2.1574	2.6861	2.1834		19.2956			
207	S	181.578	177.166		160.398	170.210	176.349	156.614	154.107	168.199	166.795			
285	T	2.6393	4.0606	2.0554	2.7209	2.2940	2.1611	2.5654	2.1849	2.7997	19.4207			
203	S	179.541	175.635	165.694	152.982	165.550	176.047	163.983	154.001	167.550	165.720			

Track: Iowa Speedway 0.894 mile(s)

Report: Section Data Report

Session: Race

NTT IndyCar Series

July 20, 2019

IndyCar Series
July 20, 2019

Section Data for Car 26 - Veach, Zach

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6775	4.1260	2.0839	2.7095	2.2981	2.1765	2.6194	2.2081	2.8214	19.5944			
200	S	176.980	172.851	163.428	153.626	165.255	174.801	160.602	152.383	166.262	164.251			
287	Т	2.6904	4.1638	2.1238	2.7185	2.2903	2.1754	2.5977	2.2164	2.8400	19.6525			
207	S	176.131	171.281	160.358	153.118	165.818	174.889	161.944	151.813	165.173	163.765			
288	Т	2.6645	4.1221	2.0962	2.6911	2.2853	2.1735	2.6389	2.1993	2.8109	19.5597			
200	S	177.843	173.014	162.469	154.677	166.181	175.042	159.416	152.993	166.883	164.542			
289	Т	2.6686	4.1197	2.0978	2.7074	2.2986	2.1777	2.6105	2.2154	2.8218	19.5978			
209	S	177.570	173.115	162.345	153.745	165.219	174.705	161.150	151.881	166.238	164.223			
290	Т	2.7308	4.2242	2.1478	2.7596	2.3442	2.2538	2.7154	2.2368	2.8212	20.0096			
290	S	173.526	168.832	158.566	150.837	162.005	168.806	154.924	150.428	166.274	160.843			
291	Т	2.6641	4.0998	2.0758	2.6684	2.2680	2.1555	2.6233	2.2002	2.8043	19.4596			
291	S	177.870	173.955	164.066	155.992	167.448	176.504	160.364	152.930	167.276	165.389			
292	Т	2.6636	4.1004	2.0738	2.7197	2.2996	2.1862	2.6471	2.2225	2.8356	19.6481			
292	S	177.903	173.930	164.224	153.050	165.147	174.025	158.922	151.396	165.429	163.802			
293	Т	2.6856	4.1435	2.1024	2.7058	2.2907	2.1762	2.6088	2.2437	2.8522	19.6654			
293	S	176.446	172.121	161.990	153.836	165.789	174.825	161.255	149.965	164.466	163.658			
294	Т	2.7174	4.1959	2.1279	2.6960	2.2830	2.1688	2.5911	2.2137	2.8473	19.6452			
237	S	174.381	169.971	160.049	154.395	166.348	175.422	162.356		164.749	163.826			
295	I	2.6873	4.1417	2.1058	2.7452	2.3183	2.1966	2.6075	2.2650		19.7902			
	S	176.334	172.195	161.729	151.628	163.815	173.202	161.335	148.555	163.760	162.626			
296	Т	2.6938	4.1559	2.1065			2.1704	2.5937	2.2536		19.6658			
250	S	175.909		161.675	153.950	166.093	175.292	162.194		164.161	163.655	_		
297	I	2.7007								2.8431	19.7623			
	S	175.460					173.739	160.535	150.542	164.993	162.856			
298	ᄑ	2.7046							2.2407	2.8460	19.7986			
	S	175.207	-			163.935	172.824		150.166		162.557			
299	Т	2.7030					2.2023	2.5886			19.7901			
	S	175.310				162.965	172.753	162.513	151.049		162.627			
300	I	2.7117					2.2035				19.9718			
	S	174.748	-	158.551	151.045		172.659			162.473	161.147			
301	I	3.0996												
	S	152.879	143.509	123.965	94.198	73.830	64.565	55.986						

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 27 - Rossi, Alexander

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
4	Т	7.0669	10.3348	4.5635	5.8804	5.0683	5.1359	5.8448	4.1183	4.1211	41.7992		34.6912	2
1	S	67.054	69.008	74.629	70.786	74.931	74.077	71.975	81.703	113.827	76.997		74.22	5
2	Т	4.8374	7.3790	3.6197	4.7996	4.6034	4.1087	4.1389	3.1255	3.1784	32.4116			
2	S	97.958	96.650	94.087	86.726	82.498	92.597	101.641	107.656	147.587	99.298			
3	Т	2.8901	4.5705	2.4013	2.7766	2.2626	2.1530	2.5976	2.1692	2.7513	20.0017			
3	S	163.961	156.040	141.827	149.914	167.848	176.709	161.950	155.116	170.498	160.906			
4	Т	2.6373	4.1636	2.2032	2.7181	2.2650	2.1631	2.5656	2.0754	2.7099	19.3376			
*	S	179.678	171.290	154.579	153.140	167.670	175.884	163.970	162.126	173.103	166.432			
5	Т	2.6021	4.0158	2.0371	2.6128	2.2414	2.1349	2.5210	2.1116	2.7322	18.9931			
	S	182.108	177.594	167.183	159.312	169.435	178.207	166.871	159.347	171.690	169.451			
6	Т	2.6314	4.0887	2.0836		2.2395	2.1338	2.5276	2.1082		19.0501			
	S	180.080	174.428	163.452		169.579					168.944			
7	T	2.6018	4.0327	2.0561	+						18.9776			
	S	182.129	176.850	165.638		170.027	179.680	+		171.721	169.589			
8	T	2.6284	4.0909	2.0906				2.4954	2.2107	2.8060	19.1932			
	S	180.286	174.334	162.905					152.204		167.684			
9	Т	2.6249	4.0530				2.1323				19.1034			
	S	180.526	175.964	165.937	+	169.943			157.756		168.473			
10	T	2.6138	4.0627	2.1006						•	19.2034			ļ
	S	181.293	175.544	162.129	+					168.713	167.595			ļ
11	T	2.6006	4.0241	2.0649					2.1921	2.7628	19.1936			
	S	182.213	177.228	164.932			179.164		153.495	169.788	167.681			
12	Т	2.5933	4.0018								19.1817			
	S	182.726	178.215				177.129				167.785			ļ
13	T	2.6179	4.0220					2.5435	•	2.7583	19.0758			ļ
	S	181.009	177.320	167.867						170.065	168.716			1
14	፲	2.6049	4.0132	2.0312		-	-				19.0853		+	1
	S	181.912	177.709	167.668							168.632		+	1
15	T	2.6078	4.0146		•	2.2577	2.1315	•			19.1380			
	S	181.710	177.647	166.872			178.491	165.142	156.851	169.665	168.168			
16	I	2.6021	4.0234	2.0585				3.2378	3.0767	4.2310	22.4519			
-	S	182.108	177.258	165.445				129.928	109.363	110.870	143.346			
17	T	4.6106	7.0835	3.4928		3.4790	3.5028	3.9042	3.0421	4.3656	30.4148		+	1
	S	102.777	100.682	97.506			108.614		110.607	107.452	105.817			
18	T	5.4534	8.8026	4.7915		4.4004	4.5405	5.4887	4.4419	6.3485	40.7180		+	
	S	86.893	81.019	71.078			83.791	76.645	75.751	73.890	79.041			1
19	T	6.2972	9.6026	4.6152			4.3996				40.6364			1
	S	75.250	74.270	73.793	78.206	88.589	86.475	73.256	79.647	81.612	79.200			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: **Session:** Race

July 20, 2019 INDYCAR



Section Data for Car 27 - Rossi, Alexander

Lap	T/S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.6855	10.1759	4.9013	5.6537	3.9577	4.1043	4.9599	3.8710	5.7810	39.9144			
20	S	70.879	70.085	69.485	73.624	95.958	92.697	84.817	86.923	81.144	80.633			
24	Т	5.6590	8.7530	4.3467	5.0056	4.1454	4.7955	5.7473	4.0403	5.5108	39.2506			
21	S	83.736	81.479	78.351	83.157	91.613	79.336	73.196	83.280	85.122	81.996			
22	Т	6.6173	9.7936	4.5070	4.9165	4.4611	4.4077	4.7927	3.9316	5.6819	39.3158			
	S	71.610	72.821	75.564	84.664	85.130	86.316	87.776	85.583	82.559	81.860			
23	Т	6.2047	9.2516	4.2933	5.2363	4.4066	4.9050	5.2276	4.4273	6.2635	40.9643			
	S	76.372	77.087	79.326	79.493	86.183	77.565	80.473	76.001	74.893	78.566			
24	Т	4.8399	7.4160	3.7760	5.1268	3.1235	3.3904		2.3902	2.8672	29.0693			
	S	97.908	96.168	90.193	81.191	121.586	112.215	118.325	140.774	163.606	110.715			
25	Т	2.7495	4.3060	2.2345	2.7543		2.1988	2.6424	2.1463	2.7511	19.7718			
25	S	172.345	165.625	152.414	151.127	165.486	173.028	159.204	156.771	170.510	162.777			
26	Т	2.6702	4.1633	2.1503	2.7170	2.2713	2.1621	2.6058	2.1667	2.7699	19.5133			
20	S	177.464	171.302	158.382	153.202		175.965	161.441	155.295	169.353	164.934			
27	T	2.6713	4.1566		2.6219	2.2360	2.1672	2.6115	2.1338	2.7440	19.3146			
	S	177.391	171.578	159.974	158.759	169.845	175.551	161.088	157.689	170.951	166.630			
28	T	2.6371	4.1005	2.1074	2.6159	2.2267	2.1719	2.6442	2.1491	2.7570	19.3093			
	S	179.691	173.926	161.606	159.123		175.171	159.096	156.567	170.145	166.676			
29	ഥ	2.6604	4.1341	2.1063	2.6293	2.2512	2.1669	2.5913	2.1206	2.7361	19.2621			
	S	178.117	172.512	161.690	158.312		175.575	162.344	158.671	171.445	167.085			
30	I	2.6448	4.1130	2.1052	2.6364			2.5880		2.7863	19.3098			
	S	179.168	173.397	161.775	157.886			162.551	156.764	168.356	166.672			
31	LT	2.6775	4.1629	2.1272	2.6765					2.8129	19.6047			
<u> </u>	S	176.980	171.319	160.102	155.520		175.171	159.355	150.866	166.764	164.165			
32	ഥ	2.6484	4.1077	2.1036		2.2739		2.6112	2.1650	2.7815	19.4302			
	S	178.924	173.621	161.898	154.815			161.107	155.417	168.647	165.639			
33	ፗ	2.6239	4.0608	2.0728			2.1576			2.8331	19.4747			
	S	180.595	175.626	164.303	155.468		176.332	161.813	150.617	165.575	165.261			
34	ㅁ	2.6625	4.1169	2.0998	2.6668			2.6170		2.7889	19.4431			
	S	177.977	173.233	162.191	156.086		176.120		154.199	168.199	165.529			
35	፲	2.6262	4.0659	2.0808	2.7357	2.3040	2.1798	-		2.7948	19.5403			
	S	180.437	175.406	163.672	152.155		174.536		152.937	167.844	164.706			
36	ᄑ	2.6611	4.1353	2.1213	2.7392						19.7068			
<u> </u>	S	178.071	172.462	160.547	151.960		173.304		151.867	167.085	163.314			
37	ᄑ	2.6467	4.1023	2.1035	2.7367					2.8238	19.7584			
	S	179.039	173.849	161.905	152.099			155.693	150.583	166.120	162.888			
38	፲	2.6507	4.1171	2.1246				2.6712			19.6430			
	S	178.769	173.224	160.298	153.802	166.385	174.337	157.488	151.703	167.097	163.845			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 27 - Rossi, Alexander

Race

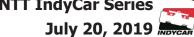
Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	2.6423	4.0945	2.0998	2.6926	2.2824	2.1819	2.6510	2.2640	2.8307	19.6447			
39	S	179.338	174.180	162.191	154.590	166.392	174.368	158.688	148.621	165.716	163.830			
40	Т	2.6501	4.1029	2.1004	2.7384	2.2992	2.1789	2.6567	2.2663	2.8698	19.7598			
40	S	178.810	173.824	162.144	152.005	165.176	174.609	158.348	148.470	163.458	162.876			
41	Т	2.6762	4.1468	2.1227	2.7456	2.3124	2.2020	2.7113	2.2475	2.8241	19.8418			
41	S	177.066	171.984	160.441	151.606	164.233	172.777	155.159	149.712	166.103	162.203			
42	Т	2.6633	4.1405	2.1375	2.7588	2.3136	2.2535	2.7446	2.2615	2.8767	20.0095			
42	S	177.923	172.245	159.330	150.881	164.148	168.828	153.276	148.785	163.066	160.844			
43	Т	2.6984	4.1863	2.1543	2.7974	2.3308	2.2363	2.7288	2.2575	2.8501	20.0536			
43	S	175.609	170.361	158.088	148.799	162.937	170.127	154.164	149.049	164.588	160.490			
44	Т	2.7616	4.2847	2.1982	2.7910	2.3247	2.2283	2.7302	2.2797	2.8506	20.1643			
44	S	171.590	166.448	154.930	149.140	163.364	170.738	154.085	147.597	164.559	159.609			
45	Т	2.7181	4.2320	2.1749	2.7947	2.3434	2.2568	2.7666	2.3065	2.8608	20.2218			
45	S	174.336	168.521	156.590	148.943	162.061	168.581	152.057	145.882	163.972	159.155			
46	Т	2.7412	4.2633	2.1930	2.7958	2.3302	2.2451	2.7683	2.3561	2.9412	20.3709			
40	S	172.867	167.284	155.298	148.884	162.979	169.460	151.964	142.811	159.490	157.990			
47	Т	2.7247	4.2265	2.1712			2.2507	2.7730	2.3368	2.8983	20.3302			
,	S	173.914	168.741	156.857	147.455	161.427	169.038	151.706	143.991	161.850	158.306			
48	T	2.7393	4.2603	2.1969	2.8301		2.2822			2.8930	20.4165			
40	S	172.987	167.402	155.022	147.080	161.922	166.705	149.560	145.234	162.147	157.637			
49	T	2.7041	4.1971	2.1749			-			2.9130	20.3151			
	S	175.239	169.923	156.590	146.686		168.881	-		161.034	158.424			
50	T	2.7356	4.2486		2.7961	2.3309				2.8493	20.1681			
	S	173.221	167.863	155.995	148.868			•		164.634	159.579			
51	T	2.6872	4.1759		2.9497	2.5542	2.8834			3.9931	24.0284			
	S	176.341	170.785		141.116		131.947	114.702		117.475	133.942			
52	T	4.2253	6.6051	3.3642	4.1405		4.5425			5.2774	33.5723			
	S	112.149	107.974	101.233	100.531	100.958	83.754			88.887	95.865			
53	Т	5.4372	8.1054	3.7784	5.1432	5.4719	5.1698	•		5.6444	41.2964			
	S	87.152	87.988	90.136	80.932	69.404	73.592	68.599		83.107	77.934			
54	I	6.3953	9.8432	4.7879	5.5871	4.8050	4.7930	5.9467		6.5393	43.7058			
	S	74.096	72.454	71.131	74.502	79.037	79.377	70.742		71.734	73.638			11 - 100
55	I	6.7804	10.1420	4.7970	5.7659		6.2905				57.7469	1647.6476		44.7429
	S	69.887	70.320	70.996	72.192	76.101	60.481	57.462		F 0724	55.733	0.604	24 2624	63.492
56	T					-	4.5239	5.3027		5.9391	1665.8520		31.2084	
	S	E 04 E 0	0.5456	2.7004	4.0460	4.5055	84.099			78.984	1.932		82.508	
57	T	5.9156	8.5176		4.9463		4.7419			5.4589	38.6960			
	S	80.104	83.730	89.637	84.154	83.881	80.233	79.371	83.989	85.931	83.171			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Section Data for Car 27 - Rossi, Alexander

Race

Report:

Session:

Lap	T/S!	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	5.9452	8.6619	3.8388	5.1321	4.1258	4.6613	5.1747			42.5063	31.4668		34.9188
58	S	79.705	82.335	88.717	81.107	92.048	81.620	81.296			75.716	31.646		81.354
	Т						3.8308	3.8211	2.8100	3.8223	47.9814		24.1021	
59	S						99.315	110.094	119.743	122.725	67.076		106.835	5
-	Т	3.8981	5.8061	2.7010	3.2334	2.8492	3.6690	4.5555	4.0194	6.4979	31.4235			
60	S	121.563	122.833	126.090	128.734	133.291	103.694	92.346	83.713	72.191	102.420			
<u> </u>	Т	5.9736	8.8530	4.0518	4.8870	5.3809	5.5820	4.4414	3.4933	6.0973	39.9073			
61	S	79.326	80.558	84.054	85.175	70.578	68.157	94.718	96.321	76.934	80.647			
-	Т	5.7485	8.4369	3.6684	4.3231	4.2254	4.7267	4.6042	3.7486	5.4926	36.5375			
62	S	82.433	84.531	92.838	96.285	89.879	80.491	91.369	89.761	85.404	88.085			
62	Т	5.4446	7.9148	3.7211	5.9487	5.3949	5.4578	5.0912	4.1523	5.9880	41.1986			
63	S	87.034	90.107	91.524	69.973	70.395	69.708	82.629	81.034	78.338	78.119			
64	Т	5.9883	9.1768	4.4805	5.1712	5.0706	5.2317	5.6777	3.3819	5.3209	40.3228			
64	S	79.132	77.716	76.011	80.494	74.897	72.721	74.094	99.494	88.160	79.816			
<u></u>	Т	5.1427	8.2225	4.3543	5.0122	4.5374	4.6833	5.2729	3.2328	3.1801	35.4157			
65	S	92.143	86.735	78.214	83.047	83.698	81.236	79.782	104.082	147.508	90.875			
-	Т	2.8393	4.4497	2.3142	2.8412	2.3236	2.1886	2.5952	2.1036	2.7267	19.9324			
66	S	166.895	160.276	147.165	146.505	163.442	173.835	162.100	159.953	172.036	161.466			
67	Т	2.6141	4.0491	2.0690	2.5891	2.2193	2.1089	2.5158	2.1094	2.7438	18.9694			
67	S	181.272	176.133	164.605	160.770	171.123	180.404	167.216	159.513	170.964	169.663			
60	Т	2.6072	4.0364	2.0620	2.5823	2.2142	2.1236	2.5429	2.1169	2.7362	18.9853			
68	S	181.752	176.688	165.164	161.194	171.517	179.155	165.434	158.948	171.439	169.521			
60	Т	2.6838	4.1723	2.1382	2.6244	2.2395	2.1646	2.5787	2.0540	2.6821	19.1653			
69	S	176.564	170.933	159.278	158.608	169.579	175.762	163.137	163.816	174.897	167.928			
70	Т	2.5595	3.9755	2.0496	2.5813	2.2270	2.1326	2.5386	2.0815	2.7129	18.8830			
	S	185.139	179.394	166.163	161.256	170.531	178.399	165.714	161.651	172.911	170.439			
71	Т	2.5736	3.9683	2.0151	2.5846	2.2306	2.1258	2.5254	2.1029	2.7327	18.8907			
	S	184.125	179.720	169.008	161.050	170.256	178.970	166.580	160.006	171.658	170.370			
72	Т	2.5959	4.0003	2.0341	2.6403	2.2575	2.1424	2.5556	2.1112	2.7367	19.0737			
	S	182.543	178.282	167.429	157.653	168.227	177.583	164.612	159.377	171.408	168.735			
73	Т	2.6063	4.0121	2.0431	2.6254	2.2480	2.1303	2.5129	2.1400	2.7738	19.0798			
/3	S	181.815	177.758	166.692	158.547	168.938	178.592	167.409	157.232	169.115	168.681			
74	Т	2.6185	4.0304	2.0441	2.6532	2.2585	2.1577	2.6066	2.1866	2.7969	19.3221			
	S	180.968	176.951	166.610	156.886	168.153	176.324	161.391	153.881	167.718	166.566			
75	Т	2.6460	4.1026	2.0969	2.6268	2.2438	2.1332	2.5536	2.1356	2.7695	19.2054			
	S	179.087	173.837	162.415	158.463	169.254	178.349	164.741	157.556	169.377	167.578			
76	Т	2.6173	4.0565	2.0724	2.6103	2.2408	2.1330	2.5689	2.1551	2.7951	19.1929			
76	S	181.051	175.812	164.335	159.464	169.481	178.366	163.760	156.131	167.826	167.687			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 27 - Rossi, Alexander

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
77	Т	2.6155	4.0402	2.0624	2.6683	2.2765	2.1475	2.5594	2.2309	2.8467	19.4072			
77	S	181.175	176.521	165.132	155.998	166.823	177.162	164.367	150.826	164.784	165.835			
70	Т	2.6671	4.1209	2.0877	2.6517	2.2682	2.1599	2.6459	2.1940	2.7798	19.4543			
78	S	177.670	173.065	163.131	156.975	167.434	176.145	158.994	153.362	168.750	165.434			
79	Т	2.6185	4.0512	2.0698	2.6852	2.2876	2.1535	2.6144	2.2279	2.8245	19.4814			
/9	S	180.968	176.042	164.542	155.016	166.014	176.668	160.910	151.029	166.079	165.204			
80	Т	2.6363	4.0581	2.0590	2.6793	2.2810	2.1584	2.5745	2.1555	2.7837	19.3277			
80	S	179.746	175.743	165.405	155.358	166.494	176.267	163.403	156.102	168.513	166.517			
81	Т	2.6133	4.0283	2.0438	2.6473	2.2662	2.1569	2.6340	2.2755	2.8487	19.4857			
01	S	181.328	177.043	166.635	157.236	167.581	176.390	159.712	147.870	164.668	165.167			
82	Т	2.6455	4.0777	2.0738	2.6683	2.2733	2.1767	2.6653	2.2435	2.8047	19.5511			
02	S	179.121	174.898	164.224	155.998	167.058	174.785	157.837	149.979	167.252	164.615			
83	Т	2.6167	4.0399	2.0623	2.6741	2.2754	2.1795	2.6301	2.1923	2.8103	19.4407			
65	S	181.092	176.535	165.140	155.660	166.904	174.560	159.949	153.481	166.918	165.550			
84	Т	2.6767	4.1569	2.1372	2.7158	2.2876	2.1932	2.6444	2.2294	2.8670	19.7513			
04	S	177.033	171.566	159.353	153.270	166.014	173.470	159.084	150.927	163.617	162.946			
85	Т	2.6923	4.1599	2.1270			2.1864	2.6357	2.2045	2.8141	19.7080			
65	S	176.007	171.442	160.117	151.805		174.010	159.609	152.632	166.693	163.304			
86	T	2.6424	4.0876	2.0874	2.6945	2.2916	2.1723	2.6241	2.2002	2.8106	19.5231			
- 80	S	179.331	174.474	163.154	154.481	165.724	175.139	160.315	152.930	166.901	164.851			
87	Т	2.6543	4.1149		2.7000			2.6553	2.1975	2.8122	19.6069			
67	S	178.527	173.317	161.568	154.167	165.709	173.890	158.431	153.118	166.806	164.146			
88	T	2.6461	4.1010	2.1054	2.7128	2.2856	2.1906	2.6588	2.1819	2.7956	19.5768			
- 00	S	179.080	173.904	161.759	153.439		173.676	158.222	154.213	167.796	164.399			
89	T	2.6367	4.0852	2.0975		2.2985	2.1613	2.6342	2.2432	2.8204	19.6271			
	S	179.718	174.577	162.369	-	165.226	176.030	159.700	149.999	166.321	163.977			
90	Т	2.6533	4.1113	2.1128			2.1706	2.6378	2.1925	2.7980	19.5558			
	S	178.594	173.469	161.193	153.796	166.253	175.276	159.482	153.467	167.652	164.575			
91	T	2.6336	4.0865	2.1117	2.7093		2.1837	2.6691	2.2091	2.8089	19.6093			
<u></u>	S	179.930	174.521	161.277	153.637	166.283	174.225	157.612	152.314	167.002	164.126			
92	Т	2.6490	4.1091	2.1176			2.1877	2.6620	2.2039	2.8177	19.6680			
	S	178.884	173.562	160.827	152.255	165.392	173.906	158.032	152.674	166.480	163.636			
93	Т	2.6524	4.1071	2.1137	2.7304	2.2936	2.1723	2.6624	2.2289	2.8166	19.6703			
	S	178.655	173.646	161.124		165.579	175.139	158.008	150.961	166.545	163.617			
94	T	2.6648	4.1453	2.1396			2.1764	2.6998	2.2327	2.8207	19.7210			
	S	177.823	172.046	159.174	-	166.530	174.809	155.820	150.704	166.303	163.197			
95	Т	2.6691	4.1499	2.1401	2.7227	2.2905	2.1877	2.6765	2.2249		19.7316			
	S	177.537	171.855	159.137	152.881	165.803	173.906	157.176	151.233	166.338	163.109			

Track: Iowa Speedway 0.894 mile(s)

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Section Data for Car 27 - Rossi, Alexander

Race

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Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap F	PI to PO	PO to SF	SF to PI
0.0	T	2.6706	4.1531	2.1428	2.7339	2.2963	2.2184	2.6925	2.2147	2.8064	19.7756			
96	S	177.437	171.723	158.936	152.255	165.385	171.500	156.242	151.929	167.150	162.746			
0.7	Т	2.6616	4.1446	2.1423	2.7280	2.2999	2.2045	2.7276	2.2741	2.8468	19.8848			
97	S	178.037	172.075	158.973	152.584	165.126	172.581	154.231	147.961	164.778	161.852			
98	Т	2.6901	4.1768	2.1403	2.7179	2.2861	2.1927	2.6992	2.2376	2.8395	19.8034			
90	S	176.151	170.748	159.122	153.151	166.123	173.510	155.854	150.374	165.202	162.518			
99	Т	2.6782	4.1696	2.1648	2.8094	2.3261	2.2416	2.7511	2.2713	2.8506	20.0931			
99	S	176.934	171.043	157.321	148.163	163.266	169.725	152.914	148.143	164.559	160.174			
100	Т	2.6867	4.1772	2.1598	2.7778	2.3055	2.2132	2.7406	2.2503	2.8247	19.9586			
100	S	176.374	170.732	157.685	149.849	164.725	171.902	153.500	149.526	166.068	161.254			
101	Т	2.7535	4.3422	2.3004	2.8621	2.3378	2.2560	2.7546	2.2552	2.8355	20.3551			
101	S	172.095	164.244	148.047	145.435	162.449	168.641	152.720	149.201	165.435	158.113			
102	T	2.7277	4.2530	2.1973	2.7937	2.3337	2.2407	2.7283	2.2539	2.8386	20.1139			
102	S	173.723	167.689	154.994	148.996	162.734	169.793	154.192		165.254	160.009			
103	T	2.6844		2.1495		2.3057	2.2415				20.3303			
103	S	176.525	170.883	158.441	151.193	164.710	169.732	152.421	136.226		158.306			
104	T	2.7265	4.2192	2.1570		2.3242	2.2157	2.7152			20.0084			
104	S	173.799	169.032	157.890	149.103	163.399	171.709	154.936	149.346	166.044	160.852			
105	工	2.6798	4.1775	2.1659		2.3284	2.2252	2.7277	•	2.8231	19.9897			
103	S	176.828	170.720	157.241	149.178	163.105	170.975			166.162	161.003			
106	工	2.7226		2.2267	2.8540	2.3477	2.2834				20.4115			
100	S	174.048		152.947	145.848	161.764	166.618			164.029	157.676			
107	Т	2.7813		2.2957	2.8121	2.3169	2.2369				20.3655			
107	S	170.375	162.898	148.350		163.914	170.081	149.422	•	165.815	158.032			
108	ፗ	2.7720		2.2731	2.8455	2.3404	2.2440				20.3415			
	S	170.946	164.040	149.825	146.284	162.268	169.543	151.303		165.669	158.218			
109	I	2.7247	4.3132	2.3052	2.9173	2.3582	2.3034				20.4952			
	S	173.914		147.739		161.043	165.171	150.787			157.032			
110	Ҵ	2.7910				2.3577	2.3171	2.8347	+		20.7227			
	S	169.783	161.113	143.973	143.149		164.194			164.414	155.308			
111	T	2.7684	-	2.2493		2.3429	2.2438				20.2699			
	S	171.169		151.411	146.171	162.095	169.558	-	-	165.739	158.777			
112	I	2.7336				2.3539	2.2531	2.7875			20.4017			
	S	173.348	166.725	152.080	144.617	161.338	168.858	150.917	147.558	163.128	157.752			
113	ፗ	2.7267	4.2487	2.2178		2.3659	2.2275				20.2704			
	S	173.786	167.859	153.561	143.882	160.519	170.799	154.640			158.773			
114	I	2.6929	4.1732	2.1430		2.3224					19.9814			
	S	175.968	170.896	158.921	149.649	163.526	171.252	154.367	149.486	164.946	161.070			

Track: Iowa Speedway 0.894 mile(s)

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Race

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Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.7082	4.2120	2.1681	2.7311	2.2969	2.2018	2.6823	2.2207	2.8267	19.8358			
115	S	174.974	169.321	157.081	152.411	165.341	172.793	156.836	151.519	165.950	162.252			
116	Т	2.6718	4.1461	2.1287	2.7306	2.3016	2.2021	2.6800	2.2642	2.8809	19.8599			
116	S	177.357	172.013	159.989	152.439	165.004	172.769	156.971	148.608	162.828	162.055			
117	Т	2.6999	4.1746	2.1303	2.7275	2.2962	2.1983	2.6772	2.2190	2.8372	19.7856			
117	S	175.512	170.838	159.869	152.612	165.392	173.068	157.135	151.635	165.336	162.664			
118	Т	2.6692	4.1384	2.1233	2.7306	2.2973	2.1856	2.6677	2.2489	2.8410	19.7636			
110	S	177.530	172.333	160.396	152.439	165.313	174.073	157.695	149.619	165.115	162.845			
119	Т	2.6684	4.1423	2.1321	2.7739	2.3220	2.2026	2.7028	2.2532	2.8550	19.9100			
119	S	177.583	172.170	159.734	150.059	163.554	172.730	155.647	149.333	164.305	161.647			
120	Т	2.6934	4.1779	2.1459	2.8070	2.3300	2.2097	2.7065	2.3369	2.8917	20.1211			
120	S	175.935	170.703	158.706	148.290	162.993	172.175	155.434	143.984	162.220	159.951			
121	T	2.7095	4.2123	2.1751	2.7804	2.3181	2.2155	2.7390	2.3674	2.9277	20.2327			
121	S	174.890	169.309	156.576	149.709	163.829		153.590	142.129	160.225	159.069			
122	Т	2.7125	4.2105	2.1798	2.8633	2.3518	2.2556	2.8130	2.3715	2.8961	20.4436			
122	S	174.696	169.382	156.238			168.671	149.549	141.884	161.973	157.428			
123	T	2.7316	4.3085	2.2820	2.9144			3.0349	2.5199	2.9667	21.0723			
123	S	173.475	165.529	149.241	142.825	160.730	168.343	138.615	133.528	158.119	152.731			
124	T	2.8329	4.4152	2.2652	2.9163	2.4008	2.2689	2.8313	2.3782	2.9290	20.8226			
124	S	167.272	161.529	150.348	142.732	158.186	167.682	148.583	141.484	160.154	154.563			
125	T	2.8370	4.4137	2.2673	2.8779		-		2.4112	2.9373	20.8121			
123	S	167.030	161.584		144.637	160.655	168.209	147.313		159.701	154.641			
126	T	2.7285	4.2401	2.2010		2.3929	2.3219	2.9623	2.4135	2.9218	20.8760			
120	S	173.672	168.199		141.866		·		139.415	160.549	154.167			
127	T	2.7393	4.2632	2.2084			2.2392	2.7927	2.3785	2.9127	20.5353			
	S	172.987	167.288							161.050	156.725			
128	T	2.7295	4.2456			2.3643				2.8955	20.5038			
	S	173.608	167.981	154.523				149.464		162.007	156.966			
129	T	2.7170	4.2324	+	•	+		•	2.3753	2.9293	20.5421			
	S	174.407	168.505	154.973	144.818	160.275	168.194		141.657	160.138	156.673			
130	I	2.7516	4.2888						2.3692	2.9457	20.5625			
	S	172.214	166.289	153.009		161.345			142.021	159.246	156.518			
131	T	2.7811	4.3375			2.3640			2.3419		20.4994			
	S	170.387	164.422	151.613	144.924	•				162.585	157.000			
132	T	2.7090	4.2193					2.7795	2.3558	2.9063	20.3618			
	S	174.922	169.028						142.829	161.405	158.061			
133	T	2.7546							2.3934		20.6890			
	S	172.026	165.876	152.564	143.130	159.763	167.668	148.300	140.585	160.780	155.561			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 27 - Rossi, Alexander

Race

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Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	Т	2.7284	4.2493	2.2048	2.9384	2.3954	2.2772	2.8302	2.3561	2.8991	20.6296		Ì	
134	S	173.678	167.835	154.467	141.659		167.071	148.640	142.811	161.806	156.009			
425	Т	2.7116	4.2121	2.1729	2.9126	2.4024	2.2720	2.8272	2.3925	2.9342	20.6254	1		
135	S	174.754	169.317	156.734	142.914	158.081	167.454	148.798	140.638	159.870	156.041			
126	T	2.7703	4.3211	2.2503	2.9455	2.3949	2.2603	2.8041	2.3171	2.8792	20.6217	1		
136	S	171.051	165.046	151.343	141.317	158.576	168.320	150.024	145.215	162.924	156.069			
427	Т	2.7082	4.2173	2.1905	2.8631	2.3554	2.2296	2.7809	2.3502	2.8968	20.3747	1		
137	S	174.974	169.109	155.475	145.384	161.235	170.638	151.275	143.170	161.934	157.961			
420	Т	2.7305	4.2608	2.2218	2.9090	2.3865	2.2683	2.8295	2.4782	3.0146	20.8384	1		
138	S	173.545	167.382	153.285	143.090	159.134	167.727	148.677	135.775	155.606	154.446	1		
120	Т	2.7841	4.3389	2.2513	2.9635	2.4116	2.2774	2.8448	2.4074	2.9798	20.9199			
139	S	170.204	164.369	151.276	140.459	157.477	167.057	147.877	139.768	157.424	153.844	1		
140	Т	2.8016	4.3766	2.2700	2.9081	2.3769	2.2591	2.8254	2.3868	2.9389	20.7668			
140	S	169.140	162.953	150.030	143.135	159.776	168.410	148.893	140.974	159.614	154.978	3		
141	Т	2.8171	4.4109	2.3121	2.9865	2.4122	2.3112	2.9350	2.5181	3.3496	21.6418	1		
141	S	168.210	161.686	147.298	139.377	157.438	164.613	143.333	133.623	140.044	148.712			
142	Т	3.1040	4.8922	2.5613	3.0378	2.4177	2.3118	2.8518	2.4342	2.9623	21.6809			
142	S	152.662	145.779	132.967	137.024	157.080	164.571	147.514	138.229	158.354	148.444	1		
143	Т	2.7849	4.3653	2.2853	2.9693	2.4670	3.0653	4.4354			30.8147	31.7078		23.2348
143	S	170.155	163.375	149.026	140.185	153.941	124.117	94.846			104.444	31.405		122.265
144	Т						2.4771	2.8077	2.2018	2.7969	42.9880		18.8601	
144	S						153.589	149.831	152.819	167.718	74.867	'	136.529	
145	Т	2.6649	4.1244	2.1106	2.6611	2.2490	2.1634	2.6909	2.2344	2.7868	19.5611			
145	S	177.817	172.918	161.361	156.420	168.863	175.860	156.335	150.590	168.326	164.531			
146	Т	2.6165	4.0338	2.0582	2.6403	2.2381	2.1369	2.5795	2.1754	2.7851	19.2300			
140	S	181.106	176.801	165.469	157.653	169.685	178.040	163.087	154.674	168.429	167.363	1		
147	Т	2.6203	4.0401	2.0562	2.6489	2.2489	2.1256	2.5290	2.1156	2.7422	19.0867	1		
147	S	180.843	176.526	165.630	157.141	168.870	178.987	166.343	159.046	171.064	168.620			
148	Т	2.5780	3.9711	2.0191	2.5910	2.2219	2.1053	2.5204	2.1238	2.7483	18.9078			
140	S	183.811	179.593	168.673	160.652	170.923	180.713	166.911	158.432	170.684	170.215			
149	Т	2.5879	3.9817	2.0207	2.6133	2.2333	2.1163	2.5345	2.1419	2.7588	19.0067	1		
149	S	183.107	179.115	168.540	159.281	170.050	179.773	165.982	157.093	170.034	169.330			
150	Т	2.5896	3.9884	2.0347	2.6180	2.2315	2.1188	2.5434	2.1426	2.7587	19.0373			
130	S	182.987	178.814	167.380	158.995	170.187	179.561	165.401	157.042	170.041	169.058			
151	Т	2.5947	4.0184	2.0576	2.6277	2.2368	2.1221	2.5714	2.1221	2.7526	19.0850			
131	S	182.628	177.479	165.517	158.408	169.784	179.282	163.600	158.559	170.417	168.635	i		
152	Т	2.6193			2.6673	2.2566	2.1272	2.5624	2.1577	2.7733	19.2584			
152	S	180.912	175.345	162.593	156.057	168.294	178.852	164.175	155.943	169.145	167.117	1		

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



TAG

Section Data for Car 27 - Rossi, Alexander

Race

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152	Т	2.6364	4.1007	2.1221	2.6901	2.2614	2.1425	2.6116	2.2021	2.7924	19.4586		1	
153	S	179.739	173.917	160.486	154.734	167.937	177.575	161.082	152.798	167.988	165.397			
154	Т	2.6667	4.1462	2.1404	2.6825	2.2542	2.2000	2.6754	2.2071	2.8057	19.6320			
154	S	177.697	172.009	159.114	155.172	168.473	172.934	157.241	152.452	167.192	163.936			
155	Т	2.6894	4.1960	2.1878	2.8054	2.3208	2.2562	2.6929	2.1755	2.8002	19.9282			
155	S	176.197	169.967	155.667	148.375	163.639	168.626	156.219	154.667	167.521	161.500			
156	Т	2.6536	4.1954	2.2461	2.8872	2.3407	2.2570	2.7524	2.2563	2.8140	20.2073			
130	S	178.574	169.991	151.626	144.171	162.248	168.566	152.842	149.128	166.699	159.269			
157	Т	2.7415	4.3143	2.2678	2.7664	2.3007	2.1741	2.6127	2.2010	2.7959	19.8601			
157	S	172.848	165.306	150.176	150.466	165.068	174.994	161.014	152.875	167.778	162.054			
158	Т	2.6633	4.1415	2.1373	2.7880	2.3252	2.1894	2.6231	2.2610	2.8457	19.8330			
156	S	177.923	172.204	159.345	149.301	163.329	173.771	160.376	148.818	164.842	162.275			
159	T	2.6624	4.1307	2.1173	2.6841	2.2713	2.1756	2.6391	2.1630	2.7757	19.4885			
139	S	177.984	172.654	160.850	155.080	167.205	174.873	159.404	155.560	168.999	165.144			
160	Т	2.6623	4.1480	2.1495	2.7316	2.2888	2.1701	2.6479	2.2178	2.8060	19.6740			
100	S	177.990	171.934	158.441	152.383	165.927	175.317	158.874	151.717	167.174	163.586			
161	T	2.6444	4.1108	2.1209	2.7006	2.2747	2.1805	2.6496	2.1900	2.7878	19.5485			
101	S	179.195	173.490	160.577	154.132	166.955	174.480	158.772	153.643	168.266	164.637			
162	T	2.6717	4.1595		2.7308			2.6607	2.2169	2.8055	19.7075			
102	S	177.364	171.459		152.428	165.695	174.217	158.109	151.778	167.204	163.308			
163	T	2.6500			-		-			2.8113	19.6367			
103	S	178.816	173.363		154.167	167.411	174.986	156.725		166.859	163.897			
164	T	2.6913	4.1895				2.2489			2.8201	20.1322			
107	S	176.072	170.231	+	·		169.174			166.338	159.863			
165	T	2.6923	4.2488		2.7740		2.1722	2.6444	2.2026	2.8112	19.8404			
	S	176.007	167.855							166.865	162.214			
166	T	2.6527	4.1188								19.4296			
	S	178.634	173.153				175.252	159.919		169.206	165.644			
167	T	2.6489	+	+	2.6750	+	2.1659	+			19.4622		ļ	
	S	178.891	172.901		155.607	168.361	175.657	160.842		168.368	165.367		ļ	
168	I	2.6377	4.0961					2.6479		2.7728	19.5024		-	
L	S	179.650	174.112			166.977	173.233	158.874		169.176	165.026		-	
169	I	2.6760				2.2628		2.6903			19.6798		-	
	S	177.079	170.826	+			173.273			167.479	163.538			
170	I	2.7131	4.2156				2.2235			2.7636	19.9002		-	
L	S	174.658	169.177				171.106			169.739	161.727		-	
171	I	2.6602	4.1373							2.9272	19.7974		-	
	S	178.131	172.379	160.979	157.952	168.496	174.576	156.854	143.554	160.252	162.567			

Track: **Iowa Speedway** 0.894 mile(s)

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172	Т	2.7043	4.1861	2.1335	2.6995	2.2725	2.2030	2.7194	2.2380	2.8250	19.7952			
172	S	175.226	170.369	159.629	154.195	167.117	172.698	154.697	150.347	166.050	162.585			
172	Т	2.6580	4.1241	2.1199	2.6981	2.2716	2.2105	2.7414	2.2038	2.8036	19.7069			
173	S	178.278	172.930	160.653	154.275	167.183	172.112	153.455	152.680	167.317	163.313			
174	Т	2.6765	4.1711	2.1590	2.6751	2.2684	2.2672	2.7790	2.3285	2.9172	20.0709			
1/4	S	177.046	170.982	157.743	155.602	167.419	167.808	151.379	144.504	160.802	160.352			
175	Т	2.7315	4.2426	2.1780	2.7745	2.3123	2.1966	2.7067	2.2289	2.8114	19.9399			
1/3	S	173.481	168.100	156.367	150.027	164.240	173.202	155.422	150.961	166.853	161.405			
176	Т	2.6961	4.2050	2.1813	2.7095	2.2742	2.2190	2.7390	2.2972	2.8526	19.9689			
170	S	175.759	169.603	156.131	153.626	166.992	171.453	153.590	146.473	164.443	161.171			
177	T	2.6992	4.2072	2.1793	2.8211	2.3375	2.2402	2.7456	2.2755	2.8574	20.1558			
1//	S	175.557	169.515	156.274	147.549	162.470	169.831	153.220	147.870	164.167	159.676			
178	工	2.6817	4.1640	2.1491	2.7602	2.3031	2.2012	2.7163	2.2228	2.8221	19.8565			
170	S	176.703	171.273	158.470	150.804	164.896	172.840		151.375	166.221	162.083			
179	ፗ	2.7133	4.2322	2.1816	2.7660	2.3115	2.2279	2.7384	2.3136	2.9734	20.2257			
1//	S	174.645	168.513	-	150.488	164.297	170.768	-	145.435	157.762	159.124			
180	工	2.7312	4.2342	2.1643	2.8589				2.2876	2.8375	20.4030			
100	S	173.500	168.434	157.357	145.598		166.537	148.013	147.087	165.318	157.742			
181	工	2.6826	4.2344		2.8123		2.2558			2.8395	20.2048			
101	S	176.643	168.426		148.011	163.702	168.656		147.759	165.202	159.289			
182	T	2.7280	4.2503		2.7697	2.3014			2.3080	2.8631	20.1444			
102	S	173.704	167.796		150.287	165.018	171.740		145.787	163.840	159.766			
183	ፗ	2.6801	4.1735	-			2.2054			2.8655	20.0044			
100	S	176.808	170.883	156.828	150.022	164.968	172.510		146.888	163.703	160.885			
184	ፗ	2.6749	4.1720		2.8465	2.3318				2.8461	20.1836			
	S	177.152	170.945	-	146.232	162.867	171.114	-	-	164.819	159.456			
185	I	2.6980	4.1934						2.3879	2.9276	20.4707			
	S	175.635	170.072	156.095	146.078	162.484	167.941	149.009	140.909	160.231	157.220			
186	I	2.7307	4.2821	2.2766	3.2644	3.3126	3.7665	4.6315	3.7772	4.1823	27.9418			
	S	173.532	166.550	149.595	127.512	114.645	101.010	90.831	89.081	112.161	115.182			
187	T	4.0821	6.3806	3.2781	3.9094	4.2876	4.4618	4.6141	3.9002	4.9793	33.5126		+	
	S	116.083	111.773	103.892	106.474	88.575	85.269	91.173	86.272	94.208	96.036			
188	T	4.7937	7.4927	3.8383	4.4648	3.9430	4.5831	5.7464	4.6804	6.9603	39.0100		+	+
<u> </u>	S	98.851	95.184	88.729	93.229	96.316	83.012	73.208	71.891	67.395	82.502		+	+
189	T	6.3888	10.0043	5.0569	5.7301	5.1304	5.4558	6.0245	4.4659	6.0612	44.3136			
	S	74.171	71.288	67.347	72.643	74.024	69.734		75.344	77.392	72.628			
190	T	6.4378	9.8128	4.7793	5.4209		5.5396		3.9239	5.9380	41.8524		+	
	S	73.606	72.679	71.259	76.786	79.246	68.679	83.791	85.751	78.998	76.899			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



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101	Т	6.8334	9.9556	4.4766	5.5267	5.0506	5.2398	6.1306	4.7215	6.5013	44.4805			
191	S	69.345	71.636	76.077	75.316	75.194	72.609	68.620	71.265	72.153	72.355			
102	Т	6.5742	9.8525	4.6012	5.5245	5.0143	4.2193	3.8969	3.1390	3.8084	36.7778			
192	S	72.079	72.386	74.017	75.346	75.738	90.170	107.953	107.193	123.173	87.509			
193	Т	3.8426	6.0799	3.2303	4.0680	3.1349	2.9869	3.7293	3.0596	3.6965	27.7481			
193	S	123.318	117.302	105.429	102.323	121.143	127.374	112.804	109.974	126.901	115.986			
194	Т	3.6500	5.7362	2.9912	3.4618	2.8352	2.8804	3.5353	2.9087	4.7689	27.0315			
194	S	129.826	124.330	113.857	120.241	133.949	132.084	118.995	115.680	98.365	119.061			
195	Т	6.5260	9.6758	4.4957	5.6961	5.1361	5.2378	5.2759	3.5247	5.3059	41.1982			
193	S	72.612	73.708	75.754	73.076	73.942	72.636	79.737	95.463	88.409	78.120			
196	Т	6.1966	9.5996	4.7063	5.3188	5.0190	5.0173	5.8553			45.5698	30.9982		37.9613
190	S	76.472	74.293	72.364	78.260	75.667	75.829	71.846			70.626	32.124		74.834
197	Т						2.7669	3.3888	2.5883	4.0182	45.1811		21.7914	
19/	S						137.502	124.139	129.999	116.742	71.233		118.163	
198	Т	6.1494	9.0036	4.0101	5.4645	5.1219	4.9371	5.3414	4.1053	5.9284	41.0581			
130	S	77.059	79.211	84.928	76.173	74.147	77.060	78.759	81.962	79.126	78.386	ı e		
199	Т	6.0474	8.7772	3.8493	4.7841	3.6999	4.2613	5.0295	3.3918	3.2388	34.3021			
199	S	78.358	81.254			102.644	89.281	83.643	99.203	144.835	93.825			
200	I	2.9001	4.5525	•	•	2.2800	2.1976	2.6257	2.1097	2.7083	19.9548			
200	S	163.396	156.657	144.101	150.271	166.567	173.123	160.217	159.491	173.205	161.285			
201	I	2.6433	4.1777		2.6956	2.2406	2.1662	2.5951	2.1004	2.7157	19.3603			
201	S	179.270	170.712			169.496	175.632	162.106	160.197	172.733	166.237			
202	I	2.5834	3.9953			2.2077	2.1381	2.5662	2.0641	2.7108	18.8835			
	S	183.426	178.505	•	•	172.022	177.940		163.014	173.045	170.435	•		
203	ፗ	2.5637	3.9572	 		2.2870	2.1897	2.5808	2.0834	2.7220	19.1552			
	S	184.836	180.224		154.390	166.057	173.747	163.004	161.504	172.333	168.017			
204	ፗ	2.6072	4.0579			2.2236			2.0917	2.7316	18.9855			
	S	181.752	175.751		+	170.792	179.215			171.728	169.519			
205	ፗ	2.5883	4.0095	+	•	2.2549			2.1152	2.7157	19.1094			
	S	183.079	177.873			168.421	177.318		159.076	172.733	168.420			
206	ᄑ	2.5691	3.9907			2.2276		2.5390		2.7194	19.0022			
	S	184.447	178.711	164.884		170.485	180.678		157.438	172.498	169.370			
207	፲	2.5872	4.0238			2.2328				2.7624	19.1242			
	S	183.157	177.241			170.088	179.731	165.265	158.015	169.813	168.289			
208	듸	2.6072	4.0263	 		2.2594	2.1362	2.5517	2.1331	2.7594	19.1533			
	S	181.752	177.131			168.086	178.099	164.863	157.741	169.997	168.034			
209	ፗ	2.6138				2.2531	2.1473	2.6435		2.7732	19.4521			
	S	181.293	175.294	160.941	154.212	168.556	177.178	159.138	152.535	169.151	165.453			

Track: Iowa Speedway 0.894 mile(s)

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Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap Pi	I to PO	PO to SF	SF to PI
240	Т	2.6080	4.0444	2.0947	2.7604	2.3092	2.1829	2.6383	2.1897	2.8194	19.6026			
210	S	181.696	176.338	162.586	150.793	164.461	174.289	159.452	153.664	166.380	164.182			
244	Т	2.6575	4.1176	2.1255	2.7880	2.3136	2.1681	2.6203	2.1814	2.8041	19.6585			
211	S	178.312	173.203	160.230	149.301	164.148	175.478	160.547	154.248	167.288	163.715			
212	Т	2.6578	4.1130	2.0989	2.6563	2.2577	2.1401	2.5796	2.1956	2.8039	19.3899			
212	S	178.292	173.397	162.260	156.703	168.212	177.774	163.080	153.251	167.299	165.983			
213	Т	2.6383	4.0747	2.0774	2.6537	2.2623	2.1460	2.5960	2.2007	2.8111	19.3855			
213	S	179.609	175.027	163.940	156.856	167.870	177.285	162.050	152.896	166.871	166.021			
214	T	2.6500	4.1043	2.1025	2.6967	2.2795	2.1706	2.6105	2.2007	2.8254	19.5359			
214	S	178.816	173.765	161.982	154.355	166.604	175.276	161.150	152.896	166.026	164.743			
215	Т	2.6513	4.0973	2.0947	2.7128	2.2960	2.1887	2.6415	2.2141	2.8287	19.6278			
213	S	178.729	174.061	162.586	153.439	165.406	173.827	159.259	151.970	165.833	163.972			
216	T	2.6593	4.1165	2.1073	2.7128	2.2875	2.1623	2.6180	2.2370	2.8313	19.6155			
210	S	178.191	173.250	161.614	153.439	166.021	175.949	160.688		165.680	164.074			
217	T	2.6639	4.1121	2.0938	2.6762	2.2761	2.1690	2.6287	2.2020	2.8259	19.5356			
217	S	177.883	173.435	162.656	155.538	166.852	175.406	160.034	152.805	165.997	164.745			
218	T	2.6673	4.1433	2.1392	2.7340	2.3079	2.1866	2.6354	2.2120	2.8225	19.7049			
210	S	177.657	172.129	159.204	152.249	164.553	173.994	159.627	152.114	166.197	163.330			
219	工	2.6639	4.1160	2.0957	2.6944	2.2896	2.1725	2.6185	2.2164	2.8181	19.5691			
213	S	177.883	173.271	162.508	154.487	165.869	175.123	160.658	151.813	166.456	164.463			
220	Т	2.6670	4.1513	2.1472	2.8085	2.3129	2.1783	2.7186	2.2731	2.8243	19.9299			
220	S	177.677	171.797	158.610		164.198	174.657	154.742		166.091	161.486			
221	工	2.6708	4.1410	2.1211	2.7111	2.2913	2.1769	2.6534	2.2234	2.8386	19.6866			
221	S	177.424	172.225	160.562	153.535	165.746		•	•	165.254	163.482		ļ	
222	ፗ	2.6757	4.1449	2.1307	2.7146	2.2846	2.1675	2.6354	2.2383	2.8442	19.6910			
	S	177.099	172.062	159.839	153.338	166.232	175.527	159.627		164.929	163.445			
223	T	2.6740	4.1459			2.2926		2.6183		2.8101	19.6014			
	S	177.212	172.021	160.267	152.691	165.652	175.058			166.930	164.192			
224	I	2.6443	4.0979			2.2859		 		2.8089	19.5101			ļ
	S	179.202	174.036		153.922	166.137	175.665	160.793		167.002	164.961			
225	T	2.6515	4.1081	2.1047	2.6933	2.2839				2.8023	19.5090			
	S	178.715	173.604	161.813	154.550	166.283	175.657	160.437		167.395	164.970			
226	I	2.6574	4.1181	2.1035		2.3049					19.5996			
	S	178.319	173.182	161.905	153.513	164.768	174.257	159.834		166.675	164.207			
227	ፗ	2.6624	4.1224			2.2836				2.8097	19.5556			
	S	177.984	173.002	161.713	154.521	166.304	175.204			166.954	164.577			
228	I	2.6423	4.0949		2.7152	2.2971	2.1761	2.6148			19.5408			
220	S	179.338	174.163	162.322	153.304	165.327	174.833	160.885	154.305	166.545	164.702			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 27 - Rossi, Alexander

Race

Report:

Session:

Lap	T/S	SF to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
229	Т	2.6702	4.1451	2.1266	2.7187	2.2995	2.1917	2.6352	2.1961	2.8060	19.6440			
229	S	177.464	172.054	160.147	153.106	165.154	173.589	159.639	153.216	167.174	163.836			
230	Т	2.6465	4.0961	2.0940	2.7278	2.2985	2.1838	2.6356	2.1768	2.7998	19.5628			
230	S	179.053	174.112	162.640	152.595	165.226	174.217	159.615	154.574	167.544	164.516			
231	Т	2.6463	4.0954	2.0961	2.7552	2.3201	2.1814	2.6403	2.1872	2.8062	19.6328			
231	S	179.066	174.142	162.477	151.078	163.688	174.408	159.331	153.839	167.162	163.930			
232	Т	2.6567	4.1171	2.1108	2.7702	2.3201	2.1838	2.6373	2.2163	2.8328	19.7280			
232	S	178.366	173.224	161.346	150.260	163.688	174.217	159.512	151.819	165.593	163.139			
233	Т	2.6644	4.1372	2.1226	2.7232	2.2987	2.1816	2.6138	2.1936	2.8147	19.6126			
233	S	177.850	172.383	160.449	152.853	165.212	174.392	160.946	153.390	166.658	164.099			
234	Т	2.6486	4.0985	2.1051	2.7625	2.3194	2.1797	2.6352	2.2134	2.8183	19.6822			
234	S	178.911	174.010	161.782	150.679	163.737	174.544	159.639	152.018	166.445	163.518			
225	Т	2.6515	4.1121	2.1131	2.7264	2.2938	2.1767	2.6714	2.2252	2.8288	19.6869			
235	S	178.715	173.435	161.170	152.674	165.565	174.785	157.476	151.212	165.827	163.479			
236	Т	2.6759	4.1568	2.1368	2.7577	2.3199	2.2005	2.6965	2.2784	2.8509	19.9166			
230	S	177.086	171.570	159.382	150.941	163.702	172.895	156.010	147.681	164.541	161.594			
237	T	2.6831	4.1671	2.1331	2.7651	2.3224	2.1896	2.6632	2.2296	2.8189	19.8050			
237	S	176.611	171.146	159.659	150.537	163.526	173.755	157.961	150.914	166.409	162.504			
238	T	2.6468	4.1156	2.1223	2.7693	2.3215	2.1983	2.6935	2.3016	2.9327	19.9860			
236	S	179.033	173.287	160.471	150.309	163.589	173.068	156.184	146.193	159.952	161.033			
239	Т	2.7316	4.2301	2.1772	2.9534	2.3864	2.2188	2.7085	2.2594	2.8447	20.2800			
239	S	173.475	168.597	156.425	140.939	159.140	171.469	155.319	148.923	164.900	158.698			
240	Т	2.6893	4.1819	2.1621	2.8153	2.3438	2.2184	2.7431	2.2374	2.8357	20.0451			
240	S	176.203	170.540	157.517	147.853	162.033	171.500	153.360	150.388	165.423	160.558			
241	Т	2.6743	4.1616	2.1576	2.8005	2.3254	2.2086	2.7568	2.2954	2.8613	20.0799			
271	S	177.192	171.372	157.846	148.634	163.315	172.261	152.598	146.588	163.943	160.280			
242	T	2.6963	4.1957	2.1655	2.8146	2.3518	2.2222	2.7263	2.2517	2.8308	20.0592			
	S	175.746	169.979	157.270	147.890	161.482	171.206	154.305	149.433	165.710	160.445			
243	T	2.6763	4.1672	2.1623	2.8363	2.3566	2.2345	2.7659	2.2808	2.8515	20.1642			
	S	177.059	171.142	157.503	146.758	161.153	170.264	152.096	147.526	164.507	159.610			
244	Т	2.6883	4.1844	2.1667	2.8376	2.3486	2.2332	2.7644	2.2504	2.8301	20.1193			
	S	176.269	170.438	157.183	146.691	161.702	170.363	152.178	149.519	165.751	159.966			
245	Т	2.6811	4.1859	2.1788	2.8227	2.3435	2.2352	2.7691	2.2701	2.8397	20.1402			
2-3	S	176.742	170.377	156.310	147.465	162.054	170.211	151.920	148.221	165.190	159.800			
246	T	2.6757	4.1725	2.1652	2.7935	2.3312	2.2176	2.7291	2.2370	2.8227	19.9720			
270	S	177.099	170.924	157.292	149.007	162.909	171.561	154.147	150.415	166.185	161.146			
247	Т	2.6962	4.2172	2.1997	2.8705	2.3801	2.2468	2.7436	2.2436	2.8328	20.2133			
	S	175.752	169.113	154.825	145.010	159.562	169.332	153.332	149.972	165.593	159.222			

Iowa Speedway 0.894 mile(s) Track:

NTT IndyCar Series Section Data Report

July 20, 2019 INDYCAR

DT to DO

DO to CE

TAG

Section Data for Car 27 - Rossi, Alexander

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	2.7006	4.2180	2.1857	2.8367	2.3441	2.2461	2.7933	2.3304	2.8705	20.3074			
240	S	175.466	169.081	155.817	146.737	162.012	169.385	150.604	144.386	163.418	158.484			
249	T	2.7013	4.2167	2.1996	2.8488	2.3513	2.2469	2.7803	2.2664	2.8511	20.2457			
249	S	175.421	169.133	154.832	146.114	161.516	169.324	151.308	148.463	164.530	158.967			
250	T	2.7025	4.2109	2.1847	2.8579	2.3578	2.2503	2.7671	2.2526	2.8378	20.2107			
230	S	175.343	169.366	155.888	145.649	161.071	169.068	152.030	149.373	165.301	159.242			
251	T	2.6863	4.1867	2.1686	2.8308	2.3566	2.2281	2.8611	2.4736	2.9221	20.5272			
231	S	176.400	170.345	157.045	147.043	161.153	170.753	147.035	136.027	160.532	156.787			
252	LT	2.7062	4.2070		2.9848	2.4161	2.3094	2.8309	2.3026	2.8690	20.5988			
232	S	175.103	169.523	156.238	139.457	157.184	164.742	148.604	146.129	163.503	156.242			
253	T	2.7218	4.2300	2.1884		2.4070	2.7880				30.2352	30.8100		22.6684
233	S	174.099	168.601	155.624	144.401	157.778	136.461	97.853			106.445	32.321		125.320
254	LT						2.4475				41.9127		18.6695	
254	S						155.446	156.830	151.070	169.365	76.788		137.922	
255	T	2.6503	4.1031	2.0930	2.6422	2.2423	2.1282	2.5226	2.1029	2.7265	19.1080			
233	S	178.796	173.815	162.718	157.539			166.765	160.006	172.049	168.432			
256	工	2.5778	3.9662	2.0351	2.6911	2.2467	2.1249	2.5293	2.0784	2.7302	19.0135			
230	S	183.825	179.815	167.347	154.677	169.036			161.892	171.816	169.269			
257	口	2.5954	4.0000	2.0267	2.5579			2.4758	2.0457	2.6940	18.6983			
	S	182.578	178.295	168.041	162.731	172.342	181.238	169.918	164.480	174.124	172.123			
258	口	2.5661	3.9665		2.5601				-	2.6944	18.6832			
230	S	184.663		168.248	162.591	172.836			163.402	174.098	172.262			
259	ഥ	2.5955		2.0634					2.0973	2.7317	19.0265			
233	S	182.571			159.899		+		160.434		169.154		ļ	
260	ഥ	2.6348									19.2750			
	S	179.848			158.898		-				166.973			
261	I	2.6716		2.1516			2.1634			2.7858	19.5249			
	S	177.371	171.187	158.286	155.265					168.386	164.836		ļ	
262	ഥ	2.6507						+	2.2074	2.8082	19.4597		ļ	
	S	178.769		160.888	156.591	168.369			152.431	167.043	165.388		ļ	
263	LT	2.6641		2.1358					2.8980	3.8264	22.9612			
	S	177.870			147.528				116.107	122.593	140.167			
264	T	3.9791	6.2537	3.3432	5.0103	5.1108			3.1212	4.6656	33.5875			
<u> </u>	S	119.088	114.042	101.869	83.079	74.308			107.804	100.542	95.821		Ļ	
265	I	4.3355		3.2437	4.2057	4.7783	4.0908		2.9292	3.9177	31.6846	•		
	S	109.298	108.818	104.994	98.973	79.479			114.870	119.736	101.576			
266	T	4.1391		3.4689	5.8332	9.3469			4.3079	7.1661	43.6659			
	S	114.485	108.634	98.178	71.359	40.631	83.129	87.150	78.107	65.460	73.705			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

DT to DO

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Section Data for Car 27 - Rossi, Alexander

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	6.0145	8.8871	4.1986	7.0790	7.0152	5.1976	5.5949	4.7471	7.0004	46.8473			
207	S	78.787	80.249	81.115	58.801	54.136	73.198	75.190	70.881	67.009	68.700			
268	Т	6.3699	9.1660	4.0806	7.4940	7.5936	6.1712	5.7699	4.8137	6.8672	49.1601			
200	S	74.391	77.807	83.460	55.544	50.012	61.650	72.910	69.900	68.309	65.468			
269	Т	6.8766	10.1238	4.6137	6.0312	6.2672	4.9452	5.3200			47.4322	31.1314		39.8397
209	S	68.910	70.446	73.817	69.016	60.597	76.934	79.076			67.853	31.987		71.306
270	Т						3.1236	4.2419	3.9285	7.0465	51.0735		27.5346	
270	S						121.800	99.173	85.650	66.571	63.015		93.517	
271	Т	8.0474	11.0079	4.2678	6.3224	6.0010	5.3672	5.5453	4.8009	7.8563	48.2083			
2/1	S	58.884	64.788	79.799	65.837	63.285	70.885	75.863	70.086	59.709	66.760			
272	Т	7.5390	10.2496	3.9245	5.6420	5.8156	5.1595	5.8656	4.3035	7.4446	45.6943			
2/2	S	62.855	69.581	86.780	73.777	65.302	73.739		78.187	63.011	70.433			
273	T	7.3605	10.1991	4.0513		5.1157	6.1513		4.1057	5.9166	42.4050			
2/3	S	64.379	69.926	84.064	78.365	74.237	61.849	95.779	81.954	79.284	75.897			
274	Т	5.9487	8.6194	3.6967	4.7186	4.7667	3.5680	4.6902	2.8951	3.0134	33.2974			
2/4	S	79.658	82.741	92.128	88.215	79.672	106.630	89.694	116.223	155.668	96.656			
275	T	2.7834	4.4175	2.3667	3.0009	2.3794	2.2834	2.7705	2.2667	2.7858	20.6368			
2/5	S	170.246	161.445	143.900	138.708	159.609	166.618	151.843	148.444	168.386	155.954			
276	T	2.6603	4.2007	2.2207	2.6915	2.2727	2.1645	2.6373	2.1827	2.7421	19.5718			
270	S	178.124	169.777	153.361	154.654	167.102	175.770	159.512	154.156	171.070	164.441			
277	T	2.6017	4.0385	2.0845	2.6364	2.2132	2.0981	2.5370	2.1510	2.7204	19.0423			
	S	182.136	176.596		157.886		181.333			172.435	169.013			
278	工	2.6338	4.0953	2.1118			2.1189	2.5974		2.7497	19.2137			
276	S	179.916	174.146	·		173.444	179.553	161.963	153.558	170.597	167.505			
279	工	2.6215	4.0718			2.2280					19.2599			
	S	180.760	175.151	162.539	156.432	170.455	177.957	162.400	155.503	169.831	167.104			
280	工	2.6291	4.0812	2.1021	2.6775		2.1322	2.7463	2.2457	2.7543	19.5449			
200	S	180.238	174.748	162.013	155.462	168.212	178.433	153.181	149.832	170.312	164.667			
281	ഥ	2.6376	4.1029	2.1041	2.5723	2.2037	2.1224	2.5627	2.0781	2.7189	18.9998		ļ	
201	S	179.657	173.824	161.859	161.820	172.334	179.257	164.156	161.916	172.530	169.391		ļ	
282	ഥ	2.5923	4.0321	2.0713				2.5649	2.0942		18.9958		<u> </u>	
202	S	182.797	176.876							171.527	169.427			
283	ഥ	2.6043	4.0473		+			+			19.0806			
	S	181.954	176.212	163.869			178.852	+	159.362	171.489	168.674			
284	工	2.6115	-		2.6627	2.2494	2.1488			2.7404	19.2020			
	S	181.453	175.816				177.054			171.176	167.608			
285	T	2.6255				2.2607	2.1711	2.6606	2.1830		19.5051			
205	S	180.485	174.543	161.063	154.757	167.989	175.236	158.115	154.135	167.532	165.003			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 NDVCAR

TAG



Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
206	Т	2.6643	4.1311	2.1152	2.6670	2.2642	2.1401	2.5892	2.1743	2.7797	19.3940			
286	S	177.857	172.637	161.010	156.074	167.729	177.774	162.476	154.752	168.756	165.948			
287	Т	2.6196	4.0593	2.0798	2.6501	2.2453	2.1309	2.5741	2.1676	2.7830	19.2504			
207	S	180.892	175.691	163.750	157.070	169.141	178.542	163.429	155.230	168.556	167.186			
288	Т	2.6393	4.0961	2.1032	2.6458	2.2445	2.1180	2.5707	2.1673	2.7729	19.2617			
200	S	179.541	174.112	161.929	157.325	169.201	179.629	163.645	155.252	169.170	167.088			
289	Т	2.6235	4.0751	2.0973	2.6764	2.2659	2.1517	2.6141	2.1803	2.7834	19.3926			
209	S	180.623	175.010	162.384	155.526	167.603	176.816	160.928	154.326	168.532	165.960			
290	Т	2.6311	4.0826	2.1084	2.6893	2.2639	2.1356	2.5888	2.1781	2.7925	19.3877			
290	S	180.101	174.688	161.529	154.780	167.752	178.149	162.501	154.482	167.982	166.002			
291	Т	2.6378	4.0785	2.0852	2.6655	2.2541	2.1386	2.5847	2.1552	2.7792	19.3003			
291	S	179.644	174.864	163.326	156.162	168.481	177.899	162.758	156.123	168.786	166.754			
292	Т	2.6229	4.0601	2.0816		2.2398	2.1319	2.5780	2.1362	2.7515	19.1710			
292	S	180.664	175.656	163.609	158.324	169.557	178.458	163.181	157.512	170.486	167.879			
293	I	2.6344	4.1121	2.1446	2.8786	2.3947	2.2671	2.7329		2.7715	19.9864			
233	S	179.875	173.435	158.803	144.602	158.589	167.816			169.255	161.030			
294	Т	2.6923	4.1936	2.1502	2.7540	2.3189	2.1842	2.6234	2.1648	2.7748	19.6626			
294	S	176.007	170.064	158.389	151.144	163.773	174.185	160.357	155.431	169.054	163.681			
295	I	2.6384	4.1113	2.1319	2.7131	2.2763	2.1564	2.6354	2.1731	2.7842	19.5088			
233	S	179.603	173.469	159.749	153.422	166.838	176.430	159.627	154.837	168.483	164.972			
296	T	2.6489	4.1250	2.1330		2.2748	2.1577	2.6189	2.1722	2.7772	19.5016			
230	S	178.891	172.893	159.666	153.095	166.948	176.324	160.633	154.902	168.908	165.033			
297	T	2.6356	4.1062	2.1274	2.7673	2.3204	2.1784	2.6470	2.1743		19.6384			
237	S	179.793	173.684	160.087	150.417	163.667	174.649	158.928		168.254	163.883			
298	I	2.6438	4.1217	2.1418		2.3051	2.1869				19.7385			
	S	179.236		159.010		164.753	173.970				163.052			
299	T	2.6897	4.1884					2.6462		2.8177	19.7671			
	S	176.177	170.275	157.970		163.385	174.225	158.976		166.480	162.816			
300	I	2.6673	4.1508				2.1880			2.8736	19.9048			
	S	177.657	171.818		-	164.546	173.882	157.659		163.242	161.690			
301	T	3.1473	5.1232							ļ				38.3539
	S	150.562	139.206	115.694	84.593	71.623	73.509	54.606						74.068

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



ation Data for Carrio Humber Base Breez

Section Data Report

Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	10.5624	7.7518	4.0742	5.2164	5.7359	4.7300	5.4084	4.2735	4.5585	41.7487		34.2156	
1	S	67.521	61.129	83.591	79.796	66.210	80.434	77.783	78.736	102.905	77.090		75.256	
	Т	6.4823	4.0675	3.4466	4.3947	4.4308	4.1232	3.9877	2.9560	3.2070	30.6135			
2	S	110.020	116.500	98.813	94.716	85.712	92.272	105.495	113.829	146.271	105.130			
3	Т	4.7364	2.9713	2.5296	3.0371	2.4145	2.2700	2.7973	2.2981	2.8077	21.1256			
	S	150.575	159.480	134.633	137.055	157.288	167.601	150.389	146.415	167.073	152.346			
4	Т	4.2729	2.6831	2.2964	2.8113	2.3050	2.2342	2.7014	2.2132	2.7861	20.0307			
	S	166.908	176.611	148.305	148.063	164.760	170.287	155.727	152.032	168.368	160.673			
5	Т	4.1655	2.6683	2.1664	2.7333	2.2691	2.1536	2.6709	2.1897	2.7406	19.5919			
	S	171.212	177.590	157.205	152.288	167.367	176.660	157.506	153.664	171.164	164.272			
6	Т	4.0595	2.5857	2.1308	2.6459	2.2204	2.1218	2.6294	2.2001	2.7468	19.2809			
	S	175.682	183.263	159.831	157.319	171.038	179.307	159.992	152.937	170.777	166.922			
7	Т	4.1153	2.6501	2.1291	2.6777	2.2405	2.1637	2.6030	2.1846	2.7539	19.4026			
	S	173.300	178.810	159.959	155.451	169.504	175.835	161.614	154.022	170.337	165.875			
8	Т	4.0683	2.6010	2.1046	2.5832	2.2147	2.1199	2.5450	2.1897	2.8006	19.1587			
_ °	S	175.302	182.185	161.821	161.137	171.478	179.468	165.297	153.664	167.497	167.986			
9	T	4.0205	2.6203	2.0299		2.2157	2.1168	2.5449		2.7980	19.0788			
	S	177.386	180.843	167.776	162.230	171.401	179.731	165.304	153.825	167.652	168.690			
10	T	4.0142	2.6137	2.0388		2.2206			2.1673	2.7905	19.1086			
10	S	177.665	181.300	167.043	160.720	171.023	178.819	164.316	155.252	168.103	168.427			
11	Т	4.0385	2.6177	2.0496		2.2490				2.8221	19.2840			
	S	176.596	181.023	166.163		168.863	179.240	-		166.221	166.895			
12	T	4.0469	2.6252	2.0597	2.6048	2.2302	2.1481	2.6362	2.2189	2.8177	19.3408			
12	S	176.229	180.506	165.348		170.286		159.579	151.641	166.480	166.405			
13	工	4.1006	2.6479	2.0835	2.6428	2.2585	2.1483	2.6002	2.2055	2.8090	19.3957			
	S	173.921	178.958	163.460	-	168.153	177.096			166.996	165.934			
14	T	4.0984	2.6428	2.0936	-	2.2387	2.1447	2.5852		2.8009	19.3068			
	S	174.015	179.304	162.671		169.640			154.100	167.479	166.698			
15	T	4.1190	2.6503	2.0977		2.2437	2.1518	•		2.7964	19.3456			
	S	173.144	178.796	162.353		169.262	176.808		153.938	167.748	166.363			
16	Т	4.1153	2.6439	2.1115		2.8682	2.8841	4.0063	3.9558	5.0426	26.4917			
	S	173.300	179.229	161.292		132.408	131.914			93.026	121.487			
17	Т	6.3213	3.8678	3.5778		3.2058	2.9931	3.8520		3.6187	28.3777			
	S	112.822	122.515	95.189		118.464	127.111	109.211	103.733	129.630	113.413			
18	T	6.7849	4.1635	3.7083	4.8673	4.8566	4.9088	5.2120		6.2039	38.6959			
	S	105.113	113.814	91.839		78.197	77.505	80.714		75.612	83.172			
19	Т	9.7760	6.6444	4.4706		4.6248		4.5120			42.8402	32.2558		35.2394
	S	72.952	71.318	76.180	79.396	82.117	87.547	93.236			75.126	30.872		80.614

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т						2.7142	3.1621	2.5197	3.1254	45.2527		20.5977	
20	S						140.172	133.039	133.539	150.090	71.121		125.011	
24	Т	5.8368	3.4726	3.4221	4.2973	4.3822	4.6543	4.8529	3.8877	5.1885	34.1576			
21	S	122.187	136.458	99.520	96.863	86.663	81.743	86.687	86.549	90.410	94.222			
22	Т	9.1416	6.1598	4.2932	5.8065	5.5032	5.2003	3.8730	3.7266	6.1238	40.6864			
	S	78.015	76.928	79.327	71.687	69.009	73.160	108.619	90.291	76.601	79.103			
23	Т	9.0314	6.2949	3.7689	4.6876	4.9741	4.3355	4.5301	4.3158	5.8907	38.7976			
	S	78.967	75.277	90.363	88.798	76.350	87.753	92.864	77.964	79.632	82.954			
24	Т	6.8072	4.7161	2.9818	4.5501	3.4633	2.6040	2.7915	2.3320	2.8815	26.3203			
	S	104.769	100.478	114.216	91.482	109.656	146.104	150.701	144.287	162.794	122.278			
25	T	4.1596	2.6610	2.1785	2.7255	2.2392	2.1634	2.7064	2.2585	2.8519	19.7844			
25	S	171.454	178.077	156.332	152.724	169.602	175.860	155.440	148.983	164.484	162.674			
26	LT	4.1820	2.6626	2.1897	2.6826	2.2470	2.1895	2.6912	2.2274	2.8050	19.6950			
20	S	170.536	177.970	155.532	155.167	169.013	173.763	156.318	151.063	167.234	163.412			
27	T	4.1458	2.6717	2.1071	2.6430	2.2238	2.1195	2.6997	2.2354	2.8392	19.5394			
	S	172.025	177.364	161.629	157.491	170.776	179.502	155.825	150.522	165.219	164.713			
28	工	4.2239	2.6662	2.2498	2.7707	2.2927	2.2542	2.7243	2.1879	2.7887	19.9345			
	S	168.844	177.730	151.377	150.233	165.644	168.776	154.418	153.790	168.211	161.449			
29	ഥ	4.1719	2.6618	2.1896	2.8473	2.3472	2.1758	2.6266	2.1437	2.7571	19.7491		<u> </u>	
	S	170.949	178.024	155.539	146.191	161.798	174.857	160.162	156.961	170.139	162.964		<u> </u>	
30	ഥ	4.1166	2.6567	2.0901	2.5697	2.1828	2.0768	2.6179		2.7638	19.1595		<u> </u>	
	S	173.245	178.366	162.943	161.984	173.984	183.193	160.694	152.826	169.727	167.979			
31	ഥ	4.0226	2.6093	2.0470	2.6175	2.2013	2.3117	2.6714			19.6037			
<u> </u>	S	177.294	181.606	166.374	159.026	172.522	164.578	157.476	148.778	162.659	164.173			
32	ഥ	4.0521	2.6384	2.0507	2.6263	2.2102	2.2014	2.7323	2.2886	2.8402	19.5881			
	S	176.003	179.603	166.074	158.493	171.827	172.824	153.966	147.023	165.161	164.304			
33	፲	4.0411	2.6267	2.0504	2.6894	2.2445	2.2073	2.6888		2.8775	19.6347			
<u> </u>	S	176.482	180.403	166.098	154.774	169.201	172.362	156.457	149.539	163.020	163.914			
34	T	4.0466	2.6402	2.0495	2.7346		2.1770	2.6930		2.7664	19.5348			
<u> </u>	S	176.242	179.480	166.171	152.216		174.761	156.213	151.826	169.567	164.752			
35	I	4.2369	2.7091	2.1896	2.8100	-	2.2324	2.7704	2.2621	2.8451	20.1757			
	S	168.326	174.916	155.539	148.132	161.125	170.424	151.849	148.746	164.877	159.519			+
36	T	4.2884	2.7526	2.1973	2.7293	2.2962	2.1773	2.7279		2.8677	20.0444			
<u> </u>	S	166.305	172.151	154.994	152.512	165.392	174.737	154.215	146.543	163.577	160.564			
37	I	4.0580	2.6441	2.0672	2.7511	2.2681	2.1595	2.6412	2.2808	2.8605	19.6725			
<u> </u>	S	175.747	179.215	164.749	151.303	167.441	176.177	159.277	147.526	163.989	163.599			+
38	듸	4.0612	2.6467	2.0565	2.7350		2.1526	2.6484		2.8163	19.5875			
	S	175.609	179.039	165.606	152.194	167.959	176.742	158.844	148.169	166.563	164.309		1	

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	4.0557	2.6303	2.0706	2.6833	2.2776	2.1661	2.6603	2.3174	2.8878	19.6934			
39	S	175.847	180.156	164.478	155.126	166.743	175.640	158.133	145.196	162.439	163.425			
40	Т	4.0892	2.6609	2.0707	2.6931	2.2925	2.1652	2.6437	2.3545	2.8686	19.7492			
40	S	174.406	178.084	164.470	154.562	165.659	175.713	159.126	142.908	163.526	162.964			
41	T	4.1012	2.6464	2.1256	2.7379	2.2638	2.1849	2.6976	2.3091	2.8926	19.8579			
41	S	173.896	179.060	160.222	152.033	167.759	174.129	155.947	145.718	162.169	162.072			
42	T	4.0907	2.6565	2.0862	2.7630	2.3038	2.1743	2.6188	2.2909	2.8864	19.7799			
42	S	174.342	178.379	163.248	150.651	164.846	174.978	160.639	146.876	162.518	162.711			
43	T	4.1260	2.6660	2.1234	2.7783	2.2954	2.1850	2.7400	2.3186	2.8353	19.9420			
5	S	172.851	177.743	160.388	149.822	165.449	174.121	153.534	145.121	165.447	161.388			
44	T	4.1478	2.6506	2.1826	2.7881	2.2821	2.1670	2.7956	2.4614	2.9440	20.2714			
	S	171.942	178.776	156.038	149.295	166.414	175.567	150.480	136.702	159.338	158.766			
45	┸	4.2118	2.7069	2.1790	2.8618		2.2071	2.8054	2.3740	2.9135	20.3771			
43	S	169.329	175.058	156.296	145.450		172.378	149.954	141.734	161.006	157.942			
46	T	4.2435	2.7101	2.2190	2.8620	2.3706	2.2854	2.9651	2.4637	2.9667	20.8426			
10	S	168.065	174.851	153.478	145.440	160.201	166.472	141.878	136.574	158.119	154.415			
47	工	4.2410	2.7169	2.2013	2.8199	2.3081	2.1928	2.8056	2.3218	2.8757	20.2421			
	S	168.164	174.413	154.712	147.612	164.539	173.502	149.944	144.921	163.122	158.995			
48	口	4.1325	2.6580	2.1424	2.8139	2.3144	2.2128	2.8369	2.3194	2.8530	20.1508			
	S	172.579	178.278	158.966	147.926		171.934	148.289	145.071	164.420	159.716			
49	口	4.1489	2.6575	2.1629	2.8555		2.2142	2.8406	2.3678	2.9196	20.3583			
	S	171.897	178.312	157.459	145.771	162.282	171.825	148.096	142.105	160.670	158.088			
50	口	4.3866	2.8026	2.2733	2.8601		2.2387	2.7926	2.4049	2.9632	20.6796			
	S	162.582	169.080	149.812	145.537		169.944	150.642	139.913	158.306	155.632			
51	L	5.3164	3.2471	3.0526	4.1708		3.1066	3.8101	3.3008	4.3752	28.5061			
	S	134.148	145.934	111.567	99.801	110.306	122.467	110.412	101.938	107.216	112.902			
52	I	6.2869	4.0624	3.2197	4.0762	3.1993	3.1576	3.8056	3.1851	4.8163	29.5222			
<u> </u>	S	113.439	116.646	105.776	102.117	118.705	120.489	110.543	105.641	97.397	109.016			
53	I	7.6354	4.8099	4.0366	4.8013	5.3699	6.0487	5.8155	4.4865	6.0728	41.4412			
<u> </u>	S	93.405	98.518	84.370	86.695	70.722	62.899	72.338	74.998	77.245	77.662			
54	I	9.7483	6.3099	4.8272	5.4022	5.7903	5.0497	5.2990	4.2481	6.4358	43.3622			
	S	73.160	75.098	70.552	77.052	65.588	75.342	79.389	79.207	72.888	74.221			
55	I	10.2344	6.5522	5.1332	6.3420	5.6847	6.2649	8.7121			70.5437	1646.8259		51.5731
<u> </u>	S	69.685	72.321	66.346	65.634	66.806	60.728	48.287			45.623	0.605		55.083
56	I						3.9768	4.3000	3.2699	4.4471	1655.2635		27.4082	
<u> </u>	S						95.669	97.833	102.901	105.482	1.944		93.948	4
57	I	8.2970	5.4807	4.0258	4.6263	4.1249	4.4959	5.1636	4.3260	5.0768	37.3200			
	S	85.957	86.460	84.596	89.975	92.068	84.623	81.471	77.780	92.399	86.238			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
FO	Т	7.5938	5.3090	3.1907	3.7439	4.0662	4.0212	4.3845			39.5382	32.6408		31.4169
58	S	93.916	89.257	106.738	111.181	93.397	94.612	95.948			81.400	30.508		90.423
59	Т						3.7030	4.0053	3.3851	4.4572	51.6944		27.1749	
59	S						102.742	105.031	99.400	105.243	62.258		94.754	
60	Т	6.4681	4.2794	3.1453	3.7077	2.9888	3.1393	3.5854	3.1179	6.4092	30.3730			
00	S	110.261	110.731	108.278	112.266	127.065	121.191	117.332	107.918	73.190	105.963			
61	Т	11.0903	8.1553	4.1019	4.2964	5.3752	6.4820	4.8758	4.3787	5.7633	43.4286			
01	S	64.307	58.105	83.027	96.883	70.653	58.694	86.280	76.844	81.393	74.108			
62	Т	7.0902	4.6115	3.5721	4.4803	4.0293	4.2521	4.3119	3.8088	5.2107	34.2767			
02	S	100.587	102.757	95.341	92.907	94.253	89.475	97.563	88.342	90.025	93.895			
63	Т	9.4822	7.0036	3.5325	4.2778	5.7749	6.1851	4.9875	4.2373	6.9880	42.9867			
03	S	75.213	67.660	96.410	97.305	65.763	61.511	84.347	79.408	67.128	74.870			
64	T	9.6920	6.9782	3.8889	4.3845	4.7596	4.8049	5.1145	3.5038	5.2344	38.6688			
04	S	73.585	67.906	87.574	94.937	79.791	79.181	82.253	96.032	89.617	83.230			
65	Т	7.0597	4.9606	3.0204	3.6545	3.4580	3.8638	3.9927	2.6422	2.9616	28.5538			
03	S	101.022	95.525	112.756	113.901	109.824	98.466	105.363	127.347	158.391	112.714			
66	T	4.4484	2.7882	2.3879	2.8345	2.2765	2.3706	2.9833	2.4124	3.0247	21.0781			
	S	160.323	169.953	142.622	146.851	166.823	160.489	141.012	139.478	155.087	152.689			
67	T	4.3666	2.7920	2.2805	2.8058	2.2648	2.2129	2.7121	2.1923	2.7854	20.0458			
	S	163.327	169.722	149.339	148.353	167.685	171.926	155.113	153.481	168.411	160.552			
68	T	4.0785	2.6278	2.0825	2.5814	2.2051	2.1710			2.8109	19.3224			
00	S	174.864	180.327	163.538	161.250		175.244	160.694	151.171	166.883	166.563			
69	I	4.0626	2.6098	2.1122	2.6799		2.1247	2.7848		2.8106	19.6209			
	S	175.548	181.571	161.239	155.323		179.063	151.064	147.171	166.901	164.029			
70	I	4.0884	2.6248	2.1041	2.5795	2.2028	2.1585	2.5988		2.7797	19.2135			
	S	174.440	180.533	161.859	161.368	-	-	161.875	155.395	168.756	167.507			
71	T	4.1233	2.6649	2.0904	2.6888					2.7838	19.4521			
/-	S	172.964	177.817	162.920	154.809		175.827	161.770	154.284	168.507	165.453			
72	T	4.0103	2.6039	2.0437	2.7389			2.6195	2.1868	2.7546	19.3571			
	S	177.838	181.982	166.643	151.977		177.360	160.596	153.867	170.294	166.265			
73	T	3.9880	2.5894	2.0346	2.7040	-	2.1490	-		2.8337	19.4778			
	S	178.832	183.001	167.388	153.939		177.038	159.682	147.352	165.540	165.234			
74	ㅁ	4.0314	2.6379	2.0082	2.6673		2.1503	2.6903	2.2303	2.7732	19.4354			
ļ.,	S	176.907	179.637	169.589	156.057		176.931	156.370	150.866	169.151	165.595			
75	ፗ	3.9854	2.6031	2.0003	2.6364		2.1736	•		2.8323	19.3307			
<u> </u>	S	178.949	182.038	170.259	157.886	-			150.428	165.622	166.492			
76	T	4.0697	2.6442	2.0603	2.6861					2.8838	19.5387			
	S	175.242	179.209	165.300	154.964	166.545	175.730	163.893	149.399	162.664	164.719			

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	T	4.0923	2.6686	2.0597	2.6813	2.2773	2.1821	2.6793	2.3292	2.9031	19.7806		1	1
77	S	174.274	177.570	165.348	155.242	166.764	174.352	157.012	144.460	161.583	162.705			
70	Т	4.0968	2.6741	2.0667	2.7668	2.3151	2.2033	2.6460	2.2808	2.8534	19.8062			
78	S	174.083	177.205	164.788	150.445	164.042	172.675	158.988	147.526	164.397	162.495			
79	Т	4.0963	2.6511	2.0928	2.7318	2.2889	2.1771	2.6589	2.2436	2.8339	19.6781			
79	S	174.104	178.742	162.733	152.372	165.919	174.753	158.216	149.972	165.528	163.552			
80	T	4.0981	2.6566	2.0739	2.6624	2.2731	2.1938	2.6365	2.2665	2.8470	19.6098			
80	S	174.027	178.372	164.216	156.344	167.073	173.423	159.561	148.457	164.767	164.122			
81	Т	4.0723	2.6457	2.0658	2.6586	2.2625	2.1571	2.6225	2.2992	2.8820	19.5934			
01	S	175.130	179.107	164.860	156.567	167.855	176.373	160.413	146.345	162.766	164.259			
82	Т	4.0862	2.6624	2.0587	2.6513	2.2661	2.1592	2.6194	2.2703	2.8461	19.5335			
02	S	174.534	177.984	165.429	156.998	167.589	176.202	160.602	148.208	164.819	164.763			
83	T	4.0922		2.0868	2.6949	2.2811	2.1834	2.6356	2.2871	2.8576	19.6781			
- 65	S	174.278	178.709	163.201	154.458		174.249	159.615	147.120	164.156	163.552			
84	T	4.0932		2.0829	2.6755	2.2666	2.1801	2.6520	2.2783	2.8497	19.6403			
0+	S	174.236	178.466	163.507	155.578	167.552	174.512	158.628	147.688	164.611	163.867			
85	T	4.0826	2.6438	2.0842	2.6480	2.2515	2.1711	2.6460	2.2777	2.8880	19.6103			
	S	174.688	179.236	163.405	157.194	168.675	175.236	158.988	147.727	162.428	164.118			
86	口	4.0756	2.6627	2.0497	2.6985	2.2795	2.1860	2.6946	2.2839	2.8806	19.7355			
	S	174.988	177.964	166.155	154.252	166.604	174.041	156.120	147.326	162.845	163.077			
87	I	4.1486				2.3048					19.9439			
	S	171.909				164.775	172.526		144.665		161.373			
88	ፗ	4.1747				2.2957	2.2349				20.3330			
	S	170.834		•		165.428		•	141.169		158.285	-		
89	ፗ	4.1290					2.2025		2.3144		20.0467			
	S	172.725	-		147.194				145.384		160.545		1	
90	ፗ	4.1624			2.7136		2.2205			-	19.9521			
	S	171.339			153.394		171.337				161.306			
91	ᄪ	4.1484				2.2643	2.2023	+	•	2.8942	19.9313	-		+
	S	171.917		159.547	155.172	167.722	172.753		142.412		161.475			
92	I	4.1528	-		2.6947	2.2800				-	19.9669			
	S	171.735			154.470		170.462		145.939		161.187			
93	ፗ	4.1905		2.1859		2.2998					20.2282			
	S	170.190		155.802	151.413	165.133	170.814		142.835		159.105	•		+
94	ፗ	4.1988									20.2483			
	S	169.854			-	164.148			142.442	-	158.947		4	4
95	ፗ	4.1693									20.0964			
	S	171.056	176.887	158.044	152.764	165.956	169.778	151.368	145.215	161.078	160.148			

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	T	4.2011	2.7024	2.1600	2.7647	2.3182	2.2192	2.7704	2.3314	2.8893	20.1556			
96	S	169.761	175.349	157.670	150.559	163.822	171.438		144.324	162.355	159.678			
0.7	Т	4.2006	2.6896	2.1808	2.7449	2.3103	2.2190	2.7749	2.3100	2.8860	20.1155			
97	S	169.781	176.184	156.167	151.645	164.382	171.453	151.603	145.661	162.540	159.996			
98	Т	4.2268	2.7004	2.1977	2.7599	2.3110	2.2215	2.7829	2.2712	2.8549	20.0995			
90	S	168.729	175.479	154.966	150.821	164.333	171.260	151.167	148.150	164.311	160.123			
99	T	4.2864	2.7414	2.2142	2.7882	2.4093	2.3855	3.0453	2.4257	2.9458	20.9554			
23	S	166.382	172.855	153.811	149.290	157.628	159.486	138.141	138.713	159.241	153.583			
100	Т	4.3755	2.7757	2.2910	2.8669	2.3583	2.2332	2.8171	2.4042	2.9628	20.7092			
100	S	162.994	170.719	148.655	145.192	161.037	170.363	149.332	139.954	158.327	155.409			
101	Т	4.2331	2.7023	2.2168	2.7543	2.2717	2.2073	2.8342	2.3032	2.8707	20.1605			
101	S	168.477	175.356	153.631	-	167.176	172.362	148.431		163.406	159.639			
102	Т	4.2786	2.7241	2.2246	2.7799	2.3314	2.2715	2.7951	2.3180	2.8910	20.3356			
102	S	166.686	173.952	153.092		162.895	167.490			162.259	158.264			
103	T	4.3051	2.7107	2.2873	2.8173	2.4402	2.2893	2.8122	2.3123	2.8773	20.5466			
103	S	165.660	174.812	148.895	147.748	155.632	166.188	149.592	145.516	163.032	156.639			
104	T	4.1116	2.6546	2.1117	2.7541	2.3157	2.2149	2.7005	2.3065	2.8949	19.9529			
104	S	173.456	178.507	161.277	151.138	163.999	171.771	155.779	145.882	162.040	161.300			
105	I	4.1381	2.6746	2.1150	2.6869	2.2789	2.2057	2.7141	•	2.8779	19.8444			
	S	172.345	177.172	161.025		166.647	172.487	154.999		162.998	162.182		ļ	
106	I	4.1018	2.6621	2.0825	-	2.3016	2.1778			2.8770	19.7912			
100	S	173.870	178.004	163.538	-	165.004	174.697	157.647		163.049	162.618			
107	ፗ	4.1364		2.1154		2.2889	2.2094			2.9492	20.0330			
107	S	172.416	•	160.995		165.919	172.198	•	•	159.057	160.655			
108	ፗ	4.1612	2.6933	2.1195		2.2730	2.1921	2.7103	-	2.8514	19.8029			
	S	171.388	175.942	160.683	155.149	167.080	173.557	155.216		164.512	162.522			
109	ፗ	4.0939		2.1022		2.3372	2.2244			2.8666	20.0671			
	S	174.206	179.100	162.006		162.490	171.037			163.640	160.382			
110	ፗ	4.1948	2.6826	2.1784	+	2.2899	2.2111	2.7428		2.9164	20.0641			
	S	170.016		156.339		165.847	172.066			160.846	160.406			
111	T	4.1252	2.6742	2.0972		2.3088	2.2115			2.8668	19.9420			
	S	172.884	177.198	162.392		164.489	172.035			163.629	161.388			
112	ፗ	4.1417	2.6700			2.3190				2.8770	19.9916			
	S	172.195	177.477	160.222		163.766	173.518	+	145.964	163.049	160.988			
113	ፗ	4.1412	2.6777	2.1172		2.3100	2.2095			2.9169	20.0230			
	S	172.216	176.967	160.858		164.404	172.190			160.818	160.735			
114	T	4.1559				2.3464				2.9601	20.2496			
117	S	171.607	176.459	160.358	149.881	161.853	170.883	153.371	140.939	158.471	158.936			

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	T	4.2730	2.7296	2.2225	2.7736	2.3147	2.2199	2.8152	2.3765	2.9279	20.3799			1
115	S	166.904	173.602	153.237	150.076	164.070	171.384	149.432	141.585	160.214	157.920			
116	Т	4.1608	2.6891	2.1246	2.8033	2.3629	2.2556	2.8299	2.3731	2.9210	20.3595			
116	S	171.405	176.216	160.298	148.486	160.723	168.671	148.656	141.788	160.593	158.079			
117	Т	4.1858	2.6990	2.1626	2.8475	2.3677	2.2483	2.8301	2.3901	2.9434	20.4887			
11/	S	170.381	175.570	157.481	146.181	160.397	169.219	148.646	140.780	159.370	157.082			
118	T	4.2149	2.7141	2.1882	2.9964	2.4223	2.2755	2.8680	2.4648	2.9884	20.9177			
110	S	169.205	174.593	155.639	138.917	156.782	167.196	146.681	136.513	156.971	153.860			
119	Т	4.2683	2.7421	2.2060	2.9020	2.3803	2.2591	2.8906	2.4656	3.0047	20.8504			
119	S	167.088	172.810	154.383	143.436	159.548	168.410	145.534	136.469	156.119	154.357			
120	Т	4.3078	2.7529	2.2634	2.9974	2.3832	2.2835	2.8695	2.4940	3.0733	21.1172			
120	S	165.556	172.133	150.468	138.870	159.354	166.610	146.605	134.915	152.634	152.407			
121	Т	4.3862	2.7811	2.3251	2.8468	2.3460	2.2501	2.8794	2.3971	2.9507	20.7763			
121	S	162.597	170.387	146.475	146.217	161.881	169.083		140.368	158.976	154.907			
122	T	4.1768	2.7003	2.1475	2.9049	2.3991	2.2866	2.8713	2.4921	3.0769	20.8787			
122	S	170.748	175.486	158.588	143.292	158.298	166.384	146.513	135.018	152.456	154.148			
123	T	4.3275	2.7651	2.2729	2.8972	2.3727	2.3267	2.9421	2.4033	2.9580	20.9380			
123	S	164.802	171.373	149.839	143.673	160.059	163.517	142.987	140.006	158.584	153.711			
124	I	4.2672	2.7266	2.2215	2.8695	2.3597	2.2726	2.8240	2.3758	2.9672	20.6169			
	S	167.131	173.793	153.306	145.060	160.941	167.409	148.967	141.627	158.092	156.105			
125	ፗ	4.2424			2.8698	2.3856					20.6830			
123	S	168.108	174.151	155.291	145.045	159.194	168.469				155.606			
126	ㅁ	4.2061	2.7124				2.2416		2.4047	2.9702	20.5497			
120	S	169.559	174.703	•	146.392	162.109				157.932	156.615	-		
127	ፗ	4.3585	2.7563								21.3769			
	S	163.630	171.920	146.645	140.535	159.327	165.365	-	132.398	154.316	150.555			
128	ፗ	4.5406					2.2609				21.2378			
	S	157.068	162.482		141.635	158.074	168.276			153.559	151.541			+
129	ፗ	4.3223	2.7846			2.4113	2.2984			3.0131	21.0006			+
	S	165.001	170.173		143.986	157.497	165.530	-		155.684	153.253			
130	T	4.3151	2.7695		2.8916	2.3674					20.8078			
	S	165.276	171.101	152.100	143.951	160.418				157.895	154.673			
131	ፗ	4.2736				2.3411	2.2623				20.6496			
	S	166.881	173.322	153.437	146.237	162.220			140.094	159.343	155.858			+
132	ፗ	4.2516	•		2.8660		2.2594		2.3593		20.6143			
	S	167.744			145.237	160.316			142.617	161.089	156.125			
133	T	4.2346		2.2116		2.3715					20.6367			
133	S	168.418	174.941	153.992	144.456	160.140	167.255	146.584	141.205	159.778	155.955			

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	T	4.2151	2.7001	2.2025	2.9123	2.3763	2.2511	2.8835	2.3773	2.9161	20.6192			
134	S	169.197	175.499	154.628	142.928	159.817	169.008	145.893	141.538	160.862	156.088			
125	Т	4.2251	2.6990	2.2271	2.9073	2.3655	2.2609	2.8791	2.4170	2.9734	20.7293			
135	S	168.796	175.570	152.920	143.174	160.546	168.276	146.116	139.213	157.762	155.258			
136	Т	4.2877	2.7454	2.2389	2.9038	2.3689	2.2823	2.8833	2.4457	2.9842	20.8525			
136	S	166.332	172.603	152.114	143.347	160.316	166.698	145.903	137.579	157.192	154.341			
137	T	4.3165	2.7475	2.2856	2.9082	2.3841	2.2853	2.9285	2.4310	2.9651	20.9353			
137	S	165.222	172.471	149.006	143.130	159.294	166.479	143.651	138.411	158.204	153.731			
138	T	4.2915	2.7398	2.2371	2.9331	2.4014	2.2807	2.8749	2.4747	3.0086	20.9503			
136	S	166.185	172.956	152.236	141.915	158.146	166.815	146.329	135.967	155.917	153.621			
139	T	4.3280	2.7599	2.2746	2.8834	2.3667	2.2574	2.8828	2.4970	3.0175	20.9393			
139	S	164.783	171.696	149.727	144.361	160.465	168.537	145.928	134.753	155.457	153.701			
140	LT	4.2797	2.7417	2.2390	2.9950	2.4257	2.3586	3.0414	2.4670	3.0001	21.2685			
140	S	166.643			138.982	156.562	161.305	•	136.391	156.358	151.322			
141	工	4.3243	2.7541	2.2715	2.9080	2.3965	3.0626	4.4793			30.9644	31.6350		23.3675
171	S	164.924	172.058	149.931	143.140	158.470	124.226	93.917			103.939	31.478		121.570
142	T						2.5783	3.0165	2.3339	2.8772	43.2979		19.2598	
172	S						147.560	139.460	144.170	163.037	74.332		133.695	
143	ഥ	4.1642	2.6869	2.1459	2.6528	2.2433	2.1807	2.6183	2.2204	2.8204	19.5687			
143	S	171.265	176.361	158.706	156.910	169.292	174.464	160.670	151.539	166.321	164.467			
144	ഥ	4.0337	2.6308		-	2.2280	2.1440	2.5635	2.1187	2.7472	19.0727			
	S	176.806		167.553	159.611	170.455	177.451	164.104	158.813	170.752	168.744			
145	ഥ	4.0167				2.2620	2.1918		2.2127	2.8081	19.3513			
143	S	177.554			158.710	167.892	173.581	161.416		167.049	166.314			
146	ഥ	4.0430					2.1395				19.2285			
1-10	S	176.399	-	164.693	158.759	169.822	177.824		154.305	167.880	167.377			
147	ፗ	4.0080			2.6890	2.2600	2.1311	2.5513	2.2027	2.8178	19.2891			
	S	177.940		168.390	154.797	168.041	178.525		152.757	166.474	166.851			
148	ഥ	4.0306				2.2593	2.1349		2.2305	2.8312	19.3049			
	S	176.942		166.831	156.927	168.093	178.207	166.508	150.853	165.686	166.714			
149	ፗ	4.0526	-		-	2.2426					19.2378			
	S	175.981	179.814		158.832	169.345	179.409		152.218	166.397	167.296			
150	ㅁ	4.0235			2.6418						19.2223			
	S	177.254	·	168.581	157.563	168.563	179.181	165.109	153.062	166.865	167.431			
151	ㅁ	4.0555		2.0604	2.6565	2.2584	2.1742				19.4741			
	S	175.855		165.292	156.691	168.160	174.986		151.799	166.032	165.266			
152	ഥ	4.0923			2.6515	2.2503			2.2758		19.6224			
	S	174.274	179.256	162.928	156.987	168.765	175.365	158.020	147.850	162.918	164.017			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap			SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
450	T	4.0507	2.6490	2.0367	2.6812	2.2709	2.2202	2.8342	2.2803	2.8573	19.8298			
153	S	176.064	178.884	167.216	155.248	167.234	171.360	148.431	147.558	164.173	162.301			
454	Т	4.2105	2.6716	2.2569	2.9305	2.3863	2.2930	2.8128	2.2635	2.8422	20.4568			
154	S	169.382	177.371	150.901	142.041	159.147	165.920	149.560	148.654	165.045	157.327			
155	Т	4.3564	2.7213	2.3528	2.8502	2.3348	2.2202	2.7900	2.2702	2.8493	20.3888			
155	S	163.709	174.131	144.750	146.042	162.657	171.360	150.782	148.215	164.634	157.851			
156	Т	4.0880	2.6313	2.1134	2.7551	2.3048	2.1944	2.7159	2.2494	2.8381	19.8024			
130	S	174.457	180.087	161.147	151.083	164.775	173.375	154.896	149.585	165.283	162.526			
157	Т	4.1338	2.6537	2.1440	2.7350	2.2948	2.1969	2.6780	2.1908	2.7991	19.6923			
137	S	172.525	178.567	158.847	152.194	165.493	173.178	157.088	153.586	167.586	163.434			
158	Т	4.0995	2.6283	2.1299	2.7011	2.2728	2.1694			2.8535	19.6855			
130	S	173.968	180.293	159.899	154.104	167.095	175.373	157.967	148.398	164.391	163.491			
159	Т	4.0635	2.6501	2.0439	2.6458	2.2596	2.1446	2.6285	2.2629	2.8835	19.5189			
139	S	175.509	178.810	166.627	157.325	168.071	177.401	160.046	148.693	162.681	164.886			
160	Т	4.0848	2.6547	2.0653	2.6645	2.2720	2.1777	2.6823	2.1837	2.8023	19.5025			
100	S	174.594	178.500	164.900	156.221	167.153	174.705	156.836	154.086	167.395	165.025			
161	Т	4.1009	2.6332	2.1197	2.7221	2.2852	2.1935	2.7140	2.2295	2.8178	19.7150			
101	S	173.909	179.957	160.668	152.915	166.188	173.446	155.004	150.921	166.474	163.246			
162	T	4.1568	2.6564	2.1662	2.7091	2.2774	2.2280	2.7556	2.2479	2.8303	19.8709			
102	S	171.570	178.386	157.219	153.649	166.757	170.761	152.664	149.685	165.739	161.965			
163	Т	4.1652	2.6668	2.1635	2.7577	2.3056	2.2415	2.8528	2.3147	2.8780	20.1806			
103	S	171.224	177.690	157.415	150.941	164.718	169.732	147.463	145.365	162.992	159.480			
164	Т	4.4142	2.7655	2.3843	2.9506	2.3944	2.2815	2.8633	2.2918	2.8794	20.8108			
104	S	161.565	171.348	142.838	141.073	158.609	166.756	146.922	146.818	162.913	154.650			
165	Т	4.3258	2.7473	2.2673	2.8207	2.3270	2.1974	2.6928	2.2759	2.8568	20.1852			
105	S	164.867	172.483	150.209	147.570	163.203	173.139	156.225	147.844	164.202	159.444			
166	Т	4.1525	2.6669		2.7281	2.2946	2.1986	2.7026	2.2286	2.8235	19.7835			
100	S	171.748	177.683	159.099	152.579	165.507	173.044	155.658	150.981	166.138	162.681			
167	Т	4.0722	2.6323	2.0868	2.7253	2.2936	2.2001	2.6902	2.2168	2.8418	19.6869			
107	S	175.134	180.019	163.201	152.735		172.926	156.376	151.785	165.068	163.479			
168	Т	4.0635	2.6374	2.0713	2.7195	2.2986	2.1736	2.6598	2.2547	2.8411	19.6560			
100	S	175.509	179.671	164.422		165.219	175.034	158.163	149.234	165.109	163.736			
169	Т	4.0754	2.6420	2.0819	2.7260		2.1711	2.6489	2.2545	2.8467	19.6723			
103	S	174.997	179.358	163.585	152.696	165.032	175.236	158.814	149.247	164.784	163.601			
170	Т	4.0709	2.6451	2.0635	2.7239	2.3028	2.1700	2.6468	2.2531	2.8510	19.6562			
1/0	S	175.190	179.148		152.814	164.918	175.325	158.940	149.340	164.536	163.735			
171	Т	4.0714	2.6459	2.0682	2.7179	2.2967	2.1676	2.6356	2.2722	2.8523	19.6564			
171	S	175.169	179.094	164.669	153.151	165.356	175.519	159.615	148.084	164.461	163.733			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.0896	2.6502	2.0898	2.7433	2.2990	2.1728	2.6540	2.2823	2.8665	19.7579		1	
172	S	174.389	178.803	162.967	151.733	165.190	175.099	158.509	147.429	163.646	162.892			
470	Т	4.0972	2.6558	2.1008	2.8083	2.3269	2.2227	2.7214	2.2879	2.8742	19.9980			
173	S	174.066	178.426	162.114	148.221	163.210	171.168	154.583	147.068	163.207	160.936			
174	Т	4.0832	2.6506	2.0883	2.7769	2.3240	2.1981	2.7115	2.2997	2.8761	19.9252			
1/4	S	174.662	178.776	163.084	149.897	163.413	173.083	155.147	146.314	163.100	161.524			
175	T	4.1072	2.6625	2.1048	2.7730	2.3139	2.1838	2.6861	2.3489	2.9176	19.9906			
1/5	S	173.642	177.977	161.805	150.108	164.127	174.217	156.614	143.249	160.780	160.996			
176	T	4.1158	2.6743	2.0939	2.7892	2.3390	2.2101	2.7258	2.3150	2.9071	20.0544			
170	S	173.279	177.192	162.648	149.236	162.365	172.144	154.333	145.347	161.360	160.483			
177	T	4.0992	2.6646	2.0891	2.8191	2.3411	2.1945	2.7116	2.3139	2.8870	20.0209			
1//	S	173.981	177.837	163.021	147.654	162.220	173.367	155.142	145.416	162.484	160.752			
178	T	4.1251	2.6674	2.1231	2.8991	2.3836	2.2153	2.7340	2.3327	2.8939	20.2491			
176	S	172.888	177.650		143.579	159.327	171.740		144.244		158.940			
179	T	4.1288	2.6716		2.8120	2.3378	2.2178	2.7694	2.3925	2.9256	20.2443			
1/9	S	172.733	177.371	160.827	148.026	162.449	171.546	151.904	140.638		158.978			
180	LT	4.1147		2.1061	3.0228		2.2628		2.3369	-	20.5065			
100	S	173.325	177.205	161.706	137.703	154.310	168.134	153.265	143.984	161.873	156.945			
181	ഥ	4.1009	2.6606	2.1010	2.9279	2.3871	2.2138	2.7028	2.3172	2.8950	20.2054	-		
101	S	173.909	178.104	162.098	142.167	159.094	171.856	155.647	145.209	162.035	159.284			
182	工	4.1566				2.3233	2.1831	2.6985	2.3546	2.9120	20.0721			
102	S	171.578				163.463	174.273		142.902	161.089	160.342			
183	ഥ	4.1200				2.3811	2.2259		2.3352		20.3297			
103	S	173.102	177.877	160.079	142.176				144.089		158.310			
184	ഥ	4.1259			2.9318		2.2336		2.4205		20.5418			
	S	172.855	177.597	160.026	141.978		170.332		139.011	155.380	156.676		1	
185	T	4.6192	2.8453	2.6377	3.6938	3.0832	3.2491	4.7156	4.0769		28.7854	•		
	S	154.395	166.543	129.116	112.689	123.175	117.095		82.533	104.619	111.807			
186	I	6.2456	4.0553	3.1450	4.1122	3.5978	3.9272	4.4140	3.7347	5.0234	32.0096			
	S	114.189	116.850	108.289	101.223	105.557	96.877	95.306	90.095	93.381	100.545			
187	T	7.3036	4.7801	3.6506	4.7988	3.9997	3.9230		4.7461	6.9957	38.4808			
	S	97.648	99.133	93.291	86.740	94.950	96.981	75.299	70.896		83.637		4	
188	T	9.7334	6.2557	4.8754	5.8074	5.2288	5.4084		4.4801	6.0238	44.0656	•		
	S	73.272	75.749	69.854	71.676	72.631	70.345		75.105	77.873	73.037		+	+
189	I	9.8346	6.3643	4.9436	5.5249	4.7406	5.7157		3.7553	5.5423	42.6756			
	S	72.518	74.457	68.891	75.341	80.111	66.563		89.601	84.638	75.415		4	
190	T	9.3423	6.1103		5.5531	4.8548	5.1779		4.4698		43.8154			
	S	76.339	77.552	75.038	74.958	78.226	73.477	63.000	75.278	72.915	73.454	•		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
404	T	9.5581	6.2499	4.6670	5.6665	4.9258	4.6775	4.0848	3.3949	3.9732	37.6396			
191	S	74.615	75.819			77.099		102.987		118.064	85.506			
400	Т	5.8281	3.6407	3.1755	4.0449	3.1901	3.0269	3.8765	3.2610	3.9336	28.1492			
192	S	122.370	130.157	107.249	102.907	119.047	125.691	108.521	103.182	119.252	114.334		1	
400	Т	5.4842	3.4540	2.8942	3.5478	2.8893	2.7654	3.4700	2.8819	4.6124	26.5150			
193	S	130.043	137.193		117.326	131.441	137.577	121.234	-	101.702	121.380		1	
101	Т	9.1022	6.0877	4.2255	5.5236	5.1077	5.1902	5.4216	3.6841	5.2104	40.4508		1	
194	S	78.353	77.840	80.598	75.358	74.353	73.302	77.594	91.332	90.030	79.563			
105	Т	9.4862	5.9844	4.8868	5.1512	4.9061	4.9140	5.8672			45.3095	30.9511		37.6933
195	S	75.181	79.183	69.691	80.806	77.408	77.423	71.701			71.031	32.173		75.366
106	Т						2.8344	3.2926	2.6962	4.2581	45.7493		22.4144	
196	S						134.228	127.766	124.797	110.164	70.349		114.879	
107	Т	8.6798	5.8903	4.0138	5.3506	5.1289	4.6987	5.4001	4.1010	6.0170	40.6004			
197	S	82.166	80.448	84.849	77.795	74.046	80.970	77.903	82.048	77.961	79.270			
100	Т	8.6393	6.0218	3.7594	4.7855	3.8411	4.1886	4.7952	3.2468	3.2176	33.8560			Ì
198	S	82.551	78.691	90.591	86.982	98.871	90.831	87.730	103.634	145.789	95.061			
100	Т	4.7452	2.9080	2.6165	3.2927	2.5640	2.3841	3.0721	2.4182	2.8986	22.1542			
199	S	150.295	162.952	130.162	126.416	148.117	159.580	136.936	139.144	161.834	145.273			
200	Т	4.2082	2.6772	2.2284	2.6997	2.2447	2.1806	2.7261	2.2174	2.8038	19.7779			
200	S	169.474	177.000	152.831	154.184	169.186	174.472	154.316	151.744	167.305	162.727			
201	Т	4.0950	2.6442	2.0858	2.6500	2.2464	2.1503	2.6205	2.1607	2.7800	19.3379			
201	S	174.159	179.209	163.279	157.075	169.058	176.931	160.535	155.726	168.738	166.430			
202	Т	4.0313	2.6175	2.0564	2.6400	2.2389	2.1194	2.5313	2.1646	2.7659	19.1340			
202	S	176.911	181.037	165.614	157.670	169.625	179.510	166.192	155.445	169.598	168.203			
203	Т	3.9985	2.5940	2.0296	2.6016	2.2224	2.1010	2.5292	2.1813	2.7808	19.0399			
203	S	178.362	182.677	167.801	159.998	170.884	181.083	166.330	154.255	168.689	169.035			
204	Т	3.9858	2.5959	2.0157	2.6045	2.2247	2.1361	2.6001	2.1597	2.7743	19.1110			
204	S	178.931	182.543	168.958	159.820	170.707	178.107	161.794	155.798	169.084	168.406			
205	Т	4.0664	2.6205	2.0867	2.7001	2.2706	2.1719	2.6672	2.1572	2.7807	19.4549			
203	S	175.384	180.829	163.209	154.161	167.257	175.171	157.724	155.979	168.695	165.429			
206	Т	4.1976	2.6669	2.1991	2.6852	2.2681	2.1828	2.6076	2.1362	2.7687	19.5146			
200	S	169.902	177.683	154.867	155.016	167.441	174.297	161.329	157.512	169.426	164.923			
207	Т	4.0270	2.6169	2.0358	2.6343	2.2522	2.1135	2.4534	2.1433	2.7729	19.0223			
207	S	177.100	181.078	167.290	158.012	168.623	180.012	171.469	156.990	169.170	169.191			
208	Т	3.9621	2.6008	1.9690	2.5915	2.2282	2.1098	2.5061	2.1568	2.7875	18.9497			
208	S	180.001	182.199	172.965	160.621	170.439	180.327	167.863	156.008	168.284	169.839			
200	Т	4.0179	2.6168	2.0224	2.6076			2.6588	2.1483	2.7773	19.3107			
209	S	177.501	181.085	168.398	159.630	168.765	170.669	158.222	156.625	168.902	166.664			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	T	4.0311	2.6201	2.0397	2.7169	2.3101	2.1758	2.5922	2.1293	2.7578	19.3419			
210	S	176.920	180.857	166.970	153.208	164.397	174.857	162.288	158.022	170.096	166.395			
244	Т	4.0590	2.6054	2.0981	2.6728	2.2670	2.1612	2.6275	2.1546	2.7779	19.3645			
211	S	175.704	181.877	162.322	155.736	167.522	176.039	160.107	156.167	168.865	166.201			
212	Т	4.0442	2.6154	2.0707	2.6981	2.2827	2.1403	2.5705	2.2649	2.8907	19.5333			
212	S	176.347	181.182	164.470	154.275	166.370	177.758	163.658	148.562	162.276	164.765	j		
213	T	4.1557	2.6791	2.1288	2.6971	2.2820	2.1608	2.5948			19.5362			
213	S	171.615	176.874	159.981	154.332	166.421	176.071	162.125	153.049	167.826	164.740			
214	工	4.0172	2.6171	2.0440	2.7361	2.2893	2.1726		2.1667	2.7887	19.4716			
217	S	177.532	181.064	166.618	152.133	165.890	175.115	158.324	155.295	168.211	165.287	1		
215	T	4.1120	2.6188	2.1850	2.7767	2.2909	2.1538	2.6209	2.2419	2.8467	19.7347	1		
213	S	173.439	180.947	155.866	149.908		176.643	160.510	150.086	164.784	163.083			
216	ഥ	4.0471	2.6357			2.3274	2.2162	2.6486			19.4953			
	S	176.220	179.787	166.798	154.127	163.175	171.670	158.832	156.523		165.086			<u> </u>
217	ഥ	4.0995	2.6201	2.1406	2.7342	2.2956			2.2613		19.7705			
	S	173.968	180.857	159.099	152.238	165.435	172.261	159.168	148.798		162.788			
218	L	4.0847	2.6510		2.7180		2.2452	2.6942	2.2987		19.8800			
	S	174.598	178.749		153.146		169.452	156.144	146.377	161.878	161.891			
219	ፗ	4.1331	2.6675		2.9069	•	2.2029		•	•	20.2621	•		
	S	172.554	177.643		143.194		172.706	152.875	143.066		158.838			
220	LT	4.0817	2.6578		2.7629		2.1731	2.6345		-	19.8259			
	S	174.727	178.292		150.657	162.456	175.075	159.682	145.832	-	162.333			
221	ഥ	4.0614		2.0690	2.7450		2.1619				19.7181			
	S	175.600	179.310		151.639	165.377	175.982	160.022	146.377	163.134	163.221			
222	ፗ	4.0894	2.6541	2.0893	2.7686		2.1690				19.8475			
	S	174.398	178.540		150.347	164.546	175.406	157.801	145.127	163.213	162.156			
223	듸	4.0946			2.7854		2.1659		2.3261	2.8757	19.8537			
	S	174.176	178.359		149.440		175.657	159.156			162.106			+
224	듸	4.0941	2.6523		2.7684		2.1728	2.6764	1	+	19.7809			+
	S	174.197	178.661	161.952	150.358	164.675	175.099	157.182	148.601	165.313	162.702			
225	듸	4.1007	2.6426							2.9160	20.1003			
	S	173.917	179.317		146.577	162.171	173.502	155.889	143.505		160.117			
226	듸	4.1142	2.6737	2.0967	2.7792	2.3215	2.1704				19.9183		1	+
	S	173.346	177.231	162.431	149.773	163.589	175.292	157.825	144.809	+	161.580			+
227	듸	4.0878	2.6539		2.7484		2.1646				19.7015			+
	S	174.466	178.554	162.757	151.452	165.054	175.762	158.664	149.785	-	163.358			
228	듸	4.0776			2.7396				2.3269		19.9005			
	S	174.902	179.535	162.850	151.938	165.047	174.777	156.901	144.603	159.322	161.725			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	4.4161	2.8375	2.2411	2.7818	2.3349	2.1913	2.6980	2.2524	2.8463	20.1833	3		
229	S	161.496	167.000	151.965	149.633	162.651	173.620	155.924	149.386	164.807	159.459)		
220	Т	4.0725	2.6450	2.0806	2.8508	2.3619	2.1959	2.6933	2.2705	2.8759	19.9739)		
230	S	175.121	179.154	163.687	146.012	160.791	173.257	156.196	148.195	163.111	161.130)		
231	Т	4.0896	2.6543	2.0936	2.7839	2.3152	2.1768	2.6981	2.3141	2.8853	19.9213	3		
231	S	174.389	178.527	162.671	149.520	164.035	174.777	155.918	145.403	162.580	161.556			
232	Т	4.0799	2.6560	2.0795	2.8139	2.3341	2.1665	2.6469	2.2879	2.8622	19.8470			
232	S	174.804	178.413	163.774	147.926	162.706	175.608	158.934	147.068	163.892	162.161			
233	Т	4.1012	2.6568	2.1060	2.7898	2.3236	2.1753	2.6740	2.2878	2.8677	19.8810			
233	S	173.896	178.359	161.713	149.204	163.442	174.898	157.323	147.075	163.577	161.883	3		
234	Т	4.1110	2.6676	2.0911		2.3364	2.2129	2.7332	2.3361	2.9290	20.1054	H		
234	S	173.481	177.637	162.866	148.709	162.546	171.926	153.915	144.034	160.154	160.076	5		
235	Т	4.1549	2.6896	2.1252	2.7695	2.3225	2.1816	2.7028	2.3963	2.9222	20.1097	7		
233	S	171.648	176.184	160.252	150.298	163.519	174.392	155.647	140.415	160.527	160.042	2		
236	T	4.1266	2.6825	2.1045	2.8063	2.3368	2.1617	2.6264	2.3756	2.9216	20.0154	ł		
230	S	172.826	176.650	161.829		162.518					160.796			
237	T	4.1146	2.6755			2.3308					20.0566			
237	S	173.330	177.112	162.260		162.937				159.224	160.466			
238	L	4.1447	2.6867	2.1246	2.7540	2.3022	2.1822	2.7100	2.2853	2.8832	19.9282	2		
250	S	172.071	176.374	160.298	151.144	164.961	174.344	155.233	147.235	162.698	161.500)		
239	T	4.1088	2.6673	2.1000		2.3364								
233	S	173.574	177.657	162.175		162.546	174.129			162.597	161.331			
240	T	4.1008	2.6654			2.3482								
240	S	173.913	177.783	162.446		161.729		155.589		·	159.749			
241	I	4.1273	2.6767	2.1181	2.8290	•				2.8938	20.1134	1		
	S	172.796	177.033	160.789		162.470	-				160.013		1	
242	T	4.1154	2.6695	2.1094										
<u></u> _	S	173.296	177.510	161.453		162.199							+	
243	П	4.1991	2.7112	2.1664	+	2.4309		1	+	+			+	
	S	169.842	174.780	157.205		156.227	-			160.791	156.734			
244	I	4.1852	2.7012	2.1581		2.4114								
	S	170.406	175.427	157.809		157.491					156.471			
245	T	4.1588	2.6931	2.1393		2.3752							+	+
	S	171.487	175.955	159.196	+	159.891		+		·	157.300			
246	ፗ	4.1883	2.7069		 									
	S	170.280	175.058	157.503		162.449					158.440			
247	Т	4.2790	2.7077	2.2849		2.4256								
	S	166.670	175.006	149.052	138.005	156.569	167.645	149.099	142.569	161.266	154.774	ł		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	4.1465	2.6837	2.1348	2.9736	2.4753	2.2829	2.8799	2.4146	2.9459	20.7907			
248	S	171.996	176.571	159.532	139.982	153.425	166.654	146.075	139.351	159.235	154.800			
249	Т	4.1842	2.7049	2.1594	2.8646	2.3468	2.2265	2.7806	2.3484	2.9075	20.3387			
249	S	170.446	175.187	157.714	145.308	161.826	170.876	151.292	143.279	161.338	158.240			
250	Т	4.1403	2.6774	2.1354	3.0105	2.4348	2.3637	3.0706	2.4554	2.9791	21.1269			
250	S	172.254	176.986	159.487	138.266	155.977	160.957	137.003	137.036	157.461	152.337			
251	Т	4.1756	2.7071	2.1384	2.9391	2.4694	2.2909	2.8732	2.4030	2.9400	20.7611			
251	S	170.797	175.045	159.263	141.625	153.791	166.072	146.416	140.024	159.555	155.021			
252	Т	4.1587	2.6820	2.1559	2.9924	2.4279	2.2510	2.7646	2.4179	2.9620	20.6537			
232	S	171.492	176.683	157.970	139.102	156.420	169.016	152.167	139.161	158.370	155.827			
253	Т	4.1817	2.7022	2.1534	2.8293	2.3323	2.2194		2.3695	2.9131	20.2787			
233	S	170.548	175.362	158.154	147.121	162.832	171.422	152.449	142.003	161.028	158.708			
254	┸	4.1530	2.6829	2.1478	2.9376	2.4007	2.3231	2.8842	2.4096	2.9395	20.7254			
234	S	171.727	176.624	158.566	141.697	158.192	163.770	145.857	139.640	159.582	155.288			
255	T	4.1986	2.6903	2.2002	3.0339	2.5847					30.4356	31.0928		22.8362
233	S	169.862	176.138	154.790	137.200	146.931					105.745	32.027		124.399
256	Т						2.5028	2.9006	2.2591	2.8492	42.4842		18.9908	A
230	S						152.012	145.033	148.943	164.640	75.755		135.589	
257	T	4.1649	2.6766	2.1374	2.7051	2.2802	2.1433	2.5153	2.1564	2.7901	19.4044			
	S	171.236	177.039	159.338	153.876	166.552	177.509	167.249		168.127	165.859			
258	I	4.0175	2.6151	2.0442	2.6350				2.1206	2.7558	19.0861			
230	S	177.519	181.203	166.602	157.970		178.124		158.671	170.220	168.625			
259	I	4.0014	2.6088	2.0171	2.6584				2.1670	2.7858	19.1313			
	S	178.233	181.640	168.841	156.579	168.496	179.460		155.273	168.386	168.227			
260	ፗ	4.0452	2.6222	2.0618	2.6911	2.2582			2.2256	2.7949	19.5169			
	S	176.303	180.712	165.180	154.677	168.175	173.803	157.317	151.185	167.838	164.903			
261	፲	4.3076	2.7116		2.7330				2.9117	3.9091	22.0838			
	S	165.564	174.754	150.255	152.305	168.503	168.694		115.560	120.000	145.736			
262	T	6.8236	4.3538	3.5615	5.0808	5.2103	3.9052	4.1749	3.5810	4.6036	34.4711			
<u> </u>	S	104.517	108.839	95.625	81.926	72.889	97.423	100.765	93.962	101.897	93.365			
263	I	6.5727	4.1422	3.5172	4.1437	4.1777	3.7415	4.0908	3.3730	4.2826	31.4687			
	S	108.507	114.399	96.829	100.454	90.905	101.685	102.836	99.756	109.534	102.273			
264	T	6.8989	4.5271	3.3734	5.9793	8.5492	4.4679	4.6405	4.5145	7.6011	43.6530			
<u> </u>	S	103.376	104.673	100.957	69.615	44.422	85.153	90.654	74.533	61.714	73.727			
265	I	9.2025	6.2448	4.3120	6.4553	7.0524	5.5184	5.7965	4.6440	7.4571	47.4805			
	S	77.499	75.881	78.981	64.482	53.850	68.943	72.575	72.454	62.905	67.784			
266	T	9.2456	6.3652	4.2547	7.1490		6.0722	6.0878	4.7576	6.8962	49.7068			
	S	77.137	74.446	80.045	58.225	46.746	62.655	69.102	70.724	68.022	64.748			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	10.2589	6.9633	4.6847	6.0432	6.3310	4.8100	5.1759	4.5178	5.9579	44.4838	1		
267	S	69.518	68.052	72.698	68.879	59.986	79.097	81.277	74.478	78.734	72.350)		
268	Т	11.1502	7.8310	4.6460	5.9048	7.5549	5.7916	5.4727	5.1559	7.3491	49.7060)		
208	S	63.961	60.511	73.304	70.493	50.268	65.691	76.869	65.261	63.830	64.749)		
269	Т	11.0940	7.7281	4.7026	5.8787	5.7381	5.6093	5.8486	4.9195	7.2058	47.6307	'		
209	S	64.285	61.317	72.421	70.806	66.184	67.826	71.929	68.397	65.099	67.570			
270	Т	10.3140	6.8980	4.8903	5.7549	5.3673	5.6157	6.0456	4.7704	7.1705	46.5127	'		
270	S	69.147	68.696	69.642	72.330	70.757	67.748	69.585	70.534	65.420	69.194	•		
271	Т	10.3376	7.2591	4.2260	4.9773	5.6266	5.4752	4.6453	3.9986	6.2053	42.4134	+		
2/1	S	68.989	65.279	80.589	83.630	67.496	69.487	90.561	84.149	75.595	75.882			
272	Т	8.4406	5.6465	4.0549	5.7360	4.8558	4.7499	5.1810	3.7034	3.3713	37.2988	6		
2/2	S	84.494	83.922	83.989	72.568	78.210	80.097	81.197	90.856	139.142	86.287	'		
273	Т	4.6170	2.9137	2.4717	3.2129	2.5103	2.4185	3.1275	2.6148	3.0708	22.3402			
2/3	S	154.469	162.633	137.787	129.556	151.286	157.310	134.511	128.682	152.759	144.063			
274	Т	4.4596	2.7986	2.4070	3.0088	2.4062	2.3101	2.9366	2.3682	2.8477	21.0832			
2/4	S	159.921	169.322	141.491	138.344	157.831	164.692	143.255	142.081	164.726	152.652			
275	T	4.2592	2.6984	2.2339	2.7284	2.3780	2.3950	2.8652	2.3614	2.9164	20.5767			
2/5	S	167.445	175.609	152.455	152.562	159.703	158.854	146.825	142.491	160.846	156.410			
276	T	4.2638	2.7573		2.8058		2.2604	2.6968	2.2519	2.7942	20.0237	1		
270	S	167.264	171.858	156.785	148.353	166.195	168.313	155.993	149.419	167.880	160.730			
277	T	4.0926	2.6022	2.1690			2.1138				19.2271			
	S	174.261	182.101	157.016	157.295	169.731	179.986	171.791	152.833	167.061	167.389			
278	ഥ	3.9749	2.6070		2.6177	2.2323	2.0984	2.4827	2.1387	2.7746	18.9283			
2/0	S	179.421	181.766			170.126	181.307	169.445	157.328	169.066	170.031			
279	ഥ	3.9617	2.5949	1.9814	2.6978	2.2788	2.1369	2.6016	2.2102	2.8006	19.3022			
	S	180.019	182.613	171.883	154.292	166.655	178.040	161.701	152.238	167.497	166.737	1		
280	LT	3.9975	2.6116				2.1107		2.2250		19.3187			
	S	178.407	181.446				180.250		151.226		166.595			
281	ㅁ	4.0265	2.6196	•	·		2.1212		2.3115	•	19.5022			
	S	177.122	180.892	166.627	151.972	167.729	179.358		145.567		165.028			
282	ፗ	4.0511	2.6376		-						19.4763			
	S	176.046	179.657	165.533	153.225		178.777	161.763	148.936		165.247			
283	ㅁ	4.0422	2.6256		2.7331						19.5179			
	S	176.434	180.478		152.300				149.925	•	164.895	-		
284	ㅁ	4.0852	2.6545		2.7324		2.1491	2.6575			19.6981			
	S	174.577	178.513		-				146.492		163.386			
285	ፗ	4.0638	2.6481								19.5281			
	S	175.496	178.945	165.840	153.615	165.992	176.947	162.488	150.495	164.368	164.809			

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



TAG

Section Data for Car 28 - Hunter-Reay, Ryan

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	4.052	2.6431	2.0419	2.6723	2.2636	2.1323	2.5630	2.2774	2.8557	19.4493			
200	S	175.986	179.283	166.790	155.765	167.774	178.424	164.136	147.746	164.265	165.476			
287	Т	4.0620	2.6550	2.0345	2.6996	2.3083	2.1469	2.5242	2.2913	2.8569	19.5167			
207	S	175.574	178.480	167.397	154.190	164.525	177.211	166.659	146.850	164.196	164.905			
288	Т	4.0699	2.6467	2.0601	2.6573	2.2754	2.1421	2.5807	2.2275	2.8230	19.4128			
200	S	175.233	179.039	165.316	156.644	166.904	177.608	163.011	151.056	166.168	165.788			
289	Т	4.0333	2.6357	2.0348	2.7202	2.2868	2.1400	2.5702	2.2670	2.8569	19.5116			
209	S	176.823	179.787	167.372	153.022	166.072	177.782	163.677	148.424	164.196	164.948			
290	Т	4.0454	2.6459	2.0359	2.7409	2.3024	2.1456	2.5923	2.2945	2.8829	19.6404			
290	S	176.29	179.094	167.281	151.866	164.946	177.318	162.281	146.645	162.715	163.866			
291	Т	4.0729	2.6652	2.0447	2.6790	2.2730	2.1279	2.5848	2.3317	2.8835	19.5898			
291	S	175.104	177.797	166.561	155.375	167.080	178.793	162.752	144.306	162.681	164.290			
292	T	4.0848	2.6664	2.0543	2.7265	2.3160	2.1677	2.6356	2.2905	2.8733	19.7303			
232	S	174.59	177.717	165.783	152.668	163.978	175.511	159.615	146.901	163.259	163.120			
293	I	4.0857	2.6568	2.0762	2.7158	2.2912	2.1422	2.5716	2.2387	2.8287	19.5212			
293	S	174.556	178.359	164.034	153.270	165.753	177.600	163.588	150.300	165.833	164.867			
294	T	4.033	2.6327	2.0358	2.7520	2.3027	2.1423	2.5938	2.2748	2.8586	19.5927			
2,7	S	176.832	179.992	167.290	151.254		177.592	162.187	147.915	164.098	164.265			
295	T	4.0732	2.6471	2.0769	2.7475	2.2950	2.1492	2.6016	2.3135	2.8924	19.7232			
	S	175.09	179.012	163.979	151.501	165.478	177.021	161.701	145.441	162.181	163.178			
296	I	4.0824	2.6589			2.3275	2.1553	2.6063	2.2261	2.8282	19.6849			
	S	174.697				163.168	176.520			165.862	163.496			
297	T	4.0850									19.7964			
	S	174.586	_	162.446		165.133	175.843	1	145.384	163.515	162.575			
298	T	4.1012			-	-	2.1929				20.1695			
	S	173.896					173.494		142.939	159.691	159.568			
299	T	5.0098					5.8458							
	S	142.357	154.984	118.669	89.936	69.092	65.082	53.819						

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 30 - Sato, Takuma

Race

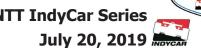
Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	6.6912	9.7600	4.3491	6.1275	4.1579	5.5722	5.1702	5.1335	4.0217	41.2233		34.2803	3
1	S	70.819	73.072	78.308	67.931	91.338	68.277	81.367	65.545	116.640	78.072		75.114	1
	Т	5.0795	8.2062	4.3062	4.8047	4.8838	4.1897	4.3576	3.1665	3.2341	34.0221			
2	S	93.289	86.908	79.088	86.634	77.762	90.807	96.540	106.262	145.045	94.597	'		
	Т	2.8734	4.4435	2.2420	2.6383	2.2172	2.1658	2.5820	2.1003	2.7072	19.5262			
3	S	164.914	160.500	151.904	157.772	171.285	175.665	162.929	160.204	173.275	164.825		1	
	Т	2.5905	3.9875	2.0197	2.5797	2.2079	2.0949	2.4137	2.0761	2.6966	18.6791			
4	S	182.924	178.854	168.623	161.356	172.006	181.610	174.289	162.072	173.956	172.300			
5	T	2.5900	3.9684	1.9921	2.5902	2.2233	2.1101	2.4300	2.1068	2.7153	18.7578			
	S	182.959	179.715	170.959	160.702	170.815	180.302	173.120	159.710	172.758	171.577	1		
6	Т	2.5860	3.9626	1.9983	2.5959	2.2218	2.1096	2.4413	2.1033	2.7178	18.7740			
	S	183.242	179.978	170.429	160.349	170.930	180.344	172.319	159.976	172.599	171.429			
7	Т	2.5928	4.0003	2.0377	2.6217	2.2472	2.1236	2.4932	2.1375	2.7387	18.9924			
	S	182.761	178.282	167.134	158.771	168.998	179.155	168.732	157.416	171.282	169.457	1		
8	T	2.5921	3.9710	1.9960			2.1014	2.4414	2.1340	2.7456	18.7839			
	S	182.811	179.598	170.625	162.186			172.312	157.674	170.852	171.338			
9	T	2.5946	3.9794					2.4702	2.1909	2.7617	18.9552			
	S	182.635	179.218	169.970	160.448			170.303	153.579	169.856	169.790			
10	L	2.6173	4.0196	2.0258	2.5942				2.1890	2.7978	19.0659			
10	S	181.051	177.426	168.115	160.454					167.664	168.804			
11	I	2.7100								2.7821	19.5214			
	S	174.857	168.410	i				165.714		168.610	164.865			ļ
12	I	2.6082	4.0167		+					2.7665	19.2563			ļ
	S	181.682	177.554	·	+	•	177.824	•	+	169.561	167.135			
13	ഥ	2.6358		-			+	2.5354		2.7897	19.2814			
	S	179.780	174.842							168.151	166.917			
14	I	2.6191	4.0266					2.5654		2.8229	19.2890			
L	S	180.926	177.118			169.466	+			166.173	166.852			
15	I	2.6461	4.0887		+	2.2398		2.5811			19.3269			
	S	179.080	174.428			169.557	178.015	162.985		168.938	166.524			
16	I	2.7438						3.2093		4.3961	23.0112			
	S	172.703	166.150			166.530		131.082		106.706	139.862			
17	I	4.5685	6.9285	-		3.4283	3.3041	3.7110		5.0365	30.6902			
<u> </u>	S	103.724	102.935	101.320		110.776	115.146			93.138	104.867			
18	I	5.6571	8.6979			4.3608	4.6303	5.3939		6.2414	40.4943			<u> </u>
	S	83.764	81.995			87.088	82.166	77.992		75.158	79.478			
19	T	6.2968	9.5971	4.6679		4.3479				5.6170	40.8008			
	S	75.255	74.312	72.960	78.950	87.346	81.216	72.806	81.347	83.513	78.881			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.7005	10.2579	4.9833	5.4813	4.1309	4.0838	4.9174	3.9278	5.8506	40.0756			
20	S	70.721	69.525	68.342	75.940	91.935	93.162	85.550	85.666	80.178	80.308			
24	Т	5.7517	8.7776	4.3093	4.9694	4.2252	4.9317	5.4880	4.0609	5.3378	39.0740			
21	S	82.387	81.250	79.031	83.763	89.883	77.145	76.655	82.858	87.881	82.367			
22	Т	6.8153	9.9673	4.4239	4.9138	4.5841	4.2585	4.8614	3.9945	5.6002	39.4517			
	S	69.529	71.552	76.984	84.710	82.846	89.340	86.535	84.235	83.763	81.578			
23	Т	6.3444	9.4330	4.3428	5.0104	4.4340	4.7344	5.3490	4.4741	6.0461	40.7352			
	S	74.690	75.605	78.421	83.077	85.650	80.360	78.647	75.206	77.586	79.008			
24	Т	5.1028	7.6454	3.8319	5.2079		3.3962	3.7891	2.4388	2.8832	29.7063			
	S	92.863	93.282	88.877	79.927	124.255	112.024	111.024		162.698	108.341			
25	Т	2.7257	4.2562	2.2142	2.7391	2.2656	2.1664	2.6329	2.2354	2.8001	19.7794			
	S	173.850	167.563	153.811	151.966	167.626	175.616	159.779	150.522	167.526	162.715			
26	T	2.6671	4.1449	2.1257	2.6473	2.2437	2.1507	2.5627	2.1769	2.8145	19.3886			
20	S	177.670	172.062	160.215			176.898			166.669	165.994			
27	T	2.6540	4.1177	2.1098	2.6554	2.2404	2.1396	2.5642	2.1925	2.8034	19.3593			
	S	178.547	173.199	161.422	156.756	169.511	177.816			167.329	166.246			
28	T	2.6491	4.1048	2.0993	2.6848	2.2627	2.1462	2.5481	2.2024	2.7748	19.3674			
	S	178.877	173.743	162.229	155.039	167.841	177.269	165.096	152.778	169.054	166.176			
29	口	2.6150	4.0354	2.0632	2.6464	2.2285	2.1363	2.5876	2.1841	2.7673	19.2284			
	S	181.210	176.731	165.068						169.512	167.377			
30	I	2.6131	4.0461	2.0798						2.8233	19.3931			
	S	181.342	176.264				178.567	163.302		166.150	165.956			
31	LT	2.6369	4.0705				2.1217	2.5189		2.8033	19.2019			
<u></u>	S	179.705	175.207	163.743	157.868	+	179.316			167.335	167.608			
32	ፗ	2.6394	4.0857	2.0921	2.6361	2.2247	2.1171	2.5213		2.8240	19.2781			
<u> </u>	S	179.535	174.556		-		179.706	-	151.335	166.109	166.946			
33	፲	2.6535	4.1121	2.1124			2.1415			2.8333	19.4500			
<u> </u>	S	178.581	173.435	161.223	156.350		177.658			165.563	165.470		ļ	
34	ㅁ	2.6431	4.0776			+	2.1577	2.5929		2.9062	19.5767		ļ	
	S	179.283	174.902	163.538	•		176.324	•		161.410	164.400		-	
35	T	2.6795	4.1363	-	-			-		2.8931	19.8010		-	
<u> </u>	S	176.848	172.420	161.147	153.078		176.430			162.141	162.537		-	
36	I	2.6839	4.1293					2.5887		2.8715	19.6522		1	
<u> </u>	S	176.558	172.713	162.260	152.456		176.734		•	163.361	163.768		-	
37	듸	2.6939	4.1745		•	2.2912	2.1630	•		2.8375	19.7131		-	
L	S	175.902	170.842				175.892			165.318	163.262		-	
38	፲	2.6680	4.1377	2.1263						2.8148	19.5209			
	S	177.610	172.362	160.169	152.222	166.290	177.129	165.109	153.104	166.652	164.869			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	2.6551	4.1131	2.1157	2.7553	2.2880	2.1642	2.6023	2.2293	2.8345	19.6444			
39	S	178.473	173.393	160.972	151.072	165.985	175.795	161.658	150.934	165.493	163.833			
40	Т	2.6749	4.1559	2.1407	2.7650	2.3215	2.1757	2.6293	2.2629	2.8620	19.8320			
40	S	177.152	171.607	159.092	150.542	163.589	174.865	159.998	148.693	163.903	162.283			
44	Т	2.6639	4.1211	2.1170	2.7960	2.3129	2.1725	2.6465	2.2950	2.8954	19.8992			
41	S	177.883	173.056	160.873	148.873	164.198	175.123	158.958	146.613	162.012	161.735			
42	Т	2.6908	4.1604	2.1291	2.7824	2.3244	2.1832	2.5908	2.3182	2.9989	20.0178			
42	S	176.105	171.421	159.959	149.601	163.385	174.265	162.375	145.146	156.421	160.777			
42	Т	2.7486	4.2505	2.1705	2.7939	2.3244	2.1929	2.6913	2.3741	2.9564	20.2521			
43	S	172.402	167.788		148.985	163.385	173.494	156.312	141.728	158.670	158.917			
44	Т	2.7179	4.2032	2.1515	2.7577	2.2991	2.1889	2.6388	2.3198	2.9723	20.0460			
44	S	174.349	169.676			165.183	173.811	159.422	-	157.821	160.551			
45	Т	2.7411	4.2538	2.1912	2.8005	2.3267	2.2148	2.7233	2.3617	2.9114	20.2707			
45	S	172.874	167.658	155.425	148.634	163.224	171.778	154.475	142.472	161.122	158.771			
16	Т	2.7249	4.2399	2.1983	2.8190	2.3384	2.2245	2.6864	2.3527	2.9584	20.3026			
46	S	173.901	168.207	154.923	147.659	162.407	171.029	156.597	143.018	158.562	158.522			
47	Т	2.7280	4.2352	2.1842	2.8044	2.3252	2.2230	2.7036	2.3448	2.9704	20.2836			
47	S	173.704	168.394	155.924	148.427	163.329	171.145	155.601	143.499	157.922	158.670			
48	Т	2.7568	4.2874	2.2156	2.8538	2.3683	2.2759	2.7464	2.3416	2.9236	20.4820			
48	S	171.889	166.344	153.714	145.858	160.357	167.167	153.176	143.695	160.450	157.133			
49	Т	2.7109	4.2032	2.1642	2.8256	2.3362	2.2113	2.6623	2.3094	2.8929	20.1128			
49	S	174.799	169.676	157.364	147.314	162.560	172.050	158.014	145.699	162.152	160.018			
Ε0.	Т	2.7096	4.2048	2.1709	2.8144	2.3253	2.2010	2.6531	2.3015	2.8976	20.0734			
50	S	174.883	169.611	156.879	147.900	163.322	172.855	158.562	146.199	161.889	160.332			
51	T	2.7080	4.2049	2.1663	2.8515	2.6209	2.7314	3.4379	3.1547	4.2081	23.8788			
31	S	174.987	169.607	157.212	145.976	144.902	139.289	122.366	106.659	111.473	134.781			
52	Т	4.1913	6.5732	3.4013	4.1912	4.0176	4.0737	4.6580	3.8127	5.2477	33.5935			
52	S	113.059	108.498	100.129	99.315	94.527	93.393	90.314	88.252	89.390	95.804			
53	Т	5.2274	8.0152	4.0173	5.6018	5.0972	5.0241	6.1577	4.5059	5.7453	41.3767			
33	S	90.650	88.979	84.775	74.306	74.506	75.726	68.318	74.675	81.648	77.783			
54	Т	6.4431	9.8423	4.7815		4.8131	5.0329	5.9431	4.7711	6.3405	43.6817			
34	S	73.546	72.461	71.226	74.914	78.904	75.594	70.785	70.524	73.983	73.678			
55	Т	6.4127	9.8236	4.8769	5.6246	5.1881	6.1177	7.3416			56.4457	1647.7714		44.47
33	S	73.895	72.599	69.833	74.005	73.201	62.189	57.301			57.018	0.604		63.87
56	Т						4.3935	5.4997	4.3197	5.6716	1667.2613		31.4612	
30	S						86.595	76.492	77.894	82.709	1.930		81.845	
E7	Т	6.0117	8.7037	3.8981	4.8678	4.5697	4.6065	5.3718	4.0447	5.4933	38.8636			
57	S	78.824	81.940	87.368	85.511	83.107	82.591	78.313	83.190	85.393	82.813			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

TAG July 20, 2019 INDYCAR

Section Data for Car 30 - Sato, Takuma

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	5.6335	8.4678	3.9774	5.2065	4.2068	4.7605	5.2463			42.4294	32.1661		34.8756
56	S	84.115	84.223	85.626	79.948	90.276	79.919	80.186			75.853	30.958		81.455
F0	Т						3.8605	3.9214	3.0178	3.8060	49.4796		24.8673	
59	S						98.551	107.278	111.498	123.250	65.045		103.547	
60	Т	3.7160	5.7076	2.8317	3.3272	2.7809	3.5275	4.5459	3.8522	6.6052	31.1866			
00	S	127.520	124.953	120.270	125.105	136.565	107.854	92.541	87.347	71.018	103.198			
61	Т	5.9788	8.9537	4.1355	4.9211	5.5867	5.5683	4.7344	3.1373	5.9035	39.9656			
61	S	79.257	79.652	82.352	84.585	67.978	68.325	88.856	107.251	79.460	80.529			
62	Т	5.8562	8.5992	3.7701	4.3704	3.9296	4.9223	4.5698	3.6460	5.8462	36.9106			
02	S	80.917	82.936	90.334	95.243	96.644	77.292	92.057	92.287	80.239	87.194			
63	Т	5.1650	7.3804	3.3579	5.8528	5.7183	5.5784	5.0694	4.1754	6.0197	40.9369			
03	S	91.745	96.632	101.423	71.120	66.414	68.201	82.985		77.926	78.619			
64	Т	6.1543	9.2799	4.4753	5.4304	4.7562	4.9895	5.6815	3.7741	5.2792	40.5405			
04	S	76.997	76.852	76.100	76.652	79.848	76.251	74.044	89.154	88.856	79.387			
65	Т	4.8030	7.6308	4.1548	5.0573	4.2060	4.6338	5.2583	3.1322	3.1629	34.4083			
05	S	98.660	93.461	81.970	82.307	90.293	82.104		107.425	148.310	93.536			
66	T	2.7843	4.2820	2.1562	2.6153	2.2045	2.1399	2.5487	2.0872	2.6905	19.2266			
	S	170.191	166.553	157.948		172.272	177.791				167.393			
67	口	2.6164	4.0663	2.0904			2.1212				19.1256			
	S	181.113	175.388		162.992	173.357	179.358				168.277			
68	Т	2.6035	4.0086		-	2.1999	-				18.8189			
	S	182.010	177.913	168.265	163.146	172.632	180.584				171.020			
69	口	2.5953	3.9752	1.9928		2.2398					18.8898			
	S	182.585	179.408	170.899	158.565	169.557	179.850				170.378			
70	工	2.5883	3.9787	2.0136		2.2402					18.9298			
/*	S	183.079	179.250		-	169.526					170.018			
71	LI	2.5991	3.9815		2.6436	2.2360				2.7517	19.0053			
	S	182.318	179.124		157.456			168.630		170.473	169.342			
72	T	2.6066	3.9998			2.2054		•			18.8943			
	S	181.794	178.304	169.302	161.293	172.201	181.818				170.337			
73	I	2.6124	3.9869	1.9915	2.6031	2.2190					19.1091			
L	S	181.390	178.881	171.011	159.905	171.146					168.422			
74	I	2.6449	4.0351	2.0114	2.5975	2.2154					18.9307			
<u> </u>	S	179.161	176.745	169.319	160.250	171.424		172.552		168.513	170.010			
75	I	2.6059	3.9745			2.2215		2.4574			18.9499			
<u> </u>	S	181.843	179.439		-	170.953			-					
76	T	2.6067	3.9626		2.6253	2.2242	<u> </u>							
	S	181.787	179.978	172.431	158.553	170.746	180.139	169.534	155.066	167.796	169.477			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 30 - Sato, Takuma

Race

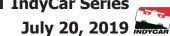
Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	2.6202	3.9983	1.9986	2.6304	2.2370	2.1134	2.4779	2.2567	2.8971	19.2313			
77	S	180.850	178.371	170.403	158.246	169.769	180.020	169.774	149.101	161.917	167.352			
78	Т	2.6532	4.0599	2.0476	2.6608	2.2355	2.1156	2.5187	2.2169	2.8531	19.3014			
/8	S	178.601	175.665	166.326	156.438	169.883	179.833	167.023	151.778	164.414	166.744			
79	Т	2.6447	4.0596	2.0562	2.6587	2.2405	2.1377	2.5661	2.2263	2.8322	19.3624			
/9	S	179.175	175.678	165.630	156.561	169.504	177.974	163.938	151.137	165.628	166.219			
80	Т	2.6258	4.0322	2.0461	2.6511	2.2286	2.1248	2.5617	2.2769	2.8774	19.3924			
80	S	180.464	176.872	166.447	157.010	170.409	179.054	164.220	147.779	163.026	165.962			
81	Т	2.6534	4.0625	2.0528	2.6922	2.2472	2.1335	2.5811	2.2282	2.8325	19.4209			
01	S	178.587	175.552	165.904	154.613	168.998	178.324	162.985	151.009	165.610	165.718			
82	Т	2.6793	4.1480	2.1181	2.7185	2.2836	2.1404	2.5990	2.2758	2.8525	19.6672			
02	S	176.861	171.934	160.789	153.118	166.304	177.749	161.863	147.850	164.449	163.643			
83	Т	2.6442	4.0638	2.0621	2.6611	2.2401	2.1295	2.5923	2.2767	2.8422	19.4482			
83	S	179.209	175.496	165.156	156.420	169.534	178.659	162.281	147.792	165.045	165.486			
84	Т	2.6486	4.0627	2.0536	2.6651	2.2514	2.1343	2.5793	2.2404	2.8326	19.4053			
04	S	178.911	175.544	165.840	156.186	168.683	178.257	163.099	150.186	165.604	165.852			
85	Т	2.6460	4.0700	2.0629	2.6515	2.2553	2.1364	2.5461	2.2133	2.8425	19.3540			
85	S	179.087	175.229	165.092	156.987	168.391	178.082	165.226	152.025	165.028	166.291			
86	T	2.6307	4.0171	2.0189	2.7156	2.2854	2.1536	2.5404	2.2136	2.8566	19.4148			
80	S	180.128	177.536	168.690	153.281	166.173	176.660	165.597	152.005	164.213	165.770			
87	T	2.6480	4.0661	2.0597	2.6922	2.2646			2.2889	2.8502	19.5432			
67	S	178.952	175.397	165.348				161.907	147.004	164.582	164.681			
88	┸	2.6364	4.0594	2.0677	2.7531	2.3059	2.1644	2.6313	2.3147	2.8794	19.7529			
- 00	S	179.739	175.687	164.709	151.193	164.696	175.778	159.876	145.365	162.913	162.933			
89	T	2.6638	4.0839	2.0606				2.6134	2.3552	2.9847	19.7841			
0,5	S	177.890	174.633	165.276	154.516	167.744	177.079	160.971	142.866	157.165	162.676			
90	T	2.7209	4.1837	2.1159			2.1734			2.8759	19.8478			
	S	174.157	170.467	160.957	153.473		175.050			163.111	162.154			
91	I	2.6551	4.0787	2.0650		+	2.1480		2.3608	2.9525	19.7827			
	S	178.473	174.855	164.924	•	166.050	177.120	•	142.527	158.879	162.688			
92	T	2.6919	4.1249	2.0842	2.7453		2.1489	-	2.3809	3.0092	19.9708			
	S	176.033	172.897	163.405	151.623		177.046		141.324	155.886	161.155			
93	I	2.7498	4.2142	2.1210			2.1676			2.9375	19.9898			
	S	172.327	169.233	160.570	152.640	+	175.519			159.691	161.002			
94	T	2.6905	4.1341	2.0870	-		-	2.6438	2.3023	2.8790	19.7685			
	S	176.125	172.512	163.186	152.988	165.919	176.447	159.120		162.935	162.804			
95	Т	2.6634	4.0897	2.0783	2.7816	2.3463	2.1962	2.6529	2.3162	2.8963	19.9312			
25	S	177.917	174.385	163.869	149.644	161.860	173.233	158.574	145.271	161.962	161.475			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.6850	4.1482	2.1258	2.7583	2.2965	2.1592	2.6536	2.4619	2.9619	20.1022			
96	S	176.486	171.926	160.207	150.908	165.370	176.202	158.532	136.674	158.375	160.102			
97	Т	2.7164	4.1842	2.1239	2.7898	2.3260	2.1944	2.7005	2.3207	2.8799	20.0516			
97	S	174.445	170.446	160.350	149.204	163.273	173.375	155.779	144.990	162.884	160.506			
98	Т	2.6730	4.1190	2.0962	2.7252	2.2789	2.1709	2.7040	2.3810	2.9180	19.9472			
98	S	177.278	173.144	162.469	152.741	166.647	175.252	155.578	141.318	160.758	161.346			
99	Т	2.6957	4.1665	2.1332	2.8436	2.3916	2.2355	2.7119	2.3186	2.9061	20.2362			
99	S	175.785	171.170	159.651	146.381	158.794	170.188	155.124	145.121	161.416	159.042			
100	T	2.7213	4.2284	2.1826	2.7924	2.3054	2.2192	2.7444	2.3798	2.9770	20.3221			
100	S	174.131	168.665	156.038	149.065	164.732	171.438	153.287	141.389	157.572	158.369			
101	Т	2.9138	4.6007	2.4267	2.9620	2.3919	2.2537	2.7861	2.4526	2.9468	21.1336			
101	S	162.627	155.016	140.342	140.530	158.775	168.813	150.993	137.192	159.187	152.288			
102	T	2.7524	4.2710	2.2014	2.8628	2.3745	2.2449	2.8055	2.4996	3.0145	20.7556			
102	S	172.164	166.982	154.705	145.400	159.938	169.475	149.949	134.612	155.612	155.062			
103	Т	2.8800	4.4923	2.3430	2.9963	2.4031	2.2848	2.8721	2.4380	2.9545	21.1718			
103	S	164.536	158.756	145.356	138.921	158.035	166.515	146.472	138.014	158.772	152.014			
104	Т	2.7239	4.2321	2.2057	2.9390	2.3664	2.2238	2.6922	2.3810	2.9520	20.4840			
104	S	173.965	168.517	154.404	141.630	160.485	171.083	156.259	141.318	158.906	157.118			
105	Т	2.7276	4.2311	2.1863	2.9597	2.4183	2.2535	2.7320	2.3873	2.9450	20.6097			
103	S	173.729	168.557	155.774	140.639	157.041	168.828	153.983	140.945	159.284	156.159			
106	T	2.6855	4.1574	2.1468	2.8741	2.3752	2.2506	2.8273	2.3520	2.8765	20.3880			
100	S	176.453	171.545	158.640	144.828	159.891	169.046	148.793	143.060	163.077	157.858			
107	┸	2.6662	4.1252	2.1360	2.9751	2.3872	2.2233	2.7670	2.4610	2.9341	20.5499			
107	S	177.730	172.884	159.442	139.911	159.087	171.122				156.614			
108	T	2.7144	4.2270	2.1986	2.8473	2.3387	2.2093	2.7595	2.3550	2.8784	20.3012			
100	S	174.574	168.721	154.902	146.191	162.386	172.206	152.449	142.878	162.969	158.533			
109	T	2.6750	4.1366	2.1299	2.8798	2.3527	2.1979	2.7501	2.4049	2.9286	20.3189			
109	S	177.145	172.408			161.420			+		158.394			
110	T	2.7068	4.2120	2.1849	• 	2.3383	2.2059	2.7656	2.4010	2.9211	20.3526			1
110	S	175.064	169.321	155.874	147.137	162.414	172.471	152.112	140.140	160.587	158.132			
111	T	2.7164	4.2263			2.3937	2.2493				20.4710			
111	S	174.445	168.749			158.655	169.144				157.218			
112	T	2.6868	4.1645			2.3699					20.6416			
112	S	176.367	171.253	157.554	142.615	160.248	171.949	152.013	133.549	156.098	155.918			
113	T	2.7534	4.2790	2.2348	3.0281	2.4317	2.2941	2.8454	2.5828	3.0983	21.2686			
113	S	172.101	166.670	152.393	137.462	156.176	165.840	147.846	130.276	151.403	151.322			
114	Т	2.9008	4.5444	2.3786		2.3986	2.2793	2.8561	2.4854	3.0183	21.2939			
114	S	163.356	156.936	143.180	139.831	158.331	166.917	147.292	135.382	155.416	151.142			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
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Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.8760	4.5027	2.3514	2.9729	2.3955	2.2574	2.8499	2.5258	2.9753	21.2042			
115	S	164.765	158.390	144.836	140.015	158.536	168.537	147.613	133.216	157.662	151.781			
446	Т	2.8888	4.5247	2.3619	3.0111	2.4185	2.2763	2.8404	2.4748	2.9918	21.2636			
116	S	164.035	157.620	144.192	138.239	157.028	167.137	148.107	135.961	156.792	151.357			
447	Т	2.7759	4.3318	2.2530	2.9836	2.4215	2.2930	2.9420	2.5685	3.0397	21.2772			
117	S	170.706	164.639	151.162	139.513	156.834	165.920	142.992	131.001	154.321	151.261			
110	Т	2.8763	4.4928	2.3377	2.9729	2.4011	2.3137	2.9268	2.4670	2.9898	21.2853			
118	S	164.748	158.739	145.685	140.015	158.166	164.436	143.734	136.391	156.897	151.203			
119	Т	2.7989	4.3748	2.2909	2.9951	2.5827	3.2381	4.2303			31.2131	31.2622		23.6653
119	S	169.304	163.020	148.661	138.977	147.045	117.493	99.445			103.111	31.853		120.041
120	Т						2.4591	2.6963	2.3867	2.8855	42.7094		18.9950	
120	S						154.713	156.022	140.980	162.568	75.356		135.559	
121	Т	2.6720	4.1253	2.1271	2.8328	2.3119	2.1808	2.5575	2.2367	2.8635	19.7823			
121	S	177.344	172.880	160.109	146.939	164.269	174.456	164.489	150.435	163.817	162.691			
122	Т	2.6586	4.0757	2.0572	2.7128	2.3203	2.1742	2.5979	2.1776	2.7912	19.4898			
122	S	178.238	174.984	165.549	153.439	163.674	174.986	161.931	154.517	168.061	165.133			
123	Т	2.6292	4.0379	2.0529	2.7102	2.2641	2.1426	2.5019	2.1782	2.8192	19.2983			
123	S	180.231	176.622	165.896	153.586	167.737	177.567	168.145	154.475	166.391	166.771			
124	Т	2.6280	4.0380	2.0522	2.8441	2.3698	2.1827	2.5857	2.1855	2.7904	19.6384			
124	S	180.313	176.618	165.953	146.356	160.255	174.305	162.696	153.959	168.109	163.883			
125	Т	2.6315	4.0726	2.0944	2.7421	2.2868	2.1428	2.5852	2.1737	2.7957	19.4522			
125	S	180.074	175.117	162.609	151.800	166.072	177.550	162.727	154.795	167.790	165.452			
126	Т	2.6241	4.0280	2.0419	2.7165	2.2785	2.1440	2.5758	2.1935	2.8491	19.4234			
126	S	180.581	177.056	166.790	153.230	166.677	177.451	163.321	153.397	164.645	165.697			
127	Т	2.6657	4.1014	2.0824	2.6693	2.2740	2.1397	2.5659	2.2050	2.8257	19.4277			
127	S	177.763	173.887	163.546	155.940	167.006	177.807	163.951	152.597	166.009	165.660			
128	T	2.6358	4.0716	2.0913	2.7321	2.2668	2.2026		2.3597	2.9107	19.9630			
120	S	179.780	175.160	162.850	152.355	167.537	172.730	152.200	142.593	161.161	161.218			
129	T	2.7383	4.2419	2.1567	2.7137	2.3125	2.1795	2.6393	2.2417	2.8236	19.8053			
123	S	173.050	168.128	157.912	153.388	164.226	174.560	159.391	150.099	166.132	162.502			
130	Т	2.6442	4.1200			2.2805	2.1807	2.6701	2.2314	2.8435	19.7706			
130	S	179.209	173.102	157.904		166.530	174.464	157.553	150.792	164.970	162.787			
131	Т	2.6966	4.1752	2.1548	2.7891	2.2899	2.2164		2.3190	2.9181	20.0900			
131	S	175.726	170.814	158.051	149.242	165.847	171.654	155.457	145.096	160.752	160.199			
132	Т	2.7421	4.2544	2.1805	2.7725	2.3168	2.1815	2.6707	2.3080	2.8592	20.0313			
132	S	172.810	167.634	156.188	150.135	163.921	174.400	157.517	145.787	164.064	160.669			
133	Т	2.6937	4.1749	2.1535	2.7538	2.3081	2.1798	2.5939	2.1635	2.7872	19.6335			
133	S	175.916	170.826	158.146	151.155	164.539	174.536	162.181	155.525	168.302	163.924			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
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Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI	to PO PO	to SF	SF to PI
	T	2.6272	4.0493	2.0549	2.7242	2.3035	2.1595	2.6015	2.2880	2.8448	19.6036			
134	S	180.368	176.125	165.735	152.797	164.868	176.177	161.707	147.062	164.894	164.174			
425	Т	2.6134	4.0222	2.0493	2.8206	2.3585	2.2284	2.7409	2.3476	2.9014	20.0601			
135	S	181.321	177.311	166.188	147.575	161.023	170.730	153.483	143.328	161.677	160.438			
136	Т	2.7259	4.2288	2.1659	2.8009	2.3641	2.2146	2.6021	2.1932	2.7972	19.8639			
130	S	173.837	168.649	157.241	148.613	160.642	171.794	161.670	153.418	167.700	162.023			
137	Т	2.6395	4.0887	2.0966	2.7252	2.2612	2.1543	2.6464	2.1901	2.8024	19.5157			
13/	S	179.528	174.428	162.438	152.741	167.952	176.602	158.964	153.636	167.389	164.913			
138	Т	2.6350	4.0752	2.0792	2.6743	2.2774	2.1661	2.6023	2.3064	2.9672	19.7079			
136	S	179.834	175.005	163.798	155.648	166.757	175.640	161.658	145.889	158.092	163.305			
139	Т	2.7073	4.1605	2.1069	2.7438	2.3126	2.1644	2.5221		2.7810	19.5144			
139	S	175.032	171.417	161.644	151.706	164.219	175.778	166.798	154.610	168.677	164.924			
140	T	2.6173	4.0169	2.0317	2.6912	2.2812	2.1431	2.5023	2.1994	2.8260	19.2922			
170	S	181.051	177.545	167.627	154.671	166.479	177.525	168.118		165.991	166.824			
141	T	2.6325	4.0544	2.0699	2.7295	2.3015	2.2285	2.7331	2.3713	2.8996	19.9659			
171	S	180.005	175.903	164.534	152.500	165.011	170.722	153.921	141.896	161.778	161.195			
142	T	2.6673	4.0835	2.0521	2.6347	2.2342	2.1219	2.4865	2.1524	2.7705	19.1196			
172	S	177.657	174.650	165.961	157.988	169.982	179.299	169.186	156.327	169.316	168.330			
143	工	2.6059	3.9863	2.0081	2.6552	2.2407	2.1241	2.5055	2.1635	2.7872	19.0902			
143	S	181.843	178.908	169.597	156.768	169.488	179.113	167.903	155.525	168.302	168.589			
144	T	2.6346	4.0526	2.0584	2.6835	2.2738	2.1418	2.5293	2.1008	2.7437	19.1659			
	S	179.862	175.981	165.453	155.115	167.021	177.633	166.323		170.970	167.923			
145	ፗ	2.6016	3.9909			2.2251	2.1157	2.4849		2.7850	18.9803			
145	S	182.143	178.702	169.732	160.683	170.677	179.824	•	•	168.435	169.565			ļ
146	ፗ	2.6171	3.9920		2.6602	2.2593	2.1281	2.5132	 	2.7735	19.0857			
	S	181.064	178.653	170.779	156.473	168.093	178.777	167.389		169.133	168.629			
147	I	2.6044	3.9825			2.2535	2.1230			2.7941	19.1564			
	S	181.947	179.079		1	168.526	179.206			167.886	168.007			ļ
148	ፗ	2.6267	4.0436		2.7012	2.2940	2.2052	2.6792	+	2.8357	19.6750			
	S	180.403	176.373	165.864	154.098	165.550	172.526			165.423	163.578			
149	T	2.6287	4.0323	2.0411	2.6909	2.2524	2.1271	2.5557		2.8576	19.4042			
	S	180.265	176.867	166.855	154.688	168.608	178.861	164.605		164.156	165.861			
150	I	2.6491	4.0699		2.6754	2.2699	2.1429			2.8072	19.3671			
	S	178.877	175.233	165.702	155.584	167.308	177.542	162.614	+	167.103	166.179			
151	ፗ	2.6193	4.0233	2.0482	2.7459	2.2933	2.1422	2.5401		2.7891	19.3487			
	S	180.912	177.263	166.277	151.590	165.601	177.600			168.187	166.337			
152	I	2.6071	3.9786			2.3186				2.8185	19.4451			
	S	181.759	179.254	170.506	149.515	163.794	176.300	164.130	153.056	166.433	165.512			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
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Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
153	Т	2.6298	4.0448	2.0600	2.7113	2.2742	2.1372	2.5769	2.2494	2.8499	19.4887			
153	S	180.190	176.321	165.324	153.524	166.992	178.015	163.251	149.585	164.599	165.142			
154	Т	2.6481	4.0413	2.0264	2.6911	2.2631	2.1306	2.5689	2.2290	2.8245	19.3817			
154	S	178.945	176.473	168.066	154.677	167.811	178.567	163.760	150.954	166.079	166.054			
155	Т	2.6332	4.0627	2.0830	2.7174	2.2638	2.1446	2.5971	2.1948	2.8021	19.4360			
155	S	179.957	175.544	163.499	153.180	167.759	177.401	161.981	153.307	167.407	165.590			
156	Т	2.6344	4.0775	2.0990	2.7115	2.2608	2.1289	2.6443	2.3774	2.9151	19.7714			
130	S	179.875	174.907	162.253	153.513	167.982	178.709	159.090	141.532	160.918	162.781			
157	Т	2.7138	4.2060	2.1574	2.7958	2.3190	2.1679	2.6524	2.3608	2.9170	20.0841			
157	S	174.613	169.563	157.860	148.884	163.766	175.495	158.604	142.527	160.813	160.246			
158	Т	2.7146	4.2305	2.2099	2.8494	2.3340	2.1996	2.6837	2.3802	2.9221	20.2935			
130	S	174.561	168.581	154.110	146.083	162.713	172.965	156.754	141.365	160.532	158.593			
159	Т	2.7191	4.2052	2.1521	2.8323	2.3577	2.2590	2.7804	2.4144	2.9660	20.4810			
123	S	174.272	169.595	158.249	146.965	161.078	168.417	151.303	139.363	158.156	157.141			
160	T	2.7660	4.3311	2.2704	2.9005	2.3773	2.2481	2.7521	2.3110	2.9151	20.5405			
100	S	171.317	164.665	150.004	143.510	159.750	169.234	152.858	145.598	160.918	156.686			
161	Т	2.7137	4.2042	2.1649	2.8060	2.3085	2.1767	2.6365	2.3114	2.9046	20.0223			
101	S	174.619	169.636	157.314	148.343	164.511	174.785	159.561	145.573	161.499	160.741			
162	Т	2.6914	4.1701	2.1618	2.8595	2.3363	2.2797	2.8399	2.3817	2.9216	20.4719			
102	S	176.066	171.023	157.539	145.567	162.553	166.888	148.133	141.276	160.560	157.211			
163	Т	2.7204	4.2242	2.1778	2.7790	2.2980	2.1700	2.6672	2.2989	2.9008	20.0121			
103	S	174.189	168.832	156.382	149.784	165.262	175.325	157.724	146.364	161.711	160.823			
164	Т	2.6973	4.1852	2.1653	2.8473	2.3428	2.2075	2.6755	2.2783	2.8785	20.0925			
104	S	175.681	170.406	157.285	146.191	162.102	172.346	157.235	147.688	162.964	160.179			
165	Т	2.6792	4.1419	2.1212	2.7719	2.2963	2.1671	2.6135	2.2297	2.8457	19.7246			
103	S	176.868	172.187	160.554	150.168	165.385	175.559	160.965	150.907	164.842	163.167			
166	Т	2.6719	4.1433	2.1407	2.7743	2.2943	2.1569	2.6148	2.2243	2.8402	19.7174			
100	S	177.351	172.129	159.092	150.038	165.529	176.390	160.885	151.273	165.161	163.226			
167	I	2.6538	4.0969	2.0956	2.8053	2.3241	2.1681	2.6054	2.2962	2.8893	19.8378			
107	S	178.560	174.078	162.516	148.380	163.406	175.478	161.465	146.537	162.355	162.236			
168	Т	2.6771	4.1334	2.1148	2.8239	2.3535	2.1867	2.6930	2.2649	2.8641	19.9780			
100	S	177.006	172.541	161.040	147.403	161.365	173.986	156.213		163.783	161.097			
169	Т	2.6593	4.1025	2.1008		2.3590	2.2033	2.6674		2.8347	19.9334	-		
109	S	178.191	173.841	162.114	144.732	160.989	172.675	157.712	150.691	165.482	161.458			
170	Т	2.6690	4.1462	2.1405		2.3097	2.1775	2.6498	2.2873	2.8973	19.8821			
1/0	S	177.544	172.009	159.107	151.309	164.425	174.721	158.760	147.107	161.906	161.874			
171	Т	2.6829	4.1242	2.0823		2.4173	2.2214	2.6720	2.2823	2.8737	20.0396			
1/1	S	176.624	172.926	163.554	148.253	157.106	171.268	157.441	147.429	163.236	160.602			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6724	4.1386	2.1408	2.9651	2.3909	2.2242	2.7211	2.3413	2.9115	20.3673			
1/2	S	177.318	172.324	159.085	140.383	158.841	171.052	154.600	143.714	161.117	158.018			
173	Т	2.7210	4.2430	2.2137			2.2201	2.7639	2.3855	2.9622	20.5642			
	S	174.151	168.084	153.846	142.517	159.763	171.368	152.206	141.051	158.359	156.505			
174	Т	2.7580	4.2962	2.2281	2.8463	2.3488	2.2134	2.7168	2.3778	2.9430	20.4322			
1/4	S	171.814	166.003	152.851	146.242	161.688	171.887	154.845	141.508	159.392	157.516	,		
175	T	2.7373	4.2637	2.2119	2.8962	2.3729	2.2215	2.7330	2.3315	2.9113	20.4156			
	S	173.114	167.268	153.971	143.723	160.046	171.260	153.927	144.318	161.128	157.644			
176	Т	2.8242	4.4147	2.2899	2.9682	2.4478	2.2468	2.6862	2.3656	2.9308	20.7595			
176	S	167.787	161.547	148.726	140.237	155.149	169.332	156.609	142.238	160.056	155.033			
177	Т	2.7271	4.2488	2.1985	2.9081	2.4566					30.0266	30.9688		22.4720
	S	173.761	167.855	154.909	143.135	154.593					107.185	32.155		126.415
178	Т						2.4600	2.6676	2.2007	2.7854	42.0292		18.6150	
178	S						154.656	157.700	152.896	168.411	76.575		138.326	
179	Т	2.6347	4.0623	2.0826	2.7585	2.2846	2.1477	2.5259	2.1795	2.7867	19.4002			
1/9	S	179.855	175.561	163.530	150.897	166.232	177.145	166.547	154.383	168.332	165.895			
180	Т	2.6248	4.0206	2.0246	2.7088	2.2725	2.1301	2.4803	2.1637	2.7879	19.1927			
100	S	180.533	177.382	168.215	153.666	167.117	178.609	169.609	155.510	168.260	167.689			
181	Т	2.6120	4.0144	2.0404	2.6986	2.2505	2.1537	2.5909	2.2338	2.8262	19.4061			
101	S	181.418	177.656	166.912	154.247	168.750	176.652	162.369	150.630	165.979	165.845			
182	Т	2.6659	4.1439	2.1352	2.7325	2.2781	2.1461	2.5637	2.1722	2.7865	19.4802			
102	S	177.750	172.104	159.502	152.333	166.706	177.277	164.092	154.902	168.344	165.214			
183	Т	2.6070	4.0220	2.0691	2.7751	2.3071	2.1451	2.5671	2.2445	2.8488	19.5638			
163	S	181.766	177.320	164.597	149.995	164.610	177.360	163.874	149.912	164.663	164.508			
184	Т	2.6763	4.1468	2.1275	2.6855	2.2239	2.2063	2.8015	2.7378	7.1460	24.6048			
104	S	177.059	171.984	160.079	154.999	170.769	172.440	150.163	122.901	65.644	130.804			
185	Т	5.7209	7.9845	3.2723	4.3369	3.4504	3.1353	4.1700	3.9697	5.0570	33.1125			
	S	82.830	89.321	104.076	95.979	110.066	121.345	100.883	84.761	92.761	97.196			
186	Т	4.7772	7.2822	3.5126	4.0288		3.2510	3.5790		4.9707	30.8174			
	S	99.193	97.935	96.956	103.319	108.628	117.027	117.542	105.083	94.371	104.435			
187	Т	4.6819	7.1127	3.5232	4.5362	3.6387	3.6481	4.6133		7.1804	36.0521			
107	S	101.212	100.269	96.664	91.762	104.370	104.288	91.189		65.329	89.271			
188	Т	7.1471	10.4197	4.5425	5.2013	-	5.1403	5.9670		6.7985	44.8690			
100	S	66.302	68.446	74.974	80.028	75.578	74.014	70.501	66.663	68.999	71.729			
189	Т	6.7230	10.7825	5.6658	5.5158		4.4855	4.9309	4.0770	5.2475	41.2608			
103	S	70.484	66.143	60.109	75.465	82.286	84.819	85.315	82.531	89.393	78.001			
190	Т	5.2871	8.3123	4.3549	5.8073	4.8510	4.9283	6.8522	5.2224	5.9456	43.2488			
190	S	89.626	85.798	78.203	71.677	78.288	77.198	61.394	64.430	78.897	74.416			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Ť	6.5510	9.6474	4.3496	5.5493	4.9289	4.3241	3.8317	3.2884	4.1966	37.0196			
191	S	72.335	73.925			77.050	87.985	109.790	102.322	111.779	86.938		1	
100	Т	3.8544	5.9502	3.0092	3.9576	3.4058	3.2055	3.9111	3.3346	4.4026	29.0808			
192	S	122.941	119.858	113.176	105.177	111.508	118.688	107.561	100.905	106.549	110.671			
102	Т	4.3344	6.4661	3.0596	3.8022	3.1352	2.7927	3.4205	2.9728	4.0895	27.6069			
193	S	109.326	110.296	111.311	109.476	121.132	136.232	122.988	113.185	114.706	116.580			
104	Т	4.6280	7.4849	4.2020	5.6136	4.7414	4.6867	5.6330	4.3996	5.0069	38.9112			
194	S	102.391	95.283	81.049	74.150	80.097	81.177	74.682	76.479	93.689	82.711			
195	Т	5.5604	8.7888	4.6023	5.4294	4.5325	5.2252	4.9357			44.2610	30.7457		36.6305
193	S	85.221	81.147	74.000	76.666	83.789	72.811	85.232			72.714	32.388		77.553
196	Т						3.0747	3.3882	2.7294	3.5578	45.8362		22.7210	
190	S						123.737	124.161	123.279	131.849	70.215		113.329	
197	Т	4.4043	6.9022	3.6257	5.0372	5.2390	4.8775	4.9552	4.2483	6.7266	39.1138			
197	S	107.591	103.327	93.932	82.635	72.490	78.002	84.897	79.203	69.737	82.283			
198	Т	5.9531	8.4392	3.5345	4.3488	3.6542	3.7579	4.7948	2.9677	3.1757	32.1867			
130	S	79.599	84.508	96.355	95.716	103.928	101.241	87.737	113.380	147.713	99.992			
199	Т	2.9363	4.6426	2.4676		2.4902	2.3017	2.7200	2.2187	2.8040	21.0873			
199	S	161.381	153.617	138.016		152.507	165.293	154.662	151.655	167.293	152.623			
200	I	2.6199	4.0368	2.0531	2.6422	2.2522	2.1337	2.5303	2.1351	2.7373	19.1038			
200	S	180.871	176.670	165.880	157.539	168.623	178.307	166.258	157.593	171.370	168.469			
201	T	2.6485	4.0889			2.2106	2.1101	2.5453	2.1575	2.7574	19.0869			
201	S	178.918	174.419			171.796	180.302	165.278	155.957	170.121	168.618			
202	T	2.6139	4.0367			2.2416		2.5628		2.8018	19.3007			
202	S	181.286	176.674		•	169.420	177.343	164.149		167.425	166.750	•	ļ	
203	T	2.6183	4.0361	2.0557		2.2553	2.1830		2.2631	2.8045	19.5412			
	S	180.981	176.701	165.670		168.391	174.281	157.123	148.680	167.264	164.698			
204	T	2.6623	4.1221	2.1101		2.2531	2.1720		2.2509	2.8103	19.6438			
	S	177.990	173.014			168.556	175.163		149.486	166.918	163.838			
205	I	2.6511	4.1106	+		2.2459			2.3345	2.9027	19.6756			
	S	178.742	173.498			169.096	178.199	163.055	144.132	161.605	163.573			
206	I	2.8020	4.3907			2.3493	2.3000		2.3724	2.9121	20.7485			
	S	169.116	162.430		145.055	161.654	165.415	147.354	141.830	161.083	155.115			
207	ᄑ	2.7813	4.3629			2.3665	2.2882	2.8456	2.3526		20.7275			
	S	170.375	163.465	148.954		160.479	166.268	147.836	143.024	161.622	155.272			
208	ፗ	2.8273	4.4072			2.3536		2.7689	2.3180	2.9025	20.6204			
	S	167.603	161.822	149.156		161.358	166.058		145.158	161.616	156.078			
209	T	2.7999				2.3738			2.3702	2.9395	20.8146			
	S	169.243	163.353	150.355	143.534	159.985	163.012	148.535	141.962	159.582	154.622			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 30 - Sato, Takuma

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.8003	4.3733	2.2697	2.9202	2.3850	2.2754	2.8721	2.4206	2.9388	20.8821			
210	S	169.219	163.076	150.050	142.542	159.234	167.203	146.472	139.006	159.620	154.122			
211	T	2.7843	4.3706	2.3007	2.9364	2.3877	2.2756	2.7951	2.3668	2.9270	20.7736			
211	S	170.191	163.177	148.028	141.755	159.054	167.189	150.507	142.165	160.263	154.927			
212	T	2.8758	4.4698	2.2929	2.8836	2.3631	2.2487	2.7871	2.3287	2.8732	20.6531			
212	S	164.776	159.556	148.532	144.351	160.710	169.189	150.939	144.491	163.264	155.831			
213	T	2.7278	4.2549	2.2083	2.7950	2.3018	2.2270	2.8071	2.5470	3.1662	20.7802			
213	S	173.716	167.614	154.222	148.927	164.989	170.837	149.863	132.107	148.156	154.878			
214	T	2.8909	4.4913	2.3091	2.9374	2.4008	2.4064	2.9581	2.4364	2.9896	21.3287			
214	S	163.916	158.792	147.490	141.707	158.186	158.101	142.214	138.104	156.908	150.895			
215	T	2.8874	4.5332	2.3851	3.0261	2.4634	2.3654	2.9382	2.4437	2.9478	21.4571			
215	S	164.114	157.324	142.790	137.553	154.166	160.842	143.177	137.692	159.133	149.992			
216	T	2.9200	4.5748	2.3931	3.1372	2.6851	3.2648	4.5928			32.3342			24.7884
	S	162.282	155.894	142.313	132.682	141.437	116.532	91.596			99.535			114.602

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

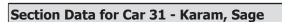
Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	7.9911	11.5754	4.7986	5.0029	5.5259	4.9678	4.9101	4.0324	4.3336	41.5624		33.2960	
1	S	59.299	61.612	70.972	83.202	68.726	76.584	85.677	83.443	108.245	77.435		77.335	
	Т	4.4725	6.6670	3.0724	3.5377	3.3097	3.2436	3.6667	2.8307	3.0860	27.2193			
2	S	105.951	106.972	110.848	117.661	114.745	117.294	114.730	118.867	152.006	118.240			
3	Т	2.9434	4.6967	2.5169	2.9720	2.3771	2.3116	2.8868	2.3181	2.8229	21.1488			
3	S	160.992	151.847	135.313	140.057	159.763	164.585	145.726	145.152	166.173	152.179			
4	Т	2.7917	4.4682	2.4157	2.8653	2.3001	2.2777	2.8016	2.2678	2.7663	20.4862			
4	S	169.740	159.613	140.981	145.273	165.111	167.035	150.158	148.372	169.573	157.101			
_	Т	2.7500	4.3287	2.2740	2.8054	2.2912	2.1506	2.6629	2.2299	2.7753	19.9393			
5	S	172.314	164.757	149.766	148.375	165.753	176.906	157.979	150.893	169.023	161.410			
6	Т	2.6853	4.2580	2.2698	2.7369	2.2746	2.1842	2.6591	2.2192	2.7897	19.8188			
0	S	176.466	167.492	150.043	152.088	166.962	174.185	158.205	151.621	168.151	162.391			
7	Т	2.6548	4.1601	2.1822	2.6741	2.2543	2.1451	2.6093	2.2039	2.7760	19.4997			
	S	178.493	171.434	156.066	155.660	168.466	177.360	161.224	152.674	168.981	165.049			
8	Т	2.6185	4.0896	2.1499	2.7157	2.2559	2.1449	2.6095	2.1631	2.7553	19.4128			
•	S	180.968	174.389	158.411	153.275	168.346	177.376	161.212	155.553	170.250	165.788			
	Т	2.6136	4.0746	2.1123	2.6358	2.2462	2.1381	2.5733	2.1423	2.7506	19.2122			
9	S	181.307	175.031	161.231	157.922	169.073	177.940	163.480	157.064	170.541	167.519			
10	Т	2.6395	4.1093	2.1051	2.6663	2.2763	2.1525	2.5779	2.1707	2.7672	19.3555			
10	S	179.528	173.553	161.782	156.115	166.838	176.750	163.188	155.009	169.518	166.278			
11	Т	2.6290	4.0953	2.1187	2.6905	2.2704	2.1666	2.6261	2.2093	2.8045	19.5151			
	S	180.245	174.146	160.744	154.711	167.271	175.600	160.193	152.300	167.264	164.918			
12	Т	2.6386	4.1113	2.1277	2.7434	2.3065	2.1749	2.6367	2.2102	2.7835	19.6215			
	S	179.589	173.469	160.064	151.728	164.653	174.930	159.549	152.238	168.526	164.024			
13	Т	2.6923	4.2281	2.2331	2.9602	2.3780	2.1962	2.7001	2.2237	2.7733	20.1569			
	S	176.007	168.677	152.509			173.233	155.802	151.314	169.145	159.667			
14	Т	2.6646	4.2093		2.7624	2.3070			2.2011	2.7862	19.8299			
	S	177.837	169.430	152.653	150.684	164.618	173.755			168.362	162.300			
15	T	2.6720	4.2134	2.2500	2.7886	2.2979	2.1910	2.6868	2.4393	17.1430	34.4686			
	S	177.344	169.265	151.364	149.268	165.269	173.644	156.574	137.940	27.363	93.372			
16	Т	10.6793	13.3139	3.6688	3.9224	3.1630	2.8799	3.9270	3.8433	4.6038	36.6875			
	S	44.372	53.567	92.828	106.121	120.067	132.107	107.125		101.892	87.725			
17	Т	4.2013	6.6776	3.5959	4.8746	4.7832	4.7944	5.3409	4.6862	6.3860	38.6625			
	S	112.790	106.802	94.710	85.392	79.397	79.354	78.766		73.456	83.243			
18	Т	6.4536	9.7322	4.6402	5.5786	4.6913	4.0971	4.4905			78.4966	55.9659		35.4404
10	S	73.426	73.281	73.395	74.615	80.953	92.859	93.683			41.001	17.793		80.157
19	Т						5.1524	5.4201	4.2907	6.3754	46.7183		33.8086	·
	S						73.840	77.615	78.420	73.578	68.889		76.162	

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Section Data Report Session: Race

July 20, 2019 NDYCAR



Report:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.8012	9.7775	4.2587	5.4812	4.8606	5.5159	4.2751	3.2199	6.2632	40.6758	3		
20	S	69.674	72.941	79.970	75.941	78.133	68.974	98.403	104.499	74.896	79.123	3		
24	Т	8.0734	10.9448	3.9235	4.0531	4.3531	5.3934	4.6371	3.3643	5.8657	39.6636	5		
21	S	58.694	65.162	86.802	102.699	87.242	70.541	90.721	100.014	79.972	81.142	2		
22	Т	5.0897	7.0600	2.7918	3.3618	2.8697	2.5951	3.0473	2.4175	2.9614	25.1343	3		
22	S	93.102	101.017	121.989	123.818	132.339	146.605	138.051	139.184	158.402	128.048	3		
22	Т	2.7556	4.3680	2.3307	2.8533	2.3142	2.2033	2.7118	2.3193	2.8429	20.3311			
23	S	171.964	163.274	146.123	145.884	164.105	172.675	155.130	145.077	165.004	158.299			
24	Т	2.6903	4.2180	2.2088	2.7131	2.2721	2.1864	2.6417	2.2326	2.8005	19.7455	5		
24	S	176.138	169.081	154.187	153.422	167.146	174.010	159.247	150.711	167.503	162.994	ł I		
25	Т	2.6630	4.1670	2.1835	2.7455	2.2735	2.1576	2.6588	2.2037	2.8326	19.7182	2		
25	S	177.944		155.974	151.612	167.043	176.332	158.222	152.687	165.604	163.220			
26	Т	2.6733	4.2037	2.2148	2.7155	2.2591	2.1584	2.7131	2.2059	2.7812	19.7213	3		
26	S	177.258	169.656	153.769	153.287	168.108	176.267	155.056	152.535	168.665	163.194	}		
27	Т	2.6671	4.1646	2.1786	2.7468	2.2618	2.1623	2.7349	2.2250	2.7845	19.7610			
2/	S	177.670	171.249	156.324	151.540	167.907	175.949	153.820	151.226	168.465	162.866	5		
20	Т	2.6434	4.1741	2.2269	2.7670	2.2957	2.2015	2.7375	2.2174	2.7907	19.8801			
28	S	179.263	170.859	152.934	150.434	165.428	172.816	153.674	151.744	168.091	161.891			
29	Т	2.6608	4.1753	2.1839	2.7883	2.3062	2.1875	2.7205	2.2287	2.7995	19.8754	1		
29	S	178.091	170.810	155.945	149.285	164.675	173.922	154.634	150.975	167.562	161.929)		
20	Т	2.6635	4.1820	2.2062	2.7786	2.2874	2.1737	2.7242	2.2586	2.8115	19.9037	7		
30	S	177.910	170.536	154.369	149.806	166.028	175.026	154.424	148.976	166.847	161.699			
21	Т	2.6492	4.1672	2.2171	2.8201	2.3004	2.1722	2.6656	2.2414	2.8056	19.8716	5		
31	S	178.870	171.142	153.610	147.601	165.090	175.147	157.819	150.119	167.198	161.960			
32	Т	2.6513	4.1624	2.1997	2.7743	2.2824	2.1768	2.7432	2.2899	2.8385	19.9561			
32	S	178.729	171.339	154.825	150.038	166.392	174.777	153.354	146.940	165.260	161.274	1		
33	Т	2.6637	4.1704	2.1980	2.8116	2.3017	2.1710	2.7360	2.2833	2.8157	19.9810			
<u> </u>	S	177.897	171.010	154.945	148.047	164.997	175.244	153.758	147.364	166.598	161.073	3		
34	T	2.6719		2.2390	2.8228	2.3075		2.7789	2.2860	2.8286	20.1464			
J 1	S	177.351	169.515	152.107	147.460	164.582	172.019	151.384	147.190	165.839	159.751			
35	Т	2.6738	4.2227	2.2640	2.8919	2.3260	2.1862	2.7580	2.2853	2.8226	20.2078	3		
33	S	177.225	168.892	150.428		163.273	174.025	152.531	147.235	166.191	159.265	j		
36	T	2.6902	4.2389			2.3086	2.1812	2.7707		2.8440	20.1718			
30	S	176.144	168.247	150.867	147.585	164.503	174.424	151.832	146.339	164.941	159.549			
37	T	2.6812	4.2000	2.1939	2.7625	2.3146	2.1943	2.7588	2.2722	2.8256	20.0031			
3/	S	176.736	169.805	155.234	150.679	164.077	173.383	152.487	148.084	166.015	160.895	5		
20	Т	2.6819	4.2197	2.2122	2.7690	2.3349	2.1921	2.7064	2.2768	2.8749	20.0482	2		
38	S	176.690	169.012	153.950	150.325	162.651	173.557	155.440	147.785	163.168	160.533	3		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	2.6908	4.2069	2.1791	2.7455	2.3195	2.1917	2.7231	2.2693	2.8439	19.9629			
39	S	176.105	169.527	156.288	151.612	163.730	173.589	154.486	148.274	164.946	161.219			
40	Т	2.6629	4.2127	2.2464	2.8648	2.3542	2.2090	2.8385	2.3529	2.9428	20.4715			
40	S	177.950	169.293	151.606	145.298	161.317	172.229	148.206	143.005	159.403	157.214			
41	Т	2.7893	4.3629	2.2716	2.8189	2.3362	2.1828	2.7398	2.3110	2.8782	20.3278			
41	S	169.886	163.465	149.924	147.664	162.560	174.297	153.545	145.598	162.981	158.325			
42	Т	2.6709	4.2348	2.2943	2.9050	2.3408	2.1793	2.7900	2.3416	2.8832	20.4051			
42	S	177.417	168.410		143.287	162.241	174.576	150.782	143.695	162.698	157.725			
43	T	2.7236	4.2782	2.2563	2.8193	2.3334	2.1902	2.7206	2.2956	2.8932	20.2322			
43	S	173.984	166.701	150.941	147.643	162.755	173.708	154.628	146.575	162.136	159.073			
44	T	2.6487	4.1506	2.1933	2.8224	2.3217	2.2022	2.8531	2.3868	2.8804	20.3086			
	S	178.904	171.826	155.277	147.481	163.575	172.761	147.447	140.974	162.856	158.475			
45	Т	2.7690	4.3481	2.2559	2.7654	2.3083	2.2216	2.7604	2.3522	2.9566	20.3894			
45	S	171.132	164.021	150.968	150.521	164.525	171.252	152.399	143.048	158.659	157.847			
46	T	2.7152	4.2717	2.2557	2.7557	2.2969	2.1973	2.7714	2.3295	2.9274	20.2491			
40	S	174.523	166.955	150.981	151.051	165.341	173.146	151.794	144.442	160.241	158.940			
47	Т	2.6910	4.2290		2.8374	2.3518	2.2830	2.8258	2.3344	2.9047	20.4668			
4/	S	176.092	168.641	152.128	146.701	161.482	166.647	148.872	144.139	161.494	157.250			
48	T	2.7016	4.2499		2.8449			3.2629	2.9250	4.0240	22.9143			
40	S	175.401	167.811	152.803	146.314	156.717	151.951	128.929	115.035	116.573	140.454			
49	Т	4.2487	6.6567	3.4929	4.9196	4.3583	4.2170		3.9779	5.1664	35.3543			
	S	111.531	107.137	97.503	84.611	87.138	90.219		84.587	90.796	91.033			
50	LT	5.6180	8.7555	4.5630	5.8037	5.2116	5.4275	5.9862	4.4195	6.0214	43.0509			
	S	84.347	81.455	74.637	71.721	72.871	70.098		76.135	77.904	74.758			
51	工	6.4214	9.9543	4.9522	5.4179	4.8497	5.1231	5.8269	4.6408	6.2305	43.4625			
	S	73.794	71.646		76.829	78.308	74.263		72.504	75.289	74.050			
52	工	6.5931	9.9581	4.7571	5.7820	5.1703	5.7745					1646.5724		43.2358
	S	71.873	71.618	71.592	71.991	73.453	65.885				59.729	0.605		65.705
53	I					4.7606	5.0505	•	4.2107	5.8183	1669.0370		33.1122	
	S					79.774	75.330		79.910	80.623	1.928		77.764	
54	T	5.6053	8.7460	4.4250	5.1729	4.5291	4.8685		4.3004	5.2934	39.3899			
	S	84.538	81.544		80.467	83.852	78.146		78.243	88.618	81.706			
55	I	6.2516	9.2359		5.3508	4.6832	4.9298		4.2184	4.8575	39.7670			
	S	75.799	77.218	79.942	77.792	81.093	77.174		79.764	96.570	80.931			
56	工	5.4871	8.3724		5.2628	4.8556	5.0953		4.5484	6.1101	41.1758			
	S	86.360	85.182	82.174	79.093	78.213	74.668		73.977	76.773	78.162			
57	T	6.4684	9.6423	4.4280	4.5664		2.7122		2.8918	3.4181	30.9734			
	S	73.258	73.964	76.912	91.155	120.974	140.275	125.607	116.356	137.237	103.909			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S	F to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
FO	Т	3.1528	4.9425	2.5842	3.3078	2.6499	2.4699	3.1150	2.6648	3.7336	23.6780			
58	S	150.299	144.296	131.789	125.839	143.316	154.036	135.050	126.267	125.640	135.924			
59	Т	9.0880	11.5365	3.4111	4.0877	5.3395	6.7880	5.5513			59.9154	32.9565		39.6111
59	S	52.142	61.820	99.841	101.830	71.125	56.048	75.781			53.716	30.215		71.717
60	Т						2.7063	3.2641	2.6502	3.1752	33.7872		21.1350	
00	S						140.581	128.881	126.963	147.736	95.255		121.833	
61	Т	2.9660	4.6322	2.4077	2.9859	2.5673	3.3301	3.6403	3.2264	6.7132	27.8369			
01	S	159.765	153.962	141.450	139.405	147.927	114.247	115.562	104.289	69.876	115.616			
62	Т	7.9110	10.7450	3.8853	3.7984	4.3140	5.6395	4.7254	3.1867	5.2724	38.7327			
02	S	59.899	66.373	87.656	109.586	88.033	67.462	89.026	105.588	88.971	83.093			
63	Т	5.1255	7.1314	2.8077	3.1465	2.7173	2.9820	3.2859	2.3189	2.7942	25.1780			
03	S	92.452	100.006	121.298	132.290	139.761	127.584	128.026	145.102	167.880	127.826			
64	T	2.6950	4.3553	2.4464	2.9692	2.3068	2.2126	2.8956	2.3533	2.8117	20.6906			
04	S	175.831	163.750	139.212	140.189	164.632	171.949	145.283	142.981	166.835	155.549			
65	T	2.7758	4.4240	2.3797	2.8686	2.2845	2.2533	2.8704	2.4057	2.8546	20.6926			
05	S	170.712	161.207	143.114	145.106	166.239	168.843	146.559	139.867	164.328	155.534			
66	T	2.7498	4.3327	2.3116	2.8553	2.2875	2.1758	2.7667	2.2259	2.8034	20.1760			
00	S	172.327	164.604	147.330	145.782	166.021	174.857	152.052	151.165	167.329	159.516			
67	T	2.6566	4.2195	2.2725	2.7748	2.2661	2.1895	2.7335	2.2590	2.8631	20.0151			
	S	178.372	169.020	149.865	150.011	167.589	173.763	153.899	148.950	163.840	160.799			
68	T	2.6847	4.2319		2.6815	2.2579		2.7473	2.2322	2.7945	19.7758			
08	S	176.505	168.525	152.961	155.230		176.857	153.126		167.862	162.744			
69	工	2.6584	4.2135	2.2336	2.7184	2.2851	2.1818	2.7087	2.2402	2.8017	19.8279			
	S	178.251	169.261	152.475	153.123	166.195	174.376	155.308	150.200	167.431	162.317			
70	工	2.6703	4.2144		2.7053	2.2847	2.1569	2.7462	2.2840	2.8713	19.9432			
	S	177.457	169.225	153.099	153.865	166.224	176.390	153.187	147.319	163.372	161.378			
71	ഥ	2.6797	4.1749	2.1857	2.7499			2.7198		2.9224	19.9902			
/-	S	176.835	170.826	155.817	151.369		176.136	154.674	146.632	160.516	160.999			
72	ഥ	2.6946	4.2137	2.1824	2.6824			2.7027	2.2311	2.8458	19.8118			
	S	175.857	169.253	156.052	155.178		172.871	155.652	150.812	164.836	162.449			
73	T	2.6061	4.0873	2.1862	2.8166		2.1628	2.6904	2.2174		19.7801			
	S	181.829	174.487	155.781	147.785		175.908	156.364	151.744		162.709			
74	ㅁ	2.6736	4.1689	2.1492	2.6748		2.1569	2.5973	2.2153		19.5400			
	S	177.238	171.072	158.463	155.619		•	161.969	151.888	167.491	164.708		Ļ	
75	ഥ	2.6330	4.0762	2.0787	2.6226			2.5527	2.1910		19.2427			
	S	179.971	174.962	163.837	158.717	169.141	178.735	164.799	153.572	168.085	167.253			
76	ഥ	2.6423	4.1202	2.1363	2.7004			2.6668			19.6542			
	S	179.338	173.094	159.420	154.144	166.684	175.575	157.748	149.519	166.776	163.751			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.7195	4.2298	2.1812	2.7511	2.2948	2.1912	2.6643	2.2320	2.8226	19.8567			
77	S	174.247	168.609	156.138	151.303	165.493	173.628	157.896	150.751	166.191	162.081			
70	Т	2.6629	4.1478	2.1521	2.7178	2.2872	2.1783	2.6619	2.2478	2.8320	19.7400			
78	S	177.950	171.942	158.249	153.157	166.043	174.657	158.038	149.692	165.639	163.040			
79	Т	2.6573	4.1377	2.1366	2.6635	2.2688	2.1611	2.6079	2.2301	2.8168	19.5421			
79	S	178.325	172.362	159.397	156.279	167.389	176.047	161.311	150.880	166.533	164.691			
80	Т	2.6598	4.1359	2.1251	2.6454	2.2564	2.1424	2.6015	2.1900	2.7882	19.4088			
80	S	178.158	172.437	160.260	157.349	168.309	177.583	161.707	153.643	168.241	165.822			
81	Т	2.6294	4.0809	2.1008	2.6703	2.2744	2.1707	2.6390	2.1747	2.7982	19.4575			
01	S	180.217	174.761	162.114	155.881	166.977	175.268	159.410	154.724	167.640	165.407			
82	Т	2.6380	4.1160	2.1439	2.6777	2.2645	2.1496	2.6965	2.2813	2.8317	19.6832			
02	S	179.630		158.855	155.451	167.707	176.989	156.010		165.657	163.510			
83	T	2.6623	4.1626	2.1656		2.2696	2.1756	2.6972	2.2598	2.8402	19.7441			
	S	177.990		157.263		167.330	174.873	155.970		165.161	163.006	-		
84	T	2.6646	4.1810	2.1982	2.7079	2.2950	2.2783	2.8764	2.3479	2.9581	20.3264			
0+	S	177.837	170.577	154.930	153.717	165.478	166.991	146.253	143.310	158.578	158.336			
85	T	2.7789	4.3994	2.3317	2.8083	2.3313	2.2133			2.8338	20.2908			
	S	170.522	162.109	146.060	148.221	162.902	171.895	153.989	148.778	165.534	158.614			
86	工	2.6597	4.1612	2.1715		2.2838	2.1858		•	2.8475	19.8186	•		
	S	178.164	171.388	156.835	153.530	166.290	174.057	155.825		164.738	162.393			
87	T	2.6646	4.1800	2.1797	2.6925	2.2807	2.1553				19.8093			
	S	177.837	170.618	156.245		166.516	176.520		-		162.469			
88	I	2.6864		2.1671	2.6825	2.2700	2.1586				19.8202			
	S	176.394		157.154		167.301	176.251	153.483	•	•	162.380	•		
89	ፗ	2.6606		2.1509		2.2881	2.1887	2.7035			19.7967			
	S	178.104		158.338	153.072	165.977	173.827	155.606			162.573			
90	I	2.6560		2.1631	2.7173	2.2819		-			19.8378			
	S	178.413		157.444		166.428	175.195			164.801	162.236			
91	I	2.6536		2.1862	2.7079	2.2756	•				19.8620	•		
	S	178.574		155.781	153.717	166.889	174.793	153.153		165.330	162.038			
92	T	2.6425		2.1829		2.3264	2.2043			2.9598	20.0661			
	S	179.324		156.016		163.245	172.597	154.509	-		160.390			
93	I	2.7046		2.1836		2.3269					20.0596			
	S	175.207		155.966		163.210	173.028	154.237			160.442			+
94	ፗ	2.6678		2.1662	2.7264	2.2919	2.1712	2.7474			19.8837			
	S	177.623		157.219		165.702	175.228				161.861			
95	I	2.6523		2.1748		2.3213		2.7234			19.9509			
	S	178.661	172.096	156.597	148.005	163.603	173.716	154.469	150.394	165.214	161.316			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI	to PO PO	to SF	SF to PI
0.6	Т	2.6589	4.1893	2.2010	2.7534	2.3161	2.1996	2.8312	2.2684	2.8430	20.0716			
96	S	178.218	170.239	154.733	151.177	163.971	172.965	148.588	148.332	164.999	160.346			
07	Т	2.6556	4.2757	2.4136	3.8189	2.8564	2.4463	3.0118	2.5450	3.0444	22.7920			
97	S	178.439	166.799	141.104	108.997	132.955	155.522	139.678	132.211	154.083	141.207			Ì
00	Т	2.7987	4.4002	2.2979	2.8260	2.3405	2.2092	2.7416	2.3119	2.8822	20.4080			Ì
98	S	169.316	162.079	148.208	147.293	162.261	172.214	153.444	145.541	162.754	157.703			
99	Т	2.7005	4.2325	2.2020	2.7125	2.2884	2.1859	2.6930	2.2590	2.8395	19.8808			
99	S	175.473	168.501	154.663	153.456	165.956	174.049	156.213	148.950	165.202	161.885			
100	T	2.6771	4.1822	2.1567	2.7230	2.3009	2.1967	2.7374	2.2486	2.8281	19.8685			
100	S	177.006	170.528	157.912	152.864	165.054	173.194	153.679	149.639	165.868	161.985			
101	Т	2.6585	4.1690	2.1942	2.8032	2.3159	2.2129	2.7742	2.2703	2.8346	20.0638			
101	S	178.245	171.068	155.213	148.491	163.985	171.926	151.641	148.208	165.488	160.408			
102	Т	2.6636	4.1790	2.2009	2.7361	2.2947	2.1797	2.7417	2.2596	2.8296	19.9059			
102	S	177.903	170.658	154.740	152.133	165.500	174.544	153.438	148.910	165.780	161.681			
103	Т	2.8254	4.5783	2.5196	2.9016	2.3690	2.2785	2.8898	2.3845	2.9177	21.0861			
103	S	167.716	155.774	135.168	143.455	160.309	166.976	145.575	141.110	160.774	152.631			
104	Т	2.7171	4.3471	2.3570	2.8096	2.3324	2.2582	2.8132	2.3082	2.8942	20.4899			
104	S	174.401	164.059	144.492	148.153	162.825	168.477	149.539	145.775	162.080	157.073			
105	Т	2.7607	4.3164	2.2509	2.7685	2.3026	2.2011	2.8250	2.3359	2.9202	20.3649			
105	S	171.646	165.226	151.303	150.352	164.932	172.847	148.914	144.046	160.637	158.037			
106	Т	2.7718	4.3650	2.3027	2.7885	2.3290	2.1931	2.7808	2.3293	2.8753	20.3705			
100	S	170.959	163.386	147.900	149.274	163.063	173.478	151.281	144.454	163.145	157.993			
107	Т	2.6920	4.2334	2.2391	2.7752	2.3035	2.1968	2.8003	2.3105	2.8724	20.1898			
107	S	176.027	168.465	152.100	149.989	164.868	173.186	150.227	145.630	163.310	159.407			
108	Т	2.6842	4.2291	2.2449	2.7640	2.3045	2.1844		2.2304	2.8218	19.9334			
100	S	176.538	168.637	151.708	150.597	164.796	174.169	155.854	150.860	166.238	161.458			
109	Т	2.6658	4.1668	2.1624	2.7397	2.2975	2.1805	2.6735	2.2066	2.8039	19.7299			
109	S	177.757	171.158	157.495	151.933	165.298	174.480	157.352	152.487	167.299	163.123			
110	T	2.6523	4.1635	2.1778		2.2890	2.1712	2.6795	2.2214	2.8108	19.7119			
110	S	178.661	171.294	156.382	153.603	165.912	175.228	157.000	151.471	166.889	163.272			
111	Т	2.6542	4.1635	2.1740		2.2961	2.1845		2.2095	2.7976	19.7094			
	S	178.534	171.294	156.655		165.399	174.161	157.164	152.287	167.676	163.293			
112	T	2.6533	4.1543	2.1571	2.7422	2.2992	2.1893		2.3042	2.8613	19.9078			
-112	S	178.594	171.673	157.882	151.794	165.176	173.779	155.739	146.028	163.943	161.665			
113	Т	2.6883	4.2237	2.2048		2.2991	2.2002	2.7383	2.2446	2.8307	19.9611			
113	S	176.269	168.852	154.467	151.083	165.183	172.918		149.905	165.716	161.234			
114	Т	2.6873	4.2150	2.1891	2.7675	2.3704	2.2453	2.7653	2.2730	2.8485	20.1464			
114	S	176.334	169.201	155.575	150.407	160.215	169.445	152.129	148.032	164.680	159.751			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S ^S	F to T1		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6801	4.2192	2.2336	2.7659	2.3146	2.1898	2.7401	2.3029	2.8536	20.0806			
115	S	176.808	169.032	152.475	150.494	164.077	173.739	153.528	146.110	164.386	160.274			
116	Т	2.7012	4.2457	2.2052	2.7080	2.2890	2.2020	2.7979	2.3238	2.8784	20.1055			
116	S	175.427	167.977	154.439	153.711	165.912	172.777	150.356	144.796	162.969	160.076			
117	Т	2.7045	4.2561	2.2536	2.8203	2.3438	2.2307	2.8488	2.3748	2.8842	20.4607			
117	S	175.213	167.567	151.122	147.591	162.033	170.554	147.670	141.687	162.642	157.297			
118	T	2.6892	4.2206	2.2183	2.8258	2.3436			2.3049	2.8466	20.2007			
110	S	176.210	168.976	153.527	147.303	162.047	171.585	152.698	145.983	164.790	159.321			
119	I	2.6753				2.3056			2.2610		19.9251			
	S	177.125		154.874	151.127	164.718	173.930	155.601	148.818	165.237	161.525			
120	I	2.6758	4.2000			2.3341	2.2266	2.8048	2.3136	2.8688	20.1972			
120	S	177.092	169.805		-	162.706		1			159.349			
121	ㅁ	2.7377	4.3239			2.3304	2.2482		2.3279		20.5167			
121	S	173.088	164.939	•		162.965	169.226	+	144.541	164.611	156.867	-		
122	ፗ	2.6986				2.4701	2.2666	-	-	-	21.1812			
	S	175.596	165.575	143.470		153.748	167.853		142.256		151.946			
123	T	2.7050		2.2343		2.3228	2.2344				20.3179		_	
	S	175.181	167.800	152.427	148.916		-	147.231	144.846		158.402			
124	ፗ	2.7151	4.2893	•	·	2.3222	2.2099			+	20.3134			
	S	174.529			147.028	163.540			145.227	165.394	158.437			
125	I	2.6886				2.3692	2.2253			2.8697	20.5797			
	S	176.249	166.441	148.041	141.920	160.296	170.968			163.463	156.387			
126	ፗ	2.7011	4.2745			2.3399	2.2940		2.3315		20.6037		_	
	S	175.434	•	•		162.303	165.848		144.318		156.205	-		
127	ᄑ	2.7086				2.3334	2.2270				20.3121			
	S	174.948	167.088	152.236		162.755	170.837	149.252	145.819	-	158.447		+	
128	I	2.7132				2.3579		2.8513		2.9470	20.7526		+	+
	S	174.651	165.058			161.064	170.447	147.540			155.084		+	+
129	I	2.7314		2.3077	2.9937	2.3777	2.3082	2.8820		+	20.9116		+	+
	S	173.487	165.583	147.579		159.723	164.827	145.969	142.256		153.905		+	+
130	S	2.7820				2.3640	2.2366			-	20.7701		+	+
	T	170.332	161.211 4.3114	143.488		160.648	170.104		142.105		154.954		+	+
131	S	2.7215				2.3583	2.2438		2.3252		20.5708		+	+
	T	174.119 2.7148		+		161.037 2.3334	169.558 2.2500		144.709 2.3658	162.259 2.9154	156.455 20.6150	-	+	+
132	-								-	-			+	+
	S	174.548		147.855 2.3101		162.755 2.3557	169.091	145.394 2.9202	142.226		156.119 20.8517		+	+
133	T	2.7522					2.2737						+	+
L	S	172.176	164.131	147.426	143.683	161.214	167.328	144.059	140.035	159.555	154.347			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



July 20, 2019

Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S	F to T1 5	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	2.7693	4.3741	2.3129	2.8318	2.3291	2.3172	2.8763	2.4097	2.8989	20.7452			
134	S	171.113	163.047	147.247	146.991	163.056	164.187	146.258	139.635	161.817	155.140			
135	T	2.7296	4.3420	2.3248	2.8541	2.3778	2.2690	3.0385	2.4571	2.9344	20.9853			
135	S	173.602	164.252	146.494	145.843	159.716	167.675	138.450	136.941	159.859	153.364			
136	T	2.7696	4.4114	2.3760	2.9262	2.3681	2.2691	2.9351	2.3727	2.9094	20.9262			
130	S	171.095	161.668	143.337	142.249	160.370	167.668	143.328	141.812	161.233	153.798			
137	T	2.7339	4.3792	2.3650	2.9114	2.3984	2.3024	2.9537	2.3400	2.9010	20.9058			
137	S	173.329	162.857	144.003	142.972	158.344	165.243	142.425	143.794	161.700	153.948			
138	T	2.8532	4.6170	2.5147	3.0033	2.4508	2.8701	4.0860			46.9208	36.0314		23.5142
136	S	166.081	154.469	135.431	138.598	154.959	132.558	102.957			68.592	27.637		120.812
139	Т						2.4959	2.8777	2.2594	2.8191	31.7192		19.0944	
139	S						152.432	146.187	148.923	166.397	101.465		134.853	
140	T	2.6754	4.1946	2.1753	2.6355	2.2451	2.1535	2.7471	2.1866	2.7931	19.6116			
140	S	177.119	170.024	156.561	157.940	169.156	176.668	153.137	153.881	167.946	164.107			
141	T	2.6577	4.1643	2.1620	2.6235	2.2476	2.1578	2.6357	2.1440	2.7455	19.3738			
141	S	178.298	171.261	157.525	158.662	168.968	176.316	159.609	156.939	170.858	166.121			
142	T	2.6281	4.1007	2.1231	2.6346	2.2539	2.1627	2.6234	2.1545	2.7521	19.3324			
142	S	180.307	173.917	160.411	157.994	168.496	175.916	160.357	156.174	170.448	166.477			
143	ፗ	2.6106	4.0575	2.0851	2.5811	2.2183	2.1329	2.5790	2.0978	2.7053	19.0101			
143	S	181.515	175.769	163.334	161.268	171.200	178.374	163.118	160.395	173.397	169.299			
144	T	2.5978	4.0622	2.0963	2.6149	2.2425	2.1478	2.6029	2.1358	2.7514	19.1894			
144	S	182.410	175.565	162.462	159.184		177.137	161.620	157.542	170.492	167.718			
145	工	2.6164	4.0815	2.1094	2.5988			2.6306	2.1786	2.7740	19.2566			
143	S	181.113	174.735	161.453	160.170	171.146	178.634	159.919	154.447	169.103	167.132			
146	LT	2.6755	4.1709	2.1266	2.6131	2.2311	2.1335	2.5601	2.1307	2.8958	19.3664			
140	S	177.112	170.990	160.147	159.294	170.218	178.324	164.322	157.919	161.990	166.185			
147	口	2.7850	4.3658	2.2547	2.6563	2.2540	2.1733	2.5897	2.1730	2.7895	19.6755			
17/	S	170.149	163.357	151.048	156.703	168.488	175.058	162.444	154.845	168.163	163.574			
148	口	2.6299	4.0716	2.0881	2.6452	2.2512	2.1414	2.5817	2.1554	2.7737	19.2666			
170	S	180.183	175.160	163.100	157.361	168.698	177.666	162.948	156.109	169.121	167.046			
149	T	2.6250	4.0825	2.0960	2.6262	2.2484	2.1435	2.5595	2.1858	2.8704	19.3548			
179	S	180.519	174.692	162.485	158.499	168.908	177.492	164.361	153.938	163.424	166.284			
150	LT	2.6458	4.0775	2.0648	2.6279	2.2378	2.1421	2.5901	2.1963	2.8436	19.3484			
130	S	179.100	174.907	164.940	158.396	169.708	177.608	162.419	153.202	164.964	166.339			
151	工	2.6682	4.1619	2.1493	2.6910	2.2812	2.1864	2.7169	2.2661	2.8377	19.7968			
131	S	177.597	171.360	158.455	154.682	166.479	174.010	154.839	148.483	165.307	162.572			
152	T	2.6522	4.1511	2.1777	2.7394	2.2876	2.2139	2.8289	2.3038	2.8262	20.0297			
152	S	178.668	171.806	156.389	151.949	166.014	171.848	148.709	146.053	165.979	160.681			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 31 - Karam, Sage

Section Data Report

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	2.6747	4.2446	2.2735	2.8084	2.2895	2.2469	2.8022	2.2337	2.7884	20.1173			\top
153	S	177.165	168.021	149.799		165.876	169.324			168.229	159.982			1
454	Т	2.6434	4.1810	2.2807	3.0958	2.4139	2.2619	2.7621	2.2527	2.8298	20.5403		T	
154	S	179.263	170.577	149.326	134.456	157.327	168.201	152.305	149.366	165.768	156.687			T
155	Т	2.6869	4.2136	2.1918	2.7331	2.3071	2.1948	2.7225	2.2392	2.8394	19.9148			1
155	S	176.361	169.257	155.383	152.300	164.610	173.344	154.520	150.267	165.208	161.608			Т
156	Т	2.6608	4.1529	2.1443	2.7100	2.2830	2.1627	2.6610	2.2438	2.8334	19.6990			
130	S	178.091	171.731	158.825	153.598	166.348	175.916	158.092	149.959	165.558	163.379			
157	T	2.6596	4.1384	2.1424	2.8085	2.4324	2.3454	2.8014	2.3633	2.8962	20.4492			
157	S	178.171	172.333	158.966	148.211	156.131	162.213	150.168	142.376	161.968	157.385			
158	Т	2.7918	4.4327	2.3515	2.8331	2.3366	2.2314	2.7357	2.2724	2.8543	20.4068			
130	S	169.734	160.891	144.830	146.924	162.532	170.500	153.775	148.071	164.345	157.712			
159	T	2.6770	4.1717	2.1512	2.7207	2.2914	2.2239	2.7217	2.2271	2.8330	19.8460			
139	S	177.013	170.957	158.315	152.994	165.738	171.075	154.566	151.083	165.581	162.169			
160	T	2.6790	4.1638	2.1380	2.6846	2.2667	2.1553	2.6516	2.1579	2.7995	19.5326			
100	S	176.881	171.281	159.293	155.051	167.544	176.520	158.652	155.928	167.562	164.771			
161	T	2.6559	4.1283	2.1140	2.6352	2.2475	2.1467	2.6631		2.8443	19.5307			
101	S	178.419	172.754	161.101	157.958	168.976	177.228	157.967	151.294	164.923	164.787			
162	T	2.6810	4.1703	2.1421	2.6866	2.2854	2.2294	2.8691	2.3197	2.8985	20.1118			
102	S	176.749	171.015	158.988	154.936	166.173	170.653	146.625	145.052	161.839	160.025			
163	Т	2.7215	4.2386	2.1834	2.7048	2.2746	2.1915	2.6811	2.2263	2.8136	19.7968			
103	S	174.119	168.259	155.981	153.893	166.962	173.605	156.906		166.723	162.572			
164	工	2.6639	4.1503	2.1472	2.7386	2.2935	2.1860	2.7340	2.2544	2.8336	19.8512			
104	S	177.883	171.839	158.610		165.587	174.041	153.870	•	165.546	162.126			
165	ፗ	2.6502	4.1237	2.1289	2.6903	2.2932	2.1764	2.6862	2.2273	2.8520	19.7045			
103	S	178.803	172.947	159.974	154.723	165.608	174.809	156.609		164.478	163.333			
166	T	2.6655	4.1313	2.1106		2.2662	2.1600			2.8258	19.5832			
100	S	177.777	172.629	161.361	156.250	167.581	176.136			166.003	164.345			
167	I	2.6676	4.1598	2.1519		2.2688	2.1674		+	2.8500	19.7864			
	S	177.637	171.446	158.264		167.389	175.535	155.474		164.593	162.657			+
168	T	2.8419	4.4433	2.2818		2.3603	2.2128			2.8583	20.3627			+
100	S	166.742	160.507	149.254		160.900	171.934			164.115	158.054			
169	I	2.7072	4.2138	2.1591	2.6609	2.2758	2.1525			2.8163	19.6732			
	S	175.038	169.249	157.736	+	166.874	176.750	156.901	151.553	166.563	163.593			+
170	ፗ	2.6457	4.0911	2.1016		2.2700	2.1564			2.8401	19.5531			+
	S	179.107	174.325	162.052	154.936	167.301	176.430			165.167	164.598			
171	I	2.6594	4.1207	2.1051	2.6770	2.2801	2.1739				19.6333			
1/1	S	178.184	173.073	161.782	155.491	166.560	175.010	156.760	150.893	166.091	163.926			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 31 - Karam, Sage

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6443	4.1135	2.1179	2.7105	2.2979	2.1839	2.6819	2.2419	2.8341	19.7124			
172	S	179.202	173.376	160.805	153.569	165.269	174.209	156.860	150.086	165.517	163.268			
172	Т	2.6560	4.1584	2.1637	2.7021	2.2954	2.2384	2.7405	2.2997	2.8786	19.9744			
173	S	178.413	171.504	157.401	154.047	165.449	169.967	153.505	146.314	162.958	161.126			
174	Т	2.6865	4.1864	2.1481	2.6999	2.3181	2.2207	2.7384	2.2940	2.8958	20.0015			
1/4	S	176.387	170.357	158.544	154.172	163.829	171.322	153.623	146.677	161.990	160.908			
175	Т	2.6793	4.1352	2.0982	2.7568	2.3464	2.2521	2.7974	2.3595	2.9082	20.1979			
1/5	S	176.861	172.466	162.314	150.990	161.853	168.933	150.383	142.605	161.299	159.343			
176	Т	2.6876	4.1765	2.1538	2.7806	2.3541	2.2208	2.7354	2.3265	2.9074	20.1662			
170	S	176.315	170.761	158.124	149.698	161.324	171.314	153.792	144.628	161.344	159.594			
177	T	2.6993	4.2115		2.7771	2.3164	2.2223	2.8590	2.3625	2.9397	20.3637			
1//	S	175.551	169.342	155.695	149.887	163.950	171.199	147.143	142.424	159.571	158.046			
178	ᄑ	2.6906	4.2102	2.1953	2.8167	2.3348	2.2093	2.7828	2.3287	2.8837	20.2419			
176	S	176.118	169.394	155.135	147.779	162.657	172.206	151.172	144.491	162.670	158.997			
179	T	2.6885	4.2021	2.2032	2.8286		2.1978	2.7637	2.3139	2.8990	20.2324			
179	S	176.256	169.720	154.579	147.158			152.217	145.416	161.811	159.072			
180	T	2.6932	4.2230	2.2164	2.7966		2.1917	2.7072	2.2746	2.8434	20.0456			
100	S	175.948	168.880	153.658	148.841	163.519	173.589	155.394	147.928	164.975	160.554			
181	工	2.6554	4.1766		2.7022	2.2841	2.2598	2.7944	2.3596	2.9381	20.2009			
101	S	178.453	170.757	154.292	154.041	166.268			142.599	159.658	159.320			
182	T	2.8319	4.4812	2.3676	2.7952	2.3182		2.7521	2.3305	4.2126	21.8303			
102	S	167.331	159.150		148.916	163.822	171.206	152.858	144.380	111.354	147.428			
183	Т	3.3278	5.0958	2.5772	3.6564	3.2343	3.1472	4.3061	4.1001	5.2232	29.5723			
100	S	142.395	139.955	132.147	113.841	117.420	120.887	97.694	82.066	89.809	108.832			
184	T	4.0947	6.1317	2.8972	3.6341	3.7381	3.6304	4.3846	3.6356	5.3168	31.3315			
	S	115.726	116.311	117.551	114.540	101.595	104.797	95.945	92.551	88.228	102.721			
185	Т	5.2483	7.6460	3.4170	4.4030	4.1764	4.2406	5.0143	4.7504	6.7087	37.9587			
	S	90.289	93.275	99.669	94.538	90.933	89.717	83.896	70.831	69.923	84.787			
186	T	6.3865	9.5025	4.4799	5.7464	5.0613	5.3875	6.0002	4.9082	6.0964	44.0664			
	S	74.198	75.052	76.021	72.437	75.035	70.618	70.111	68.554	76.946	73.035			
187	Т	6.2708	9.7589	5.0304	6.0113	4.5665	4.7908	6.0856	4.0106	5.1126	41.8786			
	S	75.567	73.080	67.702	69.245	83.165	79.414		83.897	91.752	76.851			
188	T	6.0729	9.3779	4.7287	5.7127	4.9079	5.0760	6.4132	4.6820	6.2665	43.8599			
	S	78.029	76.049	72.022	72.864	77.380	74.952	65.596	71.866	74.857	73.379			
189	T	6.0992	9.2590	4.5186	5.7316	4.9842	4.3794	4.0541	3.3202	4.1937	37.2810			
L	S	77.693	77.026	75.370	72.624		86.874		101.342	111.856	86.328			
190	Т	3.9900	6.0402	2.9827	4.0689	3.3031	3.1093	3.7633	3.2190	4.3547	28.7910		1	
	S	118.763	118.073	114.181	102.300	114.975	122.360	111.785	104.529	107.721	111.785			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 31 - Karam, Sage

Race

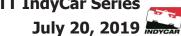
Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	4.0016	5.9832	2.8327	3.5306	3.0249	2.8043	3.4084	2.9702	3.9603	26.5330			
191	S	118.419	119.197	120.227	117.898	125.549	135.668	123.425	113.284	118.448	121.298			
102	Т	5.6884	8.8425	4.4871	5.5563	4.9376	5.1964	5.3502	3.7742	5.3193	40.3095			
192	S	83.304	80.654	75.899	74.915	76.914	73.215	78.629	89.152	88.187	79.842			
193	Т	6.0122	9.1940	4.5487	5.4061	5.0843	4.9368	5.1964			291.9162			37.3671
193	S	78.817	77.570	74.872	76.996	74.695	77.065	80.956			11.025			76.024

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap F	I to PO	PO to SF	SF to PI
	Т	7.6147	11.1202	4.5771	4.3605	6.4011	4.3099	4.0658	3.2971	4.6060	39.2322		32.7795	5
1	S	62.230	64.134	74.407	95.459	59.329	88.275	103.468	102.052	101.843	82.035		78.553	В
	Т	3.7535	5.7022	2.7915	3.4611	2.6503	2.6566	3.2697	2.3660	2.8221	23.7708			
2	S	126.246	125.071	122.002	120.265	143.294	143.211	128.661	142.214	166.221	135.393			
3	Т	2.8242	4.4994	2.4219	2.9285	2.3189	2.2208	2.8004	2.2445	2.7511	20.5103			
	S	167.787	158.506	140.620	142.138	163.773	171.314	150.222	149.912	170.510	156.916			
4	Т	2.8259	4.5155	2.4320	2.9203	2.3326	2.2174	2.7642	2.2555	2.7884	20.5363			
4	S	167.686	157.941	140.036	142.537	162.811	171.577	152.189	149.181	168.229	156.718			
	Т	2.7503	4.3489	2.3058	2.8165	2.2879	2.2071	2.8228	2.2405	2.7476	20.1785			
5	S	172.295	163.991	147.701	147.790	165.992	172.378	149.030	150.180	170.728	159.496			
6	Т	2.6855	4.2549	2.2679	2.7739	2.2616	2.1771	2.7645	2.1876	2.7178	19.8359			
6	S	176.453	167.614	150.169	150.059	167.922	174.753	152.173	153.811	172.599	162.251			
7	T	2.7123	4.3547	2.3721	2.8601	2.2947	2.1650	2.6954	2.2183	2.7582	20.0761			
	S	174.709	163.773	143.572	145.537	165.500	175.730	156.074	151.682	170.071	160.310			
	Т	2.6936	4.2527	2.2549	2.7850	2.2729	2.1508	2.6733	2.1802	2.7309	19.7416			
8	S	175.922	167.701	151.035	149.461	167.087	176.890	157.364	154.333	171.772	163.026			
9	Т	2.6714	4.1989	2.2127	2.7401	2.2550	2.1559	2.6839	2.2040	2.7575	19.6805			
9	S	177.384	169.850	153.915	151.911	168.414	176.471	156.743	152.667	170.115	163.532			
10	T	2.6785	4.1955	2.1963	2.7623	2.2805	2.1630	2.6718	2.2144	2.7577	19.7245			
	S	176.914	169.987	155.065	150.690	166.530	175.892	157.453	151.950	170.102	163.168			
11	Т	2.6602	4.1547	2.1782	2.8242	2.3081	2.1688	2.6605	2.1980	2.7456	19.7436			
	S	178.131	171.657	156.353	147.387	164.539	175.422	158.121	153.083	170.852	163.010			
12	T	2.6557	4.1461	2.1727	2.8708	2.3274	2.1745	2.6583	2.2294	2.7660	19.8548			
	S	178.433	172.013	156.749	144.994	163.175	174.962	158.252	150.927	169.592	162.097			
13	Т	2.6616	4.1434	2.1581	2.7998	2.2839	2.1492	2.6672	2.3119	2.8254	19.8571			
13	S	178.037	172.125	157.809	148.671	166.283	177.021	157.724	145.541	166.026	162.078			
14	Т	2.7580	4.2948	2.2247	2.7777	2.2778	2.1409	2.6479		2.8556	20.0357			
14	S	171.814	166.057	153.085	149.854		177.708		142.993	164.271	160.633			
15	T	2.7181	4.2422	2.2173	2.8152		2.1567	2.6858	2.6451	4.3424	21.8716			
	S	174.336	168.116	153.596	147.858	165.767	176.406		127.208	108.026	147.150			
16	T	4.1297	6.1863	2.9785	3.6680	2.9784	2.7789		2.9727	4.2802	27.2588			
	S	114.745	115.284	114.342	113.481	127.509	136.908	121.150	113.189	109.596	118.068			
17	Т	4.2214	6.4096	3.1294	3.7208	3.0696	2.8683	3.5136	3.0865	4.1872	27.7968			
	S	112.253	111.268	108.829	111.871	123.721	132.641	119.730	109.016	112.030	115.783			
18	Т	4.1632	6.2086	2.9312	3.6345	3.2232	4.0315	5.4616	4.6144	6.7670	34.8266			
10	S	113.822	114.870	116.187	114.527	117.825	94.370	77.025	72.919	69.320	92.412			
19	Т	6.3236	9.0681	3.9170	4.9045	4.5967	4.4253				55.2359	33.2294		34.6750
19	S	74.936	78.647	86.946	84.871	82.619	85.973	99.168			58.266	29.967		81.926

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

TAG July 20, 2019 INDYCAR

Section Data for Car 4 - Leist, Matheus

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т						2.7809	3.2539	2.5421	3.1405	33.9215		21.2530	
20	S						136.810	129.285	132.362	149.368	94.878		121.157	
24	Т	3.4126	5.3375	2.7788	3.3450	2.8089	3.5807	5.3706	4.6294	5.6731	31.5991			
21	S	138.857	133.617	122.559	124.439	135.203	106.251	78.331	72.683	82.687	101.851			
22	Т	4.9430	7.6267	3.8866	5.4191	4.9945	5.7146	3.9503	3.3148	6.4346	38.6575			
	S	95.866	93.511	87.626	76.812	76.038	66.576	106.494	101.508	72.901	83.254			
23	Т	8.1489	10.9794	3.8142	4.1395	4.2910	5.4347	4.4315	3.4700	5.9822	39.7120			
	S	58.151	64.956	89.290	100.556	88.504	70.005	94.930	96.968	78.414	81.044			
24	Т	4.3988	6.3137	2.7687	3.7997	3.1737	2.6097	2.9435	2.2534	2.7571	24.7046			
24	S	107.726	112.958	123.007	109.548	119.662	145.785	142.919	149.320	170.139	130.275			
25	T	2.7353	4.3346	2.3089	2.7514	2.2411	2.1433			2.7245	19.7162			
	S	173.240	164.532	147.502	151.287	169.458	177.509	158.568	155.870	172.175	163.236			
26	T	2.6569	4.1665	2.1859	2.7447	2.2541			2.2174	2.7558	19.6421			
	S	178.352	171.170	155.802	151.656	168.481	177.335	156.860	151.744	170.220	163.852			
27	Т	2.6678	4.2192	2.2505	2.8117	2.3118	2.1628	2.6894	2.2606	2.7818	19.9364			
	S	177.623	169.032	151.330	148.042	164.276		156.422	148.844	168.629	161.433			
28	T	2.8017	4.4062	2.2978	2.7158	2.2678	2.1330	2.6372	2.2101	2.7430	19.8064			
20	S	169.134	161.859	148.215	153.270	167.463	178.366	159.518	152.245	171.014	162.493			
29	T	2.6075	4.0821	2.1391	2.6665	2.2537	2.1401			2.8003	19.4354			
29	S	181.731	174.710	159.211	156.104	168.511	177.774	159.373	153.741	167.515	165.595			
30	T	2.6432	4.0923	2.1023	2.7217	2.2844	2.1403	2.6113	2.1942	2.7517	19.4491			
	S	179.276	174.274	161.998	152.938	166.246				170.473	165.478			
31	LT	2.6176		2.0854	2.6505	2.2529	2.1337	2.6231	2.2949	2.7966	19.4547			
J-	S	181.030	175.734	163.311	157.046	168.571	178.307	160.376		167.736	165.430			
32	口	2.6372	4.0934	2.1044	-	2.2515			-	2.7673	19.2662			
J-	S	179.684	174.227	161.836	157.659	168.675				169.512	167.049			
33	Т	2.6325	4.0827	2.1039		2.3065		2.6642		2.8330	19.7877		ļ	
	S	180.005	174.684	161.875	150.537	164.653	176.783			165.581	162.646		ļ	
34	I	2.6713	4.1350			2.3064				2.7750	19.5590		<u> </u>	
<u> </u>	S	177.391	172.474	160.736		164.660		160.529		169.042	164.548		ļ	
35	Т	2.7851	4.3767	2.2948		2.2833				2.8266	20.3727			
<u> </u>	S	170.142	162.950	148.409	148.873	166.326				165.956	157.976		ļ	
36	I	2.6581	4.1742	2.2053	2.8557	2.3181				2.7748	19.9682			
<u> </u>	S	178.272	170.855	154.432	145.761	163.829	174.833	154.350		169.054	161.176		ļ	
37	I	2.6325	4.1399	2.2002	2.8997	2.3379		2.7159			20.0160			
L	S	180.005			-	162.442	-			168.235	160.791			
38	T	2.6614								2.8638	20.4174		ļ	
	S	178.051	169.688	151.303	144.783	163.582	171.879	146.958	142.057	163.800	157.630			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
30	Т	2.7647	4.3461	2.2852	2.9196	2.3948	2.1954	2.7246	2.3182	2.8403	20.4428			
39	S	171.398	164.097	149.032	142.571	158.582	173.296	154.401	145.146	165.155	157.434			
40	Т	2.7022	4.2462	2.2505	2.8645	2.3245	2.1758	2.7116	2.2915	2.8096	20.1302			
40	S	175.362	167.958	151.330	145.313	163.378	174.857	155.142	146.837	166.960	159.879			
41	Т	2.6910	4.1997	2.1807	2.7988	2.3328	2.1786	2.7070	2.2634	2.7908	19.9431			
41	S	176.092	169.817	156.174	148.724	162.797	174.633	155.405	148.660	168.085	161.379			
42	Т	2.6985	4.2278	2.2238	2.8156	2.3005	2.1612	2.6795	2.2545	2.7906	19.9242			
42	S	175.603	168.689	153.147	147.837	165.083	176.039	157.000	149.247	168.097	161.532			
43	T	2.6897	4.1988	2.1950	2.8060	2.3033	2.1720	2.6954	2.3077	2.8359	20.0050			
43	S	176.177	169.854	155.156	148.343	164.882	175.163	156.074	145.806	165.412	160.880			
44	Т	2.7388	4.2873	2.2488	2.8459	2.3178	2.1869	2.7219	2.3073	2.8377	20.2051			
44	S	173.019	166.348	151.444	146.263	163.851	173.970	154.554	145.832	165.307	159.287			
45	T	2.7151	4.2361	2.2094	2.8461	2.3292	2.1901	2.7136	2.2948	2.8343	20.1326			
45	S	174.529	168.358	154.145	146.253	163.049	173.716	155.027	146.626	165.505	159.860			
46	Т	2.7045	4.2200	2.2016	2.8128	2.3148	2.1720	2.6793	2.3092	2.8636	20.0578			
40	S	175.213	169.000	154.691	147.984	164.063	175.163	157.012	145.712	163.812	160.456			
47	T	2.6818	4.1798	2.1819	2.8529			2.7082	2.3162	2.8492	20.1122			
/	S	176.696	170.626	156.088	145.904	162.518	174.105	155.336	145.271	164.640	160.022			
48	T	2.6921	4.2050		2.8094	2.3075	2.1609			2.8405	19.9652			
40	S	176.020	169.603	155.008	148.163	164.582	176.063	157.565	147.075	165.144	161.200			
49	Т	2.6880	4.1918		2.8080		2.1596		2.2597	2.7928	19.8606			
77	S	176.289	170.137	155.866	148.237	164.240	176.169	-	148.904	167.964	162.049			
50	LT	2.6661	4.1763	2.1997	2.8741		2.1825	2.7126	2.5237	3.4609	20.9640			
	S	177.737	170.769	154.825	144.828		174.321	155.084	133.327	135.540	153.520			
51	工	3.8509	6.0203	3.1482	3.9812	3.2989	3.5322	3.8870	3.1347	4.1173	28.9504			
J.	S	123.053	118.463	108.179	104.554	115.121	107.710		107.340	113.932	111.169			
52	工	4.1334	6.3908		3.9009	3.1579	2.9280		3.2722	4.3593	28.6875			
J-	S	114.643	111.595		106.706	120.261	129.937	113.361	102.829	107.607	112.188			
53	工	4.8684	7.4061	3.6414	4.9882	4.8268	5.7889	•	5.2905	6.5791	42.4891			
	S	97.335	96.297	93.527	83.447	78.680	65.721	64.663	63.600	71.300	75.746			
54	Т	6.8049	9.7976	4.2764	6.1444	4.9146	4.9291	5.6196	4.6857	6.2385	43.6132			
J	S	69.636	72.791	79.639	67.745		77.185		71.809	75.193	73.794			
55	T	6.7753	10.3632	5.0630	6.2591	6.1590	6.5461	8.3691				1648.3106		52.9511
	S	69.940	68.819	67.266	66.503	61.661	58.119				42.000	0.604		53.649
56	I						2.9986		2.8904	3.8261	1648.2676		23.6339	
	S						126.877	113.919	116.412	122.603	1.953		108.951	
57	T	5.0574	7.8887	4.0709	4.9356		4.1604		4.3607	5.9020	37.6330			
	S	93.697	90.405	83.659	84.336	93.503	91.447	82.740	77.161	79.480	85.521			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR



Section Data for Car 4 - Leist, Matheus

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
F0	Т	4.9638	7.0082	2.9101	3.3563	3.3850	3.6933	4.2919)		50.0517	33.6778		29.0555
58	S	95.464	101.764	117.030	124.020	112.193	103.012	98.018	3		64.302	29.568		97.771
F0	Т						3.2816	4.3436	3.5045	4.7718	39.2162		26.5346	5
59	S						115.936	96.851	96.013	98.305	82.068		97.041	
60	Т	4.5000	6.6278	3.0385	3.5321	2.9093	3.2869	3.4184	2.9162	6.4968	30.0982			
60	S	105.303	107.605	112.084	117.848	130.537	115.749	123.064	115.382	72.203	106.930			
61	Т	9.3110	11.8791	3.5251	4.1731	5.4970	6.6477	5.1963	3.6472	6.5394	44.5368			
61	S	50.893	60.037	96.612	99.746	69.087	57.231	80.958	92.256	71.733	72.264			
62	Т	4.5677	6.5835	2.9338	4.5488	3.8369	4.0664	4.2241	3.6839	5.2297	33.0913			
02	S	103.742	108.329	116.084	91.508	98.979	93.561	99.591	91.337	89.697	97.258			
63	Т	7.4928	10.9173	4.4749	3.5396	4.8330	7.5636	4.2797	4.1930	7.0639	43.4405			
03	S	63.243	65.326	76.106	117.598	78.579	50.301	98.297	80.247	66.407	74.088			
64	Т	7.9359	10.8802	3.9875	3.8113	4.2898	5.9184		3.1615	4.9328	38.1279			
04	S	59.711	65.549	85.409	109.215	88.529	64.283	102.839	106.430	95.096	84.411			
65	Т	4.8583	6.8519	2.8559	3.5251	3.3027	3.5930	3.8584	2.4759	2.9363	27.4056			
05	S	97.537	104.085	119.251	118.082	114.989	105.888	109.030	135.901	159.756	117.436			
66	Т	2.7907	4.4643	2.4258	2.9056	2.3477	2.2545	2.9760	2.2865	2.8352	20.8220			
	S	169.801	159.752	140.394	143.258	161.764	168.753	141.358	147.158	165.452	154.567			
67	Т	2.8494	4.5203	2.3978		2.3411	2.2779	2.9100	2.2579	2.8244	20.7197			
	S	166.303	157.773	142.034	145.481	162.220	167.020	144.564	149.022	166.085	155.330			
68	Т	2.7106	4.2557	2.2265			2.1824			2.7555	19.7157			
	S	174.819	167.583	152.961	152.473		174.329		-	170.238	163.240			
69	T	2.6651	4.1606		2.6329	2.2351	2.1375	2.5798	2.1495	2.7586	19.3126			
	S	177.803	171.413	158.102	158.096	•	•			170.047	166.648			
70	T	2.6434	4.0939			2.2320	2.1180	2.5451	2.1843	2.7774	19.2045			
	S	179.263	174.206	163.076						168.896	167.586			
71	Т	2.6390	4.1106						-	2.8087	19.4677			
	S	179.562	173.498	160.941						167.014	165.320			
72	T	2.6530	4.0954		2.6658	+	2.1309	•		2.7823	19.3462			
<u> </u>	S	178.614	174.142	163.256				 		168.598	166.358			
73	Т	2.6527	4.1105		-					2.7945	19.4069			
	S	178.634	173.502	161.422						167.862	165.838			
74	Т	2.6332	4.0656							2.7563	19.5280			
L	S	179.957	175.419		+					170.189	164.810			
75	T	2.6406	4.0871	2.0946						2.7959	19.5496			
	S	179.453	174.496	162.593						167.778	164.627			
76	Т	2.6459	4.0989							2.8031	19.5205			
	S	179.094	173.993	161.813	153.501	166.283	176.210	161.496	152.445	167.347	164.873			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S!	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.7507	4.2748	2.1984	2.7029	2.2738	2.1474	2.6028	2.2326	2.8205	19.7291			
77	S	172.270	166.834	154.916	154.001	167.021	177.170	161.627	150.711	166.315	163.130)		
70	Т	2.6747	4.1449	2.1323	2.7268	2.2955	2.1790	2.6304	2.2105	2.8227	19.6719)		
78	S	177.165	172.062	159.719	152.651	165.442	174.601	159.931	152.218	166.185	163.604	ŀ		
79	Т	2.7016	4.1888	2.1492	2.7350	2.2893	2.1548	2.6231	2.2379	2.8321	19.7230)		
	S	175.401	170.259	158.463	152.194	165.890	176.561	160.376	150.354	165.634	163.180)		
80	Т	2.6814	4.1591	2.1405	2.7362	2.3041	2.1686	2.6183	2.2173	2.8264	19.6928	3		
80	S	176.722	171.475	159.107	152.127	164.825	175.438	160.670	151.751	165.968	163.430)		
81	Т	2.7087	4.2230	2.1840	2.7076	2.2740	2.1619	2.6263	2.2359	2.8298	19.7282	2		
01	S	174.941	168.880	155.938	153.734	167.006	175.982	160.180	150.489	165.768	163.137	7		
82	Т	2.6712	4.1503	2.1414	2.7074	2.2761	2.1483	2.5907	2.2064	2.8164	19.5579)		
02	S	177.397	171.839	159.040	153.745	166.852	177.096	162.382	152.501	166.557	164.558	3		
83	Т	2.6832	4.1755	2.1582	2.7079	2.2721	2.1668	2.6419	2.2193	2.8313	19.6807	7		
83	S	176.604	170.802	157.802	153.717	167.146	175.584	159.235	151.614	165.680	163.531			
84	Т	2.6946	4.1940	2.1662	2.6878	2.2622	2.1583	2.6160	2.2077	2.8112	19.6040			
04	S	175.857	170.048	157.219	154.866	167.878	176.275	160.811	152.411	166.865	164.171			
85	Т	2.6589	4.1273	2.1276	2.7249	2.2889	2.1574	2.6196	2.3117	2.8637	19.7527	7		
65	S	178.218	172.796	160.072	152.758	165.919	176.349	160.590	145.554	163.806	162.935			
86	Т	2.6675	4.1333	2.1222	2.6938	2.2745	2.1641	2.6311	2.2314	2.8394	19.6240			
80	S	177.643	172.545	160.479	154.521	166.970	175.803	159.888	150.792	165.208	164.003	3		
87	Т	2.6889	4.1698	2.1423	2.7120	2.2784	2.1623	2.6234	2.2646	2.8658	19.7377	7		
67	S	176.230	171.035	158.973	153.485	166.684	175.949	160.357	148.581	163.686	163.059			
88	Т	2.6844	4.1755	2.1555	2.7206	2.2822	2.1611			2.8846	19.7977	7		
00	S	176.525	170.802			166.406	176.047	159.210	148.424	162.619	162.564	ł		
89	Т	2.7643	4.3060	2.2225	2.7721	2.3135	2.1936	2.6887	2.2640	2.8491	20.0678	3		
09	S	171.423	165.625	153.237	150.157	164.155	173.438	156.463	148.621	164.645	160.376	5		
90	Т	2.7186	4.2312	2.1843	2.7771	2.3185	2.1885	2.6817	2.2897	2.8646	20.0230)		
90	S	174.304	168.553	155.916	149.887	163.801	173.843	156.871	146.953	163.754	160.735	5		
91	Т	2.7004	4.2103	2.1804	2.7587	2.3094	2.1809	2.6593	2.3220	2.9036	20.0147	7		
	S	175.479	169.390	156.195	150.886	164.446	174.448	158.193	144.908	161.555	160.802	2		
92	Т	2.7172	4.2203			2.3258	2.1911	2.6864	2.2877	2.8750	20.0516	5		
32	S	174.394	168.988	156.525	149.055	163.287	173.636	156.597	147.081	163.162	160.506	5		
93	Т	2.7140	4.2294			2.3106	2.1780	2.6384	2.2905	2.8778	19.9620)		
93	S	174.600	168.625	155.475	150.695	164.361	174.681	159.446	146.901	163.003	161.226	5		
94	Т	2.7409	4.2715	2.2039	2.7479	2.2984	2.1707	2.6634	2.2972	2.8652	19.9876	5		
34	S	172.886	166.963	154.530	151.479	165.234	175.268	157.949	146.473	163.720	161.020)		
0E	Т	2.7417	4.2627	2.1979	2.8151	2.3322	2.1951	2.6868	2.3088	2.8645	20.1421			
95	S	172.836	167.308	154.952	147.863	162.839	173.320	156.574	145.737	163.760	159.785	5		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



July 20, 2019

Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
0.5	Т	2.7203	4.2373	2.1937	2.7917	2.3284	2.1895	2.6524	2.3818	2.9426	20.2004		Ì	
96	S	174.195	168.310	155.248	149.103	163.105	173.763	158.604	141.270	159.414	159.324			
07	Т	2.7076	4.2007	2.1650	2.8728	2.4058	2.2862	2.8678	2.3661	2.9190	20.5903			
97	S	175.012	169.777	157.306	144.893	157.857	166.414	146.691	142.208	160.703	156.307			
00	Т	2.9171	4.5759	2.3828	2.8511	2.3357	2.2045	2.7079	2.3777	2.9449	20.7217		T T	
98	S	162.443	155.856	142.928	145.996	162.595	172.581	155.354	141.514	159.289	155.315			
99	T	2.7369	4.2410	2.1784	2.7776	2.3091	2.1871	2.6769	2.3296	2.8959	20.0915			
99	S	173.139	168.164	156.339	149.860	164.468	173.954	157.153	144.436	161.984	160.187			
100	Т	2.7526	4.2792	2.2075	2.7870	2.3077	2.1898	2.7554	2.2835	2.7941	20.0776			
100	S	172.151	166.662	154.278	149.354	164.568	173.739	152.675	147.352	167.886	160.298			
101	Т	2.6737	4.1648	2.1607	2.7956	2.3363	2.2507	3.0086	2.5855	3.0585	20.8696			
101	S	177.231	171.240	157.619	148.895	162.553	169.038	139.826	130.140	153.373	154.215			
102	Т	2.7553	4.2625	2.1832	2.8834	2.3808	2.2334	2.7121	2.2861	2.8704	20.3047			
102	S	171.983	167.315	155.995	144.361	159.515	170.348	155.113	147.184	163.424	158.505			
103	Т	2.7619	4.2934	2.2048	2.7909	2.3493	2.2617	2.8855	2.3496	2.9126	20.5163			
103	S	171.572	166.111	154.467	149.145	161.654	168.216	145.792	143.206	161.056	156.870			
104	Т	2.7621	4.3116	2.2367	2.8122	2.3351	2.2058	2.6912	2.2768	2.8663	20.1862			
104	S	171.559	165.410	152.264	148.016	162.637	172.479	156.318	147.785	163.657	159.436			
105	Т	2.6981	4.1975	2.1692	2.7797	2.3180	2.2003	2.7098	2.2616	2.8439	19.9806			
105	S	175.629	169.906	157.002	149.746	163.836	172.910	155.245	148.778	164.946	161.076			
106	Т	2.7000	4.2028	2.1756	2.7873	2.3268	2.1996	2.6857	2.2674	2.8547	19.9971			
100	S	175.505	169.692	156.540	149.338	163.217	172.965	156.638	148.398	164.322	160.943			
107	┸	2.7117	4.2169	2.1767	2.7524	2.2999	2.1787	2.6653	2.3382	2.9039	20.0268			
107	S	174.748		156.461	151.232	165.126	174.625	157.837	143.904	161.538	160.705			
108	T	2.6998	4.1965	2.1623	2.7483	2.3085	2.1822	2.6620	2.2658	2.8538	19.8827			
100	S	175.518	169.947	157.503	151.457	164.511	174.344	158.032	148.503	164.374	161.869			
109	T	2.6829				2.3264	2.1887			2.9221	20.0853			
109	S	176.624	170.781	157.132	149.558	163.245	173.827	156.860	144.244	160.532	160.237			
110	I	2.7041	4.2002	·	+	2.3227	2.1830		2.3206	2.9104	20.0383			
	S	175.239				163.505	174.281	158.742	144.996	161.177	160.612			
111	I	2.7081	4.2068			2.3437	2.1972		2.2836		20.0503			
	S	174.980	169.531		148.216		173.154		147.345	162.800	160.516			
112	ㅁ	2.6944				2.3267	2.1938				19.9729			
112	S	175.870	170.708	+	150.189	163.224	173.423		147.023	163.185	161.138			
113	ፗ	2.6931	4.1798		2.7647	2.3227	2.1872		2.3017	2.8798	19.9695			
	S	175.955	170.626			163.505	173.946		146.186	162.890	161.166			
114	T	2.7096				2.3288			2.3107	2.9073	20.1275			
117	S	174.883	169.081	156.159	149.649	163.077	173.044	155.227	145.617	161.349	159.901			

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



Race

Report:

Session:

Section Data Report

Section Data for Car 4 - Leist, Matheus

Lap	T/S ^S	F to T1 5	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO P	O to SF	SF to PI
115	Т	2.7023	4.1972	2.1627	2.7901	2.3410	2.2134	2.7210	2.3370	2.9279	20.1954			
115	S	175.356	169.918	157.474	149.188	162.227	171.887	154.606	143.978	160.214	159.363			
116	Т	2.7111	4.2099	2.1703	2.7997	2.3371	2.2031	2.6746	2.3653	2.9454	20.2066			
110	S	174.786	169.406	156.922	148.677	162.497	172.691	157.288	142.256	159.262	159.275			
117	Т	2.7310	4.2424	2.1867	2.8082	2.3470	2.2019	2.7178	2.4514	3.0284	20.4724			
	S	173.513	168.108	155.745	148.227	161.812	172.785	154.788	137.259	154.897	157.207	7		
118	T	2.7604	4.2853	2.2092		2.3435	2.2431	2.8021	2.3930	2.9291	20.5069			
110	S	171.665	166.425	154.159	147.267	162.054	169.611	150.131	140.609	160.148	156.942	!		
119	Т	2.8281	4.4217	2.2941	2.8735	2.3637	2.2418	2.8944		2.9078	20.7945			
119	S	167.555	161.291	148.454	144.858	160.669	169.709	145.343	140.721	161.322	154.772			
120	Т	2.7974	4.3954	2.2864	2.7845	2.3087	2.2339	2.9179	2.4163	2.9789	20.7240			
120	S	169.394	162.256	148.954	149.488	164.496				157.471	155.298	3		
121	T	2.8249	4.5514	2.4862		2.3576				2.8695	20.9570			
121	S	167.745	156.695	136.983		161.084	•	147.061	141.812	163.475	153.572			
122	ፗ	2.7803	4.3892	2.3170		2.3489		•		2.9367	20.6607			
111	S	170.436	162.486	146.987	145.517	161.681	172.432	-		159.734	155.774			
123	T	2.7142	4.2506	2.2308		2.3058			2.2746	2.8091	20.1351			
123	S	174.587	167.784	152.666		164.703	174.137	151.920		166.990	159.840			
124	ፗ	2.6983	4.2174	2.2022		2.4303		2.8086		2.9048	20.6745	•		ļ
	S	175.616	169.105	154.649		156.266				161.488	155.670			
125	T	2.7387	4.2865	2.2438		2.3182	2.2156	-		2.8714	20.4491			
	S	173.025	166.379	151.782		163.822	171.716			163.367	157.386			
126	ፗ	2.6930	4.1934	2.1750		2.4219			2.3827	2.8991	20.5824			
	S	175.961	170.072	156.583		156.808		148.803	•	161.806	156.367	•		<u> </u>
127	ᄑ	2.7624	4.3579	2.3252		2.3643			2.3732	2.8712	20.7781			
	S	171.541	163.653	146.468		160.628				163.378	154.894			+
128	I	2.7552	4.3202	2.2501		2.2955				2.8369	20.3351			+
	S	171.989	165.081	151.357	150.914	165.442	171.407	146.937	142.781	165.353	158.268			+
129	듸	2.7269	4.2789	2.2303	•	2.3363				2.9210	20.8173			+
	S	173.774	166.674	152.701	148.576	162.553	167.321	137.361	136.513	160.593	154.602			+
130	፲	2.7956	4.3719	2.2763		2.3864				2.9522	20.9056			+
	S	169.503	163.129	149.615		159.140		i		158.895	153.949			+
131	I	2.7438	4.2618			2.3083		2.8478		2.8487	20.3107			+
	S	172.703	167.343	155.213		164.525	171.755	147.722	141.884	164.668	158.458			+
132	듸	2.7406	4.3086	2.2612		2.3127	2.1982			2.9677	20.5889			+
	S	172.905	165.525	150.614		164.212	173.075			158.065	156.317			+
133	I	2.7690	4.3500			2.3460				2.9050	20.6361			+
	S	171.132	163.950	148.856	145.293	161.881	170.378	147.009	142.051	161.477	155.960			

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



TAG

Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	T	2.7679	4.3338	2.2646	2.8905	2.3828	2.2894	2.9658	2.3474	2.8919	20.8003			
134	S	171.200	164.563	150.388	144.006	159.381	166.181	141.844	143.340	162.209	154.729			
425	Т	2.8258	4.4562	2.3356	2.9140	2.3673	2.2491	2.9443	2.3446	2.9061	20.8868			
135	S	167.692	160.043	145.816	142.845	160.424	169.159	142.880	143.512	161.416	154.088			
136	Т	2.7905	4.3727	2.2744	2.8168	2.3291	2.2087	2.8734	2.3704	2.9196	20.5829			
136	S	169.813	163.099	149.740	147.774	163.056	172.253	146.406	141.950	160.670	156.363			
137	T	2.7661	4.3416	2.2775	2.8820	2.3546	2.2712	2.9290	2.3926	2.9230	20.7960			
137	S	171.311	164.267	149.536	144.431	161.290	167.513	143.626	140.632	160.483	154.761			
138	Т	2.8210	4.4970	2.3940	2.8499	2.3633	2.3077	2.9784	2.4032	2.9851	21.1026			
136	S	167.977	158.591	142.259	146.058	160.696	164.863	141.244	140.012	157.144	152.512			
139	Т	2.8559			2.8458	2.3758	2.2876	2.9424	2.5277	3.0282	21.2080			
139	S	165.924	158.802	145.256	146.268	159.850	166.312	142.972	133.116	154.908	151.754			
140	┸	2.8148	4.4243	2.3190	2.8851	2.3588	2.2346	2.8818	2.3232	2.8359	20.6532			
140	S	168.347	161.197	146.860	144.276	161.003	170.256	145.979	144.834	165.412	155.831			
141	T_	2.7244	4.3129	2.2860	2.7844	2.3176	2.2689	2.9317	2.4163	2.9330	20.6623			
141	S	173.933	165.360	148.980	149.494	163.865	167.682	143.494	139.253	159.936	155.762			
142	T	2.7716	4.3672	2.2903	2.8249	2.3366	2.2310	2.8609	2.2955	2.8341	20.4449			
142	S	170.971	163.304	148.700	147.350	162.532	170.531	147.045	146.581	165.517	157.418			
143	T	2.7775		·	2.9679	2.6513	3.7782	4.6829			45.3340	33.2358		24.8344
143	S	170.608	162.186	145.810	140.251	143.240	100.697	89.834			70.993	29.962		114.390
144	Т						2.5829	3.1094	2.3517	2.8961	32.5020		19.7658	
177	S						147.297	135.294	143.078	161.973	99.022		130.273	
145	I	2.9060	4.5393	2.3398	2.8009	2.3049	2.2163	2.6860	2.2012	2.8088	20.2639			
143	S	163.064	157.113		•	•	171.662	•	152.861	167.008	158.824			
146	ፗ	2.7034	4.2277	2.1959	2.7059	2.2712	2.1707	2.6597	2.1784	2.7910	19.6762			
140	S	175.284	168.693	155.093	153.831	167.212	175.268		154.461	168.073	163.568			
147	I	2.6550				2.2648	2.1463	2.6054	2.1556		19.4405			
17/	S	178.480			+		177.261	161.465	156.094	168.055	165.551			
148	ፗ	2.6504			+		2.1265		2.1520	2.7696	19.2593			
	S	178.789	173.464			169.685	178.911	163.023	156.356	169.371	167.109			ļ
149	I	2.6237	4.0681		2.6444			2.6231	2.2107	2.8194	19.3905			ļ
	S	180.609	175.311	161.936			178.861	160.376	152.204	166.380	165.978			ļ
150	ፗ	2.9010					2.1520			2.7681	20.0928			ļ
	S	163.345	157.078	+	+	165.637	176.791	157.323	153.348	169.463	160.177			ļ
151	I	2.7014			2.8644		2.1651	2.6908	2.2286		20.0485			ļ
	S	175.414			145.318		175.721	156.341	150.981	169.555	160.531			ļ
152	T	2.6364						2.6377	2.2481	2.8058	19.5762			ļ
132	S	179.739	173.549	158.810	152.741	168.833	178.693	159.488	149.672	167.186	164.404			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	2.6577	4.1151	2.1106	2.7307	2.2869	2.1528	2.5918	2.2183	2.8294	19.5782			\top
153	S	178.298	173.309	161.361	152.433	166.064	176.725	162.313	151.682	165.792	164.387			1
454	Т	2.6704	4.1479	2.1355	2.6930	2.2722	2.1516	2.6129	2.1760	2.7900	19.5016			
154	S	177.450	171.938	159.479	154.567	167.139	176.824	161.002	154.631	168.133	165.033			T
155	Т	2.6339	4.0804	2.0922	2.7255	2.3112	2.1657	2.6043	2.1991	2.8208	19.5527			T
155	S	179.910	174.782	162.780	152.724	164.318	175.673	161.534	153.007	166.297	164.601			
156	Т	2.6555	4.1155	2.1147	2.7025	2.2778	2.1427	2.5665	2.1726	2.7809	19.4132			
130	S	178.446	173.292	161.048	154.024	166.728	177.558	163.913	154.873	168.683	165.784			
157	Т	2.6443	4.0998	2.1058	2.6604	2.2470	2.2171	2.7052	2.2335	2.8218	19.6351			
137	S	179.202	173.955	161.729	156.461	169.013	171.600	155.509	150.650	166.238	163.911			
158	T	2.6661	4.1639	2.1543	2.7077	2.3024	2.1764	2.6991	2.2142	2.8180	19.7382			
130	S	177.737	171.277	158.088	153.728	164.946	174.809	155.860	151.963	166.462	163.054			
159	Т	2.6716	4.1587	2.1532	2.7279	2.2851	2.1660	2.6793	2.2278	2.8342	19.7451			
139	S	177.371	171.492	158.168		166.195	175.648	157.012	151.036	165.511	162.997			
160	Т	2.6599	4.1286	2.1328	2.7250	2.2842	2.1464	2.6473	2.1777	2.7912	19.5645			
100	S	178.151	172.742	159.681	152.752	166.261	177.252	158.910	154.510	168.061	164.502			
161	Т	2.6512	4.0830	2.0758	2.7854	2.3378	2.1820	2.6496	2.2297	2.8259	19.7374			
101	S	178.736	174.671	164.066	149.440	162.449	174.360	158.772	150.907	165.997	163.061			
162	I	2.6782	4.1777	2.1735	2.7335	2.2639	2.1327	2.6184	2.3178	2.8600	19.7780			
102	S	176.934	170.712	156.691	152.277	167.752	178.391	160.664	145.171	164.018	162.726			
163	T	2.6712	4.1185	2.0948	2.7131	2.2953	2.1616	2.6130	2.2077	2.8211	19.5778			
103	S	177.397	173.165	162.578		165.457	176.006		152.411	166.279	164.390			
164	T	2.6636	4.1204			2.2818	2.1641	2.6342	2.3073	2.8801	19.7587			
104	S	177.903	173.086	161.361		166.436	175.803	159.700	145.832	162.873	162.885			+
165	T	2.7470	4.3047	2.2452		2.3165	2.1757	2.6482	2.2587	2.8548	20.0441			+
	S	172.502	165.675	151.687	148.767	163.942	174.865	158.856	148.969	164.317	160.566			
166	T	2.6882	4.1555			2.3249				2.8197	19.8325		4	+
	S	176.275	171.624			163.350	174.201	157.347	152.018		162.279			+
167	I	2.6666	4.1267	2.1164		2.3288			2.1761	2.7897	19.6825			+
	S	177.703	172.821	160.919		163.077	174.392	159.216		168.151	163.516			
168	I	2.6710	4.1560			2.2900	2.1623	2.6306		2.8343	19.6835			
	S	177.411	171.603	158.485		165.840	175.949	159.919		165.505	163.508			+
169	T	2.6741	4.1464			2.2838		2.6242	2.2377	2.8433	19.6739			
	S	177.205	172.000	159.584		166.290	176.120		150.367	164.981	163.587			
170	T	2.6858	4.1730			2.3298				2.7991	19.9157			+
	S	176.433	170.904	158.058		163.007	174.576		148.476	167.586	161.601			+
171	T	2.6308	4.1036			2.3049				2.8258	19.8456			
1/1	S	180.121	173.794	158.257	146.815	164.768	176.882	158.092	147.255	166.003	162.172			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Report:

Section Data for Car 4 - Leist, Matheus

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	O to SF	SF to PI
172	Т	2.6389	4.0949	2.1287	2.9416	2.3694	2.1881	2.6645	2.2531	2.8476	20.0319			
1/2	S	179.569	174.163	159.989	141.505	160.282	173.874	157.884	149.340	164.732	160.664	1		
173	T	2.6760	4.1607	2.1535	2.7841	2.3161	2.1701	2.6602	2.2626	2.8541	19.8767	7		
1/3	S	177.079	171.409	158.146	149.510	163.971	175.317	158.139	148.713	164.357	161.918	3		
174	T	2.6575	4.1119	2.1098	2.7412	2.2985	2.1647	2.6336	2.2123	2.8144	19.6320			
1/4	S	178.312	173.443	161.422	151.850	165.226	175.754	159.736	152.094	166.675	163.936	5		
175	T	2.6607	4.1286	2.1360	2.8390	2.3453	2.1797	2.6651	2.2294	2.8282	19.8834	ł		
1/5	S	178.097	172.742	159.442	146.619	161.929	174.544	157.848	150.927	165.862	161.864	1		
176	T	2.6637	4.1405	2.1383	2.7638	2.3188	2.1730	2.6556	2.2934	2.9019	19.9085	5		
170	S	177.897	172.245	159.271	150.608	163.780	175.083	158.413	146.715	161.650	161.660			
177	T	2.6891	4.1662	2.1397	2.7759	2.3253	2.1774	2.6967	2.3507	2.9358	20.0906	5		
1//	S	176.216	171.183	159.166	149.951	163.322	174.729	155.999	143.139	159.783	160.194	ł		
178	工	2.7256	4.2355	2.1874	2.8033	2.3274	2.1773	2.6677	2.3139	2.8830	20.0856	5		
176	S	173.857	168.382	155.695	148.486	163.175	174.737	157.695	145.416	162.709	160.234	H		
179	T	2.6956	4.1881	2.1646	2.8828	2.3951	2.2149	2.7028	2.3285	2.8822	20.2665	5		
1/9	S	175.792	170.288	157.335	144.391	158.562	171.771	155.647	144.504	162.754	158.804	ļ.		
180	口	2.7163	4.2182	2.1770	2.8151	2.3341	2.1973	2.6956	2.3062	2.8814	20.1230			
100	S	174.452	169.073	156.439	147.863	162.706	173.146	156.062	145.901	162.800	159.936	5		
181	口	2.6844	4.1804	2.1822	2.8562	2.3148	2.1667	2.7133	2.3027	2.8352	20.0555			
101	S	176.525	170.601	156.066	145.736	164.063	175.592	155.044	146.123	165.452	160.475			
182	ഥ	2.6914			2.8476	2.3201	2.1591	2.7010	2.3305	2.8481	20.0989			
102	S	176.066				163.688			144.380	164.703	160.128			
183	ഥ	2.6688			2.9994	2.4034	2.2316	2.8019	2.4470	2.9129	20.6487			
105	S	177.557	171.364			158.015	170.485	150.142	137.506	161.039	155.865	•		
184	ഥ	2.7170	4.2255		3.0194	2.4564	2.3206	2.9793	2.4335	4.1661	22.2834			
101	S	174.407	168.780			154.605	163.947	141.202	138.269	112.597	144.430			
185	T	3.9351	6.0976		3.8665	3.1321	3.2655		3.8072	5.4650	30.8406			
	S	120.420	116.961	108.825		121.252	116.507	99.224	88.379	85.835	104.356			
186	L	5.1079	7.4941	3.4030	4.0904	3.2963	3.0123	3.6068	3.1762	4.7357	30.4286			
	S	92.771	95.166		101.763	115.212	126.300	116.636	105.937	99.054	105.769			
187	I	5.6501	8.5310		4.5161	3.6761	3.9907	4.8583	4.2980	6.6373	37.7008	3		
	S	83.868	83.599		92.170	103.309	95.335	86.590	78.287	70.675	85.367	<u>'</u>		
188	T	7.0075	10.1719		5.4994	4.9381	5.2127	6.2582	5.0128	6.5585	44.9408			
	S	67.622	70.113		75.690	76.907	72.986	67.221	67.124	71.524	71.614			
189	I	7.1088	10.9021	5.2472	5.1044	4.5313	4.1216	5.2841	4.6373	4.9856	41.0203			
	S	66.659	65.417	64.905	81.547	83.811	92.307	79.613	72.559	94.089	78.459			
190	T	5.5834		4.7457	5.8791	4.9104		6.4102	5.2198	6.0040	43.5738			
	S	84.870	79.934	71.764	70.802	77.340	78.913	65.627	64.462	78.130	73.861			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ⁵	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	6.4105	9.4983	4.4553	5.6100	4.9490	4.1107	4.0436	3.2598	3.9975	36.8364		Ì	
191	S	73.920	75.085	76.441	74.198	76.737	92.552	104.036	103.220	117.346	87.370			
102	Т	4.0880	6.2632	3.1185	4.0258	3.4388	3.1144	3.8488	3.2820	4.1082	29.0245			
192	S	115.916	113.869	109.209	103.396	110.438	122.160	109.302	102.522	114.184	110.886			
193	Т	3.9836	6.1437	3.0906	3.7410	3.0842	2.8280	3.3080	2.9301	3.9610	26.9265			
193	S	118.954	116.083	110.195	111.267	123.135	134.531	127.171	114.835	118.427	119.525			
194	Т	5.4319	8.7229	4.7335	5.6887	4.7060	4.8555	5.5426	4.1504	4.9878	40.0964			
194	S	87.237	81.760	71.948	73.171	80.700	78.355	75.900	81.071	94.048	80.267			
195	Т	5.8552	8.8381	4.3207	5.4476	4.9680	4.9361	5.2615			57.4074	33.1514		36.9520
193	S	80.930	80.694	78.822	76.410	76.444	77.076	79.955			56.062	30.038		76.878
196	Т						3.0418	3.6495	2.8284	3.4483	35.6254		22.9294	
190	S						125.075	115.271	118.964	136.035	90.340		112.299	
197	T	4.2672	6.7913	3.6245	5.1345	5.1691	5.2745	4.5051	4.1909	6.4844	38.6502			
137	S	111.048	105.014	93.963	81.069	73.470	72.131		80.288	72.341	83.270			
198	工	6.3158	8.7130		4.2778	3.5806	3.5318	4.6925	2.8570	3.0943	31.7591			
130	S	75.028	81.853	99.894	97.305	106.064	107.723	89.650	117.773	151.598	101.338			
199	ഥ	2.9742					2.4476		2.4733		22.3700			
177	S	159.325		131.514			155.440		136.044	158.998	143.871			
200	ഥ	2.7222					2.2548		2.2341	2.8136	20.1825			
	S	174.074			149.919				150.610		159.465			
201	ഥ	2.7014			2.6556		2.1287		2.1495		19.4534			
	S	175.414		157.074	156.744		178.726		156.537	169.482	165.442			
202	ഥ	2.6183		+			2.1487		2.1349		19.2941			
	S	180.981	175.799		154.435				157.608	170.455	166.807		ļ	
203	ᄪ	2.5893				1	2.1342	1	2.1165		19.1448			
	S	183.008			156.168		178.266		158.978		168.108			
204	I	2.6290			2.6676				2.1469		19.3277			
<u> </u>	S	180.245		161.813	156.039		176.635		156.727	169.042	166.517			\vdash
205	I	2.6142		•			2.1455		2.2066		19.3948			\vdash
<u> </u>	S	181.265		165.340	154.361	166.414	177.327		152.487	167.598	165.941			\vdash
206	듸	2.6492	-		2.6757	2.2563	2.1547		2.2239		19.5167	-		
<u> </u>	S	178.870		160.858	155.567	168.317	176.570		151.301	166.044	164.905	-		
207	I	2.7021	4.2043		2.6845		2.1674		2.1706		19.5643			\vdash
	S	175.369			155.057	167.618			155.016	168.932	164.504			
208	I	2.6299			2.6940				2.1486		19.4070			
	S	180.183			154.510		176.006		156.603	168.671	165.837			
209	T	2.6183			-						19.2413			
	S	180.981	176.644	165.622	156.556	168.145	177.211	161.490	157.416	169.967	167.265		<u> </u>	

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.6178	4.0526	2.0785	2.6445	2.2446	2.1386	2.5699	2.1174	2.7490	19.1603			
210	S	181.016	175.981	163.853	157.402	169.194	177.899	163.696	158.911	170.641	167.972			
211	Т	2.5965	4.0070	2.0477	2.6809	2.2702	2.1421	2.5774	2.2013	2.8141	19.3302			
211	S	182.501	177.984	166.317	155.265	167.286	177.608	163.219	152.854	166.693	166.496			
212	Т	2.6292	4.0516	2.0635	2.7048	2.2753	2.1399	2.5994	2.1997	2.8040	19.4158			
212	S	180.231	176.025	165.044	153.893	166.911	177.791	161.838	152.965	167.293	165.762			
213	T	2.6347	4.0716	2.0859	2.7612	2.3124	2.1621	2.6080	2.2169	2.8215	19.6027			
213	S	179.855	175.160	163.272	150.750	164.233	175.965	161.304	151.778	166.256	164.181			
214	T	2.6575	4.1091	2.1045	2.7408	2.2993	2.1569	2.6245	2.2212	2.8243	19.6290			
214	S	178.312	173.562	161.829	151.872	165.169	176.390	160.290	151.484	166.091	163.961			
215	T	2.6547	4.1048	2.1021	2.7490	2.3022	2.1576	2.6254	2.1906	2.8007	19.5823			
213	S	178.500	173.743	162.013	151.419	164.961	176.332	160.235	153.601	167.491	164.353			
216	T	2.6312	4.0752	2.0969		2.2876	2.1473	2.6293	2.2267	2.8228	19.5715			
210	S	180.094	175.005	162.415			177.178		151.110		164.443			
217	T	2.6527	4.1068	2.1092			2.1731	2.6349	2.2110	2.8262	19.6480			
217	S	178.634	173.659	161.468	151.728	165.298	175.075	159.658	152.183	165.979	163.803			
218	T	2.6568	4.1117	2.1088	2.7108	2.2793	2.1481	2.6135	2.2072	2.8150	19.5395	i		
210	S	178.359	173.452	161.499	153.552	166.618	177.112	160.965	152.445	166.640	164.713			
219	ഥ	2.6457	4.1052	2.1177	2.7396	2.2934	2.1588	2.6485	2.2501	2.8391	19.6929			
	S	179.107	173.726	160.820	151.938	165.594	176.234	158.838	149.539	165.225	163.429			
220	ፗ	2.6650	4.1404			2.3040	2.1714				19.7020			
220	S	177.810	172.249			164.832	175.212		152.494		163.354			
221	ഥ	2.6634	4.1372			2.3274	2.1768				19.8387			
	S	177.917	172.383			163.175	174.777	158.044	149.945		162.228			
222	ഥ	2.6469	4.0992			2.3791	2.1892				19.9227			
	S	179.026	173.981	161.391	143.738	159.629	173.787	158.658	150.691	166.521	161.544		1	
223	I	2.6461	4.1121			2.3065	2.1729				19.7325			
	S	179.080	173.435			164.653	175.091	157.388	151.403		163.101			
224	I	2.6656	4.1489	+	+	2.3153	2.1681	2.6548	1		19.8113		+	+
	S	177.770	171.897			164.027	175.478		149.665		162.453		+	
225	LI	2.6854	4.1767			2.4141	2.2585		2.3071	2.8682	20.3536			
	S	176.459	170.752			157.314	168.455		145.844		158.124			
226	፲	2.7172	4.2381								20.5513		+	
	S	174.394	168.279	+		162.504	171.152		142.799	149.316	156.603		+	+
227	ഥ	3.1169	4.8201		 	2.3438	2.2796		2.3766		21.2037			
	S	152.030	147.960			162.033	166.895		141.579		151.785			
228	ፗ	2.7617	4.3331						2.3137		20.6996			
	S	171.584	164.589	150.355	144.541	159.864	166.654	142.933	145.428	163.015	155.481			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	2.7861	4.3560	2.2583	2.8718	2.3453	2.2058	2.8123	2.3535	2.8506	20.4837			
229	S	170.081	163.724	150.807	144.944	161.929	172.479	149.586	142.969	164.559	157.120			
230	Т	2.7055	4.2097	2.1791	2.8579	2.3527	2.2140	2.7009	2.2092	2.8229	20.0422			
230	S	175.148	169.414	156.288	145.649	161.420	171.840	155.756	152.307	166.173	160.581			
231	Т	2.6795	4.1677	2.1609	2.8103	2.3191	2.1853	2.6626	2.2179	2.8171	19.8527			
231	S	176.848	171.121	157.605	148.116	163.759	174.097	157.997	151.710	166.516	162.114			
232	T	2.6714	4.1509	2.1532	2.8794	2.3672	2.2110	2.6834	2.2140	2.8269	20.0065			
232	S	177.384	171.814	158.168	144.561	160.431	172.074	156.772	151.977	165.938	160.868			
233	T	2.6877	4.1883	2.1775	2.7538	2.2971	2.1782	2.6775	2.2459	2.8466	19.8643			
233	S	176.308	170.280	156.403	151.155	165.327	174.665	157.117	149.818	164.790	162.019			
234	Т	2.6992	4.2133	2.2023	2.8198	2.3284	2.1944	2.6839	2.2330	2.8311	19.9921			
234	S	175.557	169.269	154.642	147.617	163.105	173.375	156.743	150.684	165.692	160.984			
235	Т	2.6751	4.1685	2.1653	2.7519	2.2994	2.1774	2.6652	2.2406	2.8359	19.8108			
233	S	177.139	171.088	157.285	151.259	165.162	174.729	157.842	150.173	165.412	162.457			
236	Т	2.6951	4.1976	2.1732	2.7768	2.3127	2.1740	2.6716	2.2241	2.8389	19.8664			
230	S	175.824	169.902	156.713	149.903	164.212	175.002	157.464	151.287	165.237	162.002			
237	Т	2.6834	4.1775	2.1626	2.7470			-	2.2709	2.8504	19.8622			
237	S	176.591	170.720	157.481	151.529	165.529	174.914	157.059	148.169	164.570	162.036			
238	T	2.6919	4.1992	2.1863				2.7064		2.8619	20.0211			
230	S	176.033	169.838	155.774	149.327	163.879		155.440	147.824	163.909	160.750			
239	T	2.7009	4.2025	2.1788		2.3158		2.6928	2.2444	2.8329	19.9460			
233	S	175.447	169.704	156.310		163.992	173.954	156.225	149.919	165.587	161.356			
240	T	2.7089	4.2179			2.3130			2.2600	2.8504	19.9568			
240	S	174.928	169.085	155.838		164.191	173.843	156.942	148.884	164.570	161.268			
241	I	2.7089	4.2264		2.7606	1		2.6762	2.2513	2.8424	19.9166			
	S	174.928	168.745			165.097	174.265			165.033	161.594			
242	T	2.7105	4.2276			2.3039				2.8993	20.0373			
	S	174.825	168.697	155.518				157.712	144.120	161.795	160.620			
243	T	2.7066	4.2115		•	+	2.2026	•	•	2.8673	20.0795			
	S	175.077	169.342	156.152	147.979	162.846			148.137	163.600	160.283			
244	T	2.7019	4.2109				2.2073	2.7470	2.3762	2.9505	20.3271			
	S	175.382	169.366		147.627	162.289		153.142	141.603	158.987	158.331			
245	T	2.7343	4.2464				2.2137	2.7585	2.4327	2.9921	20.5300			
<u> </u>	S	173.303	167.950			•			138.314	156.776	156.766			
246	T	2.7516					-	4.7502			43.8238	32.2019		24.3555
	S	172.214	166.725	153.735	138.170	146.433					73.440	30.923		116.639
247	T						2.5022			2.8542	32.0360		19.3024	
	S						152.048	145.368	148.594	164.351	100.462		133.400	

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	2.7106	4.2105	2.1628	2.6535	2.2419	2.1562	2.5953	2.1213	2.7516	19.3932			
248	S	174.819	169.382	157.466	156.868	169.398	176.447	162.094	158.618	170.479	165.955			
240	Т	2.6251	4.0830	2.1236	2.6877	2.2377	2.1400	2.6309	2.1815	2.7420	19.3685			
249	S	180.513	174.671	160.373	154.872	169.716	177.782	159.900	154.241	171.076	166.167	1		
250	Т	2.6139	4.0600	2.1077	2.7214	2.2501	2.1816	2.7721	2.3389	2.9569	19.9426			T
250	S	181.286	175.661	161.583	152.954	168.780	174.392	151.756	143.861	158.643	161.383			T
251	T	2.7329	4.2790	2.2348	2.7277	2.2818	2.1795	2.7412	2.2010	2.7629	19.8618			
251	S	173.392	166.670	152.393	152.601	166.436	174.560	153.466	152.875	169.782	162.040			
252	Т	2.6945	4.2630	2.2575	3.0439	2.5555	2.3575	2.8320	2.2567	2.8520	20.8496			
252	S	175.863	167.296	150.861	136.749	148.610	161.381	148.546	149.101	164.478	154.363			
253	Т	2.7062	4.2644	2.2606	2.8250	2.3294	2.1943	2.6410	2.1924	2.8222	19.9711			
253	S	175.103	167.241	150.654	147.345	163.035	173.383	159.289	153.474	166.215	161.153			
254	Т	2.6741	4.1378	2.1182	2.6553	2.2490	2.1444	2.5726	2.1309	2.7585	19.3030			
254	S	177.205	172.358	160.782	156.762	168.863	177.418	163.524	157.904	170.053	166.731			
255	Т	2.6237	4.0605	2.0827	2.6244	2.2431	2.1434	2.5650	2.1600	2.7890	19.2313			
255	S	180.609	175.639	163.522	158.608	169.307	177.500	164.009	155.777	168.193	167.352			
256	T	2.6393	4.0825	2.0878	2.6331	2.2453	2.1479	2.5899	2.1561	2.7841	19.2835			
256	S	179.541	174.692	163.123	158.084	169.141	177.129	162.432	156.058	168.489	166.899			
257	Т	2.6435	4.0988	2.1042	2.6747	2.2663	2.1464	2.5758	2.2208	2.9527	19.5844			
25/	S	179.256	173.998	161.852	155.625	167.574	177.252	163.321	151.512	158.868	164.335			T
250	Т	2.9916	4.6680	2.3900	2.8264	2.3169	2.1689	2.6059	2.1811	2.7913	20.2721			1
258	S	158.398	152.781	142.497	147.272	163.914	175.414	161.434	154.270	168.055	158.760			
250	Т	2.6558	4.1296	2.1378	2.7397	2.2954	2.1687	2.8157	2.3822	2.9092	20.1045			
259	S	178.426	172.700	159.308	151.933	165.449	175.430	149.406	141.246	161.244	160.084			
260	Т	2.6888	4.1536	2.1217	2.7301	2.2893	2.1740	2.6660	2.2243	2.8231	19.7173			
200	S	176.236	171.702	160.517	152.467	165.890	175.002	157.795	151.273	166.162	163.227	1		
261	T	2.7496		2.2654	2.7314	2.2765	2.2003	2.9872	2.7867	3.8357	21.8328	3		
201	S	172.339	164.745	150.335	152.394	166.823	172.910	140.828	120.744	122.296	147.411			
262	T	4.1044	6.3996	3.3705	4.7181	4.7521	3.9805	4.1744	3.4704	4.6718	33.2422			
202	S	115.453	111.442	101.044	88.224	79.917	95.580	100.777	96.956	100.409	96.817	'		
263	Т	4.1866	6.2468	2.9590		4.1491	3.7230	4.0065	3.3366	4.7946	31.1300)		
203	S	113.186	114.168	115.096	104.728	91.531	102.190	105.000	100.844	97.837	103.386	i		
264	T	5.1352	7.7030	3.6636	6.2329	8.5252	4.4991	4.3703	4.5321	7.0903	44.0487	'		
204	S	92.278	92.585	92.960	66.783	44.547	84.562	96.259	74.243	66.160	73.065			
265	T	6.6899	9.9951	4.7527	6.3149	7.0100	5.7633	5.9064	4.6199	7.1376	48.1947	'		
205	S	70.833	71.353	71.658	65.916	54.176	66.013	71.225	72.832	65.721	66.779			
266	Т	6.6757	9.6782	4.4345	6.6613	7.5031	6.0399	5.6225	4.5459	7.4816	48.9645			
266	S	70.983	73.690	76.800	62.488	50.615	62.990	74.821	74.018	62.699	65.729			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	7.3335	10.6854	4.7467	5.9131	5.9881	4.9680	5.5807	4.4973	6.2162	45.2436	,		
267	S	64.616	66.744	71.748	70.395	63.421	76.581	75.382	74.818	75.463	71.135	i		
268	Т	7.8481	11.4006	4.9078	5.9912	7.4613	5.8867	5.2851	5.4558	7.3041	50.1401			
208	S	60.379	62.557	69.393	69.477	50.899	64.630	79.598	61.673	64.223	64.188	3		
269	Т	7.4302	10.7201	4.6885	6.0123	5.6658	5.5030	6.1735	4.9440	6.8486	47.2659)		
209	S	63.775	66.528	72.639	69.233	67.029	69.136	68.143	68.058	68.494	68.091			
270	Т	6.8500	10.2927	4.9929	5.9552	5.2578	5.7597	6.1005	4.7494	7.1520	46.8175	;		
270	S	69.177	69.290	68.210	69.897	72.230	66.055	68.959	70.846	65.589	68.744			
271	Т	7.2000	9.9805	3.8841	5.2344	5.8741	5.3895	4.3048	3.9698	6.3479	42.2046	i		
271	S	65.814	71.458	87.683	79.522	64.652	70.592	97.724	84.759	73.897	76.257	'		
272	Т	5.6058	8.5682	4.2339	5.9664	4.8408	4.7270	5.2381	3.8518	3.3843	37.8481			
2/2	S	84.531	83.236	80.438	69.766	78.452	80.485	80.312	87.356	138.608	85.035			
273	Т	2.9380	4.6955	2.5147	2.9460	2.3263	2.2383	2.8818	2.3027	2.8088	20.9566			
2/3	S	161.288	151.886	135.431	141.293	163.252	169.975	145.979	146.123	167.008	153.575			
274	T	2.7863	4.4814	2.4407	2.9063	2.3577	2.2478	2.8537	2.2601	2.8525	20.7051			
2/4	S	170.069	159.143	139.537	143.223	161.078	169.256	147.416	148.877	164.449	155.440			
275	T	2.7940	4.4759	2.4429	2.9872	2.3803	2.2185	2.7981	2.3142	2.8208	20.7560			
2/5	S	169.600	159.338	139.411	139.345	159.548	171.492	150.346	145.397	166.297	155.059			
276	工	2.6682	4.2341	2.2747	2.8573		2.2040	·	2.1904	2.7886	19.9920			
270	S	177.597	168.438	149.720	145.679	165.543	172.620	154.964	153.615	168.217	160.984			
277	工	2.6447			-		2.1506	-	2.1754		19.4801			
	S	179.175		160.797	154.144		176.906		154.674		165.215			
278	ഥ	2.7734				2.2704	2.1822				19.8871			
270	S	170.860			152.881	167.271	174.344				161.834			
279	ഥ	2.6284		2.0714			2.1699		2.1518	2.7700	19.4696			
	S	180.286		164.414			175.333				165.304			
280	LT	2.6350				2.2474					19.3254			
	S	179.834		161.560	156.774		177.675		155.892		166.537			
281	ㅁ	2.6398				2.2601	2.1530				19.3933			
	S	179.507		161.690	155.022	168.034	176.709		156.268		165.954			
282	I	2.6528					2.1453		2.1690	-	19.3912			
	S	178.628			156.614		177.343		155.130		165.972			
283	፲	2.6352		2.0936		2.2698			2.1751		19.4044		4	
	S	179.821	174.898		155.602	167.316			154.695		165.859			
284	ፗ	2.6493					2.1533	-			19.5088			
	S	178.864			154.258				153.650		164.972			
285	ፗ	2.6507			2.6861		2.1487		2.1850		19.4687			
	S	178.769	173.351	160.562	154.964	167.811	177.063	160.492	153.994	167.964	165.311			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 4 - Leist, Matheus

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6394	4.0940	2.1096	2.6657	2.2570	2.1424	2.6106	2.1853	2.7966	19.4066			
200	S	179.535	174.202	161.437	156.150	168.264	177.583	161.144	153.973	167.736	165.840			
287	T	2.6544	4.1193	2.1254	2.6880	2.2686	2.1494	2.6069	2.1649	2.7827	19.4403			
207	S	178.520	173.132	160.237	154.855	167.404	177.005	161.372	155.424	168.574	165.553			
288	I	2.6484	4.1075	2.1084	2.6378	2.2461	2.1540	2.6411	2.1953	2.7989	19.4300			
	S	178.924	173.629	161.529		169.081	176.627	159.283	153.272	167.598	165.641			
289	Т	2.6718	4.1454			2.2845			2.1790		19.5768			
	S	177.357	172.042	159.382	152.467	166.239			154.418		164.399			
290	T	2.6561	4.1206			2.2691	2.1571	2.6234		2.7732	19.4762			
	S	178.406	173.077	160.298	 	167.367	176.373	160.357	155.453	169.151	165.248			
291	T	2.6561	4.1208	2.1245		2.2872	2.1613		2.1962	2.8012	19.6062			
	S	178.406	173.069	160.305	151.827	166.043	176.030	159.464	153.209	167.461	164.152			
292	Т	2.6684	4.1524			2.2863		2.6454	2.2005	2.8029	19.6579			
	S	177.583	171.752	158.190	151.927	166.108	175.998		152.909	167.359	163.720			
293	Т	2.6645	4.1338			2.2729					19.6224			
	S	177.843	172.525	159.786	153.779		176.096	158.724	151.888	166.309	164.017			
294	T	2.6824	4.1719			2.2792		2.6512	2.2033		19.6670			
	S	176.657	170.949			166.625	176.652	158.676	152.715	167.210	163.645			
295	Т	2.6746	4.1631	2.1584			2.1865			2.8097	19.7226			
	S	177.172	171.310	157.787	152.105	166.414	174.002	157.700	152.452	166.954	163.183			+
296	T	2.6657	4.1391	2.1311	2.7269	2.2912					19.7192		+	+
	S	177.763	172.304	159.809	152.646	165.753	174.153	157.453	151.321	166.091	163.211		-	+
297	T	2.6776	4.1532	2.1366		2.3232	2.1909		2.2374		19.8731		+	+
	S	176.973	171.719	159.397	149.322	163.470	173.652	156.603	150.388	165.552	161.948		+	+
298	T	2.6983	4.1921	2.1604	2.7993	2.3136			2.2832	2.8895	20.0492		+	+
	S	175.616	170.125		148.698	164.148				162.343	160.525		+	+
299	T	3.1892	5.0977	2.7838									+	+
	S	148.584	139.903	122.339	95.082	71.943	67.422	56.395						

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/SS	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	6.8603	10.1077	4.6129	5.7080	5.0609	4.9948	5.4439	4.4519	4.5587	41.6914		35.085	5
1	S	69.073	70.558	73.830	72.924	75.041	76.170	77.276	75.581	102.900	77.196		73.39	O
	Т	4.9524	7.4705	3.6104	4.7411	4.8468	4.2573	4.1738	3.1119	3.2667	32.9604			
2	S	95.684	95.466	94.330	87.796	78.355	89.365	100.791	108.126	143.598	97.644			
3	Т	2.9672	4.6396	2.3644	2.7563	2.3190	2.2118	2.7312	2.2427	2.8764	20.4690			
3	S	159.701	153.716	144.040	151.018	163.766	172.011	154.028	150.032	163.083	157.233			T
	Т	2.7100	4.2656	2.2213	2.6189	2.2382	2.1863	2.6036	2.1350	2.7501	19.4634			
4	S	174.857	167.194	153.319	158.941	169.678	174.018	161.577	157.601	170.572	165.357			
5	Т	2.6749	4.1473	2.1075	2.5754	2.2300	2.1567	2.5924	2.1431	2.7610	19.2410			
	S	177.152	171.963	161.598	161.625	170.302	176.406	162.275	157.005	169.899	167.268			
6	Т	2.6401	4.1004	2.0888	2.5625	2.2000	2.1074	2.4446	2.1005	2.7237	18.8676			
_ •	S	179.487	173.930	163.045	162.439	172.624	180.533	172.086	160.189	172.226	170.578			
7	Т	2.5948	3.9978	1.9996	2.6070	2.2384	2.1125	2.4779	2.0870	2.7040	18.8212			
	S	182.620	178.394	170.318	159.666	169.663	180.097	169.774	161.225	173.480	170.999			
8	Т	2.5825	4.0189	2.0764	2.6952	2.2872	2.1295	2.4685	2.0586	2.6953	18.9932			
_ 。	S	183.490	177.457	164.019	154.441	166.043	178.659	170.420	163.450	174.040	169.450			
9	Т	2.6114	4.0625	2.0916	2.6615	2.2412	2.1099	2.5401	2.1580	2.7561	19.1698			
	S	181.460	175.552	162.827	156.397	169.451	180.319			170.201	167.889			
10	Т	2.6031	4.0338	2.0675	2.6273	2.2456	2.1374	2.5366	2.1040	2.7461	19.0676			
10	S	182.038	176.801	164.725	158.433	169.119	177.999			170.821	168.789			
11	Т	2.6239	4.0515					2.5322	2.1195	2.7476	19.0282			
	S	180.595	176.029	165.276	159.734		179.663	166.133	158.753	170.728	169.138			
12	T	2.5980	4.0797	2.1510	2.7135	2.2760	2.1344	2.5429	2.2502	2.8066	19.4726			
12	S	182.396	174.812	158.330		166.860			149.532	167.138	165.278			
13	T	2.6672	4.1342	2.1120	2.5993	2.2255	2.1203	2.5692	2.1797	2.7681	19.2413			
	S	177.663	172.508	161.254						169.463	167.265			
14	T	2.6191	4.0592	2.0984			-				19.2194			
	S	180.926	175.695	162.299		168.249				169.316	167.456			
15	T	2.6069			•	+		•			19.0321			
	S	181.773	177.612	166.904	158.704	169.640	179.299	167.176		170.121	169.104			
16	Т	2.6336	4.0890			2.2575	2.4820	3.4932	3.5008	4.5943	23.7052			
	S	179.930	174.415	161.905	157.653	168.227	153.285	120.429	96.114	102.103	135.768			
17	T	4.4809	6.7989	3.3110	4.1273	3.5186	3.3203	3.6547	2.9865	4.3576	29.7569			
	S	105.752	104.897	102.860	100.853	107.933	114.584		112.666	107.649	108.156			
18	T	5.1714	8.1282	4.3175	5.3295	4.4287	4.7669	5.5454	4.4766	6.2940	40.3300			
	S	91.632	87.742	78.881	78.103	85.753	79.812	75.861	75.164	74.530	79.802			
19	Т	6.5529	9.7610		5.4194		3.8547	5.2315	4.2769	5.8574	40.4046			
	S	72.314	73.064	74.187	76.807	82.182	98.699	80.413	78.673	80.085	79.654			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

DT to DO

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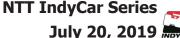
Section Data Report Report: July 20, 2019 NDYCAR **Session:** Race

Section Data for Car 5 - Hinchcliffe, James

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	6.7413	10.1870	4.8979	5.9517	4.7092	4.5245	4.6893	3.3200	5.3170	40.1509)		
	S	70.293	70.009	69.534	69.938	80.645	84.088	89.711	101.349	88.225	80.158			
21	T	6.2737	9.2326	4.2367	5.1810	4.0264	4.3734	5.6642	4.1057	5.7294	39.5905	i		
	S	75.532	77.246	80.385	80.342	94.321	86.993	74.270	81.954	81.874	81.292			
22	T	6.1643	9.4684	4.6860	5.3348	4.1844	4.5933	4.8486	3.7738	5.4110	38.9962			
	S	76.872	75.322	72.678	78.025		82.828			86.692	82.531			
23	T	6.0443	9.1299	4.3964	5.2954	4.6587	4.5901	5.3729	4.4283	6.1093	40.8954			
23	S	78.398	78.115	77.465	78.606	81.519				76.783	78.698			
24	T	4.9949	7.4649	3.6432	4.8841		3.2304	3.3492	2.3511	2.8460	28.6382			
27	S	94.869	95.538	93.481	85.226	113.728	117.773	125.607	143.115	164.825	112.381			
25	Т	2.7123	4.2593			2.2761	2.2187	2.6678		-	19.8875			
23	S	174.709		152.543				-			161.830			
26	Т	2.6659									19.6163	_		
	S	177.750		+	+				+	•				
27	LT.	2.6978	4.1888	2.1408	2.6600	2.2597	2.1708	2.6006	2.1127	2.7478	19.3902			
	S	175.648												
28	<u>T</u>	2.6506												
	S	178.776									166.530			
29	T	2.6693	·						+		19.3905			
	S	177.524									165.978			
30	T	2.6418				-			-		19.3851			
	S	179.372						-			166.024			
31	T	2.6620							2.1443		19.2886			
	S	178.010		161.767						169.573	166.855			
32	T	2.6422												
	S	179.344	-								165.776			
33	Т	2.6345				2.2397					19.3670			4
	S	179.869		164.860							166.180		+	
34	T	2.6597									19.4941		+	+
	S	178.164									165.096		+	
35	T	2.6283					2.1454			2.8716	-			1
	S	180.293			150.772					163.355			+	
36	T	2.6799			+						19.6022		+	+
	S	176.821	171.810		152.909						164.186		+	+
37	T	2.6409	-	2.1089							19.6646		+	
	S	179.433		161.491	151.320		176.832				163.665			1
38	Т	2.6672		2.1632		-								
	S	177.663	171.822	157.437	151.182	166.750	177.558	160.321	146.212	165.604	162.860			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG July 20, 2019 INDYCAR

Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	2.6587	4.1220	2.1249	2.7761	2.2938	2.1510	2.6019	2.2754	2.8500	19.7318			
39	S	178.231	173.018	160.275	149.941	165.565	176.873	161.683	147.876	164.593	163.107			
40	Т	2.6570	4.1215	2.1390	2.7853	2.3054	2.1599	2.6447	2.2904	2.8379	19.8196			
40	S	178.345	173.039	159.218	149.445	164.732	176.145	159.066	146.908	165.295	162.385			
41	Т	2.6664	4.1415	2.1396	2.7770	2.3005	2.1676	2.6583	2.2627	2.8285	19.8006			
41	S	177.717	172.204	159.174	149.892	165.083	175.519	158.252	148.706	165.844	162.541			
42	Т	2.6698	4.1511	2.1565	2.8011	2.3054	2.1684	2.6678	2.2546	2.8523	19.8759			
42	S	177.490	171.806	157.926	148.602	164.732	175.454	157.689	149.240	164.461	161.925			
43	Т	2.7428	4.2742	2.2127	2.7905	2.3214	2.1808	2.6614	2.3042	2.9191	20.1329			
43	S	172.766	166.857	153.915	149.167	163.596	174.456	158.068	146.028	160.697	159.858			
44	Т	2.7473	4.2913	2.2267	2.7781	2.3021	2.1789	2.6964	2.3062	2.8583	20.0940			
44	S	172.483	166.192	152.947	149.833	164.968	174.609	156.016	145.901	164.115	160.167			
45	Т	2.6972	4.2030	2.1856	2.7957	2.3303	2.2027	2.7181	2.3337	2.8735	20.1368			
45	S	175.687	169.684	155.824	148.889	162.972	172.722	154.771	144.182	163.247	159.827			
46	Т	2.7070	4.2194	2.1973	2.8369	2.3190	2.2011	2.7410	2.3348	2.8972	20.2343			
40	S	175.051	169.024	154.994	146.727	163.766	172.847	153.477	144.114	161.912	159.057			
47	Т	2.7381	4.2692	2.2144	2.8414	2.3286	2.1871	2.7016	2.4423	2.8980	20.3515			
47	S	173.063	167.053	153.797	146.495	163.091	173.954	155.716	137.771	161.867	158.141			
48	Т	2.7505	4.3349	2.3021	2.8694	2.4140	2.2752	2.7690	2.4079	2.9804	20.7685			
40	S	172.283	164.521	147.938	145.065	157.321	167.218	151.926	139.739	157.392	154.965			
49	Т	2.7642	4.2899	2.1957	2.8343	2.3458	2.2004	2.6916	2.3646	2.9328	20.3294			
43	S	171.429	166.247	155.107	146.862	161.895	172.902	156.294	142.298	159.946	158.313			
50	Т	2.7297	4.2527	2.2117	2.8015	2.3156	2.1930	2.6940	2.2523	2.8751	20.0729			
30	S	173.596	167.701	153.985	148.581	164.006	173.486	156.155	149.393	163.156	160.336			
51	Т	2.7030	4.2037	2.1861	3.1240	3.0728	3.2498	3.6974	3.0980	4.2765	25.4076			
31	S	175.310	169.656	155.788	133.243	123.592	117.070	113.778	108.611	109.690	126.671			
52	T	4.2866	6.6107	3.3167	4.1225	3.5678	3.8619	5.0034	3.8247	4.8963	32.8799			
J-2	S	110.545	107.883	102.683	100.970	106.445	98.515	84.079	87.975	95.805	97.884			
53	T	5.5653	8.3184	3.8998	5.0002	5.4295	5.1746	6.0833	4.9237	5.7750	41.8514			
	S	85.146	85.735	87.330	83.247	69.946	73.523	69.154	68.338	81.228	76.901			
54	T	5.9008	9.2868	4.7787	5.6572	4.9681	4.9063	5.7349	4.6731	6.2453	42.8644			
	S	80.305	76.795	71.268	73.579	76.442	77.544	73.355	72.003	75.111	75.083			
55	Т	7.0316	10.4146	4.8227	5.8034	5.2900	5.8594	7.6127			60.2080	1647.1915		46.8658
	S	67.391	68.479	70.618	71.725	71.791	64.931	55.261			53.455	0.605		60.616
56	T						3.7994	4.7523	4.4276	6.0944	1664.4397		30.5904	
	S						100.135	88.522	75.995	76.971	1.934		84.175	
57	T	6.1225	8.7116	3.6629	4.2862	4.4644	4.4422	5.6108	4.3383	5.2603	38.1876			
	S	77.397	81.866	92.978	97.114	85.067	85.646	74.977	77.560	89.176	84.279			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series

Session: Race July 20, 2019 NOVCAR

Section Data for Car 5 - Hinchcliffe, James

Report:

Section Data Report

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	5.7653	8.6272	3.9888	4.6617	4.0197	4.4905	5.0594			52.4162	31.1115		34.1873
30	S	82.192	82.667	85.381	89.291	94.478	84.724	83.149			61.401	32.007		83.095
F0	Т						3.9022	4.0940	2.9439	3.7112	37.8169		24.9343	
59	S						97.497	102.756	114.296	126.399	85.105		103.269	
60	Т	3.8309	5.9895	3.0606	3.6021	3.0206	3.2838	4.5894	3.8752	5.9108	31.1734			
00	S	123.695	119.072	111.275	115.558	125.728	115.858	91.664	86.828	79.362	103.242			
61	Т	6.3251	9.3402	4.2740	5.1380	5.5550	5.2504	5.5681	4.0479	5.4967	41.6552			
01	S	74.918	76.356	79.684	81.014		72.462	75.552	83.124	85.340	77.263			
62	T	5.7873	8.3953	3.6455	3.9923	3.7988	4.4213	5.0913	3.8107	5.2990	35.8462			
02	S	81.880	84.950	93.422	104.263	99.972	86.050	82.628	88.298	88.524	89.784			
63	Т	5.3639	7.9780	3.7795	5.1164		5.8927	5.3394	4.3928	5.9063	41.2379			
03	S	88.343	89.394	90.109	81.356		64.564	78.788		79.422	78.045			
64	T	6.0039	8.8981	4.1373	5.1265	5.0878	5.1796	5.4090	4.1234	5.0157	40.0832			
04	S	78.926	80.150	82.317	81.196	74.644	73.452	77.774	81.602	93.525	80.293			
65	Т	4.8889	7.5674	3.9439	4.8196	4.2088	4.5855	5.1440	3.0899	3.1425	33.8231			
	S	96.926	94.244		86.366		82.969	81.781	108.896	149.273	95.154			
66	T	2.8831	4.4953		-			2.6670	2.1775	2.7544	20.0588			
	S	164.359	158.651	147.739						170.306	160.448			
67	T	2.6331	4.1016		2.6001			2.5705			19.1100			
	S	179.964	173.879		160.090		-			172.657	168.414			
68	T	2.6123	4.0583							-	18.9292			
	S	181.397	175.734		162.104						170.023			
69	T	2.6090	4.0530		2.6458						19.1036			
	S	181.627	175.964	162.975	157.325		•	163.283	+	173.570	168.471			
70	T	2.5751	3.9951	2.0581	2.6309			2.5117		2.7198				
	S	184.018	178.514		158.216					172.473	170.063			
71	Т	2.5742	3.9858							2.7520	18.9885			
	S	184.082	178.931	166.635	157.922	+			155.288	170.455	169.492			
72	7	2.5941	4.0199			•				2.7850	19.1788	•		
<u> </u>	S	182.670	177.413			 				168.435	167.810			
73	T	2.6168	4.0498		2.6561			2.5757			19.2707			
<u> </u>	S	181.085	176.103	-	156.715		179.367	163.327		168.683	167.010			
74	T	2.6150	4.0518								19.1044			
<u> </u>	S	181.210	176.016		159.703	+	179.773		+	168.817	168.464			
75	T	2.6130	4.0314							2.7687	19.2072			
<u> </u>	S	181.349	176.907	165.405						169.426	167.562			
76	Т	2.6118						2.5686			19.2350			
	S	181.432	176.731	164.637	155.625	169.435	179.316	163.779	154.001	169.758	167.320			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	2.6245	4.0597	2.0798	2.6393	2.2414	2.1298	2.5577	2.1923	2.8104	19.2752			
"	S	180.554	175.674	163.750	157.712	169.435	178.634	164.477	153.481	166.913	166.971			
78	Т	2.6322	4.0721	2.0875	2.6883	2.2510	2.1231	2.5717	2.1895	2.7776	19.3209			
/8	S	180.026	175.139	163.146	154.838	168.713	179.198	163.581	153.678	168.884	166.576			
79	Т	2.6280	4.0792	2.0972	2.6853	2.2523	2.1231	2.5567	2.1951	2.8032	19.3409			
/9	S	180.313	174.834	162.392	155.011	168.616	179.198	164.541	153.286	167.341	166.404			
80	Т	2.6410	4.0934	2.1057	2.6776	2.2422	2.1229	2.5758	2.2860	2.8480	19.4992			
80	S	179.426	174.227	161.736	155.456	169.375	179.215	163.321	147.190	164.709	165.053			
81	Т	2.6390	4.0576	2.0667	2.6783	2.2340	2.1290	2.5766	2.1410	2.7521	19.2167			
01	S	179.562	175.764	164.788	155.416	169.997	178.701	163.270	157.159	170.448	167.479			
82	Т	2.7278	4.2487	2.1887	2.7093	2.2691	2.1373	2.5586	2.2030	2.7893	19.5831			
02	S	173.716	167.859	155.603	153.637	167.367	178.007	164.419	152.736	168.175	164.346			
0.2	Т	2.6810	4.1680	2.1388	2.6871	2.2499	2.1235	2.5828	2.4352	2.9413	19.8396			
83	S	176.749	171.109	159.233	154.907	168.795	179.164	162.878	138.172	159.484	162.221			
84	Т	2.6918	4.1578	2.1203	2.7220	2.2637	2.1608	2.6671	2.2844	2.8200	19.7301			
04	S	176.040	171.529	160.623	152.921	167.766	176.071	157.730	147.294	166.344	163.121			
85	Т	2.7068	4.2402	2.2101	2.7157	2.2952	2.1810	2.6673	2.2917	2.8424	19.9102			
05	S	175.064	168.195	154.096	153.275	165.464	174.440	157.718	146.824	165.033	161.646			
86	T	2.6683	4.1284	2.1108	2.6831	2.2608	2.1315	2.5514	2.2533	2.8498	19.5090			
80	S	177.590	172.750	161.346	155.138	167.982	178.491	164.883	149.326	164.605	164.970			
87	Т	2.6659	4.1205	2.1053	2.6983		2.1440	2.6309	2.2805	2.8212	19.6124			
67	S	177.750	173.081	161.767	154.264	167.574	177.451	159.900	147.545	166.274	164.100			
88	Т	2.6508	4.1098	2.1093	2.7523	2.2880	2.1602	2.6595	2.2042	2.7708	19.5951			
	S	178.763	173.532	161.460	151.237	165.985	176.120	158.181	152.653	169.298	164.245			
89	Т	2.6320	4.0817	2.1005	2.7068	2.2680	2.1344	2.6140	2.2992	2.8485	19.6034			
09	S	180.039	174.727	162.137	153.779	167.448	178.249	160.934	146.345	164.680	164.176			
90	Т	2.6551	4.1042	2.0978	2.6959	2.2525	2.1270	2.6163	2.2537	2.8116	19.5099			
	S	178.473	173.769		154.401	168.601	178.869	160.793	149.300	166.841	164.962			
91	T	2.6598	4.1357	2.1347	2.6782	2.2489	2.1305	2.6059	2.2144	2.7859	19.4583			
71	S	178.158	172.445	159.539	155.422	168.870	178.575	161.434	151.950	168.380	165.400			
92	Т	2.6471	4.1038	2.1184	2.7529		2.1608	2.6635	2.2584	2.8132	19.6856			
	S	179.012	173.786	160.767	151.204	167.205	176.071	157.943	148.989	166.746	163.490			
93	Т	2.6558	4.1229	2.1265	2.7877	2.3064	2.1712	2.6811	2.3081	2.8387	19.8755			
	S	178.426	172.981	160.154	149.317	164.660	175.228	156.906	145.781	165.248	161.928			
94	T	2.6663	4.1347	2.1188	2.6628	2.2556	2.1425	2.6682	2.3101	2.8344	19.6587			
	S	177.723	172.487	160.736	156.320	168.369	177.575	157.665	145.655	165.499	163.714			
95	Т	2.6544	4.1230	2.1270	2.7039	2.2638	2.1437	2.6170	2.2175	2.8199	19.5472			
95	S	178.520	172.976	160.117	153.944	167.759	177.476	160.750	151.737	166.350	164.648			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

TAG July 20, 2019 INDYCAR

Section Data for Car 5 - Hinchcliffe, James

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	2.6479	4.1024	2.1097	2.7610	2.3021	2.1837	2.7068	2.2603	2.8263	19.7978			
96	S	178.958	173.845	161.430	150.761	164.968	174.225	155.417	148.864	165.974	162.564			
97	Т	2.6742	4.1671	2.1502	2.7432	2.2824	2.1566	2.6817	2.3125	2.8369	19.8377			
97	S	177.198	171.146	158.389	151.739	166.392	176.414	156.871	145.504	165.353	162.237			
98	Т	2.6883	4.1953	2.1851	2.7581	2.2856	2.1609	2.6788	2.3348	2.8646	19.9562			
96	S	176.269	169.995	155.859	150.919	166.159	176.063	157.041	144.114	163.754	161.273			
99	Т	2.6854	4.1727	2.1593	2.7816	2.3181	2.1805	2.7008	2.3186	2.8679	20.0122			
99	S	176.459	170.916	157.722	149.644	163.829	174.480	155.762	145.121	163.566	160.822			
100	Т	2.7088	4.2113	2.1697	2.8100	2.3107	2.1853	2.7134	2.4141	2.9155	20.2275			
100	S	174.935	169.350	156.966	148.132	164.354	174.097	155.039	139.380	160.896	159.110			
101	Т	2.7510	4.3003	2.2649	2.8978	2.3227	2.2057	2.7673	2.4080	2.9108	20.5282			
101	S	172.251	165.845	150.368			172.487	152.019	139.733	161.155	156.779			
102	Т	2.7437	4.2822	2.2237	2.7503	2.2916	2.1926	2.7610	2.4144	2.9409	20.3182			
102	S	172.710	166.546	153.154	151.347	165.724	173.518	152.366	139.363	159.506	158.400			
103	Т	2.7499	4.2931	2.2312	2.7841	2.3136	2.1963	2.6466	2.2733	2.8835	20.0785			
103	S	172.320	166.123	152.639	149.510			158.952	148.013	162.681	160.291			
104	Т	2.7277	4.2598	2.2200	2.8467	2.3353	2.2357	2.7463	2.3365	2.9291	20.3773			
104	S	173.723	167.421	153.409	146.222	162.623	170.172	153.181	144.009	160.148	157.940			
105	Т	2.7289	4.2430	2.2132	2.8862	2.3260	2.2045	2.7489	2.4093	2.9421	20.4591			
103	S	173.646	168.084		144.221	163.273	172.581	153.036		159.441	157.309			
106	Т	2.7303	4.2532	2.2060	2.8075	2.3122	2.1961	2.6832	2.3172	2.9319	20.1844			
100	S	173.557	167.681	154.383	148.264		173.241	156.784		159.996	159.450			
107	T	2.7906	4.3613	2.2501	2.7296	2.2921	2.1799	2.6805	2.3040	2.8698	20.0966			
107	S	169.807	163.525	151.357	152.495		174.528		•	163.458	160.146			
108	工	2.6877	4.1777	2.1813	-	-	2.2193	2.7890	2.3744	2.8677	20.3782			
100	S	176.308	170.712	156.131	142.517			-		163.577	157.933			
109	Т	2.6848	4.1744					2.7563		2.8587	20.2995			
	S	176.499	170.847	156.554			170.218			164.092	158.546			
110	T	2.6860	4.1821	2.1867	2.9513		•			2.9032	20.4587	•		
	S	176.420	170.532	155.745				150.372		161.577	157.312			
111	Т	2.7095	4.2164	-	2.8196		2.2330			3.0253	20.5404			
L	S	174.890	169.145		147.627		170.378		136.818	155.056	156.686			
112	Т	2.8055	4.3737	2.2495				2.8119		2.9555	20.8066			
	S	168.905	163.061	151.397	144.652	+			 	158.718	154.682			
113	Т	2.7965	4.3972	2.3165						2.9012	20.9539			
	S	169.449	162.190	-	-				136.946	161.689	153.594			
114	Т	2.7667	4.3707							2.8596	20.5716			
	S	171.274	163.173	146.797	144.031	161.482	169.001	148.583	146.231	164.041	156.449			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	F to T1 5	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	2.7279	4.2972	2.2799	2.8435	2.3256	2.2456	2.7776	2.3179	2.8621	20.3801			
115	S	173.710	165.964	149.379	146.386	163.301	169.422	151.455	145.165	163.897	157.919			
116	T	2.7170	4.3050	2.3060	2.8586	2.3365	2.2478	2.7645	2.2537	2.8355	20.3196			
116	S	174.407	165.664	147.688	145.613	162.539	169.256	152.173	149.300	165.435	158.389			
117	T	2.6883	4.1878	2.1847	2.7984	2.3032	2.1957	2.7108	2.2479	2.8432	19.9722			
11/	S	176.269	170.300	155.888	148.746	164.889	173.273	155.187	149.685	164.987	161.144			
118	T	2.6866	4.1941	2.2030	2.7675	2.2934	2.1971	2.7146	2.2705	2.8348	19.9675			
110	S	176.380	170.044	154.593	150.407	165.594	173.162	154.970	148.195	165.476	161.182			
119	Т	2.6987	4.2550	2.2626	2.7946	2.3210	2.2010	2.7145	2.2858	2.8456	20.1238			
119	S	175.590	167.610	150.521	148.948	163.625	172.855	154.976	147.203	164.848	159.930			
120	Т	2.7133	4.2478	2.2349	2.8359	2.3155	2.2064	2.7676	2.3532	2.8767	20.3035			
120	S	174.645	167.894	152.386	146.779	164.013	172.432	152.002	142.987	163.066	158.515			
121	Т	2.6952	4.2125	2.2103	2.7948	2.3004	2.1770	2.7285	2.2744	2.8202	20.0008			
121	S	175.818	169.301	154.082	148.937	165.090	174.761	154.181	147.941	166.332	160.914			
122	T	2.6507	4.1179	2.1443	2.7961	2.2969	2.1734	2.7265	2.3158	2.8473	19.9510			
122	S	178.769	173.191	158.825	148.868	165.341	175.050	154.294	145.296	164.749	161.315			
123	T	2.6760	4.1770	2.1909	2.7888	2.3006	2.1945	2.7685	2.3051	2.8442	20.0686			
123	S	177.079	170.740	155.447	149.258	165.076	173.367	151.953	145.971	164.929	160.370			
124	T	2.6737	4.1625	2.1817	2.8503	2.3157	2.2424	2.8656	2.3647	2.8753	20.3694			
124	S	177.231	171.335	156.102	146.037	163.999	169.664	146.804	142.292	163.145	158.002			
125	T	2.7091	4.2259	2.2091	2.9260		2.2222	2.7818		2.8744	20.4407			
123	S	174.916	168.764	154.166	142.259	160.880	171.206	151.226	142.726	163.196	157.451			
126	LT	2.7054	4.2332	2.2269	2.9072	2.3440	2.2092	2.7486	2.3457	2.8832	20.3702			
120	S	175.155	168.473	152.934	143.179	162.019	172.214	153.053	143.444	162.698	157.996			
127	T	2.7150	4.2408	2.2176	2.7636	2.2962	2.1845	2.7013	2.3367	2.9675	20.1824			
127	S	174.535	168.172	153.575	150.619	165.392	174.161	155.733	143.997	158.076	159.466			
128	LT	2.7510	4.2762	2.2178	2.8304	2.3227	2.2033	2.7826	2.3435	2.8728	20.3241			
120	S	172.251	166.779	153.561	147.064	163.505	172.675	151.183	143.579	163.287	158.354			
129	L	2.6919	4.1908	2.1893	2.9509	2.3725	2.2540	2.7790	2.3061	2.8784	20.4221			
123	S	176.033	170.178	155.560	141.059	160.073	168.791	151.379	145.907	162.969	157.594			
130	T	2.6981	4.1933	2.1797	2.8660	2.3527	2.2065	2.7243	2.3573	2.9180	20.3026			
130	S	175.629	170.077	156.245	145.237	161.420	172.424	154.418	142.738	160.758	158.522			
131	T	2.7104	4.2192	2.2071	2.9273	2.3338	2.1958	2.7666	2.4276	2.9041	20.4727			
131	S	174.832	169.032	154.306	142.196	162.727	173.265	152.057	138.605	161.527	157.204			
132	I	2.7085	4.2259	2.2213	2.9017	2.3375	2.2116	2.7954	2.4039	2.8807	20.4606			
132	S	174.954	168.764	153.319	143.450	162.470		150.491	139.971	162.839	157.297			
133	T	2.7097	4.2298		2.9349	2.3626		2.8240		2.9010	20.5847			
133	S	174.877	168.609	153.908	141.828	160.744	170.539	148.967	139.687	161.700	156.349			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Section Data for Car 5 - Hinchcliffe, James

Report:

Lap	T/S ^S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	2.7041	4.2069	2.1931	2.9440	2.3558	2.2116	2.8010	2.4165	2.8942	20.5203	3		
134	S	175.239	169.527	155.291	141.389	161.208	172.027	150.190	139.242	162.080	156.840			
135	T	2.7204	4.2427	2.2089	2.9398	2.4031	2.2582	2.8064	2.4208	2.9404	20.6980			
135	S	174.189	168.096	154.180	141.591	158.035	168.477	149.901	138.994	159.533	155.493			
136	T	2.7622	4.3220	2.2707	2.9842	2.3728	2.2451	2.8322	2.3268	2.8822	20.6762	1		
130	S	171.553	165.012	149.984	139.485	160.053	169.460	148.535	144.609	162.754	155.657	1		
137	T	2.7164	4.2338	2.2092	2.8805	2.3813	2.2498	2.7960	2.3612	2.9170	20.5114			
13/	S	174.445	168.450	154.159	144.506	159.481	169.106	150.458	142.503	160.813	156.908	3		
138	T	2.7433	4.2935	2.2643	2.9531	2.3734	2.2600	2.8312	2.3441	2.9004	20.6698			
130	S	172.735	166.107	150.408	140.954	160.012	168.343	148.588	143.542	161.733	155.705	i		
139	T	2.7181	4.2438	2.2292	2.9820	2.3742	2.2625	2.8453	2.3957	2.9098	20.7168			
139	S	174.336	168.053	152.776	139.588	159.958	168.157	147.851	140.451	161.211	155.352			
140	T	2.7480	4.3235	2.2825	2.8940	2.3391	2.2773	2.8636	2.4741	2.9264	20.8050			
140	S	172.439	164.955	149.208	143.832	162.358	167.064	146.907	136.000	160.296	154.694			
141	T	2.7327	4.2711	2.2430	2.9991	2.3737	2.3254	2.9258	2.5152	3.0609	21.1758			
141	S	173.405	166.978	151.836	138.792	159.992	163.608	143.784	133.778	153.253	151.985	i		
142	T	2.8661	4.5074	2.3497	2.9002	2.3826		2.8934	2.4225	2.8871	20.9624	1		
142	S	165.334	158.225	144.941	143.525	159.394	168.283	145.394	138.897	162.478	153.532			
143	T	2.7137	4.2886	2.2972	3.0349	2.4776					42.1409	32.0160		23.0252
143	S	174.619	166.297	148.254	137.154	153.283					76.372	31.103		123.378
144	Т						2.5335	2.8437	2.2199	2.8107	31.7123		18.8120	
177	S						150.170		151.573	166.895	101.487	1	136.878	
145	ഥ	2.7276	4.2458	2.1684	2.6573				2.2026	2.7720	19.7607			
143	S	173.729	167.973	157.060	156.644			151.140	152.764	169.225	162.869			
146	ഥ	2.6553	4.1133	2.0894	2.5708			2.4994	2.0983	2.7330	18.9670			
140	S	178.460	173.384	162.998	161.915	172.186	179.867	168.313	160.357	171.640	169.684			
147	ഥ	2.6112	4.0410	2.0577	2.5615				2.0707	2.7060	18.8200			
177	S	181.474	176.486	165.509	162.502		180.276		162.494	173.352	171.010			
148	ፗ	2.6046	4.0525	2.0808	•	·	2.0802	2.4607	2.1231	2.7340	18.8194			
140	S	181.933	175.986	163.672	163.633	173.238		170.960	158.484	171.577	171.015			
149	工	2.6348	4.1024	2.1055	2.6116			-	2.1300	2.7318	19.0570			
147	S	179.848	173.845	161.752	159.385	171.200		167.057	157.971	171.715	168.883			
150	工	2.5966	4.0348	2.0771	2.5855		2.1082	2.5015	2.1157	2.7346	18.9300			
130	S	182.494	176.758	163.963	160.994	171.781	180.464		159.038	171.539	170.016			
151	T	2.6011	4.0344	2.0607	2.6046	2.2211	2.1287	2.5935	2.1757	2.7731	19.1585			
	S	182.178	176.775	165.268	159.813		-	-	154.652	169.158	167.988			
152	T	2.6264	4.0733	2.0854	2.5969		2.1118	2.5429	2.2494	2.8097	19.2356			
152	S	180.423	175.087	163.311	160.287	171.602	180.157	165.434	149.585	166.954	167.315			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	2.6650	4.1335	2.0980	2.6434	2.2553	2.1730	2.6241	2.2909	2.8162	19.5659			
153	S	177.810	172.537	162.330	157.468	168.391	175.083	160.315	146.876	166.569	164.490			
154	Т	2.6538	4.1514	2.1403	2.6756	2.2650	2.1736	2.7155	2.2509	2.7913	19.6660			
154	S	178.560	171.793	159.122	155.573	167.670	175.034	154.919	149.486	168.055	163.653			
155	Т	2.6665	4.1872	2.2030	2.7150	2.2373	2.1821	2.8177	2.5415	2.9430	20.3061			
155	S	177.710	170.324	154.593	153.315	169.746	174.352	149.300	132.393	159.392	158.494			
156	Т	2.7343	4.2645	2.2013	2.7116	2.2709	2.1693	2.6160	2.1995	2.8028	19.7057			
156	S	173.303	167.237	154.712	153.507	167.234	175.381	160.811	152.979	167.365	163.323			
157	Т	2.6472	4.1285	2.1379	2.6929	2.2559	2.1229	2.6768	2.5645	2.9836	20.0817			
15/	S	179.006	172.746	159.300	154.573	168.346	179.215	157.158	131.206	157.223	160.265			
158	Т	2.7476	4.2534	2.1805	2.6748	2.2485	2.1287	2.5531	2.2400	2.8190	19.5922			
136	S	172.465	167.673	156.188	155.619	168.900	178.726	164.773	150.213	166.403	164.269			
159	Т	2.6634	4.1373	2.1363	2.7075	2.2485	2.1360	2.6047	2.2109	2.7809	19.4882			
139	S	177.917	172.379	159.420	153.740	168.900	178.115	161.509	152.190	168.683	165.146			
160	Т	2.6328	4.0824	2.0915	2.6479	2.2171	2.1292	2.6354	2.2291	2.8108	19.3938			
100	S	179.985	174.697	162.834	157.200	171.293	178.684	159.627	150.948	166.889	165.950			
161	T	2.6646	4.1431		2.6718	2.2432	2.1846	2.6544	2.2486	2.7917	19.5878			
101	S	177.837	172.137	159.974	155.794	169.300	174.153	158.485	149.639	168.031	164.306			
162	T	2.6191	4.1124		2.7150		2.1491	2.8010	2.4966	2.9361	20.1575			
102	S	180.926	173.422	157.714	153.315	166.479	177.030	150.190	134.774	159.767	159.663			
163	T	2.7097	4.1939	2.1367	2.7351		2.1528		2.2961	2.8706	19.8060			
103	S	174.877	170.052	159.390	152.188	166.918	176.725	159.967	146.543	163.412	162.496			
164	T	2.7127	4.2290	2.1916	2.8261	2.2983	2.1833	2.7197	2.2913	2.8589	20.0819			
107	S	174.683	168.641	155.397	147.288	165.241	174.257	154.679	146.850	164.081	160.264			
165	工	2.6977	4.2030	2.1801	2.7640		2.1736	2.7031	2.2370	2.7926	19.8180			
103	S	175.655	169.684	156.217	150.597	167.308	175.034	155.629	150.415	167.976	162.398			
166	T	2.6937	4.1858		2.7066				2.2494		19.6952			
	S	175.916		159.405	153.791				149.585		163.410			
167	T	2.6536		1	2.6849		2.1513			2.7700	19.4947			
	S	178.574		161.078	155.034		176.849		151.491	169.347	165.091			
168	Т	2.7062			2.7332	-	2.1662			2.8007	19.7734			
	S	175.103	168.076		152.294		175.632		151.491		162.764			
169	Т	2.6432			2.7498						19.7256			
105	S	179.276			151.375						163.159			
170	I	2.6746			2.7331		2.1674				19.7294			
	S	177.172			152.300			-	150.159		163.127			
171	Т	2.6217			2.7825						19.7230			
	S	180.747	175.475	161.499	149.596	166.940	176.684	158.580	147.468	164.749	163.180			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	2.6602	4.1280	2.1364	2.7776	2.2930	2.1715	2.6465	2.2377	2.8309	19.7538			
172	S	178.131	172.767	159.412	149.860	165.623	175.204	158.958	150.367	165.704	162.926			
172	Т	2.7003	4.2105	2.1726	2.7934	2.2958	2.1583	2.6425	2.2964	2.8499	19.9092			
173	S	175.486	169.382	156.756	149.012	165.421	176.275	159.198	146.524	164.599	161.654			
174	Т	2.6671	4.1413	2.1398	2.8110	2.3007	2.1863	2.7449	2.2970	2.8561	20.0029			
1/4	S	177.670	172.212	159.159	148.079	165.068	174.018	153.259	146.486	164.242	160.897			
175	Т	2.6730	4.1384	2.1366	2.7429	2.2860	2.1730	2.6967	2.3127	2.8660	19.8869			
1/5	S	177.278	172.333	159.397	151.755	166.130	175.083	155.999	145.491	163.674	161.835			
176	Т	2.6667	4.1397	2.1485	2.7913	2.2994	2.1777	2.7015	2.2921	2.8654	19.9426			
170	S	177.697	172.279	158.514	149.124	165.162	174.705	155.722	146.799	163.709	161.383			
177	T	2.7136	4.2417	2.2130			2.1668		2.2829	2.8125	19.9332			
1//	S	174.625	168.136	153.894	150.352	165.471	175.584	156.924	147.390	166.788	161.459			
178	ᄑ	2.7011	4.2252	2.2046	2.7848	2.2827	2.1945	2.7138	2.3659	2.8759	20.1233			
176	S	175.434	168.792	154.481	149.472		173.367	155.016	142.220	163.111	159.934			
179	T	2.6851	4.1883	2.1792	2.8281	2.3316	2.2054	2.7235	2.3178	2.8661	20.1368			
1/3	S	176.479	170.280	156.281	147.184		172.510	154.464	145.171	163.669	159.827			
180	T	2.7019	4.2063	2.1733	2.8390		2.2501	2.7472	2.2966	2.8770	20.2382			
100	S	175.382	169.551	156.706	146.619		169.083	153.131	146.511	163.049	159.026			
181	工	2.6767	4.1530	2.1502	2.8421	2.3302	2.2098	2.7305	2.2987	2.8399	20.0781			
101	S	177.033	171.727	158.389	146.459		172.167	154.068	146.377	165.179	160.294			
182	Т	2.6732	4.1629				2.1753		2.2504	2.8266	19.9075			
102	S	177.265	171.319				174.898	156.300	149.519	165.956	161.668			
183	ፗ	2.6615	4.1354			2.3054		2.7217	2.3997	2.9181	20.1540			
100	S	178.044	172.458			164.732	173.352	154.566	140.216	160.752	159.690			
184	ፗ	2.7326	4.2614					2.7385	2.2917	2.8771	20.2760			
	S	173.411	167.359	-	145.075			-	-	163.043	158.730			
185	T	2.7057	4.2176				2.1971	2.7200		2.8900	20.2116			
	S	175.135	169.097	154.804	147.241	164.539	173.162	154.662	142.352	162.315	159.235			
186	ፗ	2.7343	4.2756				3.1668	3.9881	3.4308	4.6567	26.5602			
	S	173.303	166.803	151.680			120.138	105.484	98.075	100.735	121.174			
187	T	3.9368	6.0849	3.0780	3.7998		3.0741	3.7440	3.1366	3.7059	27.5235			
	S	120.368	117.205	110.646	109.545		123.761	112.362	107.275	126.579	116.933			
188	T	3.6077	5.6454	2.9277	3.6670		3.4274	4.1982	3.2469	4.1219	28.3517		+	
	S	131.348	126.330	116.326	113.512	120.376	111.004		103.630	113.805	113.517		+	
189	T	3.8469	6.0176	3.1086	3.8907	3.5043	4.0386	4.9113	3.7930	5.4704	32.5638		+	
L	S	123.181	118.516	109.557	106.986		94.205		88.710	85.751	98.834			
190	Т	8.5966	12.2839		5.1835		5.0218		5.1533	8.0876	47.1223			
	S	55.122	58.058	67.030	80.303	87.491	75.761	74.352	65.294	58.001	68.299			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S ^S	F to T1	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	6.3609	8.9858	3.6943	5.2394	4.4778	4.4203	4.8079			58.8656	36.8138		34.8866
191	S	74.496	79.368	92.187	79.446	84.812	86.070	87.498			54.674	27.050		81.429
102	Т						3.2049	3.7989	3.7578	4.0723	37.8543		25.0195	
192	S						118.710	110.738	89.541	115.191	85.021		102.917	
193	Т	3.8456	5.9309	2.9922	3.6369	2.8544	2.9920	3.9542	3.2727	4.3738	27.9218			
193	S	123.222	120.248	113.819	114.452	133.048	127.157	106.389	102.813	107.250	115.265			
194	Т	4.1034	6.3298	3.2195	4.2049	4.0662	4.2611	5.0003	4.6484	6.5468	36.0506			
154	S	115.481	112.671	105.783	98.992	93.397	89.286	84.131	72.386	71.652	89.275			
195	Т	6.7165	9.8933	4.5617	5.6749	5.2750	5.1611	4.9528	3.5017	5.3526	41.1963			
193	S	70.552	72.087	74.658	73.349	71.995	73.716	84.938	96.090	87.638	78.124			
196	Т	6.5066	9.8025	4.6481	5.3453	5.1263	5.1491	5.7993	4.6564	6.3939	43.6250			
190	S	72.828	72.755	73.270	77.872	74.083	73.888	72.540	72.261	73.365	73.774			
197	Т	7.0473	10.4799	4.7947	5.9812	5.7434	5.2461	5.6932	4.4701	6.3458	45.3218			
197	S	67.240	68.052	71.030	69.593	66.123	72.521	73.892	75.273	73.921	71.012			
198	Т	6.8863	10.0013	4.6432	5.5674	4.8094	5.2604	5.0892	4.0609	5.7506	42.0674			
190	S	68.813	71.309	73.348	74.766	78.965	72.324	82.662	82.858	81.573	76.506			
199	Т	6.3260	8.9482	3.8387	5.0082	3.8389	4.5129	5.1766	3.4962	3.3338	35.5313			
199	S	74.907	79.701	88.720	83.114	98.927	84.304	81.266	96.241	140.708	90.579			
200	Т	3.0291	4.6747	2.3284	2.7015	2.2584	2.1526	2.6059	2.1369	2.7269	19.9397			
200	S	156.437	152.562	146.267	154.081	168.160	176.742	161.434	157.460	172.024	161.407			
201	Т	2.7246	4.2904	2.2426	2.6663	2.2389	2.1777	2.5577	2.0252	2.6476	19.2806			
201	S	173.920	166.227	151.863	156.115		174.705	164.477	166.145	177.176	166.924			
202	T	2.5582	4.0195	2.1072	2.5800	2.2031	2.1183	2.5054	2.0888	2.7026	18.8636			
202	S	185.233	177.430	161.621	161.337	172.381	179.604	167.910	161.086	173.570	170.614			
203	Т	2.5970	4.0286	2.0698	2.6056	2.2099	2.1087	2.4712	2.0372	2.6757	18.7751			
203	S	182.466	177.030	164.542	159.752	171.851	180.421	170.234	165.167	175.315	171.419			
204	Т	2.5567	3.9517	2.0184	2.5555	2.1893	2.0804	2.4576		2.7261	18.7092			
204	S	185.342	180.475	168.732	162.884	173.468	182.876	171.176	158.327	172.074	172.022			
205	T	2.5822	3.9852	2.0304	2.5757	2.1978	2.1065	2.5705	2.1496	2.7447	18.9574			
203	S	183.512	178.958	167.735	161.607	172.797	180.610	163.658	156.530	170.908	169.770			
206	Т	2.5967	4.0051	2.0329	2.5802	2.2111	2.0922	2.4318		2.7635	18.8538			
200	S	182.487	178.068	167.528	161.325	171.757	181.844	172.992	156.837	169.745	170.703			
207	Т	2.6096	4.0280	2.0499	2.5962	2.2211	2.1006	2.5166	2.1301	2.7363	18.9604			
207	S	181.585	177.056	166.139	160.330	170.984	181.117	167.163	157.963	171.433	169.743			
208	Т	2.6048	4.0421	2.0915	2.7086	2.2663	2.1179	2.5221	2.2131	2.7959	19.3202			
200	S	181.919	176.438	162.834	153.677	167.574	179.638	166.798	152.039	167.778	166.582			
209	Т	2.6242	4.0418	2.0443	2.5830			2.6227	2.1412	2.7625	19.1196			
209	S	180.575	176.452	166.594	161.150	171.672	178.659	160.400	157.144	169.807	168.330			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session: Race**

Section Data for Car 5 - Hinchcliffe, James

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	2.6856	4.2444	2.2429	2.6832	2.2594	2.1267	2.5074	2.1563	2.7646	19.4261			
210	S	176.446	168.029	151.843	155.132	168.086	178.894	167.776	156.044	169.678	165.674			
211	Т	2.6036	4.0199	2.0484	2.5995	2.2238	2.1208	2.5839	2.2111	2.7761	19.1672			
211	S	182.003	177.413	166.261	160.127	170.776	179.392	162.809	152.176	168.975	167.912			
212	T	2.6016	3.9944	2.0133	2.6751	2.2473	2.1101	2.4786	2.1255	2.7385	18.9900			
212	S	182.143	178.545	169.159	155.602	168.991	180.302	169.726	158.305	171.295	169.479			
213	T	2.5961	4.0209	2.0658	2.6631	2.2466	2.1454	2.6107	2.1114	2.7420	19.1811			
213	S	182.529	177.369	164.860	156.303	169.043	177.335	161.138	159.362	171.076	167.790			
214	Т	2.5863	3.9970	2.0564	2.6803		2.1695		2.1541	2.7791	19.3296			
217	S	183.221	178.429	165.614	155.300	168.272	175.365	158.928	156.203	168.792	166.501			
215	T	2.6220	4.0602	2.0935			2.1286	2.5537	2.2110	2.8008	19.4174			
213	S	180.726	175.652	162.679	152.422	166.794	178.735	164.734	152.183	167.485	165.748			
216	ഥ	2.6281	4.0645	2.0823	2.8007	2.3349	2.2002	2.6702	2.2472	2.8083	19.7719			
210	S	180.307	175.466	163.554	148.624		172.918		149.732	167.037	162.776			
217	ፗ	2.6938	4.2444	2.2406			2.1719	2.5860	2.1379	2.7608	19.6834			
217	S	175.909	168.029	-	149.698		-	162.677	157.387	169.911	163.508			
218	ፗ	2.6144	4.0397	2.0717	2.6751	2.2540		2.6191	2.2160	2.8044	19.3839			
210	S	181.251	176.543	164.391	155.602		178.684		151.840	167.270	166.035			
219	I	2.6332	4.0645				2.1510		2.2223	2.8048	19.5041			
	S	179.957	175.466				176.873	158.766	151.409	167.246	165.011			
220	Т	2.6247	4.0527	2.0827	2.7239			2.5518		2.8386	19.5057			
	S	180.540	175.977	163.522	152.814		178.609	164.857	147.604	165.254	164.998			
221	I	2.6386	4.0640				2.1237	2.5751	2.2217	2.8089	19.3984			
	S	179.589	175.488		154.636	·	179.147			167.002	165.911			
222	I	2.6303	4.0688	•	2.6936				2.2898	2.8605	19.5493			
	S	180.156	175.281	162.788		-	178.634	-		163.989	164.630			
223	I	2.6554	4.0977	2.1006			2.1419		2.1919	2.7922	19.4705			
	S	178.453	174.044	162.129	153.354		177.625		153.509	168.000	165.296			
224	I	2.6284	4.0775						2.2217	2.8010	19.4673			
-	S	180.286	174.907	161.460	•		178.266		151.450	167.473	165.323		+	
225	ᄑ	2.6453	4.1165	-	-		2.1398	-	2.3197	2.8510	19.7681		+	
	S	179.134	173.250				177.799	162.281	145.052	164.536	162.808			
226	ᄑ	2.6602	4.1150		2.7166				2.2399	2.8322	19.5756		+	
<u> </u>	S	178.131	173.313			·	178.241		150.220	165.628	164.409		+	
227	듸	2.6334	4.0716		•		2.1511	2.6252	2.2910	2.8489	19.6802		+	
-	S	179.944	175.160				176.865			164.657	163.535		+	
228	I	2.6829	4.1600					2.6185		2.8366	19.6999			
	S	176.624	171.438	159.189	152.027	166.545	177.186	160.658	149.082	165.371	163.371			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	SF to T1 S	F to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap P	I to PO P	O to SF	SF to PI
220	Т	2.6695	4.1439	2.1450	2.7455	2.2785	2.1463	2.6508	2.3280	2.8759	19.8395			
229	S	177.510	172.104	158.773	151.612	166.677	177.261	158.700	144.535	163.111	162.222			
230	Т	2.6609	4.1132	2.1169	2.7448	2.2791	2.1416	2.6221	2.2652	2.8351	19.6657			
230	S	178.084	173.389	160.881	151.650	166.633	177.650	160.437	148.542	165.458	163.656			
231	Т	2.6719	4.1576	2.1611	2.7742	2.2909	2.1810	2.6945	2.1927	2.7936	19.7599			
231	S	177.351	171.537	157.590	150.043	165.774	174.440	156.126	153.453	167.916	162.875			
232	Т	2.6693	4.1604	2.1728	2.8396	2.3297	2.1751	2.6738	2.3502	2.8671	20.0776			
232	S	177.524	171.421	156.742	146.588	163.014	174.914	157.335	143.170	163.612	160.298			
233	Т	2.6805	4.1598	2.1574	2.8038	2.3037	2.1602	2.6629	2.2742	2.8304	19.8731			
233	S	176.782	171.446	157.860	148.459	164.853	176.120	157.979	147.954	165.733	161.948			
234	Т	2.6610	4.1308	2.1376	2.8206	2.3305	2.1658	2.6534	2.3398	2.8728	19.9815			
234	S	178.077	172.650	159.323	147.575	162.958	175.665	158.544	143.806	163.287	161.069			
225	Т	2.6736	4.1513	2.1492	2.8131	2.3126	2.1617	2.6480	2.3369	2.9136	20.0087			
235	S	177.238	171.797	158.463	147.968	164.219	175.998	158.868	143.984	161.000	160.850			
236	Т	2.7259	4.2516	2.2177	2.8263	2.2960	2.1783	2.7298	2.3531	2.8577	20.1848			
230	S	173.837	167.744	153.568	147.277	165.406	174.657	154.107	142.993	164.150	159.447			
237	Т	2.6640	4.1326	2.1338	2.8270	2.3262	2.2110	2.7366	2.3170	2.8812	20.0968			
237	S	177.877	172.575	159.606	147.241	163.259	172.074	153.724	145.221	162.811	160.145			
238	T	2.7391	4.2691	2.2014	2.8137	2.3194	2.2026	2.7072	2.3354	2.9202	20.2390			
236	S	173.000	167.057	154.705	147.937	163.737	172.730	155.394	144.077	160.637	159.020			
239	Т	2.7492	4.2810	2.2010	2.8379	2.3435	2.2532	2.7660	2.2709	2.8318	20.2535			
239	S	172.364	166.592	154.733	146.675		168.851	152.090	148.169	165.651	158.906			
240	T	2.7136	4.2547	2.2416	2.8122	2.2966	2.2196	2.7934	2.3161	2.8572	20.2503			
240	S	174.625	167.622	151.931	148.016	165.363	171.407	150.598	145.278	164.179	158.931			
241	Т	2.6867	4.1819	2.1820	2.8833	2.3247	2.1990	2.7257	2.3580	2.8953	20.2547			
241	S	176.374	170.540	156.081	144.366	163.364	173.013	154.339	142.696	162.018	158.896			
242	Т	2.6968	4.1999	2.1866	2.8136	2.3293	2.2210	2.7596		2.8253	20.0842			
	S	175.713	169.809	155.752	147.942	163.042	171.299	152.443	149.413	166.032	160.245			
243	T	2.7057	4.2289	2.2087	2.8709		2.1990	2.7063	2.3542	2.8777	20.2794			
	S	175.135	168.645	154.194	144.989	161.132	173.013	155.445	142.926	163.009	158.703			
244	T	2.6859	4.1796	2.1706	2.7992	2.3036		2.6942	2.2495	2.8256	19.9064			
	S	176.426	170.634	156.900	148.703		174.697	156.144	149.579	166.015	161.677			
245	Т	2.6921	4.1970	2.1744	2.7977	2.3332	2.2253	2.7699	2.3344	2.8648	20.1918			
2-3	S	176.020	169.927	156.626	148.783	162.769	170.968	151.876	144.139	163.743	159.391			
246	T	2.6824	4.1845	2.1906	2.9042	2.3599	2.1993	2.7030	2.3539	2.8959	20.2892			
270	S	176.657	170.434	155.468	143.327	160.927	172.989	155.635	142.945	161.984	158.626			
247	Т	2.7206	4.2500	2.2229	2.8574	2.3272	2.1924	2.6835	2.2172	2.8047	20.0259			
	S	174.176	167.807	153.209	145.674	163.189	173.533	156.766	151.758	167.252	160.712			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 5 - Hinchcliffe, James

Race

Report:

Session:

Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	2.6931	4.2131	2.1995	2.8085	2.3072	2.1883	2.7054	2.3285	2.8992	20.1297			
240	S	175.955	169.277	154.839	148.211	164.603	173.858	155.497	144.504	161.800	159.883			
249	T	2.7275	4.2586	2.2107	2.8380	2.3696	2.2234	2.6913	2.2377	2.9258	20.2240			
249	S	173.736	167.469	154.054	146.670	160.269	171.114	156.312	150.367	160.329	159.138			
250	T	2.7310	4.2642	2.2049	2.8026	2.4041	3.0555	4.2452			40.5861	30.9699		22.5068
250	S	173.513	167.249	154.460	148.523	157.969	124.515	99.096			79.298	32.154		126.219
251	T						2.5005	2.8783	2.2207	2.8025	31.8270		18.9364	
251	S						152.151	146.156	151.519	167.383	101.122		135.978	
252	T	2.6962	4.2189	2.1840	2.6163	2.2199	2.1389	2.5677	2.0956	2.7285	19.2471			
232	S	175.752	169.044	155.938	159.099	171.077	177.874	163.836	160.564	171.923	167.215			
253	Т	2.6169	4.0563	2.0701	2.6001	2.2148	2.1205	2.5769	2.1272	2.7355	19.0620			
253	S	181.078	175.821	164.518	160.090	171.470	179.417	163.251	158.178	171.483	168.839			
254	T	2.6287	4.0795	2.0899	2.5761	2.1791	2.1303	2.5719	2.1274	2.7007	19.0041			
254	S	180.265	174.821	162.959	161.581	174.280	178.592	163.568	158.164	173.692	169.353			
255	Т	2.6084	4.0660	2.0963	2.5879	2.1784	2.1107	2.6712	2.2281	2.7799	19.2609			
255	S	181.668	175.401	162.462	160.845	174.336	180.250	157.488	151.015	168.744	167.095			
256	Т	2.6494	4.0968	2.0813	2.5827	2.1835	2.1503	2.5459	2.0970	2.6824	18.9725			
256	S	178.857	174.083	163.632	161.169	173.928	176.931	165.239	160.456	174.877	169.635			
257	Т	2.5538	4.0704	2.2021	2.6510	2.2417	2.1277	2.5726	2.1202	2.7533	19.2224			
257	S	185.552	175.212	154.656	157.016	169.413	178.810	163.524	158.701	170.374	167.430			
258	Т	2.6514	4.1422	2.1399	2.6305	2.2346	2.1916	2.6327	2.1156	2.7086	19.3049			
256	S	178.722	172.175	159.151	158.240	169.951	173.597	159.791	159.046	173.186	166.714			
259	Т	2.5909	4.0892	2.1825	2.8006	2.2845	2.1346	2.5078	2.1105	2.6944	19.3058			
259	S	182.895	174.406	156.045	148.629	166.239	178.232	167.749	159.430	174.098	166.706			
260	T	2.5749	4.0753	2.1584	2.6178	2.2270	2.1003	2.4748	2.0816	2.7112	18.9460			
200	S	184.032	175.001	157.787	159.008	170.531	181.143	169.986	161.644	173.020	169.872			
261	Т	2.5989		2.0823	2.6163		2.1180	2.5699		2.7294	19.0382			
201	S	182.332		163.554	159.099	171.192	179.629	163.696	159.847	171.866	169.050			
262	Т	2.5977	4.0368	2.0760	2.5860	2.2120	2.1049	2.4893	2.0919	2.7212	18.8790			
	S	182.417	176.670	164.050	160.963	171.687	180.747	168.996	160.848	172.384	170.475			
263	T	2.6221	4.0672	2.0742	2.5634		2.1071	2.5161		3.3154	19.5904			
203	S	180.719	175.350	164.193	162.382		180.558			141.488	164.285			
264	Т	4.1463		3.9615	5.4342	5.1417	4.2155		3.3151	3.8172	34.0306			
204	S	114.286	104.349	85.970	76.598	73.861	90.251	105.194	101.498	122.889	94.574			
265	Т	3.4414		3.0441	4.0031	4.7804	4.1464	4.0769	3.2833	4.7179	31.4935			
203	S	137.695	128.775	111.878	103.982	79.444	91.755	103.187	102.481	99.428	102.193			
266	Т	5.1527	7.8345	3.8546	6.3111	8.3098	4.0529	4.6688	5.0141	7.0061	44.3701			
200	S	91.964	91.031	88.354	65.955	45.702	93.872	90.105	67.106	66.955	72.535			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

TAG July 20, 2019 INDYCAR

Section Data for Car 5 - Hinchcliffe, James

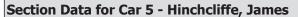
Lap	T/S	SF to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	T	6.9848	10.7935	5.2423	6.1285	6.7971	5.4492	5.8072	4.6518	6.8126	47.8735			
207	S	67.842	66.075	64.965	67.920	55.873	69.818	72.441	72.333	68.856	67.227	'		
268	T	6.8506	10.6284	5.4309	6.5968	7.3734	5.8867	5.6627	4.6739	7.2193	49.6943			
200	S	69.171	67.102	62.709	63.099	51.506	64.630	74.290	71.991	64.977	64.764			
269	T	7.0847	10.5243	4.8563	5.8054	6.0745	4.9105	6.0311	4.9283	6.7932	46.4840			
209	S	66.885	67.765	70.129	71.700	62.519	77.478	69.752	68.275	69.053	69.237	1		
270	T	7.6109	10.7395	4.5537	6.3410	7.0386	4.9846	6.3782	5.2173	7.3402	49.4645			
270	S	62.261	66.407	74.789	65.644	53.956	76.326	65.956	64.493	63.907	65.065			
271	T	7.1923	10.6695	4.9307	6.0394	5.5084	5.4569	6.0343	4.7264	6.7526	46.6410			
2/1	S	65.885	66.843	69.071	68.922	68.944	69.720	69.715	71.191	69.468	69.004			
272	T	7.3648	11.0180	5.0801	5.6171	5.5280	6.0952	5.5817	5.0377	6.8513	47.1559			
	S	64.342	64.729	67.040	74.104		62.419	75.368	66.792	68.467	68.250			
273	T	6.3678	9.4089	4.3506	5.4487	4.9932	5.0376	5.3849	4.5185	6.8483	42.9496			
	S	74.416	75.799	78.281	76.394	76.058	75.523	78.122	74.467	68.497	74.934			
274	T	6.0828	9.0500	4.2232	5.9027	5.1852	4.9217	5.7166	4.1709	3.5666	39.7697			
2/4	S	77.902	78.805	80.642	70.519	73.242	77.301	73.590	80.673	131.523	80.926			
275	T	2.9481	4.5655	2.3272	2.7817	2.2677	2.1840	2.7144	2.2085	2.7701	20.2017			
2/5	S	160.735	156.211	146.342	149.639	167.470	174.201	154.982	152.356	169.341	159.313			
276	T	2.6576	4.1405	2.1319	2.6104	2.2158	2.1166	2.5217	2.0929	2.7181	19.0650			
270	S	178.305	172.245	159.749	159.458	171.393	179.748	166.825	160.771	172.580	168.812			
277	T	2.5997	4.0275	2.0508	2.5468	2.1910	2.0811	2.4808	2.0804	2.7082	18.7388			
2//	S	182.276	177.078	166.066	163.440	173.333	182.814			173.211	171.751			
278	T	2.5710	3.9541	1.9960	2.6061	2.2272	2.1028	2.4738	2.0971	2.7102	18.7842			
2/6	S	184.311	180.365	170.625	159.721	170.516	180.928	170.055	160.449	173.084	171.335			
279	T	2.5731	3.9599	2.0089			2.0951	2.4617	2.0980	2.7234	18.8275			
2/9	S	184.161	180.101	169.530	157.378	170.884	181.593	170.891	160.380	172.245	170.941			
280	Т	2.5736	-	2.0038	2.5928					2.7260				
200	S	184.125		169.961	160.541				159.627	172.080	171.540			
281	T	2.5779		2.0332					2.1451	2.7613	18.8886	•		
201	S	183.818	178.962	167.504	162.078	172.553	181.905	167.569	156.859	169.880	170.388			
282	T	2.6212							2.1175	2.7303	18.9122			
202	S	180.781	175.986	165.413			181.445		158.903	171.809	170.176			
283	T	2.5814					2.1081	2.4955		2.7180	18.8122			
203	S	183.568	179.471	169.521	160.590	170.984	180.473	168.576	161.218	172.587	171.080			
284	T	2.5783	3.9774	2.0213	2.6103		2.1096	2.5411	2.1518	2.7638	18.9933			
204	S	183.789	179.309	168.490	159.464	171.293	180.344	165.551	156.370	169.727	169.449			
285	T	2.6114	4.0485	2.0941	2.6871	2.2410	2.1273	2.5772	2.1472	2.7624	19.2477			
205	S	181.460	176.160	162.632	154.907	169.466	178.844	163.232	156.705	169.813	167.210			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR

TAG



Race

Report:

Session:

Lap	T/S ^S	F to T1	SF to TB	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	2.6099	4.0452	2.0682	2.5846	2.2132	2.0975	2.4966	2.1007	2.7381	18.9088			
200	S	181.564	176.303	164.669	161.050	171.594	181.385	168.502	160.174	171.320	170.206			
287	Т	2.7076	4.2050	2.1330	2.6122	2.2300	2.1088	2.5203	2.1164	2.7385	19.1668			
207	S	175.012	169.603	159.666	159.348	170.302	180.413	166.917	158.986	171.295	167.915			
288	Т	2.6123	4.0517	2.0823	2.6543	2.2482	2.1233	2.5444	2.1195	2.7491	19.1334			
200	S	181.397	176.020	163.554	156.821	168.923	179.181	165.336	158.753	170.634	168.208			
289	Т	2.6204	4.0661	2.0795	2.5962	2.2200	2.1048	2.5173	2.1409	2.7637	19.0428			
209	S	180.836	175.397	163.774	160.330	171.069	180.756	167.116	157.166	169.733	169.009			
290	Т	2.6191	4.0559	2.0755	2.6932	2.2622	2.1254	2.5408	2.1697	2.7769	19.2628			
290	S	180.926	175.838	164.090	154.556	167.878	179.004	165.571	155.080	168.926	167.079			
291	Т	2.6301	4.0694	2.0792	2.6361	2.2390	2.1226	2.5651	2.1656	2.7778	19.2155			
291	S	180.169	175.255	163.798	157.904	169.617	179.240	164.002	155.374	168.871	167.490			
292	T	2.6632	4.1422	2.1209	2.6348	2.2349	2.1133	2.5396	2.1493	2.7679	19.2239			
292	S	177.930	172.175	160.577	157.982	169.928	180.029	165.649	156.552	169.475	167.417			
293	Т	2.6412	4.1000	2.0988	2.6331	2.2345	2.1238	2.5749	2.1511	2.7686	19.2260			
293	S	179.412	173.947	162.268	158.084	169.959	179.139	163.378	156.421	169.433	167.398			
294	T	2.6184	4.0486	2.0724	2.6123	2.2259	2.1260	2.5772	2.2015	2.7943	19.2280			
237	S	180.975	176.155		159.342	170.615	178.953	163.232	152.840	167.874	167.381			
295	I	2.6520	4.1249	2.1364	2.6664	2.2466	2.1156	2.5666	2.2100	2.8072	19.4008			
	S	178.682	172.897	159.412	156.109	169.043	179.833	163.906	152.252	167.103	165.890			
296	I	2.6318	4.0731	2.0859	2.6530	2.2454	2.1135	2.5395	2.1750	2.7782	19.2223			
	S	180.053	175.096	163.272	156.898	169.134	180.012	165.655	154.702	168.847	167.431			
297	Т	2.6299		2.1289		2.2636				2.8609	19.5738			
	S	180.183	174.112	159.974		167.774	179.181	162.150		163.966	164.424			
298	Т	2.6986	-		2.7496					2.8430	19.7670			
	S	175.596	171.331	161.629		-	176.439	160.022	147.190	164.999	162.817			
299	Т	2.6590		2.0989			2.1484				19.5122			
	S	178.211	173.536	162.260		168.153	177.087	160.107	150.785	166.711	164.943			
300	Т	2.6372	4.0859					2.6076		2.8268	19.5342			
	S	179.684	174.547	162.384	-	167.715	178.609		148.739	165.944	164.757			
301	Т	2.9429		2.8742										33.1352
	S	161.019	146.384	118.491	92.248	86.799	80.158	70.381						85.733

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	11.0285	7.6568	4.7414	4.9718	5.6613	4.9163	4.9879	3.8426	4.4206	41.1987		33.6244	
1	S	64.667	61.888	71.829	83.722	67.082	77.386	84.340	87.565	106.115	78.119		76.580	
	Т	5.9302	3.8952	2.8958	3.5276	3.2071	2.9710	3.5801	2.6724	2.9801	25.7293			
2	S	120.263	121.653	117.608	117.998	118.416	128.056	117.506	125.908	157.408	125.087			
3	Т	4.7738	2.9823	2.5493	3.0267	2.4262	2.3043	2.9634	2.3290	2.8851	21.4663			
	S	149.395	158.892	133.593	137.526	156.530	165.106	141.959	144.473	162.591	149.928			
4	Т	4.3559	2.7210	2.3479	2.8082	2.3092	2.2009	2.9239	2.3443	2.8725	20.5279			
	S	163.728	174.151	145.052	148.227	164.461	172.863	143.877	143.530	163.304	156.782			
5	Т	4.2896	2.7193	2.2515	2.7668	2.3005	2.1686	2.7175	2.2238	2.8185	19.9665			
	S	166.258	174.259	151.263	150.445	165.083	175.438	154.805	151.307	166.433	161.190			
6	T	4.1412	2.6496		2.7290	2.2881	2.1341	2.6133	2.1673	2.7768	19.5119			
	S	172.216	178.843	158.132	152.528	165.977	178.274	160.977	155.252	168.932	164.945			
7	┸	4.1249	2.6464	2.1423	2.7136	2.2859	2.1383	2.5910	2.1296	2.7548	19.4019			
	S	172.897	179.060	158.973	153.394		177.924	162.363	158.000	170.281	165.881			
8	T	4.0358	2.5832	2.1141	2.7664	2.3043	2.1618	2.5744	2.1480	2.7813	19.4335			
	S	176.714	183.441	161.094	150.466	164.810	175.990			168.659	165.611			
9	T	4.1002	2.6232	2.1236	2.6637		2.1324	2.5418	2.2254	2.8089	19.3820			
	S	173.938	180.643	160.373	156.268	167.818	178.416	165.505	151.199	167.002	166.051			
10	┸	4.1028	2.6571	2.0701	2.5783	2.2209	2.1197	2.6182	2.1978	2.7818	19.2439			
	S	173.828	178.339		161.444		179.485			168.629	167.243			
11	T	4.0903	2.6408		2.6455			2.7063		2.7842	19.4051			
	S	174.359	179.439		157.343		179.909	155.445	154.093	168.483	165.853			
12	LT	4.0693	2.6048							2.8539	19.4574			
	S	175.259	181.919			·	178.257	165.453	151.301	164.368	165.408			
13	ፗ	4.1440	2.6671	2.1307	2.6985	-	2.1564			2.8350	19.5123			
	S	172.100	177.670	-	-		176.430	-	-	165.464	164.942			
14	T	4.1440	2.6825					2.5490		2.8086	19.4319			
	S	172.100	176.650	162.314	156.174		176.652	165.038	153.076	167.019	165.625			
15	工	4.0844	2.6434						2.1943	2.8597	19.3806			
	S	174.611	179.263	164.106	156.685	166.611	176.808		153.342	164.035	166.063			
16	T	4.4495	2.8019		3.4492	3.0489	3.0564		3.5265	4.5003	26.7765			
	S	160.284	169.122	141.426	120.680	124.561	124.478	105.561	95.414	104.235	120.195			
17	T	6.2297	4.1148	2.9972	3.7008		2.9669	3.6619	3.0465	3.9647	27.6461			
<u> </u>	S	114.481	115.161	113.629	112.476	•	128.233	114.881	110.447	118.317	116.414			
18	T	6.3240	4.0707	3.2903	4.5868		5.0229	5.2642	4.5634	6.7335	38.4536			
	S	112.774	116.408	103.507	90.750		75.744		73.734	69.665	83.696			
19	T	9.5276	6.5532	4.1767	5.3724		4.0871		3.8190	4.7982	37.9335			
	S	74.854	72.310	81.540	77.479	79.537	93.087	96.662	88.106	97.764	84.843			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

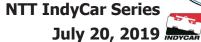
Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	10.3725	7.1038	4.6462	6.0559	6.1266	6.0854	3.6492	2.7811	4.4800	40.9282			
20	S	68.757	66.706	73.300	68.735	61.988	62.519	115.281	120.987	104.708	78.635			
21	T	9.4744	6.4192	4.3112	5.0096	5.1817	4.6464	4.5916	4.0201	5.5055	39.6853			
	S	75.275	73.820	78.996	83.090	73.291	81.882	91.620	83.699	85.204	81.098			
22	T	9.2171	6.1995	4.3048	5.8799	5.9537	4.1756	3.9384	3.9331	6.3095	40.6945			
	S	77.376	76.436	79.114	70.792	63.788	91.114	106.815	85.550	74.347	79.087			
23	Т	7.6917	5.4700	3.3438	5.3227	5.1083	4.4503	4.9049	4.4018	5.9393	38.9411			
	S	92.721	86.630	101.851	78.203	74.344	85.490	85.768	76.441	78.981	82.648			
24	Т	6.9827	4.7271	3.1558	4.6152	3.2556	2.6101	2.8777	2.2575	2.8804	26.3794			
24	S	102.136	100.244	107.918	90.191	116.652	145.762	146.187	149.049	162.856	122.004			
25	T	4.2988	2.7486	2.2161	2.7155	2.2767	2.1712	2.6534	2.3135	2.8835	19.9785			
	S	165.903	172.402	153.679	153.287	166.808	175.228	158.544	145.441	162.681	161.093			
26	T	4.2349	2.6979	2.2110	2.7695	2.2997	2.1971	2.6847	2.2445	2.8272	19.9316			
20	S	168.406	175.642	154.034	150.298	165.140	173.162	156.696	149.912	165.921	161.472			
27	T	4.2735	2.7286	2.2088	2.6966	2.2714	2.1543	2.5817	2.1969	2.8030	19.6413			
	S	166.885	173.665	154.187	154.361	167.198	176.602	162.948	153.160	167.353	163.859			
28	_ T	4.1205	2.6517	2.1107	2.7067	2.3373	2.2010	2.6342	2.2187	2.8395	19.6998			
	S	173.081	178.702	161.353	153.785	162.484	172.855	159.700	151.655	165.202	163.372			
29	T	4.2155	2.7148	2.1607	2.7521	2.3265	2.1685	2.5728	2.2285	2.8305	19.7544			
	S	169.181	174.548	157.619	151.248	163.238	175.446	163.511	150.988	165.727	162.921			
30	T	4.1372	2.6634	2.1290	2.7067	2.2899	2.1597	2.5739	2.2039	2.8286	19.5551			
30	S	172.383	177.917	159.966	153.785		176.161	163.441	152.674	165.839	164.581			
31	T	4.1093	2.6517	2.1064	2.6961	2.3037	2.1695	2.5789	2.2438	2.8679	19.6180			
31	S	173.553	178.702	161.683	154.390	164.853	175.365	163.125	149.959	163.566	164.053			
32	T	4.1543	2.6829	2.1171	2.6655	2.2718	2.1357	2.5880	2.2743	2.8495	19.5848			
32	S	171.673	176.624	160.865	156.162	167.168	178.140	162.551	147.948	164.622	164.332			
33	T	4.0949	2.6532	2.0758	2.6812	2.2989	2.1721	2.5933	2.2510	2.8805	19.6060			
	S	174.163	178.601	164.066	155.248		175.155	162.219	149.479	162.851	164.154			
34	LI	4.1189	2.6756	2.0865	2.6964		2.1621	2.6555	2.2798	2.8587	19.7089			
	S	173.149	177.106	163.225	154.372		175.965	158.419	147.591	164.092	163.297			
35	T	4.1048	2.6280	2.1522	2.8094	-	2.1880	2.6896	2.2820	2.8656	19.9602			
	S	173.743	180.313	158.242	148.163		173.882	156.411	147.448	163.697	161.241			
36	LI	4.1171	2.6728	2.0902	2.7415	2.3329	2.1838	2.5629	2.2604	2.8700	19.7145			
	S	173.224	177.291	162.936	151.833	162.790	174.217	164.143	148.857	163.446	163.250			
37	I	4.1162	2.6742	2.0750	2.6636	2.2997	2.1759	2.5472	2.2431	2.8604	19.5391			
	S	173.262	177.198	164.129	156.273	165.140	174.849	165.155	150.005	163.995	164.716			
38	T	4.0896	2.6626		2.6936	2.3210	2.1674	2.5330	2.2330	2.8774	19.5446			
	S	174.389	177.970	165.598	154.533	163.625	175.535	166.080	150.684	163.026	164.670			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series





Race

Report:

Session:

Section Data Report

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	4.1245	2.6662	2.1086	2.7182	2.3141	2.1714	2.5601	2.2335	2.8425	19.6146			
39	S	172.914	177.730	161.514	153.134	164.112	175.212	164.322	150.650	165.028	164.082			
40	Т	4.0825	2.6523	2.0573	2.6183	2.2661	2.1399	2.5390	2.2474	2.8491	19.3694			
40	S	174.692	178.661	165.541	158.977	167.589	177.791	165.688	149.718	164.645	166.159			
41	Т	4.1326	2.6676	2.0976	2.6480	2.2917	2.1655	2.6036	2.2942	2.8981	19.6663			
41	S	172.575	177.637	162.361	157.194	165.717	175.689	161.577	146.664	161.862	163.651			
42	Т	4.1786		2.1341	2.7452	2.3343	2.1939	2.5951	2.2740	2.8753	19.8485			
42	S	170.675	175.726	159.584	151.628	162.692	173.415	162.106	147.967	163.145	162.148			
43	Т	4.1551	2.6894	2.1085	2.7234	2.3380	2.1918	2.6342	2.3525	2.9706	20.0084			
43	S	171.640	176.197	161.522	152.842	162.435	173.581	159.700	143.030	157.911	160.852			
44	Т	4.1755	2.7160	2.1079	2.7406	2.3410	2.2061	2.6546	2.3130	2.9342	20.0134			
44	S	170.802	174.471	161.568	151.883	162.227	172.456	158.473	145.472	159.870	160.812			
45	Т	4.1959	2.7092	2.1323	2.7359	2.3418	2.1975	2.6569	2.3938	2.9425	20.1099			
45	S	169.971	174.909	159.719	152.144	162.171	173.131	158.336	140.562	159.419	160.041			
46	Т	4.2505	2.7350	2.1808	2.7656	2.3643	2.2165	2.7510	2.3736	2.9471	20.3339			
40	S	167.788	173.259	156.167	150.510	160.628	171.647	152.920	141.758	159.170	158.278			
47	Т	4.4195	2.7886	2.3500	2.9018	2.3954	2.2229	2.7086	2.4160	2.9764	20.7597			
4/	S	161.372	169.929	144.923	143.445	158.543	171.152	155.313	139.270	157.603	155.031			
48	Т	4.1487	2.6960	2.1015	2.7929	2.3607	2.2224	2.7268	2.3430	2.9659	20.2092			
40	S	171.905	175.765	162.060	149.039	160.873	171.191	154.277	143.610	158.161	159.254			
49	Т	4.1756	2.7060	2.1206	2.7630	2.3698	2.2376	2.7206	2.3344	2.9672	20.2192			
49	S	170.797	175.116	160.600	150.651	160.255	170.028	154.628	144.139	158.092	159.175			
50	Т	4.1798		2.1344	2.7901	2.3701				2.9891	20.2504			
30	S	170.626	175.200	159.562	149.188			157.012	142.105	156.934	158.930			
51	Т	4.6027	2.8977	2.4866	3.4467	3.1585	3.0187	3.8041	3.5888	4.5638	26.9649			
31	S	154.949	163.531	136.961	120.768		126.033	110.586	93.758	102.785	119.355			
52	Т	6.4916	4.3566	3.0446	3.7841	3.3297	3.5517	4.1759	3.7542	4.8780	30.8748			
	S	109.862	108.769	111.860	110.000	114.056	107.119	100.740	89.627	96.165	104.240			
53	Т	8.6658		4.1029	4.9991		5.4646	5.5864	4.8976	6.1426	42.3735			
	S	82.298	82.647	83.007	83.265	69.725	69.622	75.305	68.702	76.367	75.953			
54	Т	9.7143	6.5515	4.4869	5.6475		4.9093		4.6587	6.3736	43.1753			
54	S	73.416	72.329	75.903	73.705		77.497	81.275	72.226	73.599	74.543			
55	Т	10.1273	6.7995	4.7754	6.4707		6.3296				66.3895	1648.3468		49.2987
	S	70.422	69.691	71.317	64.328	67.530	60.107	51.188			48.478	0.604		57.624
56	Т						3.8595	4.1021	3.1455	4.9505	1658.7561		27.5001	
	S						98.576	102.553	106.971	94.756	1.940		93.634	
57	Т	8.2145	5.5712	3.7391	4.5527	4.5234	4.6204	5.2686	4.0270	4.9994	37.3018			
5/	S	86.820	85.056	91.083	91.429	83.957	82.342	79.847	83.555	93.829	86.280			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

Section Data Report Report: Session: Race

NTT IndyCar Series July 20, 2019 INDYCAR



Section Data for Car 59 - Daly, Conor

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	8.3067	5.8268	3.5403	4.1327	4.2448	3.9828	4.5006			41.2117	33.3986		32.9091
38	S	85.856	81.325	96.198	100.721	89.468	95.524	93.472			78.094	29.815		86.322
59	Т						3.7266	4.1311	3.3355	4.2700	52.0843		26.9883	
29	S						102.092	101.833	100.878	109.857	61.792		95.410	
60	Т	6.5594	4.2754	3.2410	3.6216	2.7662	2.8923	3.7220	3.3528	6.3386	30.2099			
00	S	108.727	110.835	105.081	114.935	137.290	131.540	113.026	100.357	74.005	106.535			
61	Т	11.4358	8.3392	4.2808	4.2286	5.3444	6.1486	5.2341	4.3172	5.4065	43.2994			
01	S	62.364	56.824	79.557	98.437	71.060	61.877	80.373	77.939	86.764	74.329			
62	Т	7.5061	4.8766	3.6838	4.4821	3.6595	4.4308	4.3626	3.7451	5.4038	34.6443			
02	S	95.014	97.171	92.450	92.869	103.777	85.866	96.429	89.845	86.808	92.898			
63	T	9.3991	6.9596	3.4810	4.3675	5.4891	6.4642	4.9779	4.3035	6.8211	42.8639			
03	S	75.878	68.088	97.836	95.306	69.187	58.856	84.510	78.187	68.771	75.084			
64	Т	9.8081	6.9750	3.9298	4.4155		4.4742	5.0379	3.7738	5.2532	38.7800			
04	S	72.714	67.937	86.663	94.270		85.033	83.503	89.161	89.296	82.991			
65	Т	6.9617	4.9861	2.8372	3.5482	3.7433	3.8277	4.2428	2.6176	2.9487	28.7516			
03	S	102.444	95.037	120.037	117.313	101.454	99.395	99.152	128.544	159.084	111.938			
66	T	4.5665	2.7864	2.5328	2.8757			2.7487	2.1849	2.7791	20.4000			
	S	156.177	170.063	134.463	144.747	163.999	174.785	153.048	154.001	168.792	157.765			
67	T	4.2937	2.7351	2.2292	2.7576	2.2865	2.1930	2.6310	2.1756	2.7778	19.7858			
	S	166.100	173.253	152.776	150.946		173.486	159.894	154.660	168.871	162.662			
68	T	4.1066	2.6357	2.1142	2.6859		2.1500	2.5437	2.1810		19.3748			
	S	173.667	179.787	161.086	154.976		176.956	165.382	154.277	168.217	166.113			
69	Т	4.1003	2.6490	2.0839	2.6393			2.4868	2.1236		19.0920			
	S	173.934	178.884	163.428	157.712			169.166	158.447	171.514	168.573			
70	ፗ	3.9749	2.5874	1.9996	2.5864			2.4785	2.2137	2.8106	18.9969			
7.0	S	179.421	183.143	170.318	160.938	-		169.732	151.998	166.901	169.417			
71	T	4.0472	2.6289	2.0433	2.6387		2.1299	2.5399		2.8660	19.3377			
	S	176.216	180.252	166.676	157.748			165.629	150.193	163.674	166.431			
72	I	4.0955	2.6673	2.0525	2.6301			2.5665	2.1952	2.7979	19.3009		ļ	
<u> </u>	S	174.138	177.657	165.928	158.264			163.913	153.279	167.658	166.749			
73	T	4.0661	2.6347	2.0568	2.6243	-	-	2.5314		2.8064	19.2329			
	S	175.397	179.855	165.582	158.614			166.185	152.245	167.150	167.338			
74	T	4.0953	2.6492	2.0727	2.6418		2.1405	2.5452	2.2310		19.3851			
	S	174.146	178.870	164.311	157.563		177.741	165.284	150.819		166.024			
75	T	4.0668	2.6450	2.0513	2.6468			2.5636	•	2.8570	19.4307			
<u> </u>	S	175.367	179.154	166.026	157.265			164.098	151.614	164.190	165.635			
76	L	4.0623	2.6549	2.0302	2.6601			2.5698		2.8363	19.3948			
	S	175.561	178.486	167.751	156.479	165.840	176.283	163.702	153.272	165.388	165.941			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO PO	O to SF	SF to PI
77	Т	4.0927	2.6615	2.0591	2.6598	2.2849	2.1603	2.5762	2.1790	2.8070	19.3878	В		
77	S	174.257	178.044	165.397	156.497	166.210	176.112	163.295	154.418	167.115	166.001			
78	Т	4.0627	2.6413	2.0452	2.6622	2.2946	2.1522	2.5175	2.2511	2.8792	19.4433			
76	S	175.544	179.405	166.521	156.356	165.507	176.775	167.103	149.472	162.924	165.527	7		
79	Т	4.1111	2.6806	2.0549	2.6646	2.3019	2.1834	2.5971	2.2064	2.8496	19.5385	5		
79	S	173.477	176.775	165.735	156.215	164.982	174.249	161.981	152.501	164.616	164.721			
80	Т	4.1144	2.6732	2.0601	2.6672	2.3041	2.1775	2.5778	2.1933	2.8438	19.4970			
80	S	173.338	177.265	165.316	156.063	164.825	174.721	163.194	153.411	164.952	165.072	2		
81	Т	4.1384	2.6852	2.0872	2.6557	2.2738	2.1520	2.5652	2.2357	2.8623	19.5171			
01	S	172.333	176.472	163.170	156.738	167.021	176.791	163.996	150.502	163.886	164.902	2		
82	Т	4.0989	2.6658	2.0663	2.6705	2.2929	2.1563	2.5503	2.2155	2.8703	19.4879			
02	S	173.993	177.757	164.820	-	165.630	176.439	164.954	151.874	163.429	165.149			
83	T	4.1031	2.6635	2.0719	2.7039	2.3126		2.5985	2.2418	2.8677	19.6412	2		
- 65	S	173.815	177.910	164.375	153.944	164.219	174.416	161.894			163.860			
84	T	4.1375	2.6747	2.0974	2.6800	2.3227	2.1910	2.6615	2.3155	2.8654	19.8082	2		
04	S	172.370	177.165	162.376	155.317	163.505	173.644	158.062	145.315	163.709	162.478	3		
85	T	4.2366	2.6963	2.2244	2.8223	2.3479	2.2063	2.6988	2.3676	2.9494	20.3130			
65	S	168.338	175.746	153.106	147.486	161.750	172.440	155.877	142.117	159.046	158.440			
86	T	4.1871	2.7154	2.1260	2.7971	2.3742	2.2096	2.6426	2.2479	2.8690	19.9818	3		
- 00	S	170.328	174.510	160.192	148.815	159.958	172.183	159.192	149.685	163.503	161.067	7		
87	Т	4.1337	2.6781	2.0938	2.7339	2.3396		2.6156	2.2707	2.8971	19.8240			
	S	172.529	176.940	162.656	152.255	162.324	173.312	160.836	148.182	161.917	162.349			
88	工	4.1039	2.6701			2.3183	2.1785	2.6022	2.2613	2.8915	19.6907	'		
	S	173.781	177.470		154.144	163.815	174.641	161.664			163.448	3		
89	T	4.1581	2.6853	2.1135	2.6808	2.3112	2.1942	2.6467	2.2812	2.9239	19.8368	3		
09	S	171.516	176.466			164.318	173.391	158.946			162.244	1		
90	T	4.1661	2.6975			2.3341	2.2010				20.0189			
	S	171.187	175.668			162.706	172.855	156.807	+		160.768			
91	T	4.2225	2.7166		2.7784	2.3418	2.2035	2.8396	2.6134	3.0263	20.6903	B		
71	S	168.900	174.433	156.893		162.171	172.659	148.148		155.005	155.551			
92	T	4.2473	2.7240			2.3455				-	20.5684			
32	S	167.914	173.959			161.915		147.194			156.473			
93	I	4.2468	2.7301			2.3692	2.2292	2.7617			20.3797			
<i></i>	S	167.934	173.570	155.902	148.565	160.296	170.669	152.327	142.479	159.468	157.922	2		
94	T	4.1892	2.6974	2.1684	2.7679	2.3343	2.1937	2.7945	2.3398	2.9152	20.2112	2		
J-1	S	170.243	175.674	157.060	150.385	162.692	173.431	150.539	143.806	160.912	159.238	3		
95	Т	4.1369	2.6831	2.1111	2.7746	2.3396	2.1896	2.7342	2.2992		20.0311			
90	S	172.395	176.611	161.323	150.022	162.324	173.755	153.859	146.345	161.772	160.670			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
06	Т	4.1330	2.6865	2.0972	2.7073	2.3222	2.1920	2.5863	2.2248	2.8417	19.6580			
96	S	172.558	176.387	162.392	153.751	163.540	173.565	162.658	151.239	165.074	163.720			
0.7	Т	4.1101	2.6599	2.0818	2.6261	2.2771	2.1604	2.5865	2.2308	2.8699	19.4925			
97	S	173.519	178.151	163.593	158.505	166.779	176.104	162.645	150.833	163.452	165.110			
	Т	4.1625	2.6833	2.1199	2.6705	2.3088	2.1870	2.6205	2.1931	2.8588	19.6419			
98	S	171.335	176.597	160.653	155.870	164.489	173.962	160.535	153.425	164.087	163.854			
99	Т	4.1190	2.6724	2.0743	2.6697	2.2745	2.1605	2.6051	2.2106	2.8404	19.5075			
99	S	173.144	177.318	164.185	155.916	166.970	176.096	161.484	152.211	165.150	164.983			
100	Т	4.1266	2.6651	2.1007	2.6883	2.2803	2.1582	2.6130	2.2328	2.8736	19.6120			
100	S	172.826	177.803	162.121	154.838	166.545	176.283	160.996	150.697	163.242	164.104			
101	Т	4.1902	2.6949	2.1461	2.6977	2.3128	2.1899	2.6600	2.2195	2.8639	19.7848			
101	S	170.202	175.837	158.692	154.298	164.205	173.731	158.151	151.600	163.794	162.670			
102	Т	4.1522	2.6802	2.1112	2.6525	2.2717	2.1635	2.6266	2.2377	2.8850	19.6284			
102	S	171.760	176.802	161.315	156.927	167.176	175.851	160.162	150.367	162.597	163.966			
103	Т	4.1773	2.6891	2.1339	2.7243	2.3500	2.1981	2.6382	2.2467	2.8691	19.8494			
103	S	170.728	176.216	159.599	152.792	161.605	173.083	159.458	149.765	163.498	162.141			
104	Т	4.1666	2.6797	2.1397	2.7034	2.2950	2.1690	2.6391	2.2326	2.8538	19.7123			
104	S	171.166	176.835	159.166	153.973	165.478	175.406	159.404	150.711	164.374	163.269			
105	Т	4.1388	2.6635	2.1230	2.7045	2.2949	2.1657	2.6414	2.3159	2.9448	19.8537			
103	S	172.316	177.910	160.418	153.910	165.486	175.673	159.265	145.290	159.295	162.106			
106	Т	4.2268		2.1433	2.7883	2.3787	2.2350	2.7417	2.3648	3.0058	20.3921			
100	S	168.729	173.291	158.899	149.285	159.656	170.226	153.438	142.286	156.062	157.826			
107	Т	4.2396	2.7470	2.1518	2.7894	2.3788	2.2504	2.7714	2.3703	3.0042	20.4633			
107	S	168.219	172.502	158.271	149.226	159.649	169.061	151.794	141.956	156.145	157.277			
108	Т	4.2277	2.7299	2.1568	2.7809	2.3532	2.2668	2.8137	2.4052	3.0044	20.5109			
100	S	168.693	173.583	157.904	149.682	161.386	167.838	149.512	139.896	156.135	156.912			
109	Т	4.2111	2.7305			2.3642	2.2295	2.7523	2.3024	2.9108	20.2188			
109	S	169.358	173.545	159.248	149.167	160.635	170.646	152.847	146.142	161.155	159.179			
110	Т	4.1558	2.6820	2.1266	2.7398	2.3106	2.2347	2.9697	2.4648	2.9791	20.5073			
110	S	171.611	176.683	160.147	151.927	164.361	170.249	141.658	136.513	157.461	156.939			
111	Т	4.2600				2.4140	2.2528			2.9856	20.5827			
111	S	167.414				157.321	168.881	151.969		157.118	156.364			
112	Т	4.2530	2.7413		+	2.3684	2.2300			2.9744	20.4164			1
112	S	167.689	172.861	155.924	·	160.350	170.607	153.020	143.115	157.709	157.638			
113	Т	4.2208	2.7292	2.1475	2.8050	2.3874	2.2532	2.7681	2.3514	2.9686	20.4104			
113	S	168.968	173.627	158.588	148.396	159.074	168.851	151.975	143.097	158.018	157.684			
114	Т	4.2331	2.7226	2.1869	2.8649	2.4345	2.3029	2.8441	2.3690	2.9646	20.6895			
114	S	168.477	174.048	155.731	145.293	155.996	165.207	147.914	142.033	158.231	155.557			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap		F to TB	SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Ť	4.2362	2.7260	2.1812	2.8855	2.4201	2.2849	2.8460	2.3700	2.9434	20.6571		1	
115	S	168.354					166.508				155.801			
446	Т	4.3397	2.7782	2.2523	2.9322	2.4482	2.3048	2.8315	2.3702	2.9691	20.8865			
116	S	164.339	170.565	151.209	141.958	155.123	165.071	148.572	141.962	157.991	154.090			1
117	Т	4.2767	2.7509	2.2072	2.8931	2.4173	2.3082	2.8577	2.3484	2.9373	20.7201			
117	S	166.760	172.258	154.299	143.877	157.106	164.827	147.210	143.279	159.701	155.327	1		T
118	Т	4.3780	2.7671	2.3188	2.9736	2.4565	2.2821	2.9783	2.5819	3.1189	21.4772			
110	S	162.901	171.249	146.873	139.982	154.599	166.712	141.249	130.322	150.403	149.852			
119	T	4.5659	2.9316	2.3384	2.9096	2.4125	2.3415	2.9032	2.3901	2.9682	21.1951			
119	S	156.197	161.640	145.642	143.061	157.419	162.483	144.903	140.780	158.039	151.846			
120	Т	4.2914	2.7503	2.2223	2.8533	2.3975	2.2751	2.8280	2.4154	2.9804	20.7223	3		
120	S	166.189				158.404	167.225	148.756			155.311			
121	Т	4.3400				2.4066	2.2701	2.7749			20.6105			
121	S	164.328				157.805	167.594	151.603			156.153			
122	ፗ	4.3665	2.8061	2.2332	2.8216	2.3689	2.2315	2.7289	2.3062	2.8972	20.3936			
122	S	163.330	168.869	152.502	147.523	160.316	170.493	154.158		161.912	157.814			
123	T	4.1874			2.8108	2.3562	2.2426	2.8115	2.3597	2.9306	20.3665	i		
123	S	170.316	175.245	158.323	148.090	161.180	169.649	149.629	142.593	160.067	158.024			
124	工	4.1738	2.7036	2.1364	2.8409	2.3725	2.2255	2.8096	2.3482	2.9444	20.3811			
	S	170.871	175.271	159.412	146.520	-	170.952	149.730	143.292	159.316	157.911			
125	工	4.1781					2.2371	2.7958			20.4854			
123	S	170.695				161.310	170.066	150.469			157.107			
126	Т	4.3210	+				2.2570				20.6536			
120	S	165.050	·			157.106	168.566	151.439		•	155.828			
127	ᄑ	4.2317		 	-	2.3803	2.2552	2.7981			20.4413			
	S	168.533			145.425	159.548	168.701	150.346			157.446			
128	I	4.3883					2.2861	2.7886			20.7415			
	S	162.519					166.421	150.858			155.167			
129	Ҵ	4.2989		+			2.2565	2.7321			20.5243			
	S	165.899				158.127	168.604	153.977			156.809			
130	I	4.1996			-	2.3942	2.3201	2.8728			20.5935			
	S	169.821			-	158.622	163.982	146.436	-	159.241	156.282			
131	I	4.3632				2.3766	2.2692	2.8517			20.7752			
	S	163.454				159.797	167.660	147.520	+		154.915			
132	ፗ	4.4207				2.4454	2.2911	2.8396			21.1592			
	S	161.328				-	166.058	148.148	-		152.104			
133	T	4.5678					2.2755				21.3039			
133	S	156.132	163.446	143.548	142.649	155.817	167.196	142.194	135.819	158.183	151.071			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap		F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
424	ŤΙ	4.4083	2.7880	2.3421	2.9989	2.4317	2.2717	2.8043	2.4280	2.9996	21.0643			
134	S	161.782	169.965	145.411	138.801	156.176	167.476	150.013	138.582	156.384	152.789		Ì	
425	Т	4.2938	2.7706	2.1877	2.8853	2.4257	2.2969	2.7967	2.3416	2.9422	20.6467			
135	S	166.096	171.033	155.674	144.266	156.562	165.638	150.421	143.695	159.435	155.880			
126	Т	4.2724	2.7409	2.2014	2.8467	2.4173	2.2709	2.8183	2.3977	2.9612	20.6544			
136	S	166.928	172.886	154.705	146.222	157.106	167.535	149.268	140.333	158.412	155.822			
407	Т	4.2437	2.7410	2.1728	2.8146	2.3943	2.2556	2.7793	2.3654	2.9653	20.4883			
137	S	168.057	172.880	156.742	147.890	158.615	168.671	151.363	142.250	158.193	157.085			
420	Т	4.2009	2.7099			2.3852	2.2481			2.9761	20.3736		ĺ	
138	S	169.769	174.864	157.963	148.438	159.220	169.234	153.042	143.469	157.619	157.969	ĺ	ĺ	
120	Т	4.2719	2.7396			2.4146	2.2863	2.7989	2.3588	2.9684	20.6081		İ	
139	S	166.947	172.968			157.282	166.406		-	158.028	156.172			
1.10	т	4.1906	2.7161			2.3845				2.9281	20.1772			
140	S	170.186	174.465	160.079	149.838	159.267	171.160	155.722	145.115	160.203	159.507		ĺ	
444	Т	4.1957	2.7010	2.1719	2.8848	2.4024					31.0158	31.5083		22.7705
141	S	169.979	175.440	1		158.081			1		103.766	31.604		124.758
4.42	Т						2.4782	2.7831	2.2663	2.8350	42.0877		18.8247	
142	S						153.521	151.156	148.470	165.464	76.469		136.785	
4.42	Т	4.1023	2.6562	2.0770	2.6598	2.2758	2.1598	2.5663	2.1796	2.7886	19.3631			
143	S	173.849	178.399			166.874	+	·	•	168.217	166.213		ĺ	
444	Т	4.0569	2.6243	1		2.2806			-	2.7766	19.3439		İ	
144	S	175.795	180.568	164.597	155.497	166.523	174.681	162.664	156.341	168.944	166.378			
4.45	Т	4.0566	2.6225	2.0520	2.6011	2.2504	2.1354	2.5273	2.1564	2.7978	19.1429			
145	S	175.808	180.692	165.969	160.028	168.758	178.165	166.455	156.037	167.664	168.125			
146	Т	4.0461	2.6253	2.0436	2.6612	2.2634	2.1339	2.4892	2.1314	2.7599	19.1079			
146	S	176.264	180.499	166.651	156.414	167.789	178.291	169.003	157.867	169.967	168.433			
447	Т	3.9998	2.5991	2.0218	2.6508	2.2561	2.1193	2.4696	2.1310	2.7702	19.0179			
147	S	178.304	182.318	168.448	157.028	168.332	179.519	170.344	157.896	169.335	169.230			
140	Т	4.0661	2.6261	2.0717	2.6107	2.2349			2.1420	2.7796	19.0547			
148	S	175.397	180.444	164.391	159.440	169.928	179.841	170.027	157.086	168.762	168.903			
140	Т	4.0567	2.6307	2.0436	2.5765	2.2210	2.1000	2.4767	2.1698	2.7924	19.0107			
149	S	175.803	180.128	166.651	161.556	170.992	181.169	169.856	155.073	167.988	169.294			
150	Т	4.0802	2.6403	2.0710	2.6150	2.2409	2.1112	2.4895	2.1667	2.8057	19.1403			
150	S	174.791	179.473	164.446	159.178	169.473	180.208	168.982	155.295	167.192	168.148			
154	Т	4.0070	2.6098	2.0223	2.6133	2.2464	2.1277	2.5473	2.1989	2.8451	19.2108			
151	S	177.984	181.571	168.406	159.281	169.058	178.810	165.148	153.021	164.877	167.531			
153	Т	4.0904	2.6518	2.0654	2.6140	2.2497	2.1288	2.5643	2.1924	2.8196	19.2860			
152	S	174.355	178.695	164.892	159.239	168.810	178.718	164.053	153.474	166.368	166.878			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Report: Section Data Report Session: Race

Section Data for Car 59 - Daly, Conor

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	O to SF	SF to PI
153	Т	4.1112	2.6571	2.0913	2.6522	2.2727	2.1342	2.5343	2.2011	2.8417	19.3846	5		
155	S	173.473	178.339	162.850	156.945	167.102	178.266	165.995	152.868	165.074	166.029			
154	Т	4.1303	2.6659	2.0999	2.6440	2.2638	2.1355	2.5569	2.2116	2.8693	19.4469			
154	S	172.671	177.750	162.183	157.432	167.759	178.157	164.528	152.142	163.486	165.497	7		
155	Т	4.0964	2.6597	2.0690	2.6685	2.2793	2.1461	2.5696	2.2068	2.8381	19.4371			
155	S	174.100	178.164	164.605	155.987	166.618		163.715	152.473	165.283	165.580			
156	Т	4.0245	2.6248	2.0302	2.7333	2.3448	2.2276	2.7648	2.3686	2.9241	20.0182	2		
130	S	177.210	180.533	167.751	152.288	161.964	170.791	152.156	142.057	160.422	160.774	1		
157	Т	4.2155	2.7084	2.1813	2.8071	2.3173	2.1834	2.6918	2.3694	2.9307	20.1894	1		
137	S	169.181	174.961	156.131	148.285	163.886	174.249	156.283	142.009	160.061	159.410			
158	Т	4.2200	2.7184	2.1690	2.8047	2.3653	2.2090	2.6864	2.2869	2.9135	20.1532	2		
136	S	169.000	174.317	157.016	148.412	160.560		156.597	147.132	161.006	159.697	7		
159	T	4.2393	2.7248	2.1753	2.7788	2.3546	2.2067	2.6836	2.3489	2.9081	20.1808	3		
139	S	168.231	173.908	156.561	149.795	161.290	172.409	156.760	143.249	161.305	159.478	3		
160	T	4.1256	2.6795	2.0942	2.7305	2.2931	2.2128	2.6942	2.2497	2.8309	19.7849			
100	S	172.867	176.848	162.624	152.445	165.615	171.934	156.144	149.565	165.704	162.670			
161	T	4.0935	2.6254	2.1363	2.8000	2.3359	2.1857	2.6761	2.3049	2.8773	19.9416	5		
101	S	174.223	180.492		148.661	162.581	174.065		145.983	163.032	161.391			
162	I	4.1395	•			2.3209		·			19.6423			
102	S	172.287	176.953		154.602	163.632	174.432		151.977	164.807	163.850			
163	ፗ	4.1452		-	2.6439	2.2971	2.1734	-			19.5541			
100	S	172.050			157.438	165.327	175.050		152.094		164.590			
164	I	4.1627	2.6976			2.2996					19.5679			
101	S	171.327	175.661		156.644	165.147	174.721		152.951	164.854	164.473			
165	ፗ	4.1464				2.2956			2.2000		19.6375			
	S	172.000			153.123	165.435				164.970	163.891			
166	፲	4.1763				2.2888				2.8405	19.6063			
	S	170.769			-	165.927	175.721	161.938			164.151			
167	듸	4.1551	2.6755		2.6607	2.3041	2.1866		2.2456		19.7229			
	S	171.640		160.774	156.444	164.825	173.994		149.838	161.344	163.181			
168	듸	4.1883		-	2.7731	2.3724			2.2480		20.0422			
	S	170.280		157.970	150.103	160.080			149.679		160.581			
169	I	4.2233			2.7699	2.3637	2.2299		2.2810		20.1598			1
	S	168.868			150.276	160.669					159.644			
170	듸	4.2480			2.8234	2.3780		2.6981	2.2600		20.1662			
<u> </u>	S	167.886	173.589		147.429	159.703				162.653	159.594			1
171	I	4.2058			2.7559	2.3328					20.1226			1
	S	169.571	175.045	158.242	151.040	162.797	173.652	153.629	144.324	160.978	159.940)		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	4.1923	2.7091	2.1445	2.8078	2.3740	2.2079	2.6728	2.3113	2.9361	20.1635			
172	S	170.117	174.916	158.810	148.248	159.972	172.315	157.394	145.579	159.767	159.615			
173	Т	4.2257	2.7176	2.1653	2.7386	2.3295	2.1861	2.6873	2.2885	2.8883	20.0012			
1/3	S	168.772	174.368	157.285	151.994	163.028	174.033	156.544	147.030	162.411	160.910			
174	Т	4.1551	2.6732	2.1395	2.7018	2.3063	2.1821	2.6719	2.2610	2.8736	19.8094			
1/4	S	171.640	177.265	159.181	154.064	164.668	174.352	157.447	148.818	163.242	162.468			
175	Т	4.1506	2.6649	2.1397	2.7024	2.3060	2.1961	2.6923	2.2684	2.8735	19.8433			
1/5	S	171.826	177.817	159.166	154.030	164.689	173.241	156.254	148.332	163.247	162.191			
176	T	4.1797	2.6782	2.1702	2.7449	2.3243	2.2096	2.6840	2.2935	2.8922	19.9969			
176	S	170.630	176.934	156.929	151.645	163.392	172.183	156.737	146.709	162.192	160.945			
177	Т	4.1750	2.6862	2.1425	2.7601	2.3515	2.2136	2.6989	2.2770	2.8739	20.0037			
1//	S	170.822	176.407	158.958	150.810	161.502	171.871	155.872	147.772	163.225	160.890			
178	T	4.1781	2.6850	2.1429	2.7362	2.3333	2.1846	2.6741	2.3035	2.9089	19.9685			
178	S	170.695	176.486	158.929	152.127	162.762	174.153	157.317	146.072	161.261	161.174			
179	Т	4.1863	2.6963	2.1453	2.7417	2.3353	2.2100	2.6772	2.2461	2.8713	19.9232			
1/9	S	170.361	175.746	158.751	151.822	162.623	172.151	157.135	149.805	163.372	161.540			
180	Т	4.1722	2.6839	2.1421	2.7860	2.3586	2.2217	2.6769	2.2402	2.8449	19.9543			
100	S	170.937	176.558	158.988	149.408	161.016	171.245	157.153	150.200	164.888	161.289			
181	T	4.1602	2.6691		2.8137		2.2190	2.7250	2.2643	2.8902	20.0889			
101	S	171.430	177.537	157.897	147.937	161.557	171.453	154.379	148.601	162.304	160.208			
182	T	4.1909	2.6908		2.7809	2.3354	2.2128	2.7205			20.0794			
102	S	170.174	176.105	156.691	149.682	162.616		-	147.844	162.338	160.284			
183	LT	4.1553	2.6728	2.1429	2.7725	2.3345	2.2250	2.7043	2.2526	2.8621	19.9667			
103	S	171.632	177.291	158.929	150.135	162.678	170.991	155.560	149.373	163.897	161.188			
184	口	4.1827	2.6825	2.1560	2.7264		2.2109	2.7113	2.2946	2.8735	19.9645			
104	S	170.508	176.650	157.963	152.674	164.454	172.081	155.159	146.639	163.247	161.206			
185	I	4.1422	2.6648		2.7623						21.2621			
	S	172.175	177.823		150.690		172.753				151.368			
186	I	6.8167	4.4666	·	4.2870	3.5940	3.2799	•	3.7141	•	31.4167			
	S	104.623	106.090	100.146	97.096	105.669	115.996		90.595	94.729	102.442			
187	Т	7.8019	5.0763		4.3692	3.3392	2.9788		2.9684		30.4733			
	S	91.411	93.348		95.269	113.732	127.721	120.681	113.353	108.568	105.614			
188	Т	7.2150	4.9593		4.5075	4.1050	3.7745		4.0683	6.9099	36.0983			
100	S	98.847	95.551	104.127	92.346	92.515	100.796		82.707	67.887	89.157			
189	I	10.9603	7.6428		5.4031	4.6140	5.1685		4.9840		45.2271			
105	S	65.070	62.001	74.518	77.039	82.309			67.511	68.551	71.161			
190	Т	10.4269	6.8890		5.8072	4.5350				4.9127	40.8035			
	S	68.398	68.786	66.747	71.678	83.743	83.448	83.437	85.053	95.485	78.876			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	8.0036	5.3012	3.8624	5.9992	5.0540	4.8742	7.0205	5.3890	5.6994	43.1999			
191	S	89.108	89.388	88.175	69.384	75.143	78.055	59.922	62.438	82.305	74.500			
102	Т	9.5717	6.5609	4.1884	5.6810	5.1594	4.1674	3.9834	3.3732	4.1771	37.2908			
192	S	74.509	72.225	81.312	73.271	73.608	91.293	105.609	99.750	112.301	86.305			
193	Т	5.7962	3.7503	2.9399	3.8772	3.4087	3.0593	3.9221	3.3760	4.4854	28.8189			
193	S	123.043	126.354	115.843	107.358	111.413	124.360	107.259	99.667	104.582	111.677			
194	Т	6.2321	4.2320	2.8557	3.6450	3.1547	2.8224	3.4251	3.1367	3.8392	27.1108			
154	S	114.437	111.972	119.259	114.198	120.383	134.798	122.823	107.271	122.185	118.713			
195	Т	7.7266	4.9790	4.0578	5.5866	5.2345	4.2765	5.5152	4.5379	5.0317	39.2192			
195	S	92.302	95.172	83.929	74.509	72.552	88.964	76.277	74.148	93.227	82.062			
196	T	8.7748	5.7078	4.4664	5.2950	4.5021	5.3879	4.6912			44.5496	31.3857		36.4749
190	S	81.276	83.020	76.251	78.612	84.355	70.613	89.675			72.243	31.728		77.884
197	T						3.1452	3.5347	2.8448	3.5758	46.7975		23.4865	
197	S						120.964	119.015	118.278	131.185	68.773		109.635	
198	T	6.9014	4.4019	3.5888	5.2768	4.9270	5.2746	5.1023	3.7770	5.7151	38.0635			
190	S	103.339	107.650	94.898	78.883	77.080	72.130	82.449	89.086	82.079	84.553			
199	T	9.4107	6.8403	3.5136	4.0020	3.6186	3.0733	4.5016	2.7232	2.9947	31.2673			
199	S	75.784	69.275	96.929	104.010	104.950	123.793	93.452	123.560	156.640	102.932			
200	T	4.4843	2.7828	2.4461	3.1067	2.6170	2.4874	3.2902	2.4332	2.9322	22.0956			
200	S	159.040	170.283	139.229	133.985	-	152.953	127.859	138.286	159.979	145.658			
201	I	4.1845	2.6964	2.1535	2.7604		2.1400	2.6185		2.7992	19.6948			
201	S	170.434	175.739	158.146	150.793		177.782	160.658	151.560	167.580	163.414			
202	I	4.0232	2.6048		2.6791		2.1172	2.5322	2.1783	2.7788	19.2157			
	S	177.267	181.919		155.369		179.697	166.133	154.468	168.811	167.488		ļ	lacksquare
203	L	4.0138	2.6109		2.6455		2.1203	2.4932	2.1385	2.7389	19.0343			
	S	177.682	181.494	167.908	157.343	-		168.732	157.343	171.270	169.084			
204	LT.	4.0341	2.6003	2.0729	2.6624			2.4976		2.7560	19.1323			
<u></u>	S	176.788	182.234	164.296	156.344		178.785	168.434	155.733	170.207	168.218			
205	I	4.0025	2.5907	2.0388	2.6619		2.1299	2.4963	2.1147	2.7206	19.0136			
	S	178.184	182.909	167.043	156.373		178.626	168.522	159.113	172.422	169.268			
206	I	4.0210	2.5803	2.1032	2.7815	-		2.5899		2.8060	19.5829			
	S	177.364	183.647	161.929	149.649		176.578	162.432	150.180	167.174	164.347			
207	I	4.1337	2.6504	2.1476	2.7418		2.1944	2.7343	2.2072	2.8122	19.8010			
	S	172.529	178.789	158.581	151.816		173.375	153.854	152.445	166.806	162.537			
208	ፗ	4.0609	2.6387	2.0401	2.6129		2.1076	2.4794		2.7918	19.0761			
	S	175.622	179.582	166.937	159.306		180.516	169.671	155.899	168.025	168.714			
209	I	3.9983	2.6065		2.6259		2.1102	2.4752		2.7783	19.0323			
	S	178.371	181.801	169.648	158.517	168.623	180.293	169.959	154.596	168.841	169.102			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	4.0097	2.6043	2.0236	2.6231	2.2475	2.1186	2.5279	2.1949	2.8211	19.1610			
210	S	177.864	181.954	168.298	158.686	168.976	179.578	166.416	153.300	166.279	167.966			
211	Т	4.0286	2.6161	2.0445	2.7021	2.2756	2.1341	2.6595	2.2446	2.7975	19.4740			
211	S	177.030	181.134	166.578	154.047	166.889	178.274	158.181	149.905	167.682	165.267			
212	Т	4.0182	2.6025	2.0564	2.7154	2.2776	2.1511	2.5945	2.1858	2.8097	19.3930			
212	S	177.488	182.080	165.614	153.292	166.743	176.865	162.144	153.938	166.954	165.957	1		
213	Т	4.0075	2.6071	2.0514	2.7455	2.2663	2.1263	2.5824	2.2481	2.8277	19.4548			
213	S	177.962	181.759	166.017	151.612	167.574	178.928	162.903	149.672	165.891	165.430			
214	Т	4.0757	2.6260	2.1084	2.7526	2.3659	2.2078	2.6855	2.3074	2.8713	19.9249			
214	S	174.984	180.451	161.529	151.221	160.519	172.323	156.649	145.825	163.372	161.527	1		
215	Т	4.1239	2.6629	2.0943	2.6922	2.3135	2.1652	2.5742	2.2715	2.8656	19.6394			
213	S	172.939	177.950	162.617	154.613	164.155	175.713	163.422	148.130	163.697	163.875			
216	Т	4.1192	2.6584		2.6122						19.5476			
210	S	173.136	178.251	162.772	159.348	169.119	178.366	160.854	145.889	162.630	164.644			
217	T	4.1232	2.6608		2.6892	2.2994	2.1850	2.6733	2.2360	2.8569	19.7048			
217	S	172.968	178.091	161.852	154.786	165.162	174.121	157.364	150.482	164.196	163.331			
218	T	4.1232	2.6562		2.7035		2.1980				19.7139			
210	S	172.968	178.399		153.967	164.539	173.091	160.713	148.627	164.403	163.255			
219	T	4.1278			2.6772		2.1800		2.1995		19.5609			
	S	172.775	177.670		155.480		174.520		152.979	1	164.532			
220	T	4.1205	2.6504		-		2.1981	-	-	2.9004	19.7951			
	S	173.081	178.789		155.115		173.083				162.586			
221	工	4.1489	2.6772		2.7178		2.2061	2.6910			19.8187		4	
	S	171.897	177.000		153.157	•	172.456			164.668	162.392			
222	工	4.1386	2.6627		2.6843	1	2.1775		2.3038		19.8070			
	S	172.324	177.964		155.068		174.721	159.706		160.132	162.488			
223	T	4.2421	2.7430				2.2124				19.9381			
-	S	168.120	172.754		151.182				151.226		161.420		+	+
224	T	4.1431	2.6692	+	2.7199	•		·	2.2237	2.8288	19.7194		+	_
-	S	172.137	177.530		153.039		173.170		151.314		163.210		+	
225	T	4.1003	2.6450		2.7323		2.1839				19.9643		+	-
-	S	173.934	179.154		152.344				143.188		161.208		+	+
226	T	4.1965	2.7101		2.7285					1	20.0310		+	+
-	S	169.947	174.851	158.995	152.556					160.989	160.671		+	
227	T	4.1749	2.6960		2.7134						20.3351		+	+
-	S	170.826	175.765		153.405		173.668		136.702	156.510	158.268		+	_
228	S	4.2206	2.7247							2.8670	19.8733		+	_
L	5	168.976	173.914	158.855	154.001	164.049	173.068	156.947	150.139	163.617	161.946	1		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
220	Т	4.1597	2.6751	2.1427	2.7577	2.3493	2.2099	2.6632	2.2490	2.8831	19.9300			
229	S	171.450	177.139	158.943	150.941	161.654	172.159	157.961	149.612	162.704	161.485			
220	Т	4.1633	2.6878	2.1198	2.7277	2.3586	2.2143	2.6604	2.2194	2.8576	19.8456			
230	S	171.302	176.302	160.661	152.601	161.016	171.817	158.127	151.607	164.156	162.172			
231	Т	4.1536	2.6748	2.1232	2.7503	2.3485	2.2192	2.6599	2.2352	2.8598	19.8709			
231	S	171.702	177.159	160.403	151.347	161.709	171.438	158.157	150.536	164.029	161.965			
232	Т	4.1307	2.6620	2.1208	2.7730	2.3614	2.2186	2.6820	2.2489	2.8718	19.9385			
232	S	172.654	178.010	160.585	150.108	160.825	171.484	156.854	149.619	163.344	161.416			
233	Т	4.2062	2.7036	2.1607	2.7653	2.3646	2.2192	2.6682	2.2394	2.8770	19.9980			
233	S	169.555	175.271	157.619	150.526	160.608	171.438	157.665	150.253	163.049	160.936			
234	Т	4.1487	2.6740	2.1241	2.7603	2.3506	2.2137	2.6603	2.2437	2.8787	19.9054			
234	S	171.905	177.212	160.335	150.799	161.564	171.864	158.133	149.965	162.952	161.685			
235	Т	4.1516	2.6774	2.1164	2.7391	2.3589	2.2171	2.6709	2.2842	2.9108	19.9748			
235	S	171.785	176.986	160.919	151.966	160.996	171.600	157.506	147.306	161.155	161.123			
236	Т	4.1758	2.6892	2.1452	2.7414	2.3374	2.1975	2.6664	2.2819	2.8919	19.9509			
230	S	170.789	176.210	158.758	151.838	162.477	173.131	157.771	147.455	162.209	161.316			
237	Т	4.1846	2.6919	2.1483	2.7656	2.3442	2.2200	2.6856	2.2364	2.8651	19.9571			
237	S	170.430	176.033	158.529	150.510	162.005	171.376	156.644	150.455	163.726	161.266			
238	T	4.2132	2.6999	2.1808	2.7714	2.3554	2.2138	2.6718	2.2843	2.9197	20.0971			
236	S	169.273	175.512	156.167	150.195	161.235	171.856	157.453	147.300	160.664	160.143			
239	Т	4.2302	2.7177	2.1670	2.7290	2.3307	2.2135	2.6762	2.2501	2.8799	19.9641			
239	S	168.593	174.362	157.161	152.528	162.944	171.879	157.194	149.539	162.884	161.209			
240	T	4.1705	2.6843	2.1380	2.7398	2.3383	2.2105	2.6585	2.2708	2.8839	19.9241			
240	S	171.006	176.532	159.293	151.927	162.414	172.112	158.240	148.176	162.659	161.533			
241	T	4.2009	2.7039	2.1477	2.7568	2.3466	2.1970	2.6535	2.2707	2.8800	19.9562			
241	S	169.769	175.252	158.573	150.990	161.840	173.170	158.538	148.182	162.879	161.273			
242	T	4.2098	2.7047	2.1719	2.7665	2.3342	2.2186		2.3221	2.9328	20.1436			
272	S	169.410	175.200	156.807	150.461	162.699	171.484	156.225	144.902	159.946	159.773			
243	T	4.1953	2.7086	2.1350	2.7295	2.3290	2.2396		2.3343	2.9195	20.1036			
243	S	169.995	174.948	159.517	152.500	163.063	169.876		144.145	160.675	160.091			
244	Т	4.2876	2.7555	2.1879	2.8221	2.4265	2.2976	-	2.3656	2.9684	20.5821			
277	S	166.336	171.970	155.660	147.497	156.510	165.588	152.504	142.238	158.028	156.369			
245	T	4.2890	2.7548	2.2059	2.8004	2.3709	2.2795		2.2979	2.9093	20.3944			
243	S	166.282	172.014	154.390	148.639	160.181	166.903	151.559		161.238	157.808			
246	T	4.2607	2.7335	2.2188	2.9488	2.4745	2.9131	4.3365			32.3302	32.4831		23.9501
	S	167.386	173.354	153.492	141.159	153.475	130.601	97.010			99.548	30.656		118.613
247	Т						2.4590			2.8480	42.9758		18.8728	
24/	S						154.719	152.775	148.746	164.709	74.889		136.437	

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	4.1595	2.6905	2.1128	2.6700	2.2622	2.1486	2.5370	2.1669	2.7835	19.3715			
248	S	171.459	176.125	161.193	155.899	167.878	177.071	165.819	155.280	168.526	166.141			
240	Т	4.0674	2.6356	2.0523	2.6542	2.2586	2.1758	2.6267	2.1456	2.7806	19.3294			
249	S	175.341	179.793	165.945	156.827	168.145	174.857	160.156	156.822	168.701	166.503			
250	Т	4.0089	2.6129	2.0306	2.6671	2.2615	2.1427	2.5837	2.1521	2.7814	19.2320			
250	S	177.900	181.355	167.718	156.068	167.930	177.558	162.821	156.348	168.653	167.346			
251	Т	4.1400	2.6539	2.1373	2.7053	2.3627	2.4289	2.6580	2.1991	2.8093	19.9545			
251	S	172.266	178.554	159.345	153.865	160.737	156.637	158.270	153.007	166.978	161.287			
252	Т	4.0423	2.6368	2.0235	2.6595	2.2867	2.1655	2.5455	2.1484	2.7841	19.2500			
252	S	176.430	179.712	168.306	156.514	166.079	175.689	165.265	156.618	168.489	167.190			
253	Т	4.0694	2.6292	2.0786	2.6593	2.2617	2.1494	2.5423	2.1387	2.7817	19.2409			
255	S	175.255	180.231	163.845	156.526	167.915	177.005	165.473	157.328	168.635	167.269			
254	T	4.1025	2.6490	2.0923	2.7046	2.3114	2.1749	2.5490	2.1629	2.7938	19.4379			
254	S	173.841	178.884	162.772	153.904	164.304	174.930	165.038	155.568	167.904	165.573			
255	Т	4.1265	2.6304	2.1708	2.8043	2.3502	2.1878	2.5558	2.2021	2.8355	19.7369			
255	S	172.830	180.149	156.886	148.433	161.592	173.898	164.599	152.798	165.435	163.065			
256	Т	4.1282	2.6565	2.1157	2.6722	2.2761	2.1596	2.5948	2.2204	2.8590	19.5543			
230	S	172.759	178.379	160.972	155.771	166.852	176.169	162.125	151.539	164.075	164.588			
257	Т	4.1536	2.6897	2.1045	2.6961	2.2932	2.1632	2.5761	2.1885	2.8189	19.5302			
237	S	171.702	176.177	161.829	154.390	165.608	175.876	163.302	153.748	166.409	164.791			
258	Т	4.1510	2.6744	2.1185	2.7255	2.3194	2.1863	2.6364	2.2101	2.8360	19.7066			
230	S	171.810				163.737	174.018		152.245	165.406	163.316			
259	T	4.1429	2.6707	2.1291	2.7395	2.2980	2.1640	2.7161	2.4450	2.9395	20.1019			
	S	172.146	177.431	159.959	•	165.262	175.811	154.885	137.619	159.582	160.104			
260	I	4.1635	2.6951	2.1253	2.6806	2.2831	2.1927	2.7201	2.2648	2.8294	19.7911			
200	S	171.294		160.245		166.341	173.510	-	148.568	165.792	162.619			
261	Т	4.0730				2.3395		2.5879		2.8731	19.6737			
201	S	175.100				162.331	173.541	162.557	154.902	163.270	163.589			
262	T	4.1942	2.6976	+	+	2.2860		2.5883		2.8271	19.5434			
	S	170.040		158.463	•	166.130			156.080	165.927	164.680		1	
263	T	4.9647	3.1533	2.6613		3.7016	3.1390	3.4296		3.5532	26.3707			
	S	143.651	150.275		104.894	102.597	121.202	122.662	121.718	132.019	122.045			
264	T	7.1053	4.4806	3.7816		6.5962	4.5001	4.6611	4.0182	5.2763	38.4243			
-0-	S	100.373	105.759	90.059	81.455	57.574	84.544	90.254	83.738	88.905	83.759		ļ	
265	T	7.9504	5.2652	3.9170		7.2465	4.5440	5.8214	5.0687	6.3908	44.5062			
203	S	89.704	89.999			52.408	83.727	72.265	66.383	73.401	72.314			
266	Т	10.8594	7.5776	4.6412	6.7057	6.8725	5.8272	5.3334	5.0394	6.5161	48.5131			
200	S	65.674	62.535	73.379	62.074	55.260	65.289	78.877	66.769	71.990	66.341			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 59 - Daly, Conor

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	10.2488	6.7114	5.0795	6.2891	6.6785	5.2577	6.2475	5.3401	6.9757	48.5795			
267	S	69.587	70.606	67.048	66.186	56.865	72.361	67.336	63.010	67.246	66.250			
268	Т	9.7226	6.4599	4.6846	5.9732	6.7032	6.2132	6.8152			52.0470	33.3710		43.9360
208	S	73.353	73.355	72.700	69.686	56.655	61.233	61.727			61.836	29.840		64.658
269	Т						3.6251	4.7098	4.1830	7.1154	54.9813		29.7213	
209	S						104.950	89.321	80.439	65.926	58.536		86.636	
270	Т	11.0074	8.1118	4.3894	5.8257	6.2648	5.2341	5.1612	4.9445	7.9148	47.8463			
270	S	64.791	58.417	77.589	71.451	60.620	72.688	81.509	68.051	59.268	67.265			
271	Т	9.7156	6.5260	4.5505	6.1055	5.7418	5.7357	5.4082	4.5320	7.3506	45.9503			
2/1	S	73.406	72.612	74.842	68.176	66.142	66.331	77.786	74.245	63.817	70.041			
272	Т	10.2390	7.4053	4.1009	5.0240	5.7798	5.8455	4.0639	4.2467	6.6866	43.1527			
	S	69.653	63.990	83.047	82.852	65.707	65.085	103.517	79.233	70.154	74.582			
273	Т	8.4567	5.8173	3.5696	4.6482	4.8011	4.1513	5.0335	3.1018	3.1078	34.2306			
2/3	S	84.333	81.458	95.408	89.551	79.101	91.647	83.576	108.478	150.940	94.021			
274	Т	4.5611	2.8669	2.4258	2.9304	2.3864	2.2410	2.7378	2.2610	2.8312	20.6805			
2/4	S	156.362	165.288	140.394	142.045	159.140	169.770	153.657	148.818	165.686	155.625			
275	T	4.2699	2.6710	2.3549	3.0120	2.4060	2.2036	2.8692	2.2404	2.7583	20.5154			
2/5	S	167.025	177.411	144.621	138.197	157.844	172.651	146.620	150.186	170.065	156.877			
276	T	4.0154	2.5617	2.1131	2.7056	2.2660	2.1346	2.5443	2.0978	2.7186	19.1417			
276	S	177.612	184.980	161.170	153.848	167.596	178.232	165.343	160.395	172.549	168.136			
277	T	4.0703	2.6187	2.0830	2.6512	2.2569	2.1568	2.5405	2.0627	2.7265	19.0963			
2//	S	175.216	180.954	163.499	157.004		176.398	165.590	163.125		168.535			
278	LT	3.9792	2.5846	2.0312	2.6650	2.2637	2.1240	2.5155		2.8370	19.2489			
276	S	179.227	183.341	167.668	156.191	167.766	179.122	167.236	151.029	165.348	167.199			
279	T	4.0936	2.6615	2.0629	2.6940		2.1309	2.5157	2.0862	2.7294	19.1604			
2/3	S	174.219	178.044	165.092	154.510	166.582	178.542	167.223	161.287	171.866	167.971			
280	T	4.1558	2.6637	2.1531	2.7402	2.2875	2.1482	2.5127	2.1443	2.7648	19.4145			
200	S	171.611	177.897	158.176	151.905	166.021	177.104	167.422	156.917	169.665	165.773			
281	T	4.0357	2.6132	2.0594	2.7142	2.2732	2.1229	2.5005	2.1161	2.7431	19.1426			
201	S	176.718	181.335	165.373	153.360		179.215	168.239	159.008	171.008	168.128			
282	T	4.0428	2.6171	2.0510	2.6536		2.1161	2.5069		2.7744	19.1406			
202	S	176.408	181.064	166.050	156.862	167.759	179.790	167.810	155.943		168.145			
283	T	4.0365	2.6170	2.0464	2.6629			2.5263	2.2120		19.2029			
203	S	176.683	181.071	166.423	156.315	+	181.497	166.521	152.114		167.600			
284	T	3.9628	2.5932	1.9916	2.7084	2.2930	2.1371	2.6729	2.4240	2.9113	19.7315			
204	S	179.969	182.733	171.002	153.689		178.024	157.388	138.811	161.128	163.110			
285	Т	4.1845	2.6951	2.1495	2.7585	2.3213	2.1644	2.5682	2.2298	2.8507	19.7375			
205	S	170.434	175.824	158.441	150.897	163.603	175.778	163.804	150.900	164.553	163.060			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Section Data for Car 59 - Daly, Conor

Report:

Lap	T/SSI	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	4.1644	2.6875	2.1199	2.7094	2.3030	2.1709	2.6130	2.1862	2.8287	19.6186			
200	S	171.257	176.321	160.653	153.632	164.903	175.252	160.996	153.910	165.833	164.048			
287	Т	4.1087	2.6430	2.1164	2.6726	2.2883	2.1667	2.6227	2.1890	2.8066	19.5053			
267	S	173.578	179.290	160.919	155.747	165.963	175.592	160.400	153.713	167.138	165.001			
288	Т	4.1179	2.6523	2.1043	2.6967	2.3090	2.1711	2.5802	2.1291	2.7739	19.4166			
200	S	173.191	178.661	161.844	154.355	164.475	175.236	163.042	158.037	169.109	165.755			
289	Т	4.0746	2.6277	2.0847	2.6833	2.2867	2.1528	2.5931	2.1608	2.7995	19.3886			
209	S	175.031	180.334	163.366	155.126	166.079	176.725	162.231	155.719	167.562	165.994			
290	Т	4.0677	2.6328	2.0813	2.7202	2.3257	2.1834	2.6273	2.1968	2.8370	19.6045			
290	S	175.328	179.985	163.632	153.022	163.294	174.249	160.119	153.167	165.348	164.166			
291	Т	4.1386	2.6636	2.1198	2.6967	2.3118	2.1827	2.6159	2.1951	2.8130	19.5986			
291	S	172.324	177.903	160.661	154.355	164.276	174.305	160.817	153.286	166.758	164.216			
292	Т	4.1183	2.6468	2.1234	2.6932	2.3002	2.1600	2.6109	2.2011	2.8326	19.5682			
292	S	173.174	179.033	160.388	154.556	165.104	176.136	161.125	152.868	165.604	164.471			
293	Т	4.1495	2.6720	2.1284	2.7060	2.3016	2.1743	2.6148	2.1712	2.8055	19.5738			
233	S	171.872	177.344	160.011	153.825	165.004	174.978	160.885	154.973	167.204	164.424			
294	Т	4.1119	2.6514	2.1046	2.6814	2.3040	2.1711	2.6191	2.1829	2.8125	19.5270			
294	S	173.443	178.722	161.821	155.236	164.832	175.236	160.621	154.142	166.788	164.818			
295	Т	4.1111	2.6472	2.1075		2.2841	2.1504	2.5806	2.1486	2.7817	19.3874			
	S	173.477	179.006	161.598		166.268	176.923		156.603	168.635	166.005			
296	Т	4.1331	2.6480						2.2341	2.8302	19.7247			
	S	172.554	178.952	158.884	151.353	164.226	175.123		150.610	165.745	163.166			
297	Т	4.0563	2.6449			2.3422	2.1573		2.2773	2.8587	19.8182			
	S	175.821	179.161	165.276		162.144	176.357	157.317	147.753	164.092	162.396			
298	Т	4.1281	2.6647	2.1434					2.2365		19.7860			
	S	172.763	177.830	158.892	147.612		175.730			165.885	162.660			
299	Т	4.0700	2.6422	2.0725	2.7310				2.3432	2.8973	19.8244			
	S	175.229	179.344	164.327	152.417	163.745	175.957	158.348	143.597	161.906	162.345			
300	Т	4.9041	3.0303											37.7451
	S	145.426	156.375	123.287	109.243	83.395	69.547	52.145						75.263

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 7 - Ericsson, Marcus (R)

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
1	Т	10.8773	8.1140	3.8181	5.0908	6.0937	4.5495	5.2304	4.3764	4.9010	42.1739		33.7992	
*	S	65.566	58.401	89.198	81.765	62.322	83.626	80.430	76.884	95.713	76.313		76.184	
	Т	5.6400	3.6584	2.8768	4.2090	4.3413	4.0072	3.9571	2.9857	3.1765	29.2120			
2	S	126.451	129.528	118.384	98.895	87.479	94.943	106.311	112.696	147.675	110.174			
3	Т	4.6626	2.9364	2.4619	2.9100	2.3512	2.2322	2.7522	2.1926	2.7413	20.5778			
3	S	152.958	161.376	138.336	143.041	161.523	170.439	152.853	153.460	171.120	156.402			
4	Т	4.1285	2.6226	2.1781	2.6273	2.2335	2.1308	2.6092	2.1102	2.6918	19.2035			
4	S	172.746	180.685	156.360	158.433	170.035	178.550	161.230	159.453	174.267	167.594			
5	Т	4.2334	2.7108	2.1777	2.6273	2.2561	2.1436	2.5759	2.1223	2.7239	19.3376			
	S	168.465	174.806	156.389	158.433	168.332	177.484	163.314	158.544	172.213	166.432			
6	Т	4.1799	2.6690	2.1771	2.6180	2.2258	2.1117	2.5228	2.0955	2.7078	19.1277			
	S	170.622	177.544	156.432	158.995		180.165	166.752		173.237	168.259			
7	T	4.0817	2.6192	2.0985	2.5488	2.2037	2.0986	2.5254	2.1753	2.7593	19.0288			
	S	174.727	180.919	162.291	163.312	172.334	181.290	166.580	154.681	170.004	169.133			
8	Т	4.0086	2.6023	2.0372	2.5970	2.2280	2.1232	2.5877	2.1053	2.7012	18.9819			
	S	177.913	182.094	167.175	160.281	170.455	179.189	162.570	159.824	173.660	169.551			
9	T	3.9871	2.5681	2.0580	2.6594	2.2665	2.1435	2.5979	2.1579	2.7476	19.1989			
	S	178.872	184.519	165.485	156.520	167.559	177.492	161.931	155.928	170.728	167.635			
10	Т	4.0963	2.6335	2.1296	2.6653	2.2239	2.1057	2.5533	2.1421	2.7157	19.1691			
	S	174.104	179.937	159.921	156.174		180.678			172.733	167.895			
11	Т	4.0065	2.5814	2.0739	2.6707	2.2434	2.1164	2.5536	2.1750	2.7635	19.1779			
	S	178.006		164.216	155.858	169.284	179.765			169.745	167.818			
12	T	4.0673	2.6242		2.7006		2.1498	2.5594		2.7902	19.3578			
12	S	175.345	•	162.462	154.132		176.972	164.367	155.367	168.121	166.259		ļ	
13	工	4.0979					2.1343	2.6047	2.2184		19.4181		ļ	
	S	174.036	179.365	161.269	156.697		178.257			167.886	165.742		<u> </u>	
14	T	4.0986					2.1381	2.5947		2.7927	19.4772			
	S	174.006			153.916					167.970	165.239			
15	T	4.2509			2.6932		2.1470			2.7553	19.5700			
	S	167.772	175.084	153.568	154.556					170.250	164.456			
16	Т	4.0983			2.6553		2.9991	4.1189		4.3618	25.0575			ļ
	S	174.019		159.092	156.762		126.856			107.545	128.441			
17	Т	5.9522	3.8002	3.1130	4.0598	3.3224	2.8848			4.2651	28.2032			
	S	119.818	124.694	109.402	102.530	114.307	131.882	113.471	110.302	109.984	114.115			
18	Т	7.9904		3.9421	5.4946		4.4674			6.3444	40.2346			
	S	89.255	89.508	86.393	75.756					73.938	79.991		ļ	
19	Т	9.7748	6.6492	4.4369	5.6094		4.2143			5.5653	39.8289			
	S	72.961	71.266	76.758	74.206	86.089	90.277	88.870	79.948	84.289	80.806			

TAG

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	10.3084	6.9649	4.7617	6.4732	4.5887	4.6684	4.5246	3.5458	5.2821	40.8094	ļ.		1
20	S	69.185	68.036	71.522	64.304	82.763	81.496	92.977	94.895	88.808	78.864			
24	Т	9.2159	6.3296	4.0044	5.2820	4.7887	3.6615	5.4662	4.4902	5.1411	39.1637	'		
21	S	77.386	74.865	85.048	78.805	79.306	103.907	76.961	74.936	91.243	82.178	3		
22	Т	9.6878	6.3825	4.7929	5.6811	4.1618	4.3481	5.0666	4.0990	5.1549	39.6869)		
22	S	73.616	74.244	71.057	73.269	91.252	87.499	83.030	82.088	90.999	81.095			
23	Т	8.6579	6.0591	4.0348	5.6205	4.5650	4.5711	4.9189	4.6256	5.8930	40.2880)		
23	S	82.374	78.207	84.408	74.059	83.192	83.230	85.524	72.742	79.601	79.885	5		
24	Т	7.1139	4.8511	3.3744	5.0432	3.1626	2.9679	3.2407	2.3326	2.8361	27.8086	5		
24	S	100.252	97.682	100.927	82.537	120.082	128.190	129.812	144.250	165.400	115.734			
25	T	4.2610	2.7246	2.2312		2.2898	2.1642	2.7091	2.3146	2.8429	20.0391			
23	S	167.374			150.668	165.854	175.795	155.285	145.372		160.606	5		
26	T	4.2485	2.7077	2.2264	2.6992	2.2789	2.1524	2.6207	2.1492	2.7431	19.5776	5		
20	S	167.867	175.006			166.647	176.758	160.523	156.559	171.008	164.392	2		
27	T	4.1291	2.6384	2.1680	2.6937	2.2602	2.1265	2.6214	2.2016	2.7683	19.4781			
	S	172.721	179.603	157.089	154.527	168.026	178.911	160.480	152.833	169.451	165.232	2		
28	T	4.1429		2.1723	2.6526	2.2420	2.1285	2.6442	2.1901	2.7639	19.4367	'		
20	S	172.146	179.283	156.778	156.922	169.390	178.743	159.096	153.636	169.721	165.584	}		
29	工	4.1714	2.6602	2.1862	2.6594	2.2596	2.1419	2.6137			19.3763	3		
	S	170.969	178.131	155.781	156.520	168.071	177.625	160.953	159.778	170.616	166.100			
30	工	4.1248				2.2233	2.2173	-			19.4211			
	S	172.901	179.263	-		170.815			-		165.717			
31	I	4.2096				2.2166					19.3991			
	S	169.418	176.446			171.331	178.928				165.905			
32	ፗ	4.2473	2.7053			2.2080					19.3807			
	S	167.914	-	153.839		171.999	176.808	-	-	-	166.062			
33	T	4.1288				2.2248					19.2962		4	4
	S	172.733	178.918		161.394	170.700					166.789			
34	Ҵ	4.1791	2.6763			2.2556	•	+			19.4615			
	S	170.654				168.369					165.373			
35	T	4.2660				2.2568				-	19.6282			
	S	167.178				168.279					163.968			
36	ፗ	4.2500			+	2.2568					19.7099			
	S	167.807	175.122	153.064		168.279	171.996		157.254		163.288			
37	ፗ	4.2196				2.2758			2.1985		19.7810			
	S	169.016	176.499	-		166.874	175.795	-	153.049	-	162.702			
38	I	4.1814		2.2055		2.2469					19.6415			
30	S	170.561	177.870	154.418	157.295	169.021	178.015	159.712	148.247	165.301	163.857	7		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	4.2028	2.6929	2.1897	2.6320	2.2313	2.1257	2.6512	2.3563	2.9008	19.7799			
39	S	169.692	175.968	155.532	158.150	170.202	178.978	158.676	142.799	161.711	162.711			
40	Т	4.2643	2.7351	2.1838	2.5898	2.2224	2.1704	2.7463	2.1812	2.7878	19.6168			
40	S	167.245	173.253	155.952	160.727	170.884	175.292	153.181	154.262	168.266	164.063			
41	T	4.2626	2.6931	2.2632	2.6466	2.2318	2.2399	2.7578	2.2129	2.8224	19.8677			
41	S	167.311	175.955	150.481	157.277	170.164	169.853	152.543	152.053	166.203	161.992			
42	T	4.2955	2.7293	2.2589	2.7195	2.2726	2.1731	2.7291	2.2384	2.8429	19.9638			
42	S	166.030	173.621	150.767	153.061	167.109	175.075	154.147	150.320	165.004	161.212			
43	T	4.2048	2.6802	2.2131	2.6800	2.2565	2.1792	2.7874	2.3347	2.8891	20.0202			
	S	169.611	176.802	153.887	155.317	168.302	174.585	150.923	144.120	162.366	160.758			
44	T	4.2985	2.7361	2.2576	2.7316		2.1776	2.7357	2.3156	2.9056	20.1326			
77	S	165.914	173.189	150.854	152.383	167.095	174.713	153.775	145.309	161.444	159.860			
45	LT	4.3114	2.7438	2.2729	2.7634	2.2910	2.1944	2.7457	2.2614	2.8433	20.1159			
43	S	165.418	172.703	149.839	150.630		173.375	153.215	148.792	164.981	159.993			
46	T	4.2524	2.6984	2.2739	2.7928	2.2932	2.2082	2.7689	2.2745	2.8610	20.1709			
10	S	167.713	175.609	149.773	149.044		172.292	151.931	147.935	163.960	159.557			
47	工	4.2461	2.7038	2.2492	2.7817	2.3022	2.1871	2.7430	2.3264	2.8685	20.1619			
	S	167.962	175.258	151.417	149.639		173.954	153.366	144.634	163.532	159.628			
48	口	4.3589	2.7575	2.3024	2.7954		2.2428	2.8671	2.3407	2.8635	20.5101			
	S	163.615	171.845	147.919	148.905	-	169.634	146.727	143.751	163.817	156.918			
49	口	4.2747	2.7128	2.2771	2.7795		2.2194	2.8412	2.3661	2.9083	20.4013			
	S	166.838	174.677	149.562	149.757		171.422	148.065	142.208	161.294	157.755			
50	ഥ	4.3257	2.7492	2.2894	2.7387		2.1813	2.7765	2.3339	2.8681	20.2297			
	S	164.871	172.364	148.759	151.988		174.416	151.515	144.170	163.555	159.093			
51	ഥ	4.2896	2.7243	2.2862	3.3105	3.1557	3.3545	4.0807	3.5837	4.0199	26.5155			\perp
	S	166.258	173.940	148.967	125.736		113.416	103.091	93.891	116.692	121.378			
52	T	6.1916	3.9098	3.2931	4.1163	3.5005	3.5747	4.8097	3.8936	5.0025	32.1002			
<u> </u>	S	115.185	121.199	103.419	101.122	108.491	106.430	87.465	86.418	93.771	100.261			
53	I	8.4065	5.6332	3.8768	5.0616		5.2695	5.8347	4.8568	6.1542	42.0162			
	S	84.837	84.120	87.848	82.237	71.260	72.199	72.100	69.280	76.223	76.599			
54	T	9.1700	5.9581	4.6337	5.5229	4.9754	5.0994	5.7316	4.6232	6.0426	42.5869			
	S	77.773	79.533	73.498	75.368	76.330	74.608	73.397	72.780	77.631	75.573			
55	T	10.4962	7.2627	4.6908	5.8721	5.3112	5.9423	8.0040				1648.1084		47.4883
<u> </u>	S	67.947	65.246	72.603	70.886	71.504	64.025	52.559			52.386	0.604		59.821
56	I						3.4132	4.3521	4.2869	6.2368	1663.4837		29.3236	
<u> </u>	S						111.466	96.662	78.490	75.213	1.935		87.811	
57	LT	8.7027	6.0209	3.8616	4.3345		4.7058	5.6341	3.7272	5.3329	38.1634			
	S	81.949	78.703	88.194	96.032	83.533	80.848	74.667	90.276	87.962	84.332			

Iowa Speedway 0.894 mile(s) Track:

NTT IndyCar Series

DT to DO

DO to SE

Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 7 - Ericsson, Marcus (R)

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	8.2390	5.7122	3.5519	4.6490	4.1063	4.3053	5.0550			52.3308	31.3641		33.7810
56	S	86.562	82.956	95.883	89.535	92.485	88.369	83.221			61.501	31.750		84.094
59	Т						4.0886	3.9399	3.0581	3.5716	37.8210		25.0067	
59	S						93.053	106.775	110.028	131.339	85.096		102.970	
60	Т	6.1196	3.8881	3.1693	3.6684	3.0389	3.3753	4.4658	4.0075	6.2634	31.8767			
	S	116.541	121.875	107.458	113.469	124.970	112.717		83.962	74.894	100.964			
61	Т	9.1333	6.8283	3.5604	5.3726	5.8133	5.2350	5.3584	4.1925	5.2201	41.5806			
01	S	78.086	69.397	95.654	77.476	65.328	72.675	78.509	80.257	89.862	77.401			
62	Т	8.4117	5.7423	3.6118	3.8647	4.1644	4.2686	4.9823	3.8481	5.6251	36.1073			
02	S	84.785	82.522	94.293	107.706	91.195	89.129	84.435	87.440	83.392	89.134			
63	Т	7.3924	5.0571	3.5807	5.6291	5.4994	5.7482	5.3336	4.6350	6.1611	41.6442			
03	S	96.475	93.703	95.112	73.946	69.057	66.187		72.595	76.138	77.283			
64	Т	8.3759	5.3982	4.3160	5.4655	4.7967	5.2499	5.3101	3.8699	4.7380	39.1443			
04	S	85.147	87.782	78.908	76.160	79.174	72.469	79.223	86.947	99.006	82.219			
65	Т	7.4796	4.9258	3.7678	4.5468	3.8808	4.5641	5.0773	3.1122	3.1574	33.0322			
05	S	95.350	96.200	90.389	91.548	97.859	83.358	82.855	108.116	148.569	97.432			
66	Т	4.4519	2.8400	2.3189	2.8133	2.2990	2.1847	2.6929	2.1641	2.7117	20.0246			
00	S	160.197	166.853	146.866	147.958	165.190	174.145	156.219	155.481	172.988	160.722			
67	Т	4.0987	2.6224	2.1344	2.6064	2.2165	2.1113	2.6013	2.0983	2.6831	19.0737			
	S	174.002	180.698	159.562	159.703	171.339	180.199	161.720	160.357	174.832	168.735			
68	Т	4.0625	2.5970	2.1149	2.5398	2.1927	2.0949	2.5585	2.0884	2.6697	18.8559			
08	S	175.552	182.466		163.891	173.199	181.610	164.425			170.684			
69	T	4.0391	2.5774		2.5943		2.1282	2.6190	2.0980	2.7194	19.0637			
09	S	176.569	183.853	161.239			178.768	160.627	160.380	172.498	168.823			
70	T	4.1001	2.6229		2.5242		2.1036	2.6117	2.1170	2.6994				
	S	173.943	180.664	160.441	164.904	173.992	180.859	161.076	158.941	173.776	169.530			
71	T	4.0097	2.5722	2.0744	2.5386	2.1911	2.1193	2.5747	2.1463	2.7693	18.9859			
/-	S	177.864	184.225	164.177	163.968	173.325	179.519		156.771	169.390	169.515			
72	工	4.0336	2.5941	2.0626	2.5478	2.2006	2.1215	2.5955	2.1705	2.7459	19.0385			
/-	S	176.810	182.670	165.116	163.376	172.577	179.333	162.081	155.023	170.833	169.047			
73	T	4.1016			2.5315		2.1916		2.1560		19.2171			
/5	S	173.879		159.562	164.428		173.597		156.066		167.476			
74	T	4.1193								2.7528				
	S	173.132	•		162.243		180.105		155.553	170.405	167.577			
75	I	4.0766			2.6194		-			-	19.2612			
	S	174.945	180.995	160.638	158.910		180.996		153.411	169.592	167.092			
76	Т	4.1356		2.1531	2.5538				2.1810					
	S	172.449	179.419	158.176	162.992	172.201	180.182	158.856	154.277	169.678	167.114			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S	F to TB			SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.0906	2.6244	2.1190	2.6014	2.2278	2.1126	2.6233	2.1827	2.7677	19.2589)	1	
77	S	174.347	180.561	160.721	160.010	170.470	180.088	160.364	154.156	169.488	167.112)		
	Т	4.1232	2.6402	2.1451	2.6035	2.2215	2.1181	2.6850	2.1936	2.7725	19.3795	5		
78	S	172.968	179.480	158.766	159.881	170.953	179.621	156.679	153.390	169.194	166.072)		
70	T	4.1422	2.6464	2.1796	2.6699	2.2421	2.1310	2.6577	2.2295	2.8227	19.5789)		
79	S	172.175	179.060	156.253	155.905	169.383	178.533	158.288	150.921	166.185	164.381			
	Т	4.1171	2.6409	2.1557	2.6565	2.2488	2.1200	2.6077	2.2398	2.8329	19.5023	3		
80	S	173.224	179.433	157.985	156.691	168.878	179.460	161.323	150.226	165.587	165.027	7		
0.1	Т	4.2029	2.6865	2.1800	2.6188	2.2345	2.1151	2.6175	2.1898	2.7856	19.4278	3		
81	S	169.688	176.387	156.224	158.947	169.959	179.875	160.719	153.657	168.399	165.660)		
	Т	4.0829	2.6290	2.1133	2.6397	2.2540	2.1436	2.6763	2.2528	2.8324	19.5411			T
82	S	174.675	180.245	161.155	157.688	168.488	177.484	157.188	149.360	165.616	164.699)		
0.3	Т	4.1226	2.6508	2.1347	-	-	2.1332	2.6418	2.2824	2.8449	19.6063	3		
83	S	172.993	178.763	159.539	156.238	168.466	178.349	159.241	147.423	164.888	164.151			
84	Т	4.1744	2.6696	2.1889	2.6821	2.2521	2.1470	2.7122	2.2813	2.8465	19.7797	7		
84	S	170.847	177.504	155.589	155.196	168.630	177.203	155.107	147.494	164.796	162.712	2		T
85	Т	4.1743	2.6703	2.1937	2.6611	2.2414	2.1591	2.7612	2.2893	2.8583	19.8344	H		
85	S	170.851	177.457	155.248	156.420	169.435	176.210	152.355	146.978	164.115	162.264	ŀ		
96	Т	4.3245	2.7442	2.2690	2.6511	2.2560	2.2049	2.7586	2.3177	2.9146	20.1161			
86	S	164.917	172.678	150.096	157.010	168.339	172.550	152.498	145.177	160.945	159.991			
87	Т	4.1904	2.7004	2.1748	2.7432	2.2945	2.1567	2.6760	2.2637	2.8230	19.8323	3		
87	S	170.194	175.479	156.597	151.739	165.514	176.406	157.205	148.640	166.168	162.281			
- 00	Т	4.1409	2.6552	2.1388	2.6125	2.2311	2.1179	2.6084	2.2449	2.8068	19.4156	5		
88	S	172.229	178.466	159.233	159.330	170.218	179.638	161.280	149.885	167.127	165.764	ŀ		
89	Т	4.1118	2.6382	2.1388	2.6317	2.2341	2.1105	2.6007	2.2748	2.8290	19.4578	3		
09	S	173.448	179.616	159.233	158.168	169.989	180.267	161.757	147.915	165.815	165.404	ŀ		
90	Т	4.1383	2.6629	2.1406	2.6545	2.2424	2.1191	2.6282	2.3154	2.8613	19.6244	H		
90	S	172.337	177.950	159.099	156.809	169.360	179.536	160.065	145.321	163.943	164.000			
91	Т	4.1505	2.6657	2.1411	2.6435	2.2444	2.1286	2.6498	2.2758	2.8283	19.5772	2		
71	S	171.830	177.763	159.062	157.462	169.209	178.735	158.760	147.850	165.856	164.395	5		
92	Т	4.0614	2.6287	2.0862	2.6765	2.2530	2.1329	2.6603	2.3079	2.8556	19.6011			
	S	175.600	180.265	163.248	155.520	168.563	178.374	158.133	145.794	164.271	164.195	5		
93	Т	4.1498	2.6638	2.1593	2.6541	2.2450	2.1278	2.6615	2.3233	2.8798	19.7146	5		
93	S	171.859	177.890	157.722	156.833	169.164	178.802	158.062	144.827	162.890	163.250)		
94	Т	4.1309	2.6626	2.1431	2.6360	2.2351	2.1169	2.6549	2.3230	2.8691	19.6407	7		
94	S	172.646	177.970	158.914	157.910		179.722	158.455	144.846	163.498	163.864	l l		
0.5	Т	4.1380	2.6571	2.1527	2.6474		2.1485	2.6975			19.6852	2		
95	S	172.349	178.339	158.205	157.230	168.720	177.079	155.952	147.584	164.524	163.493	3		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



July 20, 2019

Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1		SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
0.6	Т	4.0992	2.6472	2.1185	2.6442	2.2377	2.1319	2.6853	2.2916	2.8428	19.5992			
96	S	173.981	179.006	160.759	157.420	169.716	178.458	156.661	146.831	165.010	164.211			
97	Т	4.1203	2.6496	2.1470	2.6893	2.2549	2.1409	2.7220	2.3190	2.8622	19.7849			
97	S	173.090	178.843	158.625	154.780	168.421	177.708	154.549	145.096	163.892	162.670			
98	Т	4.1387	2.6622	2.1489	2.6742	2.2519	2.1373	2.7157	2.3610	2.9059	19.8571			
98	S	172.320	177.997	158.485	155.654	168.645	178.007	154.907	142.515	161.427	162.078			
99	Т	4.1971	2.6949	2.1839	2.6905	2.2734	2.1570	2.7459	2.3408	2.8789	19.9653			
99	S	169.923	175.837	155.945	154.711	167.051	176.381	153.204	143.745	162.941	161.200			
100	T	4.1891	2.6815	2.1990	2.7321	2.2937	2.1737	2.7481	2.3630	2.8803	20.0714			
100	S	170.247	176.716	154.874	152.355	165.572	175.026	153.081	142.394	162.862	160.348			
101	Т	4.2454	2.7055	2.2455	2.9170	2.3718	2.2555	2.8483	2.3390	2.8699	20.5525			
101	S	167.989	175.148	151.667	142.698	160.120	168.679	147.696	143.855	163.452	156.594			
102	T	4.1495	2.6684	2.1656	2.8531	2.3363	2.2167	2.8343	2.3536	2.8884	20.3164			
102	S	171.872	177.583	157.263	145.894	162.553	171.631	148.425	142.963	162.405	158.414			
103	Т	4.3777	2.7970	2.2840	2.7931	2.3209	2.2634	2.9127	2.3857	2.9625	20.7193			
103	S	162.912	169.419	149.110	149.028	163.632	168.090	144.430	141.039	158.343	155.333			
104	Т	4.1665	2.6868	2.1768	3.0188	2.4081	2.2683	2.8838	2.4341	2.9240	20.8007			
104	S	171.170	176.367	156.454	137.886	157.706	167.727	145.878	138.235	160.428	154.726			
105	Т	4.2012	2.6993	2.2080	2.8399	2.3102	2.2995	2.8924	2.2836	2.8402	20.3731			
103	S	169.757	175.551	154.243	146.572	164.390	165.451	145.444	147.345	165.161	157.973			
106	Т	4.3216	2.7404	2.2855	2.7289	2.2681	2.2365	2.8806	2.3328	2.8787	20.3515			
100	S	165.027	172.918	149.013	152.534	167.441	170.112	146.040	144.238	162.952	158.141			
107	T	4.2765	2.7167	2.2633	2.7902	2.3486	2.2108	2.8111	2.4519	2.9642	20.5568			
107	S	166.768	174.426	150.474		161.702	172.089			158.252	156.561			
108	Т	4.3208	2.7506	2.2843	2.7696	2.2870	2.2613	2.8863	2.2598	2.8501	20.3490			
100	S	165.058	172.276	149.091	150.292	166.057	168.246	145.751	148.897	164.588	158.160			
109	T	4.2763	2.7038			2.3018					20.4010			
109	S	166.775	175.258			164.989	171.422		+		157.757			
110	Т	4.2675	2.7048	2.2847	+	2.3242	2.2243	2.8425	2.3236	2.8515	20.3854		1	
110	S	167.119				163.399					157.878	1		
111	Т	4.3492	2.7616	-		2.3110					20.5574			
	S	163.980	171.590			164.333	167.993				156.557	1		
112	Т	4.2828	2.7468		+	2.3549					20.6749		1	
112	S	166.522	172.515	152.080	145.146	161.269	172.550	150.977	136.237	156.109	155.667	1		
113	Т	4.3657	2.7782			2.3416	2.2530	2.9032	2.3915	2.9865	20.8677			
113	S	163.360	170.565	147.076	143.629	162.185	168.866	144.903	140.697	157.070	154.229			
114	Т	4.3014	2.7479	2.2812		2.3283	2.2030	2.7857	2.3328	2.8848	20.4088			
114	S	165.802	172.446	149.293	146.304	163.112	172.698	151.015	144.238	162.608	157.697	7		

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR



Report:

Section Data for Car 7 - Ericsson, Marcus (R)

Lap	T/S!	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
115	Т	4.2023	2.6843	2.2155	2.8423	2.3405	2.2235	2.8487	2.3720	2.9091	20.4359			
113	S	169.712	176.532	153.721	146.448	162.261	171.106	147.675	141.854	161.249	157.488			
116	T	4.3197	2.7445	2.2766	2.7811	2.3505	2.2810	2.9125	2.3400	2.8598	20.5460			
110	S	165.100	172.659	149.595	149.671	161.571	166.793	144.440	143.794	164.029	156.644			
117	Т	4.3124	2.7333	2.2928	2.9148	2.3928	2.2474	2.9022	2.3687	2.9057	20.7577			
117	S	165.379	173.367	148.538	142.806	158.715	169.287	144.953	142.051	161.438	155.046			
110	Т	4.2914	2.7391	2.2684	3.0331	2.3848	2.2357	2.8745	2.5186	3.0405	21.0947			
118	S	166.189	173.000	150.136	137.236	159.247	170.172	146.350	133.597	154.281	152.569			
119	Т	4.3946	2.7976	2.2997	2.8582	2.3587	2.2281	2.8413	2.3928	2.9590	20.7354			
119	S	162.286	169.382	148.092	145.634	161.009	170.753	148.060	140.621	158.530	155.213			
120	Т	4.3162	2.7458	2.2912	2.9297	2.3730	2.2570	2.9020	2.4305	2.9411	20.8703			
120	S	165.234	172.578	148.642	142.079	160.039	168.566	144.963	138.440	159.495	154.210			
121	Т	4.2708	2.7175	2.2694	2.8738	2.3440	2.2186	2.7747	2.3864	2.9202	20.5046			
121	S	166.990	174.375	150.070	144.843	162.019	171.484	151.613	140.998	160.637	156.960			
122	T	4.4620	2.8236	2.3572	2.9061	2.4127	2.2922	2.8541	2.3398	2.9188	20.9045			
122	S	159.835	167.823	144.480	143.233	157.406	165.978	147.396	143.806	160.714	153.957			
123	Т	4.2268	2.6994	2.2557	3.1322	2.4253	2.2355	2.8812	2.4125	2.9159	20.9577			
123	S	168.729	175.544	150.981	132.894	156.588	170.188	146.009	139.472	160.873	153.566			
124	T	4.2716	2.7169			2.3091	2.1804	2.7812	2.3171	2.8432	20.2049			
124	S	166.959	174.413	150.474	148.996	164.468	174.488	151.259	145.215	164.987	159.288			
125	T	4.2211	2.6916			2.3387	2.2050		2.3708	2.9243	20.2752			
123	S	168.956	176.053	153.603	148.682	162.386	172.542	154.209	141.926	160.411	158.736			
126	T	4.2737	2.7237	2.2559	2.7654	2.3113	2.1877	2.7201	2.4436	2.9599	20.3676			
120	S	166.877	173.978			164.311	173.906	154.657	137.697	158.482	158.016			
127	工	4.2879	2.7355	2.2428	2.7424	2.2864	2.1676	2.7236	2.3722	2.9327	20.2032			
127	S	166.324	173.227	151.850	151.783	166.101	175.519	154.458	141.842	159.952	159.301			
128	LT	4.2790	2.7279							2.9281	20.2998			
	S	166.670	173.710						138.462	160.203	158.543			
129	L	4.2413	2.7104		·	•		·		2.8792	20.2522			
L	S	168.152	174.832	153.126		162.282	172.346		145.303	162.924	158.916			
130	L	4.2322	2.7015		2.7714				2.4434		20.3516			
	S	168.513	175.408	152.577	150.195				137.709	159.430	158.140			
131	I	4.2621	2.7184		2.7885				2.3756		20.3169		ļ	
	S	167.331	174.317	152.100						161.172	158.410		ļ	
132	L	4.2486	2.7057	2.2514					2.3986		20.4388			
	S	167.863	175.135						140.281	161.266	157.465			
133	L	4.2427	2.7033								20.5329			
	S	168.096	175.291	151.438	142.997	160.716	171.530	150.286	141.980	160.664	156.744			

Track: **Iowa Speedway** 0.894 mile(s)

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Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	4.2499	2.7105	2.2482	2.9389	2.3811	2.2247	2.7945	2.3158	2.8746	20.4883			
134	S	167.811	174.825	151.485	141.635	159.495	171.014	150.539	145.296	163.185	157.085			
125	Т	4.2413	2.6974	2.2562	2.9675	2.4081	2.2347	2.8158	2.4055	2.9308	20.7160			
135	S	168.152	175.674	150.948	140.270	157.706	170.249	149.400	139.878	160.056	155.358			
136	T	4.3391	2.7615	2.2768	2.8156	2.3433	2.2262	2.8460	2.4969	2.9625	20.7288			
130	S	164.362	171.596	149.582	147.837	162.067	170.899	147.815	134.758	158.343	155.262			
137	T	4.3432	2.7642	2.2696	2.9090	2.3771	2.2887	2.8679	2.3976	2.9367	20.8108			
13/	S	164.207	171.429	150.056	143.090	159.763	166.232	146.686	140.339	159.734	154.650			
138	T	4.3259	2.7622	2.2625	2.9197	2.3629	2.2453	2.8407	2.3781	2.9321	20.7035			
130	S	164.863	171.553	150.527	142.566	160.723	169.445	148.091	141.490	159.985	155.452			
139	T	4.3010	2.7374	2.2703	2.8653			2.8552	2.4509	2.9720	20.7287			
139	S	165.818	173.107	150.010	145.273	161.550	170.853	147.339	137.287	157.837	155.263			
140	T	4.3684	2.7756	2.3439	3.0940	2.4352	2.2657	2.8673	2.4668		21.2227			
140	S	163.259	170.725	145.300	134.535	155.951	167.919	146.717	136.402	157.720	151.649			
141	T	4.3853	2.7827	2.3359	2.9953	2.5117	3.2441	4.5195			47.6912	36.5436		24.0026
171	S	162.630	170.289	145.797	138.968	151.201	117.276	93.081			67.484	27.250		118.354
142	T						2.5074	2.8430	2.2347	2.8258	31.9827		19.1277	1
172	S						151.733	147.971	150.569	166.003	100.629		134.619	1
143	LI	4.1732	2.7102	2.0831	2.6551		2.1470	2.5711	2.1063	2.7358	19.2791			
143	S	170.896	174.845	163.491	156.774			163.619	159.748	171.464	166.937			
144	口	4.0649	2.6152	2.0954	2.6284			2.5898	2.0527	2.6883	19.0758			
	S	175.449	181.196	162.531	158.366			162.438	163.919	174.494	168.716			
145	ഥ	4.1090	2.6308	2.1010	2.5811			2.5699	2.0821	2.7052	18.9904			
1.5	S	173.566	180.121	162.098	161.268		•	163.696	161.605	173.403	169.475			$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}oldsymbol{ol}}}}}}}}}}}}}}}}}}}$
146	ഥ	4.1681	2.6587	2.1494	2.5638			2.6010	2.0374		19.0268			\bot
	S	171.105	178.231	158.448	162.357			161.738	165.150		169.151			
147	ഥ	4.1445	2.6502	2.1255	2.5385				2.0951	2.6994	19.0361			
	S	172.079	178.803	160.230	163.975		176.578	163.156	160.602	173.776	169.068			
148	ᄪ	4.1306	2.6315	2.1371	2.5491				2.1122	2.7241	19.0841			
	S	172.658	180.074	159.360	163.293			161.913	159.302	172.200	168.643			_
149	I	4.1542	2.6484	2.1717	2.5440			-	2.1163		19.0658			
<u> </u>	S	171.677	178.924	156.821	163.620			164.047	158.993	171.753	168.805			
150	ㅁ	4.1558	2.6685	2.1117	2.6255		2.1048		2.0578		19.0091			
	S	171.611	177.577	161.277	158.541	+	180.756		163.513		169.308			
151	ഥ	4.1674	2.6781	2.1415	2.6753			•	2.1065		19.2342			
	S	171.134	176.940	159.033	155.590			165.714	159.733	172.886	167.327			
152	LT	4.2767	2.7368		2.5560		2.0931	2.5848	2.1840		19.3230			
	S	166.760	173.145	156.698	162.852	172.022	181.766	162.752	154.065	168.302	166.558			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S ^S		SF to T1	<u> </u>	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.1898	2.7015	2.1310	2.6473	2.2482	2.1430	2.6406	2.1731	2.7843	19.4690			
153	S	170.219	175.408	159.816	157.236	168.923	177.534		154.837	168.477	165.309			
454	Т	4.1919	2.6762	2.1733	2.5992	2.2256	2.1164	2.6117	2.1758	2.7641	19.3423			
154	S	170.133	177.066	156.706	160.145	170.638	179.765	161.076	154.645	169.708	166.392			
155	Т	4.2393	2.6997	2.2030	2.5811	2.2071	2.1187	2.6696	2.1711	2.7465	19.3968			
155	S	168.231	175.525	154.593	161.268	172.069	179.570	157.582	154.980	170.796	165.924			
156	Т	4.2658	2.7401	2.1681	2.5775	2.2117	2.0851	2.5665	2.3360	2.8846	19.5696			
130	S	167.186	172.937	157.081	161.494	171.711	182.463	163.913	144.040	162.619	164.459			
157	Т	4.2442	2.7216	2.1726	2.6152	2.2354	2.1352	2.6503	2.2567	2.8119	19.5989			
137	S	168.037	174.112	156.756	159.166	169.890	178.182	158.730	149.101	166.823	164.213			
158	T	4.3616	2.7778	2.2540	2.5860	2.2190	2.1433	2.6960	2.3305	2.8809	19.8875			
130	S	163.514	170.590	151.095	160.963	171.146	177.509	156.039	144.380	162.828	161.830			
159	T	4.1978	2.6977	2.1493	2.5726	2.2104	2.1011	2.6035	2.2296	2.7986	19.3628			
139	S	169.894	175.655	158.455	•	171.812	181.074		150.914	167.616	166.216			
160	T	4.1052	2.6342	2.1221	2.5871	2.2129	2.0946	2.5702	2.2172	2.7863	19.2246			
100	S	173.726	179.889	160.486	160.894	171.618	181.636	163.677	151.758	168.356	167.411			
161	T	4.1179	2.6430	2.1137	2.5699	2.2137	2.1104	2.5788	2.2261	2.8132	19.2688			
101	S	173.191	179.290	161.124	161.971	171.556	180.276	163.131	151.151	166.746	167.026			
162	工	4.1508	2.6744	2.1015	2.5940	2.2232	2.1080	2.6469	2.3727	2.8986	19.6193			
102	S	171.818	177.185	162.060	160.466	170.823	180.481	158.934	141.812	161.834	164.043			
163	T	4.2437	2.7162			2.2407	2.1144	2.6283	2.3365	2.8962	19.7475			
103	S	168.057	174.458		159.020	169.488	179.935			161.968	162.978			
164	ፗ	4.2276	2.7126		2.8512	2.3453	2.2275				20.2364			
104	S	168.697	174.690		145.991	161.929	170.799		147.474	163.903	159.040	-		
165	ፗ	4.1840	2.6863	2.1581	2.6428	2.2478	2.1368	-	2.3840	2.9028	19.8647			
	S	170.455	176.400	157.809	157.503	168.953	178.049	155.457	141.140	161.599	162.016			
166	T	4.2421	2.7120			2.2730	2.1759			2.8795	20.0903			
	S	168.120	174.728		154.390	167.080	174.849			162.907	160.197			
167	Ҵ	4.1632	2.6742	2.1719		2.2867	2.1680			2.8819	20.1038			
	S	171.306	177.198		150.695	166.079	175.486	151.772	140.957	162.771	160.089			
168	I	4.2715	2.7365		2.7671	2.3208	2.2152	2.8115		2.8225	20.1482			
	S	166.963	173.164		150.428	163.639	171.747	149.629		166.197	159.736			
169	ፗ	4.4464	2.8093		2.7908	2.3255	2.2355				20.5449			
	S	160.395	168.677	144.609	149.151	163.308	170.188		145.359	163.088	156.652			
170	I	4.3467	2.7290		2.7971	2.3055	2.1988		2.3858	 	20.4616			
	S	164.074	173.640	145.972	148.815	164.725	173.028	-	141.033	162.642	157.290			
171	I	4.1330	2.6778			2.2986				2.8680	19.9078			
1/1	S	172.558	176.960	160.827	150.941	165.219	175.738	154.606	146.155	163.560	161.665			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 7 - Ericsson, Marcus (R)

Race

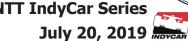
Report:

Session:

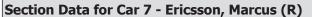
Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	4.2322	2.7083	2.1941	2.6735	2.2668	2.1492	2.7043	2.3036	2.8563	19.8561			
172	S	168.513	174.967	155.220	155.695	167.537	177.021	155.560	146.066	164.230	162.086			
172	T	4.1938	2.6842	2.1880	2.7373	2.2879	2.1591	2.7045	2.3107	2.8658	19.9375			
173	S	170.056	176.538	155.653	152.066	165.992	176.210	155.549	145.617	163.686	161.424			
174	T	4.2277	2.6974	2.2278	2.7484	2.2978	2.1647	2.7087	2.3150	2.8808	20.0406			
1/4	S	168.693	175.674	152.872	151.452	165.277	175.754	155.308	145.347	162.834	160.594			
175	T	4.2225	2.7006	2.1986	2.7138	2.2929	2.1659	2.6849	2.2511	2.8451	19.8529			
1/5	S	168.900	175.466	154.902	153.383	165.630	175.657	156.684	149.472	164.877	162.112			
176	T	4.1957	2.6851	2.1909	2.7307	2.2885	2.1853	2.7188	2.3419	2.8776	20.0188			
170	S	169.979	176.479	155.447	152.433	165.948	174.097	154.731	143.677	163.015	160.769			
177	T	4.1901	2.6908	2.1682	2.7231		2.1731	2.6903	2.3313	2.8821	19.9475			
1//	S	170.206	176.105	157.074	152.859	165.941	175.075	156.370	144.330	162.760	161.344			
178	T	4.2182	2.6996	2.1861	2.7133	2.2938	2.1920	2.7237	2.2638	2.8525	19.9248			
178	S	169.073	175.531	155.788	153.411	165.565	173.565	154.452	148.634	164.449	161.527			
179	T	4.1962	2.6863	2.1807	2.7276	2.2875	2.1705	2.7398	2.3074	2.8570	19.9568			
1/9	S	169.959	176.400	156.174	152.607	166.021	175.284	153.545	145.825	164.190	161.268			
180	T	4.2673	2.7139	2.2482	2.7549	2.2958	2.1774	2.6946	2.3372	2.9149	20.1369			
100	S	167.127	174.606	151.485	151.094	165.421	174.729	156.120	143.966	160.929	159.826			
181	工	4.1859	2.6925	2.1749	2.8128	2.3237	2.1939	2.7363	2.2415	2.8347	20.0103			
101	S	170.377	175.994	156.590	147.984	163.434	173.415	153.741	150.113	165.482	160.837			
182	T	4.2096	2.6883	2.2182	2.8410	2.3300	2.1966	2.7155	2.2744	2.8533	20.1173			
102	S	169.418	176.269	153.534	146.515		173.202	154.919	147.941	164.403	159.982			
183	口	4.1767	2.6748	2.1918	2.8544	2.3447	2.2138	2.7069	2.2491	2.8489	20.0844			
105	S	170.752	177.159	155.383	145.827		171.856	155.411	149.605	164.657	160.244			
184	ഥ	4.1493	2.6618	2.1694	2.8359	2.3228	2.1784	2.6797	2.2726	2.8499	19.9705		ļ	
104	S	171.880	178.024	156.987	146.779	163.498	174.649	156.988	148.058	164.599	161.158			
185	口	4.2036	2.6860	2.1990	2.7044		2.1497	2.6876		4.0909	21.2163			
103	S	169.660	176.420	154.874	153.916		176.980	156.527	138.605	114.667	151.695			
186	T	6.6956	4.4325	3.2695	4.2058	3.5290	3.2627	3.8962	3.6881	5.0322	31.3160			
	S	106.515	106.907	104.165	98.970	107.615	116.607	107.972	91.233	93.218	102.772			
187	T	8.0460	5.1698	4.0289	4.1071	3.0029	3.1907	3.6041	3.0373	4.5136	30.6544			
10,	S	88.638	91.660	84.531	101.349	126.469	119.239	116.723	110.782	103.928	104.990			
188	T	7.2108	4.7462	3.5094	4.5025	3.9715	3.7911	4.4477	4.0352	7.0239	36.0275			
100	S	98.905	99.841	97.045	92.449		100.355	94.584	83.386	66.785	89.332			
189	I	10.3454	7.1537	4.5749	5.2758		5.3750	6.0797	5.0347	6.9233	45.3144			
109	S	68.937	66.240	74.443	78.898	77.547	70.782	69.195	66.832	67.755	71.024			
190	Т	10.2856	6.6666	5.2856	5.9283	4.6636	4.6075	5.0399	3.8876	4.7551	40.8342			
190	S	69.338	71.080	64.433	70.214	81.433	82.573	83.470	86.551	98.650	78.816			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	7.9715	5.0687	4.2411	5.9439	4.9069	4.9215	6.9286	5.3468	5.7341	43.0916			
191	S	89.466	93.488	80.302	70.030	77.396	77.305	60.717	62.931	81.807	74.687			
192	Т	9.7226	6.5977	4.3625	5.4891	5.1363	4.3502	4.0058	3.3217	4.2572	37.5205			
192	S	73.353	71.823	78.067	75.832	73.939	87.457	105.018	101.297	110.188	85.777			
193	Т	5.8917	3.8280	2.9451	3.7640	3.2232	3.0869	3.8188	3.3764	4.5375	28.5799			
193	S	121.049	123.789	115.639	110.587	117.825	123.248	110.161	99.656	103.381	112.611			
104	Т	6.2754	4.2692	2.9030	3.7944	3.1834	2.8377	3.4508	2.9879	3.9618	27.3882			
194	S	113.647	110.996	117.316	109.701	119.298	134.071	121.908	112.613	118.403	117.510			
195	Т	7.5303	4.6797	4.2046	5.6519	4.9865	4.2780	5.7211	4.4082	5.0296	38.9596			
195	S	94.708	101.259	80.999	73.648	76.160	88.933	73.532	76.330	93.266	82.609			
196	Т	8.7613	5.7353	4.4236	5.3850	4.5291	5.2961	4.8686			55.9735	32.2467		36.6333
190	S	81.401	82.622	76.989	77.298	83.852	71.837	86.407			57.499	30.881		77.547
197	Т						3.3302	3.6322	2.9354	3.6017	37.2245		24.3180	
197	S						114.244	115.820	114.627	130.242	86.459		105.886	
198	Т	6.7374	4.1405	3.7769	5.3354	5.3903	5.5650	5.5127	3.9735	5.1558	38.8501			
190	S	105.854	114.446	90.171	78.017	70.455	68.366	76.311	84.680	90.983	82.841			
199	Т	8.4537	6.3128	3.0282	3.7804	3.4869	3.2387	4.1249	2.7283	2.9923	29.6925			
199	S	84.363	75.064	112.466	110.107	108.914	117.471	101.986	123.329	156.766	108.391			
200	Т	4.2804	2.6999	2.3170	3.0464	2.5476	2.5346	3.4108	2.4294	2.9201	21.9058			
200	S	166.616	175.512	146.987	136.637	149.071	150.104	123.338	138.502	160.642	146.920			
201	Т	4.3098	2.7482	2.2613	2.6981	2.2542	2.1308	2.6122	2.1499	2.7185	19.5732			
201	S	165.479	172.427	150.607	154.275	168.473	178.550	161.045	156.508	172.555	164.429			
202	T	4.0490	2.5931	2.1075	2.6447	2.2559	2.1451	2.5458	2.1248	2.7953	19.2122			
202	S	176.138	182.740	161.598	157.390	168.346	177.360	165.245	158.357	167.814	167.519			
203	Т	4.2647	2.7201	2.2042	2.5652	2.2054	2.0954	2.5614	2.0911	2.6710	19.1138			
203	S	167.229	174.208	154.509	162.268	172.201	181.567	164.239	160.909	175.624	168.381			
204	T	4.1626	2.6394	2.1779	2.5454			2.5767	2.1329	2.6930	19.0769			
204	S	171.331	179.535	156.375	163.530			163.264	157.756	174.189	168.707			
205	٦	4.2457	2.7090	2.1891	2.5672	2.1996	2.0864	2.5811	2.1384	2.7339	19.2047			
203	S	167.977	174.922	155.575	162.142	172.655	182.350	162.985	157.350	171.583	167.584			
206	Т	4.1606	2.6560	2.1497	2.5462	2.2090		2.8725	2.2260	2.8166	19.7525			
200	S	171.413	178.413	158.426	163.479		167.123	146.451	151.158	166.545	162.936			
207	Т	4.1483	2.6542	2.1739	2.6787	2.2438	2.1402	2.7116	2.2168	2.8094	19.6286			
207	S	171.921	178.534	156.662	155.393	169.254	177.766	155.142	151.785	166.972	163.965			
208	T	4.1837	2.6732	2.1694	2.5897	2.2141	2.0936	2.5895	2.1175	2.7443	19.1913			
200	S	170.467	177.265	156.987	160.733			162.457	158.903	170.933	167.701			
209	Т	4.0791	2.6211	2.0866	2.5048			2.6076	2.1087	2.7198	18.9190			
209	S	174.838	180.788	163.217	166.181	174.825	181.333	161.329	159.566	172.473	170.115			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap			SF to T1	<u> </u>	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.0724	2.6053	2.1091	2.5114	2.1778	2.0923	2.6276	2.1185	2.7551	18.9971			
210	S	175.126									169.415			
244	Т	4.1411	2.6493	2.1442	2.5899	2.2011	2.1441	2.6750	2.2477	2.8124	19.4637			
211	S	172.220	178.864	158.832	160.720	172.538	177.443	157.264	149.698	166.794	165.354			
212	Т	4.1890	2.6686	2.1963	2.6017	2.2107	2.1320	2.6832	2.1197	2.7445	19.3567			
212	S	170.251	177.570	155.065	159.992	171.788	178.450	156.784	158.738	170.920	166.268			
213	Т	3.9158	2.5475	1.9999	2.7132	2.3021	2.1529	2.5953	2.1984	2.7909	19.3002			
213	S	182.129	186.011	170.293	153.417	164.968	176.717	162.094	153.056	168.079	166.755			
214	Т	4.1076	2.6427	2.1279	2.7067	2.2656	2.1436	2.6168	2.1923	2.7989	19.4945			
214	S	173.625	179.310	160.049	153.785	167.626	177.484	160.762	153.481	167.598	165.093			
215	Т	4.0951	2.6324	2.1129	2.5714	2.2114	2.1251	2.6919	2.1854	2.7932	19.3237			
213	S	174.155	180.012	161.185	161.877	171.734	179.029	156.277	153.966	167.940	166.552			
216	Т	4.1907	2.6708	2.1976	2.6430	2.2222	2.1337	2.6401	2.3056	2.8650	19.6780			
210	S	170.182	177.424		157.491	170.899	178.307	159.343		163.732	163.553			
217	T	4.1941	2.6960	2.1365	2.6273	2.2539	2.1359	2.6584	2.2245	2.8480	19.5805			
217	S	170.044	175.765	159.405	158.433	168.496	178.124	158.246	151.260	164.709	164.368			
218	T	4.1696	-	2.1568	2.6709	2.2545	2.1443	2.7064		2.8043	19.6056			
210	S	171.043	177.079	157.904	155.846	168.451	177.426	155.440	153.474	167.276	164.157			
219	I	4.2075	2.6835	2.1955	2.6125	2.2307	2.1593	2.7669	2.2196	2.8111	19.6791			
	S	169.503	176.584	155.121	159.330	170.248	176.193			166.871	163.544			
220	ፗ	4.0604	2.6197			2.2960		2.6799			19.4502			
	S	175.643	180.885	162.144		165.406	176.291	156.977		169.573	165.469			
221	ፗ	4.1773	2.6654			2.3389	2.1990			2.7869	19.7253			
	S	170.728	177.783	156.561	153.581	162.372	173.013	•	•	168.320	163.161			
222	ፗ	4.2291	2.6803	2.2445		2.2514	2.2005		 	2.7916	19.7191			
	S	168.637	176.795	151.735	156.356	168.683	172.895	154.413		168.037	163.212			
223	ፗ	4.2007	2.7051	2.1590		2.3055	2.1793			2.8040	19.8215			
	S	169.777	175.174			164.725	174.576			167.293	162.369			
224	ፗ	4.2253	2.6971	2.1747	2.6039	2.2534	•		+	2.9049	19.7270			
	S	168.788	175.694	156.605	159.856	168.533	179.223	160.805		161.483	163.147			
225	I	4.2008	2.6931	2.1860		2.2577	2.1287	2.6467		2.9342	19.9532			
	S	169.773	175.955	155.795		168.212	178.726			159.870	161.297			
226	ፗ	4.2421	2.7239			2.2531	2.1933		+	2.8436	19.8008			
	S	168.120	173.965	156.742		168.556	173.462	154.947		164.964	162.539			
227	ፗ	4.2078	 	2.1430		2.2614	2.2252	2.7773			19.6636			
	S	169.490	175.486	158.921	157.164	167.937	170.975			169.537	163.673			
228	T	4.2739				2.2472	2.1411	2.6551			19.6578			
220	S	166.869	173.627	153.929	158.783	168.998	177.691	158.443	150.617	166.510	163.721			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap F	I to PO	PO to SF	SF to PI
	T	4.1278	2.6516	2.1185	2.5990	2.2350	2.1278	2.6097	2.2185	2.8189	19.3790			
229	S	172.775					178.802	161.199	151.669	166.409	166.077			
222	Т	4.1117	2.6437	2.1095	2.5824	2.2265	2.1223	2.5850	2.1986	2.8094	19.2774			
230	S	173.452	179.243	161.445	161.187	170.569	179.265	162.740	153.042	166.972	166.952			
224	Т	4.1199	2.6577	2.1071	2.6700	2.2601	2.1398	2.6405	2.2042	2.8071	19.4865			1
231	S	173.107	178.298	161.629	155.899	168.034	177.799	159.319	152.653	167.109	165.160			
222	Т	4.1062	2.6430	2.1197	2.6670	2.2537	2.1250	2.6468	2.2749	2.8413	19.5714			
232	S	173.684	179.290	160.668	156.074	168.511	179.037	158.940	147.909	165.097	164.444			
233	Т	4.1936	2.6940	2.1513	2.6699	2.2754	2.1690	2.6702	2.2713	2.8524	19.7535			
233	S	170.064	175.896	158.308	155.905	166.904	175.406	157.547	148.143	164.455	162.928			
234	Т	4.1999	2.6878	2.1756	2.6709	2.3149	2.2131	2.7335	2.2627	2.8470	19.9055			
234	S	169.809	176.302	156.540	155.846	164.056	171.910	153.899	148.706	164.767	161.684			
225	T	4.2339	2.6856	2.2651	2.7566	2.2892	2.1928	2.7476	2.3968	2.9358	20.2695			
235	S	168.446	176.446	150.355	151.001	165.898	173.502	153.109	140.386	159.783	158.780			
236	Т	4.2612	2.7299	2.1901	2.6626	2.2577	2.1924	2.7091	2.2632	2.8548	19.8598			
236	S	167.366	173.583	155.503	156.332	168.212	173.533	155.285	148.673	164.317	162.056			
237	Т	4.2959	2.7400	2.2358	2.7145	2.2692	2.1566	2.6891	2.2028	2.8079	19.8159			
237	S	166.015	172.943	152.325	153.343	167.360	176.414	156.440	152.750	167.061	162.415			
238	Т	4.2930	2.7358	2.2165	2.7785	2.3284	2.1903	2.7155	2.2379	2.8160	20.0189			
238	S	166.127	173.208	153.651	149.811	163.105	173.700	154.919	150.354	166.581	160.768			
239	Т	4.1387	2.6408	2.1814	2.7604	2.3005	2.1564	2.6312	2.1948	2.8060	19.6715			
239	S	172.320	179.439	156.124	150.793	165.083	176.430	159.882	153.307	167.174	163.607			
240	T	4.1006	2.6362	2.1308	2.6949	2.2734	2.1426	2.6322	2.1812	2.7921	19.4834			
240	S	173.921	179.753	159.831	154.458	167.051	177.567	159.821	154.262	168.006	165.187			
241	Т	4.1015	2.6346	2.1321	2.6916	2.2662	2.1361	2.6130	2.2549	2.8412	19.5697			
241	S	173.883	179.862	159.734	154.648	167.581	178.107	160.996	149.220	165.103	164.458			
242	T	4.1450	2.6666	2.1422	2.7986	2.3336	2.1975	2.6694	2.1836	2.7851	19.7766			
272	S	172.058	177.703	158.981	148.735	162.741	173.131	157.594	154.093	168.429	162.738			
243	I	4.2012	2.6860	2.1948	2.8958	2.4082	3.0490	4.6724			42.0046	30.8484		23.9924
	S	169.757	176.420	155.170	143.743	157.700	124.780	90.035			76.620	32.280		118.404
244	Т						2.5050	2.8201	2.2391		32.1593		19.3231	
	S						151.878	149.173	150.273		100.077		133.257	1
245	T	4.1679		2.1809	2.6342	2.2349		2.5599	2.0745		19.2196			
	S	171.113		156.159		169.928	179.553	164.335	162.197	171.039	167.454			
246	I	4.1423	2.6554		2.5299	2.1980	2.1008	2.5451	2.0794		18.9409			
	S	172.170	178.453	160.911	164.532	172.781	181.100	165.291	161.815	172.727	169.918			
247	T	4.0247	2.5948		2.5259	2.1861	2.0920	2.4985	2.0847	2.7175	18.7601			
24/	S	177.201	182.620	165.276	164.793	173.722	181.862	168.374	161.403	172.619	171.556			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 7 - Ericsson, Marcus (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.1216	2.6437	2.1117	2.5757	2.2152	2.1085	2.5994	2.3293	2.8772	19.4607			
248	S	173.035			161.607	171.439	180.438			163.037	165.379			
240	Т	4.2187	2.7096	2.1679	2.6172	2.2484	2.1578	2.7677	2.2654	2.7905	19.7245			
249	S	169.053	174.883	157.096	159.044	168.908	176.316	151.997	148.529	168.103	163.168			
350	Т	4.1862	2.6675	2.1941	2.6466	2.2481	2.1372	2.6211	2.2086	2.8000	19.5232	ĺ		
250	S	170.365	177.643	155.220	157.277	168.931	178.015	160.498	152.349	167.532	164.850			
254	Т	4.1334	2.6586	2.1220	2.5852	2.2144	2.1329	2.6550	2.1490	2.7756	19.2927			
251	S	172.541	178.238	160.494	161.013	171.501	178.374	158.449	156.574	169.005	166.820			
252	Т	4.0800	2.6294	2.0930	2.5486	2.2068	2.0974	2.4931	2.1116	2.7443	18.9242			
252	S	174.799	180.217	162.718	163.325	172.092	181.393	168.738	159.347	170.933	170.068			
253	Т	4.1251	2.6424	2.1401	2.8141	2.4241	3.1559	4.4732			35.7450	25.5140		23.0692
255	S	172.888	179.331	159.137	147.916	156.665	120.553	94.045			90.038	39.029		123.142
254	Т					3.0567	2.5080	2.8908	2.2340	2.8190	31.9772		19.1390	
254	S					124.243	151.696	145.524	150.617	166.403	100.647		134.539	
255	Т	4.2370	2.7143	2.1851	2.6847	2.2913	2.1426	2.5655	2.2042	2.8129	19.6006			
233	S	168.322	174.580	155.859	155.045	165.746	177.567	163.977	152.653	166.764	164.199			
256	T	4.2194	2.6985	2.1804	2.6034	2.2274	2.1210	2.6053	2.1479	2.7646	19.3485			
230	S	169.024	175.603	156.195	159.887	170.500	179.375	161.472	156.654	169.678	166.338			
257	T	4.0605	2.6282	2.0425	2.6065	2.2632	2.1227	2.5016	2.0926	2.7360	18.9933			
237	S	175.639	180.300	166.741	159.697	167.803	179.231	168.165	160.794	171.451	169.449			
258	T	4.0796	2.6303	2.0705	2.5502	2.1998	2.0940	2.5148	2.1716	2.7695	19.0007			
230	S	174.817	180.156	164.486	163.222	172.640	181.688		154.944	169.377	169.383			
259	I	4.0281	2.6205	2.0336		2.2273	2.0961	2.5274	2.1108	2.7519	18.9842			
233	S	177.052	180.829		159.080	170.508	181.506		159.407	170.461	169.530			
260	ഥ	4.0851	2.6262	2.0963	2.6215	2.2506	2.1188	2.5578	2.0942	2.7257	19.0911			
200	S	174.581	180.437	162.462	158.783	168.743	179.561	164.470	160.671	172.099	168.581			
261	I	4.1201	2.6377	2.1252	2.6089	2.2348	2.1313	2.6468		2.7846	19.3529			
	S	173.098	179.650	160.252	159.550	169.936	178.508			168.459	166.301			
262	ᄑ	4.2150			3.1465	3.9990	3.8298	4.1775	3.5313	4.0262	27.5919			
	S	169.201	176.262	155.284	132.290	94.967	99.341	100.702	95.284	116.510	116.643			
263	Т	5.7442	3.6234	3.0455	3.9527	5.1545	4.0038	3.7962	3.1998	4.1483	30.9242			
	S	124.157	130.779	111.827	105.308	73.678	95.023	110.817	105.156		104.074			
264	Т	5.9772	3.7403	3.2955	5.2350	7.3153	4.3025	3.6052	2.8632	3.5066	33.8636			
	S	119.317	126.691	103.343	79.513	51.915	88.426	116.688	117.518	133.774	95.040			
265	T	6.3698	3.9830	3.3992	4.2512	7.0199	4.7111	4.3172	3.6654	6.4836	37.8306			
	S	111.963	118.972	100.191	97.914	54.099	80.757	97.443	91.798	72.350	85.074			
266	T	10.7825	7.7490	4.1787	5.8337	8.3590	5.2246		4.4682	6.0348	47.0367			
	S	66.143	61.152	81.501	71.353	45.433	72.820	81.077	75.305	77.731	68.423			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Report: Session: Race

July 20, 2019 INDYCAR

Section Data for Car 7 - Ericsson, Marcus (R)

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	10.6965	7.5593	4.4062	6.2081	8.2489	6.1903	6.2045	4.6016	5.9335	49.3524			
207	S	66.674	62.686	77.293	67.049	46.039	61.460	67.803	73.122	79.058	65.213			
260	Т	10.7631	7.4038	4.6638	5.5341	6.8330	4.4934	4.8506			56.7905	30.0760		39.5669
268	S	66.262	64.003	73.024	75.215	55.579	84.670	86.728			56.671	33.109		71.797
269	T						2.8490	3.3749	3.5352	7.2193	39.7469		26.8945	
209	S						133.540	124.650	95.179	64.977	80.972		95.742	
270	Т	11.6228	8.8495	3.9407	5.7787	6.2150	5.0049	5.6095	4.5801	8.0671	48.0455			
270	S	61.361	53.547	86.423	72.032	61.106	76.016	74.995	73.465	58.149	66.987			
271	Т	10.4165	7.3946	4.1821	5.5220	6.0551	5.6568	5.3749	4.2616	7.3353	45.7824			
2/1	S	68.467	64.082	81.435	75.380	62.719	67.256	78.268	78.956	63.950	70.298			
272	Т	10.0244	7.8068	3.2165	4.8947	5.4422	6.1309	4.1766	4.2429	6.3302	42.2408			
2/2	S	71.145	60.699	105.882	85.041	69.783	62.055	100.724	79.304	74.104	76.192			
273	Т	7.8782	5.6312	3.4006	4.6418		3.5535		2.7713	2.9975	31.9596			
2/3	S	90.526	84.150	100.149	89.674	81.719	107.065	97.461	121.415	156.494	100.702			
274	T	4.4567	2.7994	2.3864	2.9320	2.3041	2.3038	2.8981	2.4495	2.9086	20.9819			
2/7	S	160.025	169.273	142.712	141.968			145.158	137.366	161.277	153.389			
275	T	4.4447	2.7830		2.8265	2.2899	2.1584	2.6860	2.2098	2.7702	20.1106			
2/3	S	160.457	170.271	142.688	147.267		176.267	156.620	152.266	169.335	160.035			
276	T	4.1043		2.1718					2.1531	2.7845	19.7528		ļ	
	S	173.765		156.814	145.644				156.276		162.934			
277	T	4.0685			2.4856			2.5650		-	18.7660			
	S	175.294			167.465		182.455		161.187		171.502			
278	T	4.0375					2.1246		2.0989		19.0826		ļ	
	S	176.639		160.736	157.790	•	•	162.212	160.311	174.688	168.656		ļ	
279	T	4.0683			2.6143				2.1072		19.0956			
	S	175.302	182.571	159.584	159.220				159.680	-	168.541			
280	T	3.9328			2.6985			2.5406			19.2930			
	S	181.342			154.252				152.875	164.121	166.817			
281	I	4.0787		2.0596					2.0894		18.9401	•		
	S	174.855		165.356	162.980				161.040		169.925			
282	T	4.0414		2.0844					2.0707	2.7174	18.9992			
<u> </u>	S	176.469	-	163.389	163.267		176.463	-	162.494		169.397			
283	T	4.1456							2.1272		19.1792		-	
	S	172.033	179.154	159.323	162.636			159.949	158.178		167.807		-	
284	T	4.2089			•				2.2520		19.2484			
-	S	169.446		157.176	-				149.413		167.204			
285	T	4.1102						2.6111	2.1709	i	19.2570			
	S	173.515	179.229	161.491	162.003	172.014	176.939	161.113	154.994	167.844	167.129			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



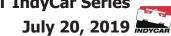
Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 7 - Ericsson, Marcus (R)

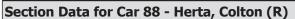
Lap	T/SS	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	4.1309	2.6602	2.0992	2.5724	2.2248	2.0943	2.5036	2.3148	2.8606	19.3299			
200	S	172.646	178.131	162.237	161.814	170.700	181.662	168.031	145.359	163.983	166.499			
287	Т	4.1346	2.6677	2.1166	2.5774	2.2234	2.1865	2.6347	2.1414	2.7728	19.3205			
207	S	172.491	177.630	160.903	161.500	170.807	174.002	159.670	157.130	169.176	166.580			
288	Т	4.0610	2.6243	2.0807	2.6536	2.2792	2.1282	2.5873	2.1721	2.7820	19.3074			
200	S	175.617	180.568	163.680	156.862	166.625	178.768	162.595	154.909	168.616	166.693			
289	Т	4.1015	2.6379	2.1082	2.6007	2.2254	2.1047	2.5828	2.1487	2.7698	19.1782			
209	S	173.883	179.637	161.545	160.053	170.654	180.764	162.878	156.596	169.359	167.816			
290	Т	4.1182	2.6488	2.1068	2.5929	2.2100	2.1060	2.6109	2.1656	2.7717	19.2127			
290	S	173.178	178.897	161.652	160.535	171.843	180.653	161.125	155.374	169.243	167.514			
291	Т	4.1178	2.6346	2.1499	2.6421	2.2411	2.1264	2.6272	2.1511	2.7738	19.3462			
291	S	173.195	179.862	158.411	157.545	169.458	178.920	160.126	156.421	169.115	166.358			
292	T	4.0865	2.6222	2.1237	2.6315	2.2505	2.1221	2.6009	2.2005	2.7995	19.3509			
292	S	174.521	180.712	160.365	158.180	168.750	179.282	161.745	152.909	167.562	166.318			
293	Т	4.1239	2.6437	2.1225	2.5583	2.2118	2.1125	2.6748	2.1332	2.7610	19.2178			
293	S	172.939	179.243	160.456	162.706	171.703	180.097	157.276	157.734	169.899	167.470			
294	Т	4.1431	2.6455	2.1634	2.6462	2.2463	2.1532	2.7121	2.1550	2.7840	19.5057			
237	S	172.137	179.121	157.423	157.301	169.066	176.693	155.113	156.138	168.495	164.998			
295	T	4.2115	2.6724	2.2299	2.6719	2.2513	2.1572	2.7119	2.1745	2.7949	19.6640			
233	S	169.342	177.318	152.728	155.788	168.690	176.365	155.124	154.738	167.838	163.670			
296	Т	4.1472	2.6477	2.1840	2.6179	2.2211	2.1288	2.6921	2.2198	2.8172	19.5286			
250	S	171.967	178.972	155.938		170.984	178.718		151.580	166.510	164.804			
297	Т	4.1548	2.6547	2.1761		2.2685	2.1684			2.7921	19.6721			
237	S	171.653	178.500	156.504	155.753	167.411	175.454	152.831	153.839	168.006	163.602			
298	T	4.1434	2.6521	2.1502	2.6921	2.2860	2.2117	2.7903	2.2067	2.8143	19.8034			
	S	172.125	178.675	158.389		166.130				166.681	162.518			
299	T	4.1280	2.6494	2.1510		2.2926		2.7315		2.8264	19.7803			
	S	172.767	178.857	158.330		165.652	175.187	154.011	150.921	165.968	162.707			
300	Т	5.3488	3.2131	3.1682	4.8809	4.6578	5.1334	6.8972						36.7664
	S	133.335	147.479	107.496	85.281	81.535	74.114	60.993						77.266

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
-	Т	11.4493	8.3818	4.1038	4.7101	6.1189	4.7469	5.0464	4.2660	5.0801	42.4540)	33.5812	
1	S	62.290	56.535	82.988	88.374	62.066	80.148	83.363	78.874	92.339	75.809)	76.678	
	Т	6.5042	4.5815	2.7210	3.6570	3.6267	3.8169	3.8673	2.8948	3.1463	28.3115	i		
2	S	109.649	103.430	125.163	113.823	104.716	99.676	108.779	116.235	149.093	113.678	6		
	Т	4.6389	2.9082	2.4869	3.0790	2.4590	2.2757	2.8202	2.2684	2.8486	21.1460			
3	S	153.739	162.941	136.945	135.190	154.442	167.181	149.167	148.332	164.674	152.199			
4	Т	4.3645	2.7580	2.3117	2.8077	2.3085	2.1898	2.6586	2.1762	2.7775	19.9880			
4	S	163.405	171.814	147.324	148.253	164.511	173.739	158.234	154.617	168.890	161.017	1		
5	Т	4.1724	2.6625	2.1695	2.6859	2.2626	2.1544	2.5973	2.1619	2.7855	19.4796			
5	S	170.928	177.977	156.980	154.976	167.848	176.594	161.969	155.640	168.405	165.219			
-	Т	4.0961	2.6418	2.0976	2.5988	2.2278	2.1148	2.5038	2.1283	2.7604	19.0733			
6	S	174.112	179.372	162.361	160.170	170.470	179.901	168.017	158.097	169.936	168.738			
7	Т	4.0551	2.6259	2.0535	2.5860	2.2312	2.1307	2.4825	2.0814	2.7161	18.9073			
,	S	175.873	180.458	165.848	160.963	170.210	178.558	169.459	161.659	172.708	170.220			
8	Т	4.0361	2.6107	2.0457	2.5763	2.2161	2.1055	2.4734	2.1323	2.7553	18.9153			
0	S	176.701	181.508	166.480	161.569	171.370	180.696	170.082	157.800	170.250	170.148			
0	Т	4.0708	2.6174	2.1012	2.6462	2.2268	2.1289	2.5759	2.1951	2.7889	19.2804			
9	S	175.195	181.044	162.083	157.301	170.546	178.709	163.314	153.286	168.199	166.926			
10	Т	4.0724	2.6267	2.0945	2.6619	2.2298	2.1177	2.5075	2.1631	2.7545	19.1557			
10	S	175.126	180.403	162.601	156.373	170.317	179.655	167.769	155.553	170.300	168.013			
11	Т	4.0633	2.6173	2.0775	2.5806	2.2352	2.1176	2.5157	2.1922	2.7847	19.1208			
11	S	175.518	181.051	163.932	161.300	169.905	179.663	167.223	153.488	168.453	168.319			
12	Т	4.0831	2.6310	2.0993	2.6707	2.2462	2.1326	2.5359	2.2250	2.8418	19.3825			
12	S	174.667	180.108	162.229	155.858	169.073	178.399	165.891	151.226	165.068	166.047			
13	Т	4.1069	2.6452	2.1232	2.7017	2.2567	2.1390	2.5972	2.2358	2.8056	19.5044			
13	S	173.655	179.141	160.403	154.070	168.287	177.866	161.975	150.495	167.198	165.009			
14	Т	4.1096	2.6393	2.1335	2.7085	2.2556	2.1330	2.5681	2.2450	2.8181	19.5011			
14	S	173.540	179.541	159.629	153.683	168.369	178.366	163.811	149.879	166.456	165.037	'		
15	Т	4.0949	2.6352	2.1235	2.7137	2.2536	2.1332	2.6103	2.2584	2.8061	19.5340			
15	S	174.163	179.821	160.381	153.388	168.518	178.349	161.162	148.989	167.168	164.759			
16	Т	4.0977	2.6355	2.1058		2.7425	2.7603		4.1185	4.7170	25.5378	3		
10	S	174.044	179.800	161.729	146.510	138.477	137.831			99.447	126.025			
17	Т	5.8705	3.9304	2.7754	3.7045	3.3091	3.2878	3.5691	2.9178	3.8126	27.3067	'		
1/	S	121.486			112.363	114.766	115.717	117.868	115.319	123.037	117.861			
10	Т	8.2674	5.3525	4.0367	5.0365	4.8840	4.6834	5.2465	4.8400	6.4711	40.5507	'		
18	S	86.264	88.531	84.368	82.647	77.759	81.235	80.183	69.520	72.490	79.367	<u>'</u>		
10	Т	9.7661	6.6702	4.3288	5.3886	4.5713	4.4539	4.3085	4.1116	5.5971	39.4300)		
19	S	73.026	71.042	78.675	77.246	83.078	85.421	97.640	81.836	83.810	81.623			

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Report: **Section Data Report Session: Race**

July 20, 2019 NDYCAR

Section Data for Car 88 - Herta, Colton (R)

Lap			SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	10.2938	7.2767	4.3548	6.3533	6.1544	4.8038	3.7722	3.0535	5.3135	41.0822			
20	S	69.283	65.121	78.205	65.517	61.708	79.199				78.340		1	1
	Т	9.5012	6.5280	4.0770	4.8470	5.0327	4.5449	4.9174	4.0838	5.4161	39.4469)		
21	S	75.062	72.589	83.534	85.878	75.461	83.710	85.550	82.393	86.610	81.588			1
22	Т	9.2958	6.2935	4.4054	5.8083	4.6103	4.3110	4.8382	3.9371	6.6910	40.8948			1
22	S	76.721	75.294	77.307	71.665	82.375	88.252	86.950	85.463	70.108	78.699)		
23	Т	7.6470	5.0672	3.7931	5.3599	4.8857	4.5740	5.0035	4.3282	5.8533	38.8649)		
	S	93.263	93.516		77.660	77.731	83.178	84.078		80.141	82.810			
24	Т	7.2581	5.1229	3.0988	4.6342	3.3508	2.7909	2.9441	2.2504	2.8304	27.0225	i		
	S	98.260	92.499		89.821	113.338	136.320	142.890	149.519	165.733	119.101			
25	T	4.2381			2.7582						20.3409			
	S	168.279			150.914		174.544				158.223			
26	I	4.3204					2.2215				19.9821			
	S	165.073	172.798	·							161.064			
27	ፗ	4.2439				•	2.1575		+		19.5928			
	S	168.049			156.709		176.340				164.264			
28	I	4.1459									19.6325			
	S	172.021	177.450								163.932			
29	I	4.1916	+		2.6516		•	+	+	2.8221	19.6794			
	S	170.145	-	-		-	176.063			166.221	163.542			+
30	፲	4.1155									19.5502		+	+
	S	173.292								167.622	164.622		+	+
31	T S	4.1180									19.4159		+	+
	T	173.186 4.1137		·		169.247 2.2417	176.931 2.1630	•			165.761 19.3716		+	+
32	S	173.367	178.567				175.892				166.140		+	+
-	T	4.0574									19.5475		+	+
33	S	175.773	182.396								164.645			+
	T	4.1550									19.6499		+	+
34	s	171.644			156.668			+			163.787		+	+
—	Ŧ	4.1388					2.1423	 		2.8204	19.5451		1	1
35	S	172.316				167.212	177.592			166.321	164.665		1	1
	T	4.1023			2.6485						19.5579			
36	S	173.849			157.164		178.199				164.558	_		
	T	4.1164		+	2.6524		•	+	+		19.6335			1
37	S	173.254			156.933						163.924			1
20	T	4.1028				-					19.6266			
38	S	173.828									163.982			1

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

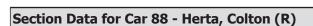
Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
30	Т	4.0793	2.6487	2.0705	2.6742	2.2736	2.1449	2.6266	2.2696	2.8207	19.5288			
39	S	174.829	178.904	164.486	155.654	167.036	177.376	160.162	148.254	166.303	164.803			
40	Т	4.0734	2.6366	2.0791	2.6706	2.2693	2.1465	2.6370	2.2971	2.8387	19.5749			
40	S	175.083	179.725	163.806	155.864	167.352	177.244	159.530	146.479	165.248	164.415			
41	Т	4.1049	2.6498	2.1102	2.6677	2.2603	2.1374	2.6331	2.3527	2.8712	19.6824			
41	S	173.739	178.830	161.391	156.033	168.019	177.999	159.767	143.018	163.378	163.517			
42	Т	4.1536	2.6798	2.1242	2.6959	2.2756	2.1635	2.6763	2.3255	2.8611	19.8019			
42	S	171.702	176.828	160.328	154.401	166.889	175.851	157.188	144.690	163.955	162.530			
43	T	4.2005	2.6981	2.1648	2.7006	2.2807	2.1674	2.6867	2.3053	2.8614	19.8650			
43	S	169.785	175.629	157.321	154.132	166.516	175.535	156.579	145.958	163.938	162.014			
44	Т	4.1892	2.7006	2.1461	2.7186	2.2856	2.1817	2.7011	2.4124	2.9334	20.0795			
44	S	170.243	175.466	158.692	153.112	166.159	174.384	155.745	139.478	159.914	160.283			
45	Т	4.2574	2.7354	2.1864	2.7082	2.2805	2.2027	2.7495	2.3086	2.8538	20.0251			
45	S	167.516	173.234	155.767	153.700	166.530	172.722	153.003	145.749	164.374	160.718			
46	Т	4.1977	2.6882	2.1958	2.8587	2.3564	2.2137	2.7508	2.2939	2.8404	20.1979			
40	S	169.898	176.275	155.100	145.608	161.166			146.683	165.150	159.343			
47	Т	4.2292	2.7018		2.7223	2.2912	2.2305	2.7824	2.3936	2.9033	20.2375			
/	S	168.633	175.388	153.936	152.904	165.753	170.569	151.194	140.574	161.572	159.032			
48	T	4.2572	2.7245		2.8640		2.2179			2.9281	20.5095			
	S	167.524	173.927	152.886	145.339	160.574	171.538	151.521	139.855	160.203	156.922			
49	I	4.2828	2.7489		2.7602		2.2102		2.3833	2.9056	20.2701			
4,5	S	166.522	172.383	154.628	150.804		172.136	-	141.181	161.444	158.776			
50	LT	4.2898	2.7183		2.8967					2.9270	20.7277			
	S	166.251	174.324	-	143.698				•	160.263	155.270			
51	口	4.3680	2.7630		3.4039	3.1703	3.2742		3.7161	4.6294	27.4548			
	S	163.274	171.503	144.609	122.286	119.791	116.198		90.546	101.329	117.225			
52	T	6.4783	4.2281	3.1986	3.8099	3.3228	3.5689		3.8888	4.8424	31.0807			
	S	110.088	112.075	106.474	109.255	114.293	106.603		86.525	96.872	103.550			
53	T	8.4168	5.5402	4.0962	5.1996	5.3817	5.5862	•	4.8482	6.1612	42.3067			
<u> </u>	S	84.733	85.532	83.142	80.054	70.567	68.106		69.403	76.136	76.073			
54	T	9.3765	6.3466	4.3676	5.8532	5.1477	4.9134		4.7435	6.2567	42.9830			
L.	S	76.061	74.664	77.976	71.115	73.775	77.432		70.934	74.974	74.876			
55	T	10.1125	6.7186	4.8764	6.3022	5.7160	6.0198					1648.0746		49.2748
<u> </u>	S	70.525	70.530	69.840	66.048	66.440	63.201	51.690			49.353	0.604		57.652
56	ፗ						3.9797		3.2257	4.9151	1660.1090		27.9715	
<u> </u>	S						95.599		104.311	95.439	1.939		92.056	
57	I	8.1425	5.4483	3.8041	4.5479		4.8746		4.0402	5.1871	37.4185			
	S	87.588	86.975	89.527	91.526	88.535	78.048	80.486	83.282	90.434	86.011			

Iowa 300 Event: Round 12

0.894 mile(s) Track: **Iowa Speedway**

NTT IndyCar Series Report: **Section Data Report Session: Race**

July 20, 2019 NDYCAR



Lap				T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	8.5644	5.8669	3.7837	4.0782	4.2252	3.9504	4.5423			52.7089	32.4831		33.0013
58	S	83.273	80.769		102.067	89.883	96.308	92.614			61.060	30.656	i	86.081
	Т						3.3637	3.9643	3.1836	4.2305	37.8095		25.0340	
59	S						113.106	106.118	105.691	110.883	85.121		102.858	
-	Т	5.9403	3.9924	2.8067	3.5361	3.0694	3.1916	4.0339	3.8340	6.0317	30.4958		1	
60	S	120.058	118.691	121.341	117.714	123.729	119.205	104.287	87.761	77.771	105.536		1	
61	Т	10.4066	7.8593	3.7263	5.2618	5.2838	5.2529	5.5507	4.2111	5.4208	42.5667			
61	S	68.532	60.293	91.396	79.108	71.875	72.428	75.789	79.902	86.535	75.608			
62	Т	7.9028	5.2365	3.8008	4.3528	3.6837	4.2712	4.8950	3.8299	5.4268	35.4967			
02	S	90.244	90.492	89.604	95.628	103.095	89.074	85.941	87.855	86.440	90.668			
63	Т	8.8205	6.3611	3.5065	4.9308	5.2622	5.9773	5.2427	4.2940	6.5009	42.0755			
03	S	80.855	74.494		84.418	72.170	63.650	80.241	78.360	72.158	76.491			
64	Т	8.5734	5.8353	3.9075	5.3009	4.8261	5.1820	5.2921	4.1273	4.8879	39.3591			
04	S	83.185	81.206	87.158	78.524		73.418	79.492	81.525	95.970	81.770			
65	Т	7.2395	4.8414	3.4659	4.2654	3.5362	4.2487	4.9542	2.8846	3.0479	31.2443			
03	S	98.513	97.877	98.263	97.588	107.396	89.546	84.914	116.646	153.906	103.008			
66	Т	4.6142	2.9265	2.4293	2.9516	2.3561	2.2202	2.7304			20.5345			
00	S	154.562	161.922	140.192	141.025	161.187	171.360	154.073	154.454	171.082	156.731			
67	Т	4.1377	2.6213			2.2556	2.1756	2.6267	2.0936		19.3769			
07	S	172.362	180.774			168.369	174.873	160.156	160.717	174.383	166.095			
68	Т	4.0950	2.6264	2.1259	2.6777	2.2196	2.1772	2.5867	2.0882	2.7186	19.2203			
00	S	174.159	180.423		155.451						167.448			
69	T	3.9746	2.5815		2.6000				2.1047		18.9189			
09	S	179.435	183.561	168.423	160.096				159.869		170.116			
70	T	4.0032	2.5846	-			2.0942	2.5104		2.7355	18.8869			
	S	178.153	183.341	166.586	160.504			167.576			170.404			
71	Т	3.9956	2.5877	2.0311	2.5716					2.7201	18.8307			
/-	S	178.492	183.122		161.864						170.912			
72	T	4.0681	2.6162							•	19.3511		ļ	
	S	175.311	181.127	-	161.194				-	164.999	166.316		ļ	
73	T	4.0297	2.6258			-					19.2735		ļ	
	S	176.981	180.464								166.986			
74	Т	4.0477	2.6184					2.5591			19.1977		ļ	
/-	S	176.194	180.975		159.403				152.958		167.645		<u> </u>	
75	Т	4.0313	2.6200			2.2158					19.2096		ļ	
	S	176.911	180.864								167.541		ļ	
76	Т	4.0337	2.6171								19.2635		ļ	
	S	176.806	181.064	166.798	159.379	169.398	178.157	161.608	151.689	167.880	167.072			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	3.9827	2.5885	2.0212	2.6968	2.2694	2.1540	2.6299	2.1777	2.7809	19.3184			
	S	179.070	183.065	168.498	154.350	167.345	176.627	159.961	154.510	168.683	166.598			
78	Т	4.0397	2.5975	2.0937	2.6752	2.2594	2.1534	2.6828	2.2686	2.8450	19.5756			
/6	S	176.543	182.431	162.663	155.596	168.086	176.676	156.807	148.319	164.883	164.409			
79	Т	4.1073	2.6549	2.1011	2.7376	2.2936	2.1923	2.6513	2.1862	2.7825	19.5995			
/9	S	173.638	178.486	162.090	152.049	165.579	173.541	158.670	153.910	168.586	164.208			
80	Т	4.0389	2.5930	2.0829	2.6864	2.2804	2.1470	2.6252	2.2148	2.8129	19.4426			
80	S	176.578	182.747	163.507	154.947		177.203	160.248		166.764	165.533			
81	Т	4.0831	2.6329	2.0997	2.6505	2.2546	2.1441	2.6037	2.2971	2.8854	19.5680			
01	S	174.667	179.978	162.198	157.046		177.443	161.571	146.479	162.574	164.473			
82	Т	4.1045	2.6649	2.0913	2.6796	2.2651	2.1616	2.6575		2.7957	19.5574			
62	S	173.756	177.817	162.850	155.340	167.663	176.006	158.300	150.099	167.790	164.562			
83	T	4.0417	2.6182	2.0659	2.6867	2.2806	2.1400	2.6323	2.2939	2.8417	19.5593			
63	S	176.456	180.988	164.852	154.930	166.523	177.782	159.815	146.683	165.074	164.546			
84	Т	4.0978	2.6377	2.1270	2.7721	2.2899	2.1718	2.7083	2.3171	2.8485	19.8724			
04	S	174.040	179.650	160.117	150.157	165.847	175.179	155.331	145.215	164.680	161.953			
85	T	4.0924	2.6516	2.0787	2.6500	2.2578	2.1545	2.6837	2.3354	2.8473	19.6590			
85	S	174.270	178.709	163.837	157.075	168.205	176.586	156.754	144.077	164.749	163.711			
86	Т	4.0992	2.6452	2.1055	2.7208	2.2902	2.1658	2.6990	2.3613	2.8476	19.8354			
	S	173.981	179.141	161.752	152.988		175.665	155.866	142.497	164.732	162.255			
87	Т	4.1323	2.6543	2.1415	2.7561	2.3002	2.1764	2.7209	2.3016	2.8317	19.8827			
67	S	172.587	178.527	159.033	151.029	165.104	174.809	154.611		165.657	161.869			
88	T	4.2272	2.6882	2.2169	2.7354	2.2807	2.1636	2.6791	2.3534	2.9133	20.0306			
	S	168.713	176.275	153.624	152.172	·		157.024	142.975	161.017	160.674			
89	T	4.1762	2.6866						2.2603	2.8168	19.7942			
09	S	170.773	176.380	158.338	151.933	164.875	175.309	157.777	148.864	166.533	162.593			
90	Т	4.1297	2.6472	2.1524	2.7472		2.1415			2.8942	19.9026			
	S	172.696	179.006		151.518						161.708			
91	T	4.1100	2.6640		2.7340						19.7397			
ļ	S	173.524	177.877	161.767	152.249					165.663	163.042			
92	T	4.0758	2.6429		2.7201					2.7950	19.6328			
	S	174.980	179.297	163.703	153.027		175.430			167.832	163.930			
93	Т	4.0564	2.6143	2.1001	2.7157		2.1622				19.7495			
	S	175.816	181.258	162.168	153.275	166.341	175.957	156.795	145.190	163.242	162.961			
94	I	4.0977	2.6555				2.1652				19.7573			
	S	174.044	178.446			-				162.035	162.897			
95	T	4.1251	2.6656	2.1229	2.7574	2.2905	2.1698	2.6958	2.2842	2.8395	19.8257			
	S	172.888	177.770	160.426	150.957	165.803	175.341	156.051	147.306	165.202	162.335			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB 9	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.1565	2.6572	2.1735	2.7778	2.2982	2.1742	2.7344	2.3314	2.8190	19.9657	7		
96	S	171.582	178.332	156.691	149.849	165.248	174.986	153.848	144.324	166.403	161.196	5		
0.7	Т	4.2696	2.7146	2.2360	2.8055	2.3008	2.1845	2.6975	2.3117	2.8529	20.1035			
97	S	167.037	174.561	152.311	148.369	165.061	174.161	155.952	145.554	164.426	160.092	2		
00	T	4.1136	2.6539	2.0987	2.7091	2.3101	2.1789	2.6945	2.3332	2.8772	19.8556	5		
98	S	173.372	178.554	162.276	153.649	164.397	174.609	156.126	144.213	163.037	162.090)		
-00	Т	4.1447	2.6820	2.1097	2.7203	2.3087	2.1736	2.6768	2.3304	2.8726	19.8741			
99	S	172.071	176.683	161.430	153.016	164.496	175.034	157.158	144.386	163.298	161.939)		
100	Т	4.1420	2.6726	2.1182	2.6936	2.2780	2.1637	2.6523	2.2420	2.8405	19.6609			
100	S	172.183	177.304	160.782	154.533	166.713	175.835	158.610	150.079	165.144	163.695	5		
101	Т	4.0976	2.6444	2.0968	2.6799	2.2793	2.1761	2.6786	2.2304	2.8389	19.6244	1		
101	S	174.049	179.195	162.423	155.323	166.618	174.833	157.053	150.860	165.237	164.000)		
103	Т	4.1468	2.6802	2.1137	2.7008	2.2906	2.1828	i		2.8812	19.8479			
102	S	171.984	176.802	161.124	154.121	165.796	174.297	157.276	144.796	162.811	162.153	3		
103	Т	4.1378	2.6715	2.1356	2.9743	2.4351	2.2621	2.7496	2.2661	2.8444	20.3387	7		
103	S	172.358	177.377	159.472	139.949	155.958	168.186	152.997	148.483	164.917	158.240)		
104	Т	4.2176	2.7000	2.1930	2.7925	2.3301	2.1945	2.7754	2.5780	3.0464	20.6099)		
104	S	169.097	175.505	155.298	149.060	162.986	173.367	151.575	130.519	153.982	156.158	3		
105	Т	4.2882	2.7536	2.2204	2.7257	2.2859	2.2402	2.8156	2.3422	2.8949	20.2785	5		
103	S	166.313	172.089	153.381	152.713	166.137	169.831	149.411	143.659	162.040	158.710			
106	Т	4.2337	2.7187	2.1827	2.8422	2.3952	2.2632	2.8212	2.4745	2.9914	20.6891			
100	S	168.454	174.298	156.031	146.453	158.556	168.105	149.114	135.978	156.813	155.560)		
107	Т	4.2149	2.7276	2.1631	2.7970	2.3116	2.2069	2.7879	2.4778	2.9770	20.4489			
107	S	169.205	173.729	157.444	148.820	164.290	172.393	150.896	135.797	157.572	157.387	7		
108	Т	4.2802	2.7315	2.2112	2.7531	2.3257	2.2209	2.8309	2.3990	2.9214	20.3937	7		
108	S	166.623	173.481	154.020	151.193	163.294	171.306	148.604	140.257	160.571	157.813	3		
109	Т	4.1814	2.6917	2.1476	2.7967	2.3436	2.2361	2.8182	2.4081	2.9407	20.3827	'		
109	S	170.561	176.046	158.581	148.836	162.047	170.142	149.273	139.727	159.517	157.899			
110	Т	4.2929	2.7543	2.2113	2.8000	2.3509	2.2352	2.8748	2.4716	2.9578	20.6559			
	S	166.131	172.045	154.013	148.661	161.544	170.211	146.334	136.137	158.595	155.810			
111	Т	4.1856	2.7071	2.1491	2.8431	2.3631	2.2399	2.7804	2.3290	2.8940	20.3057	1		
	S	170.389	175.045	158.470	146.407	160.710	169.853	151.303	144.473	162.091	158.497	7		
112	Т	4.1282	2.6683	2.1279	2.8554	2.3701	2.2345	2.8029	2.3964	2.9146	20.3701			
112	S	172.759	177.590	160.049	145.776	160.235	170.264	150.088	140.409	160.945	157.996			
112	Т	4.1917	2.6964	2.1790	3.0298	2.4361	2.2925	2.8701	2.4516	2.9340	20.8895			
113	S	170.141	175.739	156.296			165.956				154.068	3		
444	Т	4.3558	2.7666			2.3543	2.2558	2.8809	2.4383	2.9563	20.8071			
114	S	163.732	171.280	148.811	145.222	161.310	168.656	146.024	137.997	158.675	154.678	3	1	

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 NDVCAR

Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap I	PI to PO	PO to SF	SF to PI
115	Т	4.2862	2.7416	2.2404	2.8358	2.3325	2.2371	2.9068	2.3810	2.9055	20.5807			
115	S	166.390	172.842	152.012	146.784	162.818	170.066	144.723	141.318	161.449	156.380			
116	Т	4.2884	2.7348	2.2486	2.8473	2.3562	2.2388	2.8368	2.3404	2.8945	20.4974			
116	S	166.305	173.272	151.458	146.191	161.180	169.937	148.294	143.769	162.063	157.015			
117	Т	4.1986	2.6972	2.1779	2.8413	2.3565	2.2339	2.8106	2.3693	2.8965	20.3832			
117	S	169.862	175.687	156.375	146.500	161.160	170.310	149.677	142.015	161.951	157.895			
118	Т	4.1997	2.6938	2.1857	2.8793	2.3602	2.2210	2.7781	2.4163	2.9281	20.4625			
110	S	169.817	175.909	155.817	144.566	160.907	171.299	151.428	139.253	160.203	157.283			
119	Т	4.3000	2.7412	2.2470	2.8387	2.3459	2.2867	2.8413	2.4037	2.9173	20.6218			
	S	165.856	172.867	151.566	146.634	161.888	166.377	148.060	139.983	160.796	156.068			
120	Т	4.3148	2.7533	2.2583	2.8629	2.3499	2.2727	2.8635	2.3849	2.9055	20.6510			
120	S	165.287	172.108	150.807	145.395	161.612	167.402	146.912	141.087	161.449	155.847			
121	┸	4.2940	2.7548	2.2368	2.9065	2.3850	2.2499	2.8394	2.4881	3.0059	20.8664			
121	S	166.088	172.014	152.257	143.213	159.234	169.098	148.159	135.235	156.057	154.238			
122	T	4.3379	2.7744	2.2600	2.9214	2.4308	2.2884	2.8511	2.4164	2.9398	20.8823			
122	S	164.407	170.799	150.694	142.483	156.234	166.254	147.551	139.247	159.566	154.121			
123	T	4.3219	2.7456	2.2828	2.9166	2.4198	2.3073	2.8954	2.4486	3.0068	21.0229			
123	S	165.016	172.590	149.189	142.718	156.944	164.892	145.293	137.416	156.010	153.090			
124	I	4.3584	2.7773	2.2853	2.9144	2.3925	2.2753	2.9001	2.3641	2.9427	20.8517			
124	S	163.634	170.620	149.026	142.825	158.735	167.211	145.058	142.328	159.408	154.347			
125	ፗ	4.2621	2.7267	2.2113	2.8014		2.2579	2.8111	2.3490	2.9020	20.4099			
123	S	167.331	173.786	154.013	148.586		168.499	149.650	143.243	161.644	157.688			
126	ፗ	4.2408	2.7191	2.1975	2.8663	+	2.2479	2.7940	2.3795	2.9371	20.5237			
	S	168.172	174.272	154.980	145.222		169.249	150.566	141.407	159.712	156.814			
127	ፗ	4.2485	2.7194	2.2112	2.8300			2.7583	2.3323	2.8964	20.3321			
	S	167.867	174.253	154.020	147.085		170.692	152.515	144.268	161.957	158.292			
128	፲	4.2176	2.6974	2.1913	2.8077			2.7610		2.9028	20.3222			
	S	169.097	175.674	155.418	148.253	+	169.294	152.366	144.728	161.599	158.369			
129	Ҵ	4.1819	2.6936	2.1455	2.8312		2.2381	2.7626	2.3587	2.9197	20.3195		ļ	
	S	170.540	175.922	158.736	147.022		169.990	152.277	142.654	160.664	158.390			
130	듸	4.3175	2.7661	2.2366	2.8419			2.7542	2.3405	2.9301	20.4782			
	S	165.184	171.311	152.270	146.469		169.626	152.742	143.763	160.094	157.162			
131	፲	4.2144	2.7051	2.1766	2.8006		2.2412	2.7869	2.3478	2.9259	20.3476			
	S	169.225	175.174	156.468	148.629		169.755	150.950	143.316	160.324	158.171			
132	듸	4.2986	2.7574	2.2202	2.8240			2.7756		2.9327	20.4885			
	S	165.910	171.852	153.395	147.397		170.005	151.564	141.544	159.952	157.083			
133	ᆜ	4.2636	2.7324	2.2211	2.8811			2.7791	2.3938	2.9419	20.5558			
	S	167.272	173.424	153.333	144.476	160.316	170.036	151.373	140.562	159.452	156.569			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	4.2927	2.7495	2.2269	2.8486	2.3600	2.2307	2.8016	2.3716	2.9395	20.5284			
134	S	166.138	172.345	152.934	146.124	160.921	170.554	150.158	141.878	159.582	156.778			
125	Т	4.2977	2.7532	2.2198	2.8512	2.3942	2.2529	2.7762	2.3646	2.9245	20.5366			
135	S	165.945	172.114	153.423	145.991	158.622	168.873	151.532	142.298	160.400	156.715			
136	Т	4.3985	2.8124	2.2745	2.8131	2.3516	2.2376	2.7757	2.3856	2.9531	20.6036			
130	S	162.142	168.491	149.733	147.968	161.495	170.028	151.559	141.045	158.847	156.206			
137	Т	4.2929	2.7519	2.2323	2.8980	2.4130	2.2346	2.7417	2.4515	3.0233	20.7463			
137	S	166.131	172.195	152.564	143.634	157.386	170.256	153.438	137.254	155.159	155.131			
138	T	4.3545	2.7923	2.2534	2.8861	2.4022	2.3076	2.9520	2.3759	2.9826	20.9521			
136	S	163.780	169.704	151.135	144.226	158.094	164.870	142.507	141.621	157.276	153.608			
139	Т	4.2397	2.7334	2.1840	3.0592	2.4988	2.3062	2.8246	2.4138	2.9685	20.9885			
139	S	168.215	173.361	155.938	136.065	151.982	164.970	148.935	139.397	158.023	153.341			
140	Т	4.3387	2.7748	2.2621	2.8771	2.3804	2.2668	2.8168	2.3537	2.9203	20.6520			
140	S	164.377	170.774	150.554	144.677	159.542	167.838	149.347	142.957	160.631	155.840			
141	Т	4.2069	2.7049	2.1892	2.9567	2.4340	2.2656	2.8332	2.4063	2.9634	20.7533			
141	S	169.527	175.187	155.567	140.782	156.028	167.927	148.483	139.832	158.295	155.079			
142	T	4.3332	2.7675	2.2814	2.9629	2.4437	2.3048	2.9182	2.4952	3.0862	21.2599	1		
172	S	164.585	171.224	149.280	140.487	155.409	165.071	144.158	134.850	151.996	151.384			
143	口	4.3801	2.8137	2.2749	2.9917	2.7176	3.4057				44.2689	32.3025		24.7195
143	S	162.823	168.413	149.707	139.135	139.746	111.711	89.937			72.701	30.827		114.921
144	LT						2.5061		2.2334	2.8161	31.9167		19.1636	
	S						151.811	150.399	150.657	166.575	100.837		134.366	4
145	口	4.2189	2.7041	2.1731	2.6475		2.1843	2.6020	2.1148		19.4237			
145	S	169.044	175.239		157.224				159.106	171.145	165.694			
146	ഥ	4.0800	2.6291	2.0812	2.6039	2.2384	2.1393		2.0360	2.6892	18.9252			
1.0	S	174.799	180.238		159.856		177.841	167.729	165.264	174.435	170.059			
147	LI	3.9754	2.5788		2.5788		2.1159		2.0941	2.7288	18.8572			
	S	179.399	183.754		161.412		179.807		160.679	171.904	170.672			
148	I	4.1139	2.6358		2.6161		2.1169	+	2.0627	2.7129	18.9656			
	S	173.359	179.780	160.903	159.111	169.829	179.722		163.125	172.911	169.697			
149	ᄪ	3.9850	2.5888		2.5514	-	2.0972		2.0734	2.7165	18.7243			
	S	178.967	183.044	169.623	163.146		181.411	169.493	162.283	172.682	171.884			
150	I	3.9698	2.5778		2.5690				2.0879	2.7295	18.7693			
	S	179.652	183.825	169.319	162.028		181.083		161.156	171.860	171.471			
151	ፗ	3.9874	2.5874		2.5776		2.1129			2.7365	18.8574			
	S	178.859	183.143	168.648	161.487				160.725	171.420	170.670			
152	T	4.0893	2.6537	2.0605	2.5902		2.1209		2.1934		19.1716			
	S	174.402	178.567	165.284	160.702	170.478	179.384	167.729	153.404	166.516	167.873			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Session: Race

Report:

Section Data Report

Section Data for Car 88 - Herta, Colton (R)

Lap	T/SS	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	4.0770	2.6476	2.0580	2.5897	2.2208	2.1300	2.5974	2.1588	2.7449	19.1472			
153	S	174.928	178.979	165.485	160.733	171.007	178.617	161.963	155.863	170.895	168.087			
154	Т	4.0894	2.6187	2.1230	2.6609	2.2314	2.1416	2.6810	2.2840	2.8014	19.5420			
154	S	174.398	180.954	160.418	156.432	170.195	177.650	156.912	147.319	167.449	164.691			
155	Т	4.0597	2.6364	2.0585	2.6822	2.2745	2.1416	2.5252	2.1114	2.7470	19.1768			
155	S	175.674	179.739	165.445	155.190	166.970	177.650	166.593	159.362	170.765	167.828			
156	Т	4.0690	2.6131	2.1235	2.8636	2.3496	2.1859	2.5737	2.1306	2.7487	19.5887			
130	S	175.272	181.342	160.381	145.359	161.633	174.049	163.454	157.926	170.659	164.299			
157	Т	4.1547	2.6585	2.1614	2.7517	2.3170	2.1674	2.5777	2.2231	2.8078	19.6646			
157	S	171.657	178.245	157.568	151.270	163.907	175.535	163.200	151.355	167.067	163.665			
158	Т	4.0754	2.6251	2.1161	2.8010	2.3205	2.1718	2.6728	2.3468	2.8918	19.9459			
156	S	174.997	180.513	160.941	148.608	163.660	175.179	157.394	143.377	162.214	161.356			
159	T	4.1395	2.6666	2.1329	2.6994	2.2739	2.1478	2.5275	2.1619	2.7977	19.4077			
139	S	172.287	177.703	159.674	154.201	167.014	177.137	166.442	155.640	167.670	165.831			
160	Т	4.0676	2.6400	2.0559	2.6117	2.2451	2.1670	2.5366	2.1770	2.7911	19.2244			
100	S	175.332	179.494	165.654	159.379	169.156	175.567	165.845	154.560	168.067	167.412			
161	T	4.0436	2.6242	2.0537	2.6561	2.2644	2.1474			2.8491	19.4267			
101	S	176.373	180.575	165.832	156.715	167.715	177.170			164.645	165.669			
162	T	4.0980	2.6495			2.2512	2.1364	2.5626	2.2047	2.8034	19.3854			
102	S	174.032	178.850	162.067	155.538	168.698	178.082	164.162	152.618	167.329	166.022			
163	T	4.1726		2.1689			-	2.5858	-		19.5146			
103	S	170.920	177.231	157.023	154.064		177.476		154.376	167.574	164.923			
164	T	4.0375	2.6127	2.0771	2.7046		2.1529	2.5878	2.2020	2.8095	19.4237			
107	S	176.639	181.369		153.904	+				166.966	165.694			
165	T	4.0459	2.6294				2.1600	2.6110	2.3096	2.8496	19.6511			
	S	176.273	180.217		152.255					164.616	163.777			
166	T	4.2411	2.7366					2.6695			20.0123			
	S	168.160	173.158			163.808				163.259	160.821			
167	T	4.1874	2.6834			+		•		2.9002	20.2544	·		
	S	170.316	176.591	156.490		164.689				161.744	158.899			
168	T	4.2834	2.7426						2.4415	2.9624	20.5994			
	S	166.499	172.779			163.350			137.816	158.348	156.238			
169	T	4.2932	2.7475					2.7534		2.9102	20.3237			
	S	166.119		153.009		163.879		152.786			158.357		 	
170	Ҵ	4.2192	2.7184					2.6920		2.8558	19.8763			
<u> </u>	S	169.032	174.317	157.919					148.904	164.259	161.921			
171	T	4.1854								2.8858	19.9604			
	S	170.398	175.981	159.092	158.433	168.878	168.641	152.090	143.603	162.551	161.239			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
172	Т	4.1719	2.6890	2.1432	2.7466	2.3128	2.1835	2.7029	2.2626	2.8191	19.8597			
172	S	170.949	176.223	158.906	151.551	164.205	174.241	155.641	148.713	166.397	162.057			
172	Т	4.1568	2.6705	2.1452	2.7621	2.3145	2.1883	2.7378	2.2918	2.8386	19.9488			
173	S	171.570	177.444	158.758	150.701	164.084	173.858	153.657	146.818	165.254	161.333			
174	T	4.1377	2.6594	2.1370	2.8157	2.3329	2.2114	2.7331	2.2560	2.8124	19.9579			
1/4	S	172.362	178.184	159.367	147.832	162.790	172.042	153.921	149.148	166.794	161.259			
175	T	4.1848	2.6671	2.2028	2.8607	2.3452	2.2149	2.7358	2.3637	2.8781	20.2683			
1/5	S	170.422	177.670	154.607	145.506	161.936	171.771	153.769	142.352	162.986	158.790			
176	T	4.2176	2.6954	2.2111	2.7494	2.3006	2.1968	2.7172	2.2782	2.8590	20.0077			
170	S	169.097	175.805	154.027	151.397	165.076	173.186	154.822	147.694	164.075	160.858			
177	T	4.1587	2.6752	2.1502	2.8071	2.3398	2.1983	2.6681	2.3033	2.8949	20.0369			
1//	S	171.492	177.132	158.389	148.285	162.310	173.068	157.671	146.085	162.040	160.624			
178	LT	4.2223	2.7207	2.1526	2.7289	2.3004	2.2018	2.7098	2.2579	2.8446	19.9167			
178	S	168.908	174.170	158.212	152.534		172.793	155.245	149.022	164.906	161.593			
179	工	4.1362	2.6691	2.1197	2.7837	2.3362	2.2053	2.7028	2.2927	2.8983	20.0078			
1/3	S	172.424	177.537	160.668	149.531	162.560	172.518	155.647	146.760	161.850	160.857			
180	口	4.1842	2.6909	2.1684	2.7186	2.2771	2.1638	2.6340	2.3069	2.9064	19.8661			
100	S	170.446	176.099	157.060	153.112	166.779	175.827	159.712	145.857	161.399	162.005			
181	ഥ	4.2319	2.7197	2.1802	2.7654	2.3068	2.1811	2.6815	2.2508	2.8574	19.9429			
101	S	168.525	174.234	156.210	150.521	164.632	174.432	156.883	149.492	164.167	161.381			
182	ഥ	4.2495	2.7211	2.1973	2.7639		2.1857	2.6542	2.3160	2.8876	20.0353			
102	S	167.827	174.144	154.994	150.602		174.065	158.497	145.284	162.450	160.636			
183	ഥ	4.1863	2.6981	2.1554	2.7848		2.1969	2.7187	2.2836		20.0182			
100	S	170.361	175.629	158.007	149.472		173.178	154.736	147.345		160.774			
184	ഥ	4.1715	2.6787	2.1655	2.7815		2.2056	2.7147	2.2740		19.9983			
	S	170.965	176.901	157.270	149.649		172.495	154.964	147.967	163.834	160.934			
185	፲	4.1824	2.6907	2.1536	2.7417		2.1932	2.6956		3.9639	21.2313			
	S	170.520	176.112	158.139	151.822	164.212	173.470	156.062	135.682	118.341	151.588			
186	T	5.8445	3.7618	3.0901	4.2562	3.3836	3.3075	4.2448	3.8792	4.8184	30.7416			
	S	122.026	125.967	110.213	97.799	112.239	115.028	99.105	86.739	97.354	104.692			
187	T	7.3177	4.9325	3.3650	3.9537	3.4900	3.1872	3.8041	3.4093	4.8236	30.9654			
	S	97.460	96.070	101.209	105.281	108.817	119.370	110.586	98.694	97.249	103.935			
188	T	6.9501	4.4560	3.5993	4.4176	3.6460	3.9006	4.6254	4.3019	6.8933	35.8401			
<u> </u>	S	102.615	106.343	94.621	94.225		97.537	90.950	78.216	68.050	89.799		-	
189	T	10.2299	7.1164	4.3870	5.4631	5.0832	5.1904	5.9443	5.0884	6.6664	44.9392			
	S	69.715	66.588	77.631	76.193	74.711	73.300	70.771	66.126	70.366	71.617			
190	I	10.9225	6.9485	5.4994	5.6139		4.5085	4.7537	4.1452	4.9631	40.9500			
	S	65.295	68.197	61.928	74.146	84.063	84.386	88.496	81.173	94.516	78.593			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

Section Data Report Report: July 20, 2019 INDYCAR **Session:** Race

Section Data for Car 88 - Herta, Colton (R)

La	p T/	SSF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	I	8.7340	5.6078	4.4938	5.7625	4.7973	5.1264	6.6838	5.0558	5.9701	43.4975			
191	S	81.656	84.501	75.786	72.234	79.164	74.215	62.941	66.553	78.573	73.990			
192	,	9.5051	6.7655	3.9457	5.6197	5.0500	4.2243	3.9460	3.4602	4.0496	37.0610			
192	S	75.03 1	70.041	86.314	74.070	75.203	90.063	106.610	97.242	115.836	86.841			
193	, <u> </u>	5.8207	3.7022	3.0705	4.0138	3.5022	3.1883	3.9068	3.3828	4.5213	29.2879			
193	S	122.525	127.995	110.916	103.705	108.438	119.328	107.679	99.467	103.751	109.888			
194	Ţ	6.4164	4.3142	2.9873	3.7040	3.1753	2.7349	3.4197	3.1287	4.1845	27.6486			
194	S	111.150	109.838	114.005	112.379	119.602	139.111	123.017	107.545	112.102	116.404			
195	, Т	7.4221	4.4523	4.3123	5.5717	4.7561	4.7744	5.6509	4.1909	5.0759	38.7845			
195	S	96.089	106.431	78.976	74.708	79.850	79.686	74.445	80.288	92.415	82.982			
196		8.8997	5.6546	4.5447	5.3065	4.7740	5.1346	4.9074			56.5002	32.6764		36.6947
190	S	80.135	83.801	74.937	78.442	79.550	74.096	85.724			56.963	30.474		77.417
197	, т	'					3.1325	3.4860	2.8755	3.6989	36.0574		23.1865	
197	S						121.454	120.678	117.015	126.819	89.258		111.054	
198	,т	6.7365	4.2592	3.6112	5.1201	4.9640	5.2654	4.8879	3.9574	5.9636	38.0288			
130	S	105.868	3 111.256	94.309	81.297	76.505	72.256	86.066	85.025	78.659	84.631			
199	_ T	9.2508	6.7316	3.4850	4.1195	3.3478	3.3895	4.5891	2.7385	2.9722	31.3732			
199	S	77.094	70.394	97.724	101.044	113.439	112.245	91.670	122.869	157.826	102.584			
200	, T	4.5555	2.8100	2.5053	3.1496	2.5066	2.3108	2.7585	2.2264	2.7674	21.0346			
200	S	156.554	168.635	135.939	132.160	151.509	164.642	152.504	151.131	169.506	153.005			
201	T	4.1316	2.6480	2.1475	2.7125	2.2353	2.2136	2.6678	2.2162	2.8185	19.6594			
201	S	172.616	178.952	158.588	153.456	169.898	171.871	157.689	151.826	166.433	163.708			
202	,	4.1310	2.6483	2.1469	2.6993	2.2418	2.1918	2.6091	2.2452	2.8303	19.6127			
202	S	172.641	178.931	158.633	154.207	169.405	173.581	161.236	149.865	165.739	164.098			
203	, <u> </u>	4.0527	7 2.6424	2.0409	2.6180	2.2274	2.1239	2.5446	2.1630	2.7494	19.1096			
203	S	175.977	7 179.331	166.872	158.995	170.500	179.130	165.323	155.560	170.616	168.418			
204	т	4.0312	2.5981	2.0695	2.5794	2.2077	2.1221	2.5578	2.1055	2.7311	18.9712			
204	S	176.916	182.389	164.565	161.375	172.022	179.282	164.470	159.809	171.759	169.647			
205	т	3.9730	2.5538	2.0555	2.6001	2.2310	2.1278	2.5476	2.1100	2.7685	18.9943			
203	S	179.507	7 185.552	165.686	160.090	170.225	178.802	165.129	159.468	169.439	169.440			
206	<u> </u>	4.0011	2.6036	2.0185	2.5611	2.2067	2.0924	2.5119	2.1851	2.7911	18.9704			
	S	178.246				172.100		167.476		168.067	169.654			
207	,т	4.0131	2.6166	2.0175	2.6101	2.2355	2.1078	2.5259	2.1314	2.7586	19.0034			
	S	177.713	181.099	168.807	159.477	169.883	180.498	166.547	157.867	170.047	169.359			
208	,	4.0088	2.6017	2.0353	2.6232	2.2430	2.1082	2.5200	2.1683	2.7751	19.0748			
	S	177.904	182.136	167.331	158.680	169.315	180.464	166.937	155.180	169.036	168.725			
209	<u> </u>	4.0135	2.6074	2.0323	2.6310	2.2441	2.1213	2.5446	2.2220	2.8117	19.2144			
209	S	177.696	181.738	167.578	158.210	169.232	179.350	165.323	151.430	166.835	167.499			

TAG

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



TAG

Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
210	Т	4.0296	2.6228	2.0397	2.7151	2.2935	2.1478	2.5632	2.2760	2.8410	19.4991			
210	S	176.986	180.671	166.970	153.309	165.587	177.137	164.124	147.837	165.115	165.054			
211	T	4.3028	2.7932	2.1653	2.6656	2.2654	2.1519	2.6144	2.1790	2.7874	19.6222			
211	S	165.748	169.649	157.285	156.156	167.640	176.799	160.910	154.418	168.290	164.018			
212	Т	4.0133	2.5936	2.0692	2.7205	2.2886	2.1428	2.5599	2.2121	2.8093	19.3960			
212	S	177.705	182.705	164.589	153.005			164.335	152.108	166.978	165.931			
213	Т	4.0443	2.6260	2.0636	2.6659	2.2540	2.1666	2.6300	2.1571	2.7809	19.3441			
213	S	176.342	180.451	165.036	156.139	168.488	175.600	159.955	155.986	168.683	166.376			
214	Т	4.1247	2.6642	2.1125	2.6597	2.2551	2.1279	2.5718	2.2327	2.8168	19.4407			
214	S	172.905	177.863	161.216	156.503	168.406	178.793	163.575	150.704	166.533	165.550			
215	Т	4.0275	2.6268	2.0310	2.6456	2.2529	2.1610	2.6367	2.2021	2.8037	19.3598			
213	S	177.078	180.396	167.685	157.337	168.571	176.055			167.311	166.241			
216	Т	4.1113	2.6457	2.1286	2.7462	2.3015	2.1692	2.6575	2.2507	2.8357	19.7351			
210	S	173.469	179.107	159.996	151.573		175.389	158.300	149.499	165.423	163.080			
217	Т	4.0999	2.6576	2.0888	2.6698	2.2555	2.1580	2.6540	2.2429	2.8357	19.5623			
217	S	173.951	178.305	163.045	155.911	168.376	176.300	158.509	150.019	165.423	164.521			
218	T	4.1059	2.6564	2.0971	2.6662			2.6175	2.3221	2.8925	19.6593			
210	S	173.697	178.386	162.400	156.121	167.759	177.476	160.719	144.902	162.175	163.709			
219	T	4.1740	2.7077	2.1110			2.1555	2.5703	2.2292	2.8126	19.5982			
	S	170.863	175.006	161.330	152.898	165.876	176.504	163.670	150.941	166.782	164.219			
220	T	4.0417	2.6233				2.2119		2.2625		19.7318			
	S	176.456	180.636						148.719	165.173	163.107			
221	T	4.0831	2.6537		+				2.2646		19.7660			
	S	174.667	178.567	163.656	+	+	•	158.312		164.541	162.825	·		
222	T	4.1433	2.6695				2.1777	2.6626	2.1941	2.7933	19.7144			
	S	172.129	177.510				174.705		153.355		163.251			
223	T	4.1151	2.6484			-					19.7866			
	S	173.309	178.924				175.535		145.397	161.772	162.656			
224	ፗ	4.1674	2.6939	•	•	•	2.1584	•	2.2349		19.7349	·		
	S	171.134	175.902	159.382		167.367	176.267	157.695	150.556	166.138	163.082			
225	T	4.1366	2.6698						2.2808		19.8497			
	S	172.408	177.490	159.494			174.601	158.377	147.526		162.138			
226	T	4.0984	2.6624		+				2.3141	2.8929	19.6757			
	S	174.015	177.984		+	•	177.418			162.152	163.572	•		
227	T	4.1057	2.6724							2.8630	19.6230			
	S	173.705	177.318				177.600				164.012			
228	T	4.0852	2.6518								19.7193			
	S	174.577	178.695	163.507	149.172	162.755	174.568	160.168	151.103	165.868	163.211			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
220	Т	4.0602	2.6360	2.0708	2.7272	2.2958	2.1812	2.6365	2.2945	2.8810	19.7230			
229	S	175.652	179.766	164.462	152.629	165.421	174.424	159.561	146.645	162.822	163.180			
230	Т	4.1123	2.6707	2.0830	2.7129	2.2969	2.1536	2.6466	2.3074	2.8588	19.7299			
230	S	173.427	177.431	163.499	153.434	165.341	176.660	158.952	145.825	164.087	163.123			
231	Т	4.0851	2.6504	2.0831	2.8068	2.3720	2.1818	2.6253	2.2131	2.8329	19.7654			
231	S	174.581	178.789	163.491	148.301	160.107		160.241	152.039	165.587	162.830			
232	Т	4.0731	2.6428	2.0811	2.8265	2.3655	2.2018	2.6594	2.2228	2.8367	19.8366			
232	S	175.096	179.304	163.648	147.267	160.546	172.793	158.187	151.375	165.365	162.246			
233	T	4.0685	2.6429	2.0705	2.8288	2.3632	2.1838	2.6550	2.2513	2.8564	19.8519			
233	S	175.294	179.297	164.486	147.147	160.703	174.217	158.449	149.459	164.225	162.121			
234	Т	4.1031	2.6566	2.1051	2.8554	2.3757	2.2121	2.6754	2.2810	2.8880	20.0493			
234	S	173.815	178.372	161.782	145.776		171.988	157.241	147.513	162.428	160.524			
235	T	4.2084	2.6984	2.1814	2.7396	2.2985	2.1841	2.6948	2.3188	2.8961	20.0117			
233	S	169.466	175.609	156.124	151.938			156.109	145.108	161.973	160.826			
236	ፗ	4.2152	2.6994	2.2061	2.8337	2.3364	2.1856	2.6776	2.3027	2.8790	20.1205			
250	S	169.193	175.544			-		-	-	162.935	159.956			
237	I	4.2049	2.6939								19.8818			
237	S	169.607	175.902	155.881	152.160		+			163.429	161.877			
238	I	4.2071	2.7040		•			·		2.9257	20.1347			
	S	169.519	175.245		149.097					160.335	159.843			
239	I	4.3930	2.7852	2.3308						3.0645	20.8657			
	S	162.345	170.136							153.073	154.244			
240	I	4.4489	2.8696		2.8001	2.3596				2.8948	20.4375			
	S	160.305	165.132	+	148.655					162.046	157.475			
241	T	4.2234	2.7165		2.8482					2.9037	20.3613			
	S	168.864	174.439		146.145	-	170.715		-	161.549	158.065			
242	I	4.2305	2.7131			-				2.8682	20.0741			
	S	168.581	174.658	155.831	150.711	163.477	172.159			163.549	160.326			
243	I	4.2357	2.7181	2.1878	•					3.3673	21.3463			ļ
	S	168.374	174.336	155.667	149.322	161.420				139.308	150.771			
244	T	4.4623	2.8863	2.2466						2.9084	20.5216			
	S	159.824	164.177	151.593	149.526			153.859	144.479	161.288	156.830	24.4000		217122
245	ᄑ	4.2057	2.7101	2.1762							42.9246	31.1902		24.5109
<u> </u>	S	169.575	174.851	156.497	145.920	152.746		0.05.		2.22	74.978	31.927	10.10	115.899
246	T						2.4970			2.8814	32.2727		19.4962	\vdash
<u> </u>	S	4.000=	2.65:-	2.25.15	2.0722	2.2515	152.365			162.800	99.725	\vdash	132.074	\vdash
247	I	4.2085									19.9962			\vdash
L	S	169.462	177.364	152.448	144.843	160.608	172.440	157.470	153.467	168.629	160.951			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	4.0405	2.6285	2.0329	2.5948	2.2220	2.1427	2.6009	2.1423	2.7720	19.1361			
248	S	176.508	180.279	167.528	160.417	170.915	177.558	161.745	157.064	169.225	168.185			
249	Т	4.0560	2.6205	2.0760	2.7265	2.3400	2.1914	2.6211	2.1773	2.7721	19.5249			
249	S	175.834	180.829	164.050	152.668	162.296	173.613	160.498	154.539	169.219	164.836			
250	Т	4.0169	2.6112	2.0278	2.5667	2.2200	2.1180	2.5102	2.0896	2.7388	18.8823			
250	S	177.545	181.474	167.950	162.173	171.069	179.629	167.589	161.025	171.276	170.445			
251	T	4.0659	2.6180	2.0903	2.6952	2.2822	2.1573	2.5530	2.1137	2.7444	19.2541			
251	S	175.406	181.002	162.928	154.441	166.406	176.357	164.779	159.189	170.927	167.154			
252	Т	4.0686	2.6108	2.1169	2.7440	2.3589	2.2066	2.6496	2.1819	2.7639	19.6326			
252	S	175.289	181.501	160.881	151.695	160.996	172.417	158.772	154.213	169.721	163.931			
253	Т	4.0396	2.6176	2.0469	2.5912	2.2328	2.1312	2.4969	2.1023	2.7506	18.9695			
255	S	176.548	181.030	166.382	160.640	170.088	178.517	168.482	160.052	170.541	169.662			
254	Т	4.0156	2.6109	2.0207	2.5802	2.2225	2.1106	2.5047	2.1045	2.7391	18.8932			
254	S	177.603	181.494	168.540	161.325	170.876	180.259	167.957	159.885	171.257	170.347			
255	Т	4.0416	2.6111	2.0658	2.6841	2.2725	2.2237	2.6801	2.2731	2.8545	19.6649			
255	S	176.460	181.480	164.860	155.080	167.117	171.091	156.965	148.026	164.334	163.662			
256	T	4.1203	2.6703	2.0704	2.5867	2.2329	2.1416	2.6013	2.1593	2.7813	19.2438			
230	S	173.090	177.457	164.494	160.919	170.080	177.650			168.659	167.243			
257	I	4.1122	2.6465					2.5863	2.1657	2.7788	19.1742			
237	S	173.431	179.053	163.248	162.142	171.285	178.928	162.658	155.367	168.811	167.851			
258	I	4.0954	2.6390		-	2.2481	2.1832	-		2.8074	19.4544			
230	S	174.142	179.562		158.318	168.931	174.265			167.091	165.433			
259	T	4.0919			2.6411	2.2464					19.2803			
233	S	174.291	179.188			169.058		·		169.255	166.927			
260	ፗ	4.1330	2.6663		2.5979					2.8032	19.2469			
	S	172.558	177.723							167.341	167.217			
261	T	4.0777	2.6335			2.2338				2.8017	19.2755			
	S	174.898	179.937		159.967	170.012	178.416			167.431	166.968			
262	I	4.0895	2.6467		-	2.2394			 		19.4786			
	S	174.393	179.039		158.892	169.587	179.215			163.156	165.227			
263	T	4.1806	2.6922			3.2705	3.4133	3.9463		3.8766	25.5417			
	S	170.593	176.014		143.396	116.121	111.462			121.006	126.006			
264	T	6.1172	3.9155		4.0584		4.2158			3.9541	31.9291			
	S	116.586	121.023	107.083	102.565	67.308	90.245			118.634	100.798			
265	T	6.1546	3.9767		5.2566	6.6316	3.8169			4.1466	33.7378			
	S	115.878	119.160		79.186		99.676			113.127	95.394			
266	T	6.0518	4.0012				4.3210			6.7928	37.7700			
	S	117.846	118.430	115.298	88.772	55.034	88.048	97.651	88.465	69.057	85.210			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 88 - Herta, Colton (R)

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	- ар	PI to PO	PO to SF	SF to PI
267	Т	9.1819	6.2912	4.1217	6.6836	7.7629	5.5261	5.4116	4.2855	7.1618	47.2444	+		
207	S	77.673	75.322	82.628	62.279	48.922	68.847	77.737	78.515	65.499	68.122			
268	Т	10.1337	7.0648	4.3271	6.5209	8.0907	6.1137	6.3191	4.4826	5.8752	48.7941			
200	S	70.377	67.074	78.706	63.833	46.939	62.230	66.573	75.063	79.843	65.959)		
269	Т	10.9437	7.5441	4.7504	5.3127	6.5357	5.3667	5.0485			66.2993	38.7254		40.3405
209	S	65.168	62.812	71.693	78.350	58.107	70.892	83.328			48.543	25.714		70.420
270	Т						3.0968	3.4587	2.8607	3.8745	36.4019)	23.6353	
270	S						122.854	121.630	117.621	121.071	88.413	i e	108.945	
271	Т	8.5425	5.8978	3.7868	5.6908	6.3830	4.8990	5.5113	4.6790	8.1434	44.9911			
2/1	S	83.486	80.346	89.936	73.144	59.498	77.660	76.331	71.912	57.604	71.534			
272	Т	10.5888	7.4492	4.3475	5.4220	5.8234	5.6618	5.1476	4.3539	7.3604	45.5658	6		
2/2	S	67.352	63.613	78.337	76.771	65.215	67.197	81.724	77.282	63.732	70.632			
273	Т	10.6511	8.2234	3.3814	4.5812	5.3766	6.3261	4.3261	3.7742	6.1947	42.1837	<u>'</u>		
2/3	S	66.959	57.624	100.718	90.860	70.634	60.140	97.243	89.152	75.725	76.295	i		
274	Т	8.3961	6.3271	2.9942	4.3128	4.7465	3.6155	3.7439	2.8081	3.0241	31.5722			
2/7	S	84.942	74.894	113.743	96.515	80.011	105.229	112.365	119.824	155.118	101.938	S Comments		
275	T	4.5314	2.8444	2.4083	2.9327	2.7111	3.3535	5.0110			47.8719	35.2893		25.4692
2/3	S	157.387	166.595	141.414	141.934	140.081	113.450	83.952			67.229	28.218		111.538
276	Т										172.0730			
	S										18.704			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

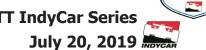
Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	10.3321	6.9359	4.7264	5.4368	5.5748	4.9561	5.3295	4.0705	4.2302	41.2602	!	34.2751	
1	S	69.026	68.320	72.057	76.562	68.123	76.765	78.935	82.662	110.891	78.003	1	75.126	5
2	Т	7.0419	4.5526	3.5168	4.5691	4.5387	4.0580	4.0168	3.0718	3.1881	31.5119)		
2	S	101.277	104.086	96.840	91.101	83.674	93.754	104.731	109.537	147.138	102.133	1		
3	Т	4.6391	2.9156	2.4663	2.9826	2.3942	2.2304	2.8579	2.2556	2.8147	20.9173			
3	S	153.733	162.527	138.089	139.559	158.622	170.577	147.200	149.174	166.658	153.863			
4	T	4.3981	2.7673	2.3409	2.8233	2.2947	2.1752	2.5850	2.1729	2.7554	19.9147	1		
-	S	162.157	171.237	145.486	147.434	165.500	174.906	162.740	154.852	170.244	161.609			
5	T	4.1181	2.6152	2.1656	2.6718	2.2412	2.1496	2.6139	2.0924	2.6671	19.2168			
	S	173.182	181.196	157.263	155.794	169.451	176.989	160.940	160.809	175.881	167.478			
6	Т	4.0992	2.6095			2.2161	2.1467	2.5809	2.0525	2.6488	19.0361			
-	S	173.981	181.592	158.633					163.935		169.068			
7	T	4.0430		2.0939			2.1075	2.5223	2.0384		18.7580			
	S	176.399	183.157	162.648		173.341	180.524		165.069		171.575			
8	ፗ	4.1165	2.6170	2.1445	2.5916	2.1971	2.1478	2.6322	2.1160	2.6792	19.1254			
	S	173.250		158.810			177.137		159.016		168.279			
9	I	4.1183		2.1464			2.1735				19.3680			
	S	173.174				169.693	175.042		156.181	172.137	166.171			
10	I	4.1107	2.6239		+	•		2.6263			19.2929			
	S	173.494			156.074		176.291	160.180			166.818			
11	T	4.0541	2.5973				2.1353			2.7384	19.2699			
	S	175.916				171.092	178.174			171.301	167.017			
12	ፗ	4.0629					2.1792				19.3826			
	S	175.535	181.307	162.253	•	168.908	174.585				166.046			
13	ፗ	4.0979					2.1795				19.4814			
	S	174.036	180.671	159.577	154.826		174.560		153.664	-	165.204			
14	ፗ	4.0980					2.1653				19.4600			
	S	174.032	180.760				175.705			170.579	165.385			
15	듸	4.1098		+	+		2.1744	+	2.1915	+	19.4640		+	
	S	173.532	179.950						153.537		165.351			-
16	I	4.0872	2.6198			2.5051	2.6002		3.7198		24.8176		+	-
	S	174.492	180.878		145.873	151.600	146.317		90.456		129.682		+	-
17	T	6.0281	3.9340	3.0281	3.9289	3.6414	3.1699		2.9173		28.2508		+	-
	S	118.310	120.453	112.469	105.946	104.293	120.021	121.718	115.339	112.357	113.922		+	-
18	T	7.9233	5.2322	3.7824	5.3239	4.9479	4.4628		4.6825	6.7493	40.3736		+	-
	S	90.011	90.567	90.040		76.754	85.250		71.858	69.502	79.715		+	-
19	T	9.4485	6.5305	4.1440		4.3798	4.4446		4.2901	5.5273	39.4245		+	-
	S	75.481	72.562	82.183	70.869	86.710	85.599	99.342	78.431	84.868	81.635			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG

Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	10.1974	7.2031	4.3833	6.5935	6.0802	3.8757	4.1332	3.2580	5.9487	41.4757			
20	S	69.938	65.786	77.697	63.130	62.461	98.164	101.781	103.277	78.856	77.597			
21	Т	8.5381	5.7011	3.8870	5.2270	4.9988	4.3130	4.8648	4.4019	5.5659	38.9595			
21	S	83.529	83.118	87.617	79.635	75.973	88.211	86.475	76.439	84.279	82.609			
22	Т	9.3178	6.1229	4.7278	5.6235	4.6085	4.2784	4.9943	3.7305	6.4546	40.5405			
	S	76.540	77.392	72.035	74.020	82.407	88.924	84.232	90.196	72.675	79.387			
23	Т	7.6150	5.0292	3.9953	5.4931	4.6988	4.7641	4.7760	4.4290	5.9897	39.1752			
	S	93.655	94.222	85.242	75.777	80.823	79.859	88.082	75.971	78.316	82.154			
24	Т	7.0299	4.9208	3.1703	5.0780	3.1643	2.9026	3.1112	2.3033	2.8128	27.4633			
	S	101.450	96.298	107.425	81.971	120.018	131.074	135.215	146.085	166.770	117.189			
25	T	4.3711	2.7882	2.2709	2.7683		2.2275	2.7735	2.2621	2.8411	20.1890			
	S	163.158	169.953	149.971	150.363	168.235	170.799	151.679	148.746	165.109	159.414			
26	T	4.2939	2.7237	2.2455	2.7660	2.3139	2.1782	2.6113	2.2019	2.7714	19.8119			
20	S	166.092	173.978	151.667	150.488		174.665	161.101	152.812	169.261	162.448			
27	Т	4.1534	2.6378	2.1831	2.6964	2.2376	2.1459	2.5935	2.1698	2.7457	19.4098			
	S	171.710	179.644	156.002	154.372	169.723	177.294	162.206	155.073	170.846	165.813			
28	T	4.1606	2.6412	2.2003	2.7571	2.2721	2.2075	2.7783	2.2476	2.7655	19.8696			
	S	171.413	179.412	154.783	150.974	167.146	172.346	151.417	149.705	169.622	161.976			
29	I	4.2731	2.7011	2.2574	2.7507	2.2659	2.1965	2.7042	2.2183	2.7627	19.8568			
	S	166.900	175.434	150.867	151.325	167.603	173.209	155.566	151.682	169.794	162.080			
30	I	4.1897	2.6800	2.1768	2.7091	2.2499		2.6452	2.2026	2.7592	19.5742			
	S	170.223	176.815	156.454	153.649		176.840	159.036	152.764	170.010	164.421			
31	I	4.0977	2.6301	2.1273	2.7080		2.1527	2.6666	2.2451	2.7878	19.5603			
	S	174.044	180.169	160.094	153.711	169.337	176.734	157.760	149.872	168.266	164.537			
32	T	4.0901	2.6333	2.1143	2.7137		2.1466	2.6541	2.2264	2.7770	19.5185			
	S	174.368	179.950	161.078	153.388			158.503	151.131	168.920	164.890			
33	T	4.1081	2.6364	2.1413	2.7496			2.8003	2.2868	2.8306	19.9524			
<u> </u>	S	173.604	179.739	159.047	151.386		169.967	150.227	147.139	165.721	161.304		ļ	
34	I	4.3203	2.7468	2.2675	2.8089		2.2055	2.7929	2.3032	2.8337	20.2547		ļ	_
<u> </u>	S	165.077	172.515	150.195	148.190		172.503	150.625	146.091	165.540	158.896		-	
35	T	4.2449	2.6941	2.2406	2.8218		2.2290	2.8139		2.8188	20.2380		-	
<u> </u>	S	168.009	175.889	151.999	147.512		170.684	149.501	145.560	166.415	159.028		-	
36	I	4.4714	2.8666	2.2994	2.8033		2.2271	2.8348	2.3601	2.9097	20.6011			
<u> </u>	S	159.499	165.305	148.112	148.486		170.830	148.399	142.569	161.216	156.225		-	
37	그	4.4222	2.7857	2.3471	2.8488			2.8066	2.3178	2.8567	20.5276		-	
	S	161.273	170.106	145.102	146.114			149.890	145.171	164.207	156.784		-	
38	I	4.3003	2.7308		2.8174			2.7442	2.2452	2.7902	20.0820			
	S	165.845	173.526	150.541	147.743	165.630	173.013	153.299	149.865	168.121	160.263			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т	4.1224	2.6451	2.1471	2.7473	2.2736	2.1896	2.7234	2.2528	2.8075	19.7864			
39	S	173.002	179.148	158.618	151.512	167.036	173.755	154.469	149.360	167.085	162.657			
40	Т	4.1212	2.6460	2.1519	2.7704	2.2777	2.1893	2.7384	2.2438	2.7873	19.8048			
40	S	173.052	179.087	158.264	150.249	166.735	173.779	153.623	149.959	168.296	162.506			
44	Т	4.1780	2.6677	2.1873	2.8114	2.2986	2.2413	2.8645	2.3790	2.9053	20.3551			
41	S	170.699	177.630	-		165.219	-	146.860	-	161.460	158.113			
42	Т	4.2956	2.7123	-		2.3379	2.2236	2.8707	2.3489	2.8784	20.5744			
42	S	166.026	174.709	148.170	143.332	162.442	171.098	146.543	143.249	162.969	156.427			
42	T	4.4796	2.8483	2.3410	2.8787	2.3316	2.2239	2.8195	2.2977	2.8173	20.5580			
43	S	159.207	166.367	145.480		162.881	171.075	149.204	146.441	166.504	156.552			
44	Т	4.2081	2.6784	2.2090	2.7854	2.2841	2.1959		2.2530	2.7897	19.9363			
44	S	169.478	176.920		-	166.268		153.489	-	168.151	161.434			
45	Т	4.1309	2.6477	2.1589		2.2697	2.1782	2.7177	2.2299	2.7855	19.7429			
45	S	172.646	178.972	157.751	151.072	167.323	174.665	154.793	150.893	168.405	163.016			
46	Т	4.0881	2.6245		2.7678	2.2794	2.1995			2.8109	19.8417			
46	S	174.453	180.554	159.621	150.390	166.611	172.973	152.559	148.326	166.883	162.204			
47	Т	4.1999	2.6837	2.1897	2.7532	2.2767	2.1834	2.7428	2.2847	2.8185	19.9327			
47	S	169.809	176.571	155.532	151.188	166.808	174.249	153.377	147.274	166.433	161.463			
48	Т	4.1897	2.6782	2.1879	2.7384	2.2699	2.2090	2.7959	2.2941	2.8237	19.9971			
48	S	170.223	176.934	155.660	152.005	167.308	172.229	150.464	146.671	166.126	160.943			
49	Т	4.1837	2.6732	2.1865	2.7533	2.2672	2.2474	2.8211	2.3277	2.8928	20.1692			
49	S	170.467	177.265	155.760	151.182	167.507	169.287	149.120	144.554	162.158	159.570			
Ε0	Т	4.2569	2.7133	2.2245	2.7657	2.2736	2.2244	2.8135	2.2800	2.8398	20.1348			
50	S	167.535	174.645	153.099	150.504	167.036	171.037	149.523	147.578	165.184	159.843			
51	Т	5.3410	3.3229	2.9494	4.2747	3.5068	3.0656	3.7778	3.1304	4.3015	28.3291			
21	S	133.530	142.605	115.470	97.375	108.296	124.104	111.356	107.487	109.053	113.608			
52	Т	6.3479	4.0811	3.2387	4.0557	3.1968	3.2491	3.8739	3.1244	4.8259	29.6456			
32	S	112.349	116.112	105.156	102.633	118.798	117.095	108.594	107.693	97.203	108.562			
53	Т	7.6192	4.7948		4.8134	5.5089	5.8679	5.9889	4.3569	6.3799	41.7706			
55	S	93.603	98.829	83.886	86.477	68.938	64.837	70.244	77.229	73.526	77.049			
54	Т	9.4069	6.0174			5.9433	5.0278			6.8197	43.3155			
3 -4	S	75.815	78.749	72.110	76.472	63.899	75.670	80.919	81.228	68.785	74.301			
55	Т	10.2370	6.6411	5.0366	6.0581	6.1790	6.4269	8.1283			71.6712	1647.1793		52.269
33	S	69.667	71.353	67.619	68.710	61.462	59.197	51.755			44.905	0.605		54.3
56	Т						4.3956	3.9890	3.0334	4.8199	1654.2184		26.4408	
30	S						86.553	105.460	110.924	97.324	1.946		97.385	
57	Т	8.0655	5.3300	4.0516	4.4697	4.0104	4.5289	5.1822	4.2958	5.5212	37.3898			
5/	S	88.424	88.905	84.058	93.127	94.697	84.006	81.178	78.327	84.962	86.077			

Track: Iowa Speedway 0.894 mile(s)

Section Data Report

Race

NTT IndyCar Series

July 20, 2019

IndyCar Series
July 20, 2019

Section Data for Car 9 - Dixon, Scott

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
58	Т	6.9393	4.7474	3.1115	3.7492	4.0485	3.9689	4.4835			38.5854	30.8011		30.9823
36	S	102.774	99.815	109.455	111.024	93.806	95.859	93.829			83.410	32.330)	91.691
F0	Т						3.3934	3.8020	3.1139	4.3003	48.0788		24.8808	
59	S						112.116	110.648	108.057	109.083	66.940		103.491	
60	Т	6.1218	4.0389	2.9307	3.3180	3.1905	3.2300	3.8375	3.9341	6.5261	31.0058			
00	S	116.499	117.325	116.207	125.452	119.032	117.788	109.624	85.528	71.879	103.800			
61	T	10.3477	7.8961	3.4467	5.1775	5.3653	5.0634	5.9599	4.2159	5.2952	42.4200			
61	S	68.922	60.012	98.810	80.396	70.783	75.138	70.585	79.811	88.588	75.870			
62	T	7.8046	5.1853	3.6247	4.3068	3.9215	4.3123	4.7309	3.8875	5.2481	35.2171			
02	S	91.380	91.386	93.958	96.649	96.844	88.225	88.922	86.554	89.383	91.387			
63	T	8.9278	6.5453	3.3425	5.1409	5.2360	5.9007	5.1726		6.5645	42.3952			
0.5	S	79.883	72.398	101.890	80.968	72.531	64.476	81.329	74.894	71.459	75.914			
64	T	8.2710	5.6998	3.8476	5.5713	4.8483	5.2182	4.9786	4.3254	5.2562	39.7454			
04	S	86.227	83.137	88.514	74.713	78.331	72.909	84.498	77.791	89.245	80.975			
65	T	6.6351	4.3281	3.2745	4.2762	3.5038	4.2405	4.7984	2.8003	3.0862	30.3080			
	S	107.486	109.485	104.006	97.341	108.389	89.719		120.158		106.190			
66	工	4.6882	2.9786		2.8350	2.3301	2.2104			2.7739	20.4779			
	S	152.123	159.089	140.429	146.825	162.986	172.120				157.165			
67	ഥ	4.1753	2.6602	2.1753		2.2459					19.2615			
	S	170.810	178.131	156.561	157.040	169.096					167.090			
68	Т	4.0636	2.5869		-	2.2342			-					
	S	175.505	183.178		157.641	169.982	177.567	163.836			169.580			
69	ഥ	4.0324	2.5930			2.1616		2.5426			18.8783			
	S	176.863	182.747	163.530		175.691	176.693	165.453			170.481			
70	ഥ	4.0499	2.5849		-	2.1794	-	-		2.6475	18.9115		ļ	
/*	S	176.099	183.320		160.758	174.256		163.849			170.182			
71	I	4.0106	2.5894	2.0500	2.6006	2.1836					18.9007			
<u> </u>	S	177.824	183.001	166.131	160.059			163.467			170.279		ļ	
72	I	4.1833	2.6899		2.7096			•			19.3795		ļ	
	S	170.483	176.164	157.517	153.620	169.549		163.996			166.072			
73	T	4.0061	2.5712	2.0803	2.6429		2.1437	2.5962		2.7679	19.2130			
<u> </u>	S	178.024	184.297	163.711	157.497	171.447	177.476	-			167.512			
74	T	4.0308	2.5930			2.2083		2.5783			19.0266		-	
	S	176.933	182.747	163.609	158.168	171.975				174.773	169.153			
75	I	4.1158	2.6036		2.6854	2.2370					19.4554		-	
<u> </u>	S	173.279	182.003	156.461	155.005	169.769			-		165.425		-	
76	그	4.0575	2.6064		2.6711	2.2300					19.2713			
	S	175.769	181.808	162.160	155.835	170.302	178.040	160.126	155.030	171.885	167.005			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	4.0306	2.5902	2.0975	2.6753	2.2357	2.1570	2.6526	2.2369	2.7759	19.4211			
"	S	176.942	182.945	162.369	155.590	169.867	176.381	158.592	150.421	168.987	165.717			
78	Т	4.0815	2.6102	2.1443	2.7158	2.2544	2.1767	2.7114	2.2129	2.7782	19.6039			
/8	S	174.735	181.543	158.825	153.270	168.458	174.785	155.153	152.053	168.847	164.171			
79	Т	4.0627	2.6055	2.1269	2.7417	2.2610	2.1641	2.7035	2.1900	2.7334	19.5261			
/9	S	175.544	181.871	160.124	151.822	167.967	175.803	155.606	153.643	171.614	164.826			
80	Т	4.1064	2.6168	2.1599	2.7674	2.2782	2.1783	2.7423	2.2345	2.7688	19.7462			
80	S	173.676	181.085	157.678	150.412	166.699	174.657	153.405	150.583	169.420	162.988			
81	Т	4.3184	2.7558	2.2418	2.7390	2.2625	2.1720	2.7246	2.2094	2.7650	19.8701			
01	S	165.150	171.951	151.917	151.972	167.855	175.163	154.401	152.294	169.653	161.972			
82	T	4.1115	2.6361	2.1461	2.7269		2.1782	2.7624	2.3065	2.8570	19.8696			
62	S	173.460	179.759	158.692	152.646	168.309	174.665	152.289	145.882	164.190	161.976			
83	T	4.3145	2.7428	2.2509	2.7679	2.2740	2.2469	2.8427	2.2472	2.7902	20.1626			
65	S	165.299	172.766	151.303	150.385		169.324	147.987	149.732	168.121	159.622			
84	Т	4.1875	2.6629	2.2060	2.7785	2.2836	2.1825	2.7709	2.3348	2.8932	20.1124			
	S	170.312	177.950	154.383	149.811	166.304	174.321	151.821	144.114	162.136	160.021			
85	T	4.2163	2.6959	2.1947	2.7414	2.2634	2.1740	2.7325	2.2451	2.7983	19.8453			
	S	169.149	175.772	155.178	151.838		175.002	153.955	149.872	167.634	162.174			
86	口	4.1323	2.6513	2.1470	2.7013	2.2368	2.1537	2.7083	2.2280	2.7719	19.5983			
	S	172.587	178.729	158.625	154.092		176.652	155.331	151.022	169.231	164.218			
87	工	4.0470	2.6070	2.1087	2.7472		2.2095	2.7673	2.2856	2.8166	19.8045			
	S	176.225	181.766	161.506	151.518		172.190	152.019		166.545	162.509			
88	工	4.1611	2.6636	2.1823	2.7638		2.1861	2.7559		2.8117	19.9092			
	S	171.393	177.903	156.059	150.608		174.033	152.648	147.701	166.835	161.654			
89	ፗ	4.1915	2.6820	2.1992	2.7833		2.2036	2.7876		2.8206	20.0415			
	S	170.150	176.683	154.860	149.553		172.651	150.912	147.036	166.309	160.587			
90	I	4.2200	2.6846	2.2150	2.7520		2.1978	2.7965		2.8829	20.0845			
<u> </u>	S	169.000	176.512	153.755	151.254		173.107	150.432	146.498	162.715	160.243			
91	T	4.3190	2.7457	2.2596	2.7695	+	2.2054	2.7930		2.8509	20.2186			
<u> </u>	S	165.127	172.584	150.721	150.298		172.510	150.620	147.591	164.541	159.180			
92	T	4.2136	2.6998	2.1950	2.7633		2.1984	2.7615		2.8035	19.9521			+
_	S	169.257	175.518	155.156	150.635		173.060	152.338	149.115	167.323	161.306			
93	T	4.1278	2.6511	2.1405	2.7077		2.1673	2.7010			19.6078			
<u> </u>	S	172.775	178.742	159.107	153.728	+	175.543	155.750	151.737	169.194	164.139			
94	I	4.0287	2.6072	2.0832	2.7351		2.1829	2.7372	2.2350		19.6382			
<u> </u>	S	177.025	181.752	163.483	152.188		174.289	153.691	150.549	167.521	163.885			
95	I	4.0985	2.6356		2.7008			2.7151	2.2431	2.7815	19.6230			
	S	174.010	179.793	159.606	154.121	168.983	175.673	154.942	150.005	168.647	164.012			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
0.5	Т	4.0572	2.6170	2.1046	2.7255	2.2602	2.1612	2.6885	2.2768	2.8159	19.6497	1		
96	S	175.782	181.071	161.821	152.724	168.026	176.039	156.475	147.785	166.586	163.789			
0.7	Т	4.0910	2.6375	2.1125	2.7169	2.2587	2.1866	2.7430	2.2591	2.8001	19.7144			
97	S	174.329	179.664	161.216	153.208	168.138	173.994	153.366	148.943	167.526	163.251			
00	Т	4.0740	2.6290	2.1173	2.7654	2.2617	2.1891	2.7828	2.2482	2.7891	19.7826			
98	S	175.057	180.245	160.850	150.521	167.915	173.795	151.172	149.665	168.187	162.688			
99	Т	4.1188	2.6452	2.1589	2.7725	2.2824	2.2034	2.7794	2.2558	2.8000	19.8976			
99	S	173.153	179.141	157.751	150.135	166.392	172.667	151.357	149.161	167.532	161.748			
100	Т	4.1496	2.6540	2.1765	2.7561	2.2696	2.1846	2.7566	2.2337	2.7818	19.8129			
100	S	171.868	178.547	156.475	151.029	167.330	174.153	152.609	150.637	168.629	162.440			
101	Т	4.0819	2.6250	2.1353	2.7737	2.2746	2.1775	2.7438	2.2462	2.7850	19.7611			
101	S	174.718	180.519	159.494	150.070	166.962	174.721	153.321	149.798	168.435	162.865			
102	Т	4.0827	2.6261	2.1334	2.7895	2.2829	2.2030	2.7782	2.2682	2.7989	19.8802			
102	S	174.684	180.444	159.636	149.220	166.355	172.698	151.422	148.346	167.598	161.890			
103	Т	4.1158	2.6402	2.1582	2.8035	2.2882	2.2352	2.8337	2.2983	2.8061	20.0634			
103	S	173.279	179.480	157.802	148.475	165.970	170.211	148.457	146.403	167.168	160.411			
104	Т	4.1545	2.6581	2.1933	2.8298	2.2994	2.2321	2.8354	2.3261	2.8537	20.2279			
104	S	171.665	178.272	155.277	147.095	165.162	170.447	148.368	144.653	164.380	159.107	1		
105	Т	4.2355	2.6861	2.2416	2.8255	2.3017	2.2528	2.9090	2.3612	2.8923	20.4702			
105	S	168.382	176.413	151.931	147.319	164.997	168.881	144.614	142.503	162.186	157.224			
106	Т	4.4181	2.7978	2.3205	2.8858	2.3423	2.2613	2.8477	2.2602	2.7903	20.5059			
100	S	161.423	169.370	146.765	144.241	162.137	168.246	147.727	148.871	168.115	156.950			
107	T	4.2409	2.6791	2.2738	2.8521	2.2955	2.2170	2.8601	2.3204	2.8503	20.3483			
107	S	168.168	176.874	149.779	145.945	165.442	171.608	147.086	145.008	164.576	158.166			
108	T	4.3153	2.7216	2.3000	2.8566	2.3065	2.2739	2.8773	2.3055	2.8313	20.4727			
100	S	165.268	174.112	148.073	145.715	164.653	167.314	146.207	145.945	165.680	157.204			
109	Т	4.3120	2.7310	2.2914	2.8443	2.2980	2.2439	2.8471	2.2906	2.8058	20.3521			
103	S	165.395	173.513	148.629	146.345	165.262	169.551	147.758	146.895	167.186	158.136			
110	T	4.2522	2.6958	2.2478	2.8363	2.3179	2.2566	2.8639	2.3342	2.8551	20.4076			
110	S	167.721	175.778	151.512	146.758	163.843	168.596	146.891	144.151	164.299	157.706			
111	Т	4.3251	2.7407	2.2749	2.8304	2.3106	2.2507	2.8629		2.8497	20.4316			
111	S	164.894	172.899	149.707	147.064	164.361	169.038	146.943	145.554	164.611	157.521			
112	T	4.2518	2.7103	2.2263	2.8448	2.3210	2.2816	2.8571	2.3057	2.8462	20.3930			
112	S	167.736	174.838	152.975	146.320	163.625	166.749	147.241	145.933	164.813	157.819			
113	T	4.2562	2.7236	2.2154	2.9657	2.3759	2.2943	2.9214	2.3756	2.8900	20.7619			
113	S	167.563	173.984	153.728	140.355	159.844	165.826	144.000	141.639	162.315	155.015			
114	Т	4.3877	2.7607	2.3429	2.9205	2.3577	2.2988	2.9033	2.3370	2.8660	20.7869			
114	S	162.541	171.646	145.362	142.527	161.078	165.501	144.898	143.978	163.674	154.828			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	T	4.3008	2.7197	2.2777	2.8051	2.3684	2.4003	2.9190	2.3972	2.8889	20.7763			
115	S	165.825	174.234	149.523	148.390	160.350	158.503	144.118	140.363	162.377	154.907			
446	Т	4.4322	2.7995	2.3371	2.8851	2.3525	2.3573	2.8839	2.3314	2.8529	20.7997			
116	S	160.909	169.267	145.723	144.276	161.434	161.394	145.873	144.324	164.426	154.733			
117	Т	4.3493	2.7616	2.2923	2.9280	2.3771	2.3373	2.9436	2.4509	2.9427	21.0335			
11/	S	163.976	171.590	148.571	142.162	159.763	162.775	142.914	137.287	159.408	153.013			
118	Т	4.5171	2.8794	2.3375	2.9346	2.3769	2.2710	3.0461	2.4662	2.9670	21.2787			
110	S	157.885	164.570	145.698	141.842	159.776	167.527	138.105	136.436	158.103	151.250			
119	Т	4.4638	2.8211	2.3748	3.0003	2.4256	2.2522	2.8667	2.3581	2.8947	20.9935			
119	S	159.770	167.971	143.409	138.736	156.569	168.926	146.748	142.690	162.052	153.305			
120	T	4.2547	2.6930	2.2954	2.9415	2.3474	2.4021	2.9145	2.3277	2.8877	20.8093			
120	S	167.622	175.961	148.370	141.509	161.784	158.384	144.341	144.554	162.444	154.662			
121	T	4.3986	2.7674	2.3586	2.9350	2.3491	2.2773	2.9629	2.4518	3.0078	21.1099			
121	S	162.138	171.231	144.394	141.823	161.667	167.064	141.983	137.237	155.958	152.459			
122	T	4.4115	2.8140	2.2896	2.8642	2.3197	2.2314	2.8267	2.2972	2.8318	20.4746			
122	S	161.664	168.395	148.746	145.329	163.716	170.500	148.824	146.473	165.651	157.190			
123	T	4.2612	2.6868	2.2867	2.8970	2.3189	2.2304		2.3049	2.8474	20.4237			
123	S	167.366	176.367	148.934	143.683	163.773	170.577	147.525	145.983	164.744	157.582			
124	工	4.2652	2.6983	2.2659	2.8547	2.3307	2.2463	2.9171	2.3632	2.8900	20.5662			
127	S	167.209	175.616	150.302	145.812	162.944	169.369	144.212	142.382	162.315	156.490			
125	T	4.2856	2.7072	2.3042	2.9396	2.3636	2.3873	2.9414	2.3817	2.9032	20.9282			
123	S	166.414	175.038	147.803	141.601	160.676	159.366	143.021	141.276	161.577	153.783			
126	ፗ	4.3807	2.7541	2.3371	2.9190	2.3573	2.3155		2.3795	2.8979	20.9201			
120	S	162.801	172.058	145.723	142.600	161.105	164.308		141.407	161.873	153.842			ļ
127	ፗ	4.3892	2.7615			2.3469	2.2771	2.9176		2.8969	20.8095			
	S	162.486	171.596	145.486	143.189	161.819	167.079	144.188		161.929	154.660			
128	I	4.2933	2.7221	2.2863	2.8848	2.3263	2.2457	2.9060		2.8643	20.5904			
	S	166.115	174.080	148.960		163.252	169.415		142.884	163.772	156.306			
129	Ҵ	4.2376	2.6884	2.2705		2.3398	2.2349		2.3644	2.8788	20.6074			
	S	168.299	176.262	149.997	142.776	162.310	170.233	144.306		162.947	156.177			
130	I	4.2717	2.7042	2.2917	2.9266	2.3495	2.2445			2.8761	20.7033			
	S	166.955	175.232	148.609		161.640	169.505	143.744	141.134	163.100	155.453			
131	ፗ	4.3093	2.7169		2.9294	2.3520	2.3392	2.9837	2.4141	2.9390	20.9910			
	S	165.498	174.413	147.006	142.094	161.468	162.643	140.993	139.380	159.609	153.323			
132	I	4.5465	2.8621	2.4302		2.3905	2.2732	2.9846	2.4607	2.9558	21.3644			
	S	156.864	165.565	140.140		158.867	167.365	140.951	136.740	158.702	150.643			
133	I	4.3642	2.7493			2.3626	2.2696		2.4380	2.9455	21.0593			
	S	163.416	172.358	144.935	140.982	160.744	167.631	140.602	138.014	159.257	152.826			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
134	Т	4.5124	2.8079	2.4506	2.9858	2.3774	2.4118	3.0044	2.4107	2.8987	21.3473			
134	S	158.049	168.761	138.973	139.410	159.743	157.747	140.022	139.577	161.828	150.764			
135	T	4.3220	2.7326	2.3026	2.8933	2.3455	2.2691	2.9132	2.3941	2.9110	20.7614			
135	S	165.012	173.411	147.906	143.867	161.915	167.668	144.405	140.544	161.144	155.018			
136	T	4.3352	2.7279	2.3370	2.9449	2.3716	2.2409	2.9311	2.4357	2.9369	20.9260			
130	S	164.510	173.710	145.729	141.346	160.134	169.778	143.524	138.144	159.723	153.799			
137	Т	4.6083	2.8933	2.4515	2.9601	2.3748	2.3045	2.9606	2.3949	2.9019	21.2416			
13/	S	154.760	163.780	138.922	140.620	159.918	165.092	142.093	140.497	161.650	151.514			
138	T	4.4455	2.7791	2.3980	2.9283	2.3433	2.2789	2.9470	2.3789	2.8948	20.9483			
136	S	160.428	170.510	142.022	142.147	162.067	166.947	142.749	141.442	162.046	153.635			
139	Т	4.5096	2.7903	2.4810	2.9852	2.3771	2.3784	2.9891	2.3978	2.8967	21.2956			
139	S	158.147	169.825	137.271	139.438	159.763	159.962	140.739	140.327	161.940	151.130			
140	T	4.6289	2.9135	2.4530	3.0017	2.5196	2.4083	3.0306	2.5044	3.0088	21.8399			
140	S	154.072	162.644	138.837	138.671	150.727	157.976	138.811	134.354	155.906	147.363			
141	T	4.4812	2.8139	2.3907	3.0015	2.4018	2.3214	3.0984	2.5740	3.0303	21.6320			
141	S	159.150	168.401	142.455	138.681	158.120	163.890	135.774	130.722	154.800	148.780			
142	T	4.4589	2.7927	2.4053	3.0317	2.4683					30.9211	31.0100		23.3545
142	S	159.946	169.679	141.591	137.299	153.860					104.084	32.112		121.638
143	T						2.4666	2.7896	2.2067	2.7946	42.0128		18.5694	
143	S						154.242	150.804	152.480	167.856	76.605		138.666	
144	T	4.1027	2.6272	2.1374			2.1406		2.1443	2.7065	19.3268			
	S	173.832	180.368	159.338	154.310		177.733	159.888	156.917	173.320	166.525			
145	工	4.0336	2.5998	2.0585			2.1681	2.6075	2.1729	2.7679	19.2907			
145	S	176.810	182.269	165.445	157.105	167.559	175.478	161.335	154.852	169.475	166.837			
146	ፗ	4.0080	2.6057	2.0168			2.1520	2.5764	2.1037	2.7382	19.0369			
140	S	177.940	181.857	168.866	159.691	169.731	176.791	163.283	159.945	171.314	169.061			
147	T	4.0180	2.6014	2.0429	2.6501	2.2470	2.1478	2.5504	2.1044	2.7365	19.0805			
177	S	177.497	182.157	166.708	157.070	169.013	177.137	164.947	159.892	171.420	168.675			
148	I	4.1262	2.6198	2.1645	2.6480		2.1443	2.5724	2.1240	2.7511	19.2698	•		
	S	172.842	180.878	157.343	157.194		177.426	163.537	158.417	170.510	167.018			
149	T	4.0557	2.6129		2.6193			2.5992	2.1394	2.7641	19.1996			
	S	175.847	181.355	163.460	158.917	170.761	176.365	161.850	157.276	169.708	167.628			
150	I	4.0767	2.6264	2.1021	2.6677	2.2508	2.1463	2.5970	2.1326	2.7570	19.2799			
<u> </u>	S	174.941	180.423	162.013	156.033	168.728	177.261	161.988	157.778	170.145	166.930			\vdash
151	ፗ	4.1059	2.6426	2.1275	2.6654		2.2215		2.1348		19.4071			\vdash
	S	173.697	179.317	160.079	156.168		171.260		157.615	170.715	165.836			
152	I	4.2891	2.7315	2.2268			2.2024	2.6517	2.1647	2.7761	19.7075			
	S	166.278	173.481	152.941	153.321	169.587	172.745	158.646	155.438	168.975	163.308			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series



July 20, 2019

Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
152	Т	4.2057	2.6736	2.2010	2.7169	2.2548	2.2698	2.8489	2.2573	2.8524	20.0747			
153	S	169.575	177.238	154.733	153.208	168.429	167.616	147.665	149.062	164.455	160.321			
154	Т	4.5195	2.8719	2.3450	2.7886	2.3059	2.1970	2.9044	2.3146	2.8060	20.5334			
154	S	157.801	165.000	145.232	149.268	164.696	173.170	144.843	145.372	167.174	156.740			
155	Т	4.1753	2.6472	2.1890	2.6914	2.2618	2.1442	2.6584	2.1722	2.7893	19.5535			
155	S	170.810	179.006	155.582	154.659	167.907	177.434	158.246	154.902	168.175	164.595			
156	Т	4.0012	2.6060	2.0274	2.6176	2.2346	2.1599	2.6181	2.1390	2.7572	19.1598			
150	S	178.242	181.836	167.983	159.020	169.951	176.145	160.682	157.306	170.133	167.977			
157	Т	4.0545	2.6111	2.0983	2.6603	2.2457	2.1670	2.6336	2.1595	2.7610	19.3365			
15/	S	175.899	181.480	162.307	156.467	169.111	175.567	159.736	155.813	169.899	166.442			
158	Т	4.1475	2.6569	2.1610	2.7308	2.2743	2.1798	2.6467	2.2423	2.8380	19.7298			
156	S	171.955	178.352	157.597	152.428	166.984	174.536	158.946	150.059	165.289	163.124			
159	Т	4.1962	2.6644	2.2286	2.7479	2.2542	2.1819	2.7245	2.2180	2.8117	19.8312			
159	S	169.959	177.850	152.817	151.479	168.473	174.368	154.407	151.703	166.835	162.290			
160	Т	4.2345	2.6912	2.2116	2.7024	2.2697	2.1929	2.6728	2.1918	2.7879	19.7203			
100	S	168.422	176.079	153.992	154.030	167.323	173.494	157.394	153.516	168.260	163.202			
161	Т	4.1631	2.6487	2.1757	2.6855	2.2660	2.2236	2.6851	2.1868	2.7954	19.6668			
101	S	171.310	178.904	156.533	154.999	167.596	171.098	156.673	153.867	167.808	163.646			
162	Т	4.3317	2.7431	2.2643	2.6906	2.2601	2.1750	2.7033	2.2017	2.8092	19.8473			
102	S	164.642	172.747	150.408	154.705	168.034	174.922	155.618	152.826	166.984	162.158			
163	Т	4.2670	2.7170	2.2101	2.7042	2.2815	2.2019	2.7089	2.1769	2.7860	19.7865			
103	S	167.139	174.407	154.096	153.927	166.457	172.785	155.296	154.567	168.374	162.656			
164	Т	4.1667	2.6696	2.1432	2.6756	2.3051	2.2170	2.6273	2.1395	2.7851	19.5624			
104	S	171.162	177.504	158.906	155.573	164.753	171.608			168.429	164.520			
165	Т	4.1860	2.6809	2.1572	2.6694		2.2037	2.7159		2.8167	19.7055			
103	S	170.373	176.755	157.875	155.934	168.004	172.644	154.896	152.861	166.539	163.325			
166	Т	4.1261	2.6541	2.1386			2.1800	2.6351	2.1740	2.7851	19.5575			
100	S	172.846	178.540	159.248	153.791	166.275	174.520	159.645	154.773	168.429	164.561			
167	Т	4.0705	2.6271	2.0920	2.6675	2.2593	2.2019	2.6977	2.2198	2.7969	19.5622			
107	S	175.207	180.375	162.795	156.045		172.785	155.941	151.580	167.718	164.521			
168	Т	4.1476	2.6628	2.1353	2.6513		2.3069	2.7770	2.2290	2.8264	19.8363			
100	S	171.950	177.957	159.494	156.998	168.968	164.920	151.488	150.954	165.968	162.248			
169	Т	4.1636	2.6715		2.6619		2.2302	2.7463	2.2602	2.8329	19.8201			
109	S	171.290	177.377	158.367	156.373		170.592	153.181	148.871	165.587	162.381			
170	T	4.2375	2.7045	-	2.7075	2.2724	-	-	2.2150	2.8211	19.8868			
	S	168.302	175.213	155.213	153.740	167.124	171.068	153.081	151.908	166.279	161.836			
171	Т	4.1693	2.6655	2.1610	2.6889	2.2713	2.2554	2.7661	2.2936	2.8719	19.9737			
	S	171.056	177.777	157.597	154.803	167.205	168.686	152.085	146.703	163.338	161.132			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report:

Session: Race

Section Data for Car 9 - Dixon, Scott

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	O to SF	SF to PI
172	Т	4.1495	2.6687	2.1230	2.7250	2.3032	2.2348	2.8221	2.2934	2.8341	20.0043	3		
1/2	S	171.872	177.563	160.418	152.752	164.889	170.241	149.067	146.715	165.517	160.885			
173	T	4.1340	2.6630	2.1297	2.7187	2.2907	2.1899	2.6767	2.2219	2.8068	19.6974			
1/3	S	172.516	177.944	159.914	153.106	165.789	173.731	157.164	151.437	167.127	163.392			
174	T	4.0763	2.6313	2.0915	2.7032	2.2666	2.3370	2.8391	2.2714	2.8445	19.9846			
1/4	S	174.958	180.087	162.834	153.984	167.552	162.796	148.174	148.137	164.912	161.044			
175	T	4.1761	2.6706	2.1628	2.8719	2.4347	2.2706	2.7505	2.2690	2.8500	20.2801			
1/5	S	170.777	177.437	157.466	144.939	155.983	167.557	152.947	148.293	164.593	158.697	1		
176	T	4.2370	2.7042	2.1957	2.7193	2.2894	2.2306	2.7290	2.2507	2.8457	19.9646			
170	S	168.322	175.232	155.107	153.072	165.883	170.562	154.152	149.499	164.842	161.205			
177	T	4.1417	2.6658	2.1467	2.7167	2.2794	2.2525	2.8740	2.3016	2.8678	20.1045			
1//	S	172.195	177.757	158.647	153.219	166.611	168.903	146.375	146.193	163.572	160.084			
178	T	4.3302	2.7543	2.2375	2.7134	2.2854	2.2575	2.8646	2.2748	2.8340	20.2215			
176	S	164.700	172.045	152.209	153.405	166.173	168.529	146.855	147.915	165.523	159.157			
179	T	4.2297	2.6801	2.2196	2.7096	2.2847	2.2185	2.8083	2.2333	2.8754	20.0295			
1/9	S	168.613	176.808		153.620	166.224	171.492	149.799	150.664	163.139	160.683			
180	口	4.2821	2.6994	2.2576	2.7687	2.3179	2.1990	2.7732	2.2492	2.8444	20.1094	1		
100	S	166.550	175.544	150.854	150.341	163.843	173.013	151.695	149.599	164.917	160.045			
181	口	4.1834	2.6700		2.7733	2.3166		2.7384	2.2352	2.8286	19.9246			
101	S	170.479	177.477	157.002	150.092	163.935	173.462	153.623	150.536	165.839	161.529			
182	ഥ	4.0869	-			2.2677	2.1754			2.8096	19.6045			
102	S	174.504				167.470		155.935		166.960	164.166			
183	ഥ	4.1505		+						2.8563	19.9631			
103	S	171.830		157.831	151.265		•			164.230	161.217			
184	ഥ	4.2496		·	2.7656		2.2437	2.7927	2.2691	2.8397	20.1249			
101	S	167.823		153.381	150.510		169.566			165.190	159.921			
185	ഥ	4.2814			-		2.9654			4.3537	24.3487			
	S	166.577		151.122	147.722	156.614	128.298	117.838	103.519	107.745	132.180			
186	I	6.2790		3.0922	3.5346	2.8241	2.6012	3.1466		4.0542	26.2006	<u> </u>		
	S	113.582	115.953	110.138	117.764	134.476	146.261	133.694		115.705	122.837			
187	I	6.6338			4.6327	3.7991	3.4623	3.6327	2.8366	3.9727	29.9477			
	S	107.507			89.850	99.964	109.885	115.804		118.079	107.467			
188	T	6.9259			4.1384	3.8239	4.6539	4.2767	3.7965	6.6272	35.3241			
	S	102.973	109.463		100.582	99.316	81.750	98.366	88.628	70.783	91.111			
189	I	10.6910		4.2747	5.4842	5.1264	5.0113	5.7076		7.6202	46.4304			
	S	66.709		79.671	75.900	74.082	75.919			61.559	69.317			
190	T	9.1020		3.9517	5.8575	4.6317	4.4456		4.0015	5.0654	38.9453			
	S	78.354	74.952	86.183	71.063	81.994	85.580	90.088	84.088	92.607	82.639			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series

July 20, 2019 INDYCAR

TAG

Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
101	Т	8.0340	5.3995	3.7946	5.8362	5.5152	5.1841	6.6431	4.7841	6.3682	43.5250			
191	S	88.770	87.761	89.751	71.322	68.859	73.389	63.326	70.332	73.661	73.944			
192	Т	9.0559	6.3231	3.9793	5.2975	5.4239	3.9677	3.8918	3.5716	4.2119	36.6668			
192	S	78.753	74.942	85.585	78.575	70.018	95.888	108.094	94.209	111.373	87.774			
193	T	5.9566	3.7872	3.1272	3.7122	3.2479	3.4067	3.6720	3.3811	4.9199	29.2542			
193	S	119.730	125.122	108.905	112.130	116.929	111.678	114.565	99.517	95.346	110.015			
104	Т	6.4644	4.4643	2.8387	3.3847	2.7450	2.9483	3.5617	2.9515	3.9686	26.8628			
194	S	110.325	106.145	119.973	122.980	138.351	129.042	118.113	114.002	118.201	119.809			
195	Т	6.9897	4.4549	3.7648	5.5176	5.5971	4.1558	5.1784	4.7541	4.8793	38.3020			
195	S	102.033	106.369	90.461	75.440	67.852	91.548	81.238	70.776	96.139	84.027			
196	Т	8.0055	5.1923	4.2595	5.4997	4.6018	4.9544	5.0339			43.6544	30.4046		36.0728
190	S	89.086	91.263	79.955	75.686	82.527	76.791	83.570			73.725	32.751		78.752
197	T						3.4575	3.5631	3.0320	3.8121	47.9638		25.1408	
197	S						110.037	118.066	110.975	123.053	67.101		102.421	
198	T	6.3242	3.8824	3.5875	5.3703	5.5586	5.2328	5.9354	3.9361	5.0738	38.5769			
190	S	112.770	122.054	94.932	77.510	68.322	72.706	70.877	85.485	92.454	83.428			
199	Т	8.4129	6.3299	2.8834	3.2727	3.5111	3.2078	4.0273	2.6255	2.9516	28.8093			
199	S	84.772	74.861	118.113	127.189	108.163	118.603	104.458	128.157	158.928	111.714			
200	T	4.4316	2.8029	2.3310	2.7868	2.4335	2.6881	3.3614	2.4788	2.9928	21.8753			
200	S	160.931	169.062	146.104	149.365	156.060	141.533	125.151	135.742	156.740	147.125			
201	T	4.5606	2.8284	2.4556	2.7895	2.2557	2.2083	2.8175	2.1654	2.7586	20.2790			
201	S	156.379	167.538	138.690	149.220	168.361	172.284	149.310	155.388	170.047	158.706			
202	T	4.1567	2.6319	2.1879	2.7257	2.2840	2.1507	2.6144	2.1531	2.7595	19.5072			
202	S	171.574	180.046	155.660	152.713	166.275	176.898	160.910	156.276	169.991	164.985			
203	T	4.0873	2.6167	2.1127	2.6753	2.2592	2.1645	2.6081	2.1295	2.7460	19.3120			
203	S	174.487	181.092	161.200	155.590	168.101	175.770	161.298	158.008	170.827	166.653			
204	T	4.0637	2.6019	2.0996	2.6146		2.1448	2.6378	2.1414	2.7555	19.2163			
204	S	175.501	182.122	162.206	159.202			159.482	157.130	170.238	167.483			
205	7	4.0087	2.5959	2.0553	2.6408	2.2386		2.5573	2.0883	2.7170	19.0113			
203	S	177.909	182.543	165.702	157.623	169.647	179.621	164.502	161.125	172.650	169.289			
206	T	4.2725	2.7463	2.1727	2.6224			-	2.1702	2.7853	19.6001			
	S	166.924	172.546	156.749	158.729	-	175.002	155.883	155.044	168.417	164.203			
207		4.1166	2.6346	2.1405	2.6895	2.2567	2.2078	2.6724	2.1460	2.7477	19.4952			
207	S	173.245	179.862	159.107	154.769	168.287	172.323	157.417	156.793	170.721	165.087			
208	T	4.1492	2.6302	2.1773	2.6514	2.2391	2.2946	2.8200	2.1961	2.7925	19.8012	1		
200	S	171.884	180.163	156.418	156.993		-		153.216	167.982	162.536			
209	Т	4.3102	2.7473	2.2250		2.2739	2.1454	2.5805	2.1460	2.7590	19.5795			
209	S	165.464	172.483	153.064	154.030	167.014	177.335	163.023	156.793	170.022	164.376			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
240	Т	4.0358	2.6102	2.0663	2.6736	2.2747	2.1579	2.6085	2.1176	2.7503	19.2591			
210	S	176.714	181.543	164.820	155.689	166.955	176.308	161.273	158.896	170.560	167.111			
244	Т	4.0232	2.6025	2.0548	2.6380	2.2455	2.1367	2.5813	2.1496	2.7621	19.1705			
211	S	177.267	182.080	165.743	157.790	169.126	178.057	162.973	156.530	169.831	167.883			
212	Т	4.0198	2.6008	2.0559	2.6303	2.2398	2.1431	2.6125	2.1368	2.7549	19.1741			
212	S	177.417	182.199	165.654	158.252	169.557	177.525	161.027	157.468	170.275	167.851			
213	Т	4.0496	2.6150	2.0793	2.6364	2.2353	2.1762	2.6704	2.1457	2.7652	19.3235			
213	S	176.112	181.210	163.790	157.886	169.898	174.825	157.535	156.815	169.641	166.554			
214	Т	4.1687	2.6745	2.1417	2.6563	2.2449	2.1733	2.6825	2.2300	2.8158	19.6190			
214	S	171.080	177.178	159.018	156.703	169.171	175.058	156.825	150.887	166.592	164.045			
215	T	4.1597	2.6775	2.1395		2.2681	2.1817	2.6701	2.2058	2.7938	19.6347			
215	S	171.450	176.980	159.181	154.270	167.441	174.384	157.553	152.542	167.904	163.914			
216	Т	4.2206	2.7048	2.1771	2.7266	2.2933	2.1747	2.6722	2.1880	2.7966	19.7333			
210	S	168.976	175.194	156.432	152.663	165.601	174.946	157.429	153.783	167.736	163.095			
217	Т	4.1991	2.6905	2.1669	2.6956	2.2717	2.1471	2.6159	2.2462	2.8296	19.6635			
21/	S	169.842	176.125	157.168	154.418	167.176	177.195	160.817	149.798	165.780	163.674	}		
218	Т	4.1177	2.6580	2.1158	2.7303	2.2861	2.2220	2.9583	2.3526	2.8486	20.1717			
210	S	173.199	178.278	160.964	152.456	166.123	171.222	142.204	143.024	164.674	159.550			
219	I	4.1560	2.6689	2.1327	2.6662	2.2709	2.1961	2.7441	2.2521	2.8398	19.7708			
217	S	171.603	177.550	159.689	156.121	167.234	173.241	153.304	149.406	165.184	162.786	5		
220	Т	4.1361	2.6598	2.1308	2.6849	2.2687	2.1570	2.6452	2.1780	2.7952	19.5196	i		
220	S	172.429	178.158	159.831	155.034	167.397	176.381	159.036		167.820	164.880			
221	T	4.1146	2.6488	2.1147	2.6680	2.2603	2.1748	2.6648	2.2520	2.8613	19.6447			
221	S	173.330	178.897	161.048		168.019	174.938		149.413	163.943	163.830			
222	I	4.1637	2.6863	2.1428	2.7187	2.2684	2.1592	2.6841	2.2077	2.8045	19.6717			
	S	171.286	176.400	158.936		167.419	176.202	156.731	152.411	167.264	163.606			
223	T	4.1065	2.6460			2.2583	2.1921	2.7269		2.8180	19.6474			
	S	173.671	179.087	161.514		168.168	173.557	154.271	151.751	166.462	163.808			
224	T	4.2779	2.6974		+	2.2684		2.8144		2.7730	20.0799			1
	S	166.713	175.674			167.419	169.535	149.475	150.718	169.164	160.280			
225	T	4.1543	2.6578			2.2737	2.1833	2.7461	2.2547	2.8157	19.8875			
223	S	171.673	178.292	157.270		167.029	174.257	153.192	149.234	166.598	161.830			
226	T	4.1590	2.6445	2.1995		2.2872	2.2171	2.7966			20.1590			
220	S	171.479	179.188	154.839	+	166.043	171.600	150.426	145.813	161.789	159.651			1
227	Т	4.2163	2.6943	2.2040		2.3205	2.2065		2.2196	2.8229	19.9894			
	S	169.149	175.876	154.523	149.145	163.660	172.424	154.056	151.594	166.173	161.005	i		
228	Т	4.2881	2.7177	2.2451	2.7161	2.2582	2.1699	2.8267	2.2890	2.8527	20.0754	1		
220	S	166.317	174.362	151.694	153.253	168.175	175.333	148.824	146.997	164.438	160.316			

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

		or Car 9 -		T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
Lap	T	4.1204	2.6583										1 10 10 5.	1
229	S	173.086	178.258	160.592							163,226			+
	Ť	4.0787	2.6374								19.6352			+
230	S	174.855	179.671	163.037				156.644			163.910		+	+
	Ť	4.0680	2.6282	2.0920			2.1738				19.6442	 		+
231	S	175.315	180.300	162.795			175.018			+	163.835			+
	T	4.0500	2.6217	2.0756				2.6959			19.6218			1
232	S	176.094	180.747	164.082			175.868				164.022			
	Ŧ	4.1353	2.6452	2.1489							19.9678		1	
233	S	172.462	179.141	158.485	+	164.035	172.167	152.360	+	+	161.179			
224	Т	4.2034	2.6715			2.2774	2.1916	2.7784	2.2795	2.8563	20.0455			
234	S	169.668	177.377	153.679			173.597	151.412			160.555			
235	Т	4.1933	2.6790	2.1870	2.7822	2.3126	2.1883	2.7266	2.2680	2.8404	19.9841			
235	S	170.077	176.881	155.724	149.612	164.219	173.858	154.288	148.359	165.150	161.048			
236	Т	4.0921	2.6459	2.1033	2.7874	2.3086	2.2131	2.7833	2.2793	2.8437	19.9646			
230	S	174.283	179.094	161.921	149.333	164.503	171.910	151.145	147.623	164.958	161.205			
237	T	4.1373	2.6514	2.1620	2.7792	2.3102	2.2155	2.7687	2.2687	2.8422	19.9979			
237	S	172.379	178.722	157.525	149.773	164.390	171.724	151.942	148.313	165.045	160.937			
238	T	4.1100	2.6403	2.1400	2.8012	2.3135	2.1982	2.7848	2.2740	2.8510	20.0030			
230	S	173.524	179.473	159.144	148.597	164.155	173.075	151.064	147.967	164.536	160.896			
239	T	4.1126	2.6530			2.3108	2.2028	2.8204	2.2754	2.8504	20.0389			
233	S	173.414	178.614	159.891	148.868		172.714				160.608			
240	ഥ	4.2220	2.6835	2.2087		2.3166		2.7985			20.0956			
240	S	168.920	176.584	154.194			+			+	160.154			
241	ഥ	4.1331	2.6607	2.1429							19.9917			
	S	172.554	178.097	158.929		163.406					160.987			
242	I	4.0942	2.6469				2.2032	2.7781			19.9155			
-	S	174.193	179.026	161.744			172.683	151.428			161.603			+
243	I	4.1650	2.6713	2.1688		•	+	•			20.1663		+	+
	S	171.232	177.391	157.031	149.360		170.104			+	159.593	 	+	+
244	T	4.2584	2.7083	2.2416		2.3275					20.3377	 	+	+
	S	167.476	174.967	151.931							158.248		+	+
245	T	4.2665	2.7014			2.3673		2.9404			20.7491		+	+
	S	167.159	175.414	150.454							155.110		+	+
246	T	4.3157	2.7358								20.4096	 	+	+
	S	165.253	173.208	149.379				145.635			157.690			+
247	I	4.3066	2.7065								20.3006		+	+
	S	165.602	175.084	147.630	146.361	164.489	170.699	150.356	148.673	164.912	158.537	l		

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 9 - Dixon, Scott

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
248	Т	4.2487	2.6972	2.2313	2.7959	2.3133	2.2214	2.8188	2.2736	2.8508	20.2023	1		
240	S	167.859	175.687	152.632	148.879	164.169	171.268	149.241	147.993	164.547	159.309			
249	T	4.2627	2.6999	2.2415	2.7920	2.3071	2.3234	2.8921	2.3261	2.8871	20.4692			
249	S	167.308	175.512	151.938	149.087	164.610	163.749	145.459	144.653	162.478	157.231			
250	Т	4.4184	2.8212	2.2853	2.8000	2.2830	2.3160	3.0626	2.4984	2.9493	21.0158			
250	S	161.412	167.965	149.026	148.661	166.348	164.272	137.361	134.677	159.052	153.142			
251	T	4.3343	2.7529	2.2745	2.9252	2.3371	2.3156	2.9610	2.3854	2.9333	20.8850			
251	S	164.544	172.133	149.733	142.298	162.497	164.301	142.074	141.057	159.919	154.101			
252	T	4.2856	2.7157	2.2486	2.8126	2.3429	2.2615	2.8734	2.3083	2.8738	20.4368			
252	S	166.414	174.490	151.458	147.995	162.095	168.231	146.406	145.768	163.230	157.481			
253	T	4.3152	2.7367	2.2716	2.8171	2.3018	2.2851	2.8565	2.3129	2.8497	20.4314			
253	S	165.272	173.151	149.924	147.758	164.989	166.494	147.272	145.479	164.611	157.522			
254	Т	4.3158	2.7297	2.2743	2.8165	2.3006	2.2310	2.8321	2.2851	2.8218	20.2911			
254	S	165.249	173.596	149.746	147.790	165.076	170.531	148.541	147.248	166.238	158.611			
255	T	4.2197	2.6693	2.2466	2.8204	2.3109	2.3250	2.8865	2.4058	2.9370	20.6015			
255	S	169.012	177.524	151.593	147.585	164.340	163.636	145.741	139.861	159.718	156.222			
256	T	4.3595	2.7581	2.2990	2.8348	2.3069	2.3632	2.9342	2.4031	2.9083	20.8076			
250	S	163.593	171.808	148.138	146.836	164.625	160.991	143.372	140.018	161.294	154.674			
257	Т	4.2705	2.7020	2.2613	2.8340	2.3050	2.2124	2.8064	2.2933	2.8693	20.2837			
257	S	167.002	175.375	150.607	146.877	164.760	171.965	149.901	146.722	163.486	158.669			
258	Т	4.3130	2.6993	2.3335	2.8518	2.3077	2.2380	2.9249	2.3611	2.9059	20.6222			
238	S	165.356	175.551	145.947	145.960	164.568	169.998	143.828	142.509	161.427	156.065			
259	T	4.3699	2.7490	2.3312	2.8606	2.3520	2.3279	2.9276	2.3918	2.9173	20.8574			
259	S	163.203	172.377	146.091	145.511	161.468	163.433	143.695	140.680	160.796	154.305			
260	Т	4.3112	2.7188	2.2956	2.8103	2.2893	2.2096	2.7888	2.3021	2.8871	20.3016			
200	S	165.425	174.291	148.357	148.116	165.890	172.183	150.847	146.161	162.478	158.529			
261	Т	4.2444	2.6938	2.2428	2.7847	2.2859	2.2133	2.7813	2.2681	2.8761	20.1460			
201	S	168.029					171.895	151.254			159.754			
262	Т	4.3705	2.7236	2.3670	2.8362	2.3097	2.2462	3.0596	2.4685	2.9992	21.0100			
202	S	163.181	173.984	143.882	146.763	164.425	169.377	137.496	136.308	156.405	153.184			
263	T	4.3626	2.7411	2.3519	2.9415	2.3525	2.2603	2.8725	2.3353	2.9093	20.7644			
203	S	163.476	172.874	144.806	141.509	161.434	168.320	146.451	144.083	161.238	154.996			
264	T	5.2020	3.0509	3.1725	4.4555	5.1621	4.1042	3.8963	2.8537	3.4810	30.1762	!		
204	S	137.098	155.319	107.350	93.424	73.569	92.699	107.970	117.909	134.758	106.654			
265	Т	5.4266	3.3696	2.9991	4.6761	5.8775	4.9888	4.0809	3.5853	5.2050	34.7823	<u> </u>		
205	S	131.423	140.629	113.557	89.016	64.615	76.262	103.086	93.849	90.123	92.530			
266	Т	7.7783	5.2946	3.6506	7.1181	7.8044	4.0474	4.9697	5.2611	6.7225	44.8684			
266	S	91.689	89.499			48.661	94.000	84.649	63.956	69.779	71.730			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 9 - Dixon, Scott

Race

Report:

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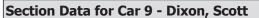
Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
267	Т	11.0054	7.1849	5.2527	6.3899	6.3066	5.4497	5.3801	5.0244	6.7471	47.7354	+		
267	S	64.803	65.953	64.837	65.142	60.218	69.812	78.192	66.969	69.525	67.422			
268	Т	10.3864	6.7537	5.1675	6.5034	6.7159	5.9667	5.3872	5.2414	7.2081	48.9439)		
208	S	68.665	70.164	65.906	64.005	56.548	63.763	78.089	64.196	65.078	65.757	<u>'</u>		
269	Т	9.6007	6.7045	4.1726	5.7730	6.1729	6.0150	6.7468			49.6471	30.2883		42.0689
209	S	74.284	70.678	81.620	72.103	61.523	63.251	62.353			64.826	32.877		67.527
270	Т						3.7403	4.3411	4.1425	7.4764	52.8867	'	30.1766	
270	S						101.718	96.907	81.226	62.743	60.855		85.329	
274	Т	11.2313	7.9151	4.7268	5.7638	6.0739	5.2283	5.3850	5.1955	7.7945	48.0829	1		
271	S	63.499	59.868	72.050	72.218	62.525	72.768	78.121	64.763	60.182	66.934			
272	Т	9.8704	6.2707	4.7971	5.9322	5.6020	5.7344	5.6419	4.7642	7.5282	46.2707	'		
272	S	72.255	75.568	70.995	70.168	67.792	66.346	74.564	70.626	62.311	69.556	5		
272	Т	10.0288	7.0065	4.2674	4.9586	5.6949	5.3680	4.9943	3.7607	6.7331	42.7835			
273	S	71.113	67.632	79.807	83.945	66.686	70.875	84.232	89.472	69.669	75.225			
274	Т	8.0279	5.6710	3.4832	5.4448	4.8960	4.4916	4.9784	3.4034	3.2183	35.5867	'		
274	S	88.838	83.559	97.775	76.449	77.568	84.704	84.501	98.865	145.757	90.438			
275	Т	4.6714	2.9461	2.4619	2.8350	2.3019	2.1933	2.8297	2.2227	2.7818	20.5724	1		
275	S	152.670	160.844	138.336	146.825	164.982	173.462	148.667	151.382	168.629	156.443	1		
276	Т	4.1810	2.6486	2.1726	2.5588	2.1872	2.0900	2.6525	2.1550	2.7706	19.2353	1		
276	S	170.577	178.911	156.756	162.674	173.634	182.036	158.598	156.138	169.310	167.317	1		
277	Т	4.0460	2.6205	2.0540	2.6244	2.2293	2.1101	2.5149	2.0938	2.7123	18.9593			
2//	S	176.268	180.829	165.807	158.608	170.355	180.302	167.276	160.702	172.949	169.753	1		
278	Т	3.9400	2.5637	1.9898	2.5202	2.1778	2.0828	2.5054	2.0715	2.6967	18.6079			
2/8	S	181.011	184.836	171.157	165.165	174.384	182.665	167.910	162.432	173.950	172.959			
279	Т	4.0086	2.5676	2.0781	2.5789	2.1740	2.0954	2.4918	2.0348	2.6275	18.6481			
2/9	S	177.913	184.555	163.884	161.406	174.688	181.567	168.826	165.361	178.531	172.586	3		
280	Т	4.0095	2.5805	2.0486	2.5454	2.1528	2.0718	2.4837	2.0231	2.6262	18.5321			
200	S	177.873	183.632	166.244	163.530	176.409	183.635	169.377	166.318	178.620	173.666	5		
281	Т	4.0837	2.6425	2.0512	2.5804	2.1759	2.1050	2.4803	2.0554	2.6480	18.7387			
201	S	174.641	179.324	166.034	161.312	174.536	180.739	169.609	163.704	177.149	171.752			
282	Т	3.9949	2.5769	2.0344	2.5780	2.1895	2.0629	2.4678	2.0517	2.6514	18.6126			
202	S	178.523	183.889	167.405	161.462	173.452	184.427	170.468	163.999	176.922	172.915	i		
283	Т	3.9345	2.5521	1.9961	2.5373	2.1565	2.1165	2.5174	2.0813	2.6588	18.6160			
283	S	181.264	185.676	170.617	164.052	176.106	179.756	167.110	161.667	176.430	172.884			
284	T	4.0082	2.5884	2.0411	2.5505	2.1496	2.1607	2.5008	2.1151	2.7481	18.8543			
204	S	177.931	183.072		163.203	176.671	176.079	168.219	159.083	170.696	170.698			
285	Т	3.9925	2.5800	2.0440	2.5841	2.1767	2.0636	2.5330	2.1131	2.6909	18.7854			
203	S	178.630	183.668	166.618	161.081	174.472	184.364	166.080	159.234	174.325	171.325			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



TAG



Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
286	Т	3.9240	2.5588	1.9843	2.5783	2.1828	2.0780	2.5381	2.1015	2.6829	18.7047			
200	S	181.749	185.190	171.631	161.444	173.984	183.087	165.747	160.113	174.845	172.064			
287	Т	3.9558	2.5589	2.0267	2.6057	2.1943	2.0860	2.5449	2.1420	2.7098	18.8683			
207	S	180.288	185.183	168.041	159.746	173.072	182.385	165.304	157.086	173.109	170.572			
288	Т	4.0007	2.5782	2.0430	2.6037	2.2264	2.1236	2.5818	2.1385	2.7194	19.0146			
200	S	178.264	183.796	166.700	159.869	170.577	179.155	162.941	157.343	172.498	169.259			
289	Т	3.9872	2.5784	2.0322	2.5902	2.1878	2.1105	2.5713	2.1328	2.7006	18.9038			
209	S	178.868	183.782	167.586	160.702	173.587	180.267	163.607	157.763	173.699	170.251			
290	Т	3.9560	2.5597	2.0219	2.6029	2.1934	2.0997	2.5746	2.1281	2.7010	18.8813			
290	S	180.279	185.125	168.440	159.918	173.143	181.195	163.397	158.112	173.673	170.454			
291	Т	4.0537	2.5737	2.1378	2.6757	2.2321	2.1767	2.6122	2.1542	2.7269	19.2893			
231	S	175.934	184.118	159.308	155.567	170.141	174.785	161.045	156.196	172.024	166.849			
292	Т	4.0761	2.6166	2.0945	2.6298	2.2042	2.1532	2.7239	2.2174	2.7642	19.4038			
292	S	174.967	181.099	162.601	158.282	172.295	176.693	154.441	151.744	169.702	165.864			
293	Т	4.1635	2.6558	2.1638	2.6528	2.2132	2.1691	2.7788	2.2091	2.7487	19.5913			
293	S	171.294	178.426	157.394	156.910	171.594	175.397	151.390	152.314	170.659	164.277			
294	Т	4.1206	2.6209	2.1501	2.6442	2.2121	2.1644	2.7947	2.2179	2.7561	19.5604			
254	S	173.077	180.802	158.396	157.420	171.680	175.778	150.528	151.710	170.201	164.537			
295	Т	4.1835	2.6471	2.1945	2.6595	2.2123	2.1611	2.6952	2.1529	2.7161	19.4387			
293	S	170.475	179.012	155.192	156.514	171.664	176.047	156.086	156.290	172.708	165.567			
296	T	4.1000	2.6141	2.1357	2.6438	2.2349	2.1567	2.6700	2.1895	2.7425	19.3872			
290	S	173.947	181.272	159.464	157.444	169.928	176.406	157.559	153.678	171.045	166.006			
297	T	4.0827	2.6043	2.1296	2.6704	2.2539	2.2240	2.7317	2.1764	2.7390	19.5293			
237	S	174.684	181.954	159.921	155.876	168.496	171.068	154.000	154.603	171.264	164.799			
298	T	4.0912	2.6105	2.1423	2.7085	2.2325	2.1897	2.7252	2.1917	2.7892	19.5896			
230	S	174.321	181.522	158.973	153.683	170.111	173.747	154.367	153.523	168.181	164.291			
299	T	4.0779	2.6090		2.6885	2.2355	2.1579	2.6490	2.1944	2.7884	19.4495			
299	S	174.889	181.627	160.132	154.826	169.883	176.308	158.808	153.335	168.229	165.475			
300	Т	4.1022	2.6211	2.1456	2.7232	2.2559	2.1862	2.7186	2.2035	2.7887	19.6428			
	S	173.853	180.788	158.729	152.853	168.346	174.025	154.742	152.701	168.211	163.846			
301	Т	5.2279	3.1151	3.0761	4.1443	4.3557	4.7803	6.0363						32.6928
	S	136.418	152.118	110.714	100.439	87.190	79.588	69.692						86.894

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

Report: Section Data Report

Session: Race

NTT IndyCar Series

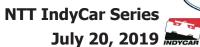
July 20, 2019



Section Data for Car 98 - Andretti, Marco

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
	Т	9.6423	6.9497	4.1117	5.9034	5.5011	5.0849	4.3156	4.0679	4.3217	40.2560		34.1073	;
1	S	73.964	68.185	82.829	70.510	69.036	74.820	97.479	82.715	108.543	79.948		75.495	
	Т	5.3977	3.5835	2.6149	3.5099	3.4637	2.9438	3.3320	2.5617	2.9154	24.9249			
2	S	132.127	132.235	130.241	118.593	109.644	129.239	126.255	131.349	160.901	129.124			
3	Т	4.5147	2.8517	2.3767	2.9181	2.3421	2.3617	2.9249	2.4052	2.8862	21.0666			
	S	157.969	166.169	143.295	142.644	162.151	161.094	143.828	139.896	162.529	152.773			
4	Т	4.3466	2.7183	2.3380	2.7982	2.2504	2.2362	2.9097	2.2419	2.8181	20.3108			
4	S	164.078	174.324	145.666	148.756	168.758	170.134	144.579	150.086	166.456	158.458			
5	Т	4.4822	2.8157	2.3908	2.7938	2.2699	2.1864	2.6605	2.2799	2.8574	20.2544			
	S	159.114	168.293	142.449	148.991	167.308	174.010	158.121	147.584	164.167	158.899			
6	Т	4.1863	2.6674	2.1930	2.6880	2.2453	2.1797	2.6166	2.2367	2.8081	19.6348			
6	S	170.361	177.650	155.298	154.855	169.141	174.544	160.774	150.435	167.049	163.913			
7	Т	4.1237	2.6518	2.1421	2.6732	2.2187	2.1371	2.6015	2.2773	2.8210	19.5227			
	S	172.947	178.695	158.988	155.712	171.169	178.024	161.707	147.753	166.285	164.854			
8	Т	4.1230	2.6444	2.1536	2.7339	2.2687	2.1908	2.6322	2.2766	3.0086	19.9088			
•	S	172.976	179.195	158.139	152.255	167.397	173.660	159.821	147.798	155.917	161.657			
9	Т	4.1602	2.7242	2.0809	2.7176	2.2640	2.1937	2.7562	2.3191	2.8486	19.9043			
9	S	171.430	173.946	163.664	153.168	167.744	173.431	152.631	145.090	164.674	161.694			
10	Т	4.1363	2.6585	2.1467	2.7352	2.2707	2.1701	2.7126	2.2964	2.8310	19.8212			
10	S	172.420	178.245	158.647	152.183	167.249	175.317	155.084	146.524	165.698	162.372			
11	Т	4.1816	2.6749		2.7557	2.2694	2.1860	2.6877	2.2758	2.8229	19.8570			
	S	170.552	177.152	155.895	151.051	167.345	174.041	156.521	147.850	166.173	162.079			
12	Т	4.1488	2.6604		2.7731	2.2892	2.1726		2.3648	2.9240	20.0315			
12	S	171.901	178.117	156.995	150.103	·	175.115		142.286	160.428	160.667			
13	Т	4.1478	2.6871	2.1417	2.8294		2.2012	2.7245	2.3238	2.8609	20.0735			
	S	171.942	176.348	159.018	147.116	164.768	172.840	154.407	144.796	163.966	160.331			
14	Т	4.1802	2.6771	2.1820	2.8255		2.2122	2.7149		2.8970	20.1833			
	S	170.609	177.006	156.081	147.319		171.980	154.953	143.518	161.923	159.459			
15	Т	4.1832	2.6878		2.8524	·	2.2018		2.7007	4.1613	21.8549			
	S	170.487	176.302	155.674	145.930	162.839	172.793	154.039	124.589	112.727	147.262			
16	Т	5.5540	3.5616	2.8918	3.6077	2.7466	2.5968	3.4264	3.3799	4.6065	26.8173			
10	S	128.409	133.048	117.770	115.378	138.270	146.509	122.777	99.552	101.832	120.012			
17	Т	6.0677	3.9399	3.0686	3.7605		2.7454	3.6744	3.4572	4.4676	28.1285			
L-1/	S	117.537	120.273	110.985	110.690	•	138.579	114.490	97.327	104.998	114.418			
18	Т	5.4159	3.5741	2.6694	3.5343		4.3072	5.8068	4.4297	7.0344	35.1770			
10	S	131.683	132.583	127.582	117.774	99.388	88.330	72.446	75.959	66.685	91.492			
19	Т	9.0888	6.2809		4.9153		4.2163	4.2639			42.2535	32.2983		34.6335
19	S	78.468	75.445	85.006	84.685	80.331	90.234	98.661			76.169	30.831		82.024

Track: **Iowa Speedway** 0.894 mile(s)





Section Data for Car 98 - Andretti, Marco

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
20	Т						2.8646	3.5574	2.8111	3.2570	46.6985		22.0202	
20	S						132.812	118.255	119.696	144.025	68.919		116.936	
21	Т	4.7799	3.0218	2.5504	3.1999	2.6982	3.8244	5.2575	3.6606	5.7096	29.9224			
	S	149.204	156.815	133.535	130.082	140.750	99.481	80.016	91.919	82.158	107.558			
22	Т	8.5721	5.7637	4.0601	5.6897	5.1032	5.4401	4.2415	3.5518	6.5354	40.3855			
	S	83.198	82.215	83.882	73.159	74.419	69.935	99.182	94.734	71.777	79.692			
23	Т	10.0580	7.0889	4.1507	4.5362	4.2834	5.4559	4.0124	3.8520	6.0474	39.4269			
23	S	70.907	66.846	82.051	91.762	88.662	69.733	104.845	87.351	77.569	81.630			
24	Т	6.4503	4.4235	2.9000	3.9709	3.3631	2.6157	2.8301	2.4618	2.9362	25.5013			
24	S	110.566	107.124	117.437	104.825	112.923	145.450	148.646	136.679	159.761	126.205			
25	Т	4.1391	2.6730	2.1315	2.7002	2.2282	2.1155	2.7246	2.3321	2.8570	19.7621			
25	S	172.304	177.278	159.779	154.155	170.439	179.841	154.401	144.281	164.190	162.857			
26	Т	4.1712	2.6687	2.1882	2.7875	2.2734	2.1725	2.7148	2.3580	2.8879	20.0510			
20	S	170.978	177.563	155.639	149.327	167.051	175.123	154.959	142.696	162.433	160.511			
27	Т	4.1448	2.6731	2.1533	2.7685	2.2614	2.1598	2.6850	2.3365	2.8463	19.8839			
	S	172.067	177.271	158.161	150.352	167.937	176.153	156.679	144.009	164.807	161.860			
28	T	4.1327	2.6565	2.1591	2.7862	2.2774	2.1570	2.6765	2.2783	2.8341	19.8251			
20	S	172.570	178.379	157.736	149.397	166.757	176.381	157.176	147.688	165.517	162.340			
29	T	4.0216	2.6143	2.0619	2.8133	2.2886	2.1661	2.7303	2.2886	2.8149	19.7780			
29	S	177.338	181.258	165.172	147.958	165.941	175.640	154.079	147.023	166.646	162.726			
30	Т	4.2176	2.6790	2.2295	2.7937	2.2807	2.1722	2.7166	2.2727	2.8393	19.9837			
	S	169.097	176.881	152.755	148.996	166.516	175.147	154.856	148.052	165.214	161.051			
31	Т	4.1636	2.6752	2.1733	2.8314	2.3062	2.1713	2.6913	2.3067	2.8583	20.0137			
31	S	171.290	177.132	156.706	147.012	164.675	175.220	156.312	145.870	164.115	160.810			
32	Т	4.1806	2.6900	2.1680	2.7954	2.2936	2.1807	2.6738	2.3113		19.9635			
32	S	170.593	176.157	157.089	148.905	165.579	174.464	157.335	145.579	164.553	161.214			
33	T	4.1190	2.6581	2.1317	2.7855	2.2867	2.1575	2.6428	2.3370		19.8797			
	S	173.144	178.272	159.764	149.435	166.079	176.340	159.180	143.978		161.894			
34	T	4.1168		2.0932	2.7806	2.2935	2.1751	2.7063	2.3731	2.9199	20.0184			
	S	173.237	177.033	162.702	149.698	165.587	174.914	155.445	141.788	160.653	160.772			
35	Т	4.1473	2.6883	2.1300	2.8012	2.3182	2.1769	2.6857	2.3749		20.0900			
	S	171.963	176.269	159.891	148.597	163.822	174.769	156.638	141.681	160.934	160.199			
36	Т	4.1631	2.6886	2.1497	2.8482	2.3166	2.1999	2.7222	2.3480	2.9134	20.1866			
	S	171.310	176.249	158.426	146.145	163.935	172.942	154.537	143.304	161.012	159.432			
37	T	4.2015	2.7025	2.1835	2.8025	2.2993	2.1723	2.6696	2.3753		20.1511			
	S	169.745	175.343	155.974	148.528	165.169	175.139	157.582	141.657	159.224	159.713			
38	Т	4.1906	2.7172	2.1427	2.7909	2.3109	2.2007	2.7458	2.3373	2.8867	20.1322			
36	S	170.186	174.394	158.943	149.145	164.340	172.879	153.209	143.960	162.501	159.863			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data for Car 98 - Andretti, Marco

Race

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
39	Т	4.1491	2.6725	2.1575	2.7672	2.2795	2.1647	2.7082	2.3317	2.9089	19.9902			
39	S	171.888	177.311	157.853	150.423	166.604	175.754	155.336	144.306	161.261	160.999			
40	Т	4.1713	2.6900	2.1567	2.8060	2.3295	2.2180	2.7569	2.4035	2.9758	20.3364			
40	S	170.974	176.157	157.912	148.343	163.028	171.530	152.592	139.995	157.635	158.258			
41	Т	4.2584	2.7329	2.2097	2.8637	2.3385	2.2224	2.7392	2.3903	2.9354	20.4321			
41	S	167.476	173.392	154.124		162.400		153.578	140.768	159.805	157.517			
42	Т	4.2438	2.7163	2.2292	2.9003	2.3354	2.2148	2.7922	2.3989	2.9532	20.5403			
72	S	168.053	174.452	152.776	143.520	162.616	171.778	150.663	140.263	158.842	156.687			
43	Т	4.2582	2.7268	2.2296	2.8211	2.3078	2.2101	2.7539	2.3359	2.8860	20.2712			
43	S	167.484	173.780	152.749	147.549	164.561	172.144	152.759	144.046	162.540	158.767			
44	Т	4.2407	2.7105	2.2428	2.9533	2.3562	2.2201	2.7809	2.3621	2.8965	20.5224			
77	S	168.175	174.825	151.850		161.180			142.448	161.951	156.824			
45	Т	4.2730	2.7260	2.2300	2.7402	2.2715	2.1908	2.7514	2.3551	2.8879	20.1529			
45	S	166.904	173.831	152.721	151.905	167.190	173.660	152.897	142.872	162.433	159.699			
46	Т	4.1693	2.6800	2.1709	2.7943	2.2837	2.1949	2.7509	2.3917	2.9420	20.2084			
40	S	171.056	176.815	156.879	148.964	166.297	173.336	152.925	140.685	159.446	159.261			
47	Т	4.2248	2.7125	2.2049		2.3454	2.2326	2.8042	2.3891	2.9183	20.4658			
/	S	168.808	174.696	154.460	145.603	161.922	170.409	150.018	140.839	160.741	157.257			
48	T	4.2092	2.6995	2.2086	2.8063	2.2858			2.3725	2.9287	20.2900			
40	S	169.434	175.538	154.201	148.327	166.144	172.581	151.102	141.824	160.170	158.620			
49	Т	4.1700	2.6883	2.1596		2.2950		2.7827	2.3734	2.9109	20.1975			
79	S	171.027	176.269	157.700		165.478		151.178	141.770	161.150	159.346			
50	T	4.2487	2.7136	2.2346	2.8464	2.3318	2.3392	3.1995	2.8946	3.5343	22.0940			
	S	167.859	174.625	152.407	146.237	162.867	162.643	131.484	116.243	132.725	145.669			
51	I	5.5231	3.4778	2.9747	3.7612	2.8861	2.8332	3.9327	3.5602	4.0733	27.4992			
J-	S	129.127	136.254	114.488	110.669	131.587	134.284	106.970	94.511	115.162	117.036			
52	T	6.0089	3.7868	3.2504		3.1228	2.9045	3.7936	3.2738	3.7332	28.0324			
J-	S	118.688	125.136	104.777	99.885	121.613	130.988	110.893	102.779	125.654	114.810			
53	Т	6.0204	3.7859	3.2339	4.2132	4.5602	5.3957	6.5439	5.0821	6.7682	39.5831			
	S	118.461	125.165	105.312	98.797	83.280	70.511	64.286	66.208	69.308	81.307			
54	Т	9.6497	6.7266	4.1283	5.6385	5.6508	4.8762	5.9146	4.4174	6.2087	43.5611			
J	S	73.907	70.446	82.496	73.823	67.207	78.023	71.126	76.171	75.554	73.882			
55	Т	9.9890	6.7712	4.7088	6.3176	6.3576	6.4205	8.5968			78.6658	1648.2820		52.9380
	S	71.397	69.982	72.326	65.887	59.735	59.256	48.935			40.912	0.604		53.663
56	I						3.1857	3.7242	2.9777	4.0438	1646.6137		24.0595	
	S						119.426	112.959	112.999	116.002	1.955		107.024	
57	Т	7.2041	4.7496	3.6262	4.9631	4.0836	4.1375	5.0128	4.2671	5.7607	36.6006			
	S	98.997	99.769	93.919	83.869	92.999	91.953	83.922	78.854	81.429	87.933			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series Section Data Report Race

TAG July 20, 2019 INDYCAR

Section Data for Car 98 - Andretti, Marco

Report:

Session:

Lap	T/S	SF to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
F0	Т	6.9781	4.7984	3.0966	3.5185	3.4132	3.6602	4.2380	1		36.8580	33.6861		29.2435
58	S	102.203	98.755	109.981	118.303	111.266	103.944	99.264			87.319	29.561		97.143
59	Т						3.5190	3.7988	3.5114	4.4740	52.7118		26.6402	
59	S						108.114	110.741	95.824	104.848	61.057		96.656	
60	Т	6.8797	4.8259	2.9270	3.5430	2.8504	2.9983	3.7238	3.0654	6.0667	30.0005			
- 60	S	103.665	98.192	116.354	117.485	133.235	126.890	112.971	109.766	77.322	107.278			
61	Т	11.6453	9.2267	3.3659	4.3552	5.3327	6.8047	5.3818	3.7924	6.3379	44.5973			
01	S	61.242	51.358	101.182	95.575	71.216	55.911	78.167	88.724	74.014	72.166			
62	T	6.6899	4.7757	2.8031	4.1630	4.1419	4.0183	4.3458	3.8121	5.2394	33.2993			
02	S	106.606	99.224	121.497	99.988	91.690	94.680			89.531	96.651			
63	Т	10.3486	7.2706	4.1512	3.9559		7.5959			6.9473	43.2798			
05	S	68.916	65.175	82.041	105.223	82.255	50.087	98.359		67.521	74.363			
64	T	10.7042	7.7722	4.0535	3.9041	4.0370	5.8806	4.2867	3.3108	5.2943	38.5392			
07	S	66.626	60.969	84.018	106.619		64.697			88.603	83.510			
65	工	7.0557	5.2448	2.6059	3.3795	2.9242	3.3497	3.5272	2.3839	2.8618	26.2770			
	S	101.079	90.349	130.691	123.169		113.579				122.480			
66	T	4.3734		2.3700				-			20.8536			
	S	163.073	173.882	143.700	148.714		162.372			161.283	154.333			
67	T	4.3650	·	2.3304					·	2.8734	20.6998			
<u> </u>	S	163.386			145.802					163.253	155.480	•		
68	Т	4.1654	-	-		2.2716		-		2.7729	19.7855			
	S	171.216			148.762					169.170	162.665			
69	T	4.1068		2.1559							19.5929			
	S	173.659	180.995	157.970	155.393					167.820	164.264			
70	工	4.1964	-				-		+		19.9410			
	S	169.951	175.870	156.641	147.958		174.833			166.907	161.396			
71	T	4.3317	2.7641	2.2543	2.8485					2.9020	20.3512			
	S	164.642	171.435		146.130					161.644	158.143			
72	I	4.2048		2.1846						2.8524	20.1291			
	S	169.611	175.460	155.895	147.995	 				164.455	159.888		-	
73	T	4.1344			2.7300					2.7985	19.7250		-	
	S	172.499	-	159.196	152.473		174.729			167.622	163.163		-	
74	T	4.1377	2.6527	2.1627	2.8072					2.8343	20.0050		-	
	S	172.362	178.634	157.474	148.279	+		152.670	+	165.505	160.880			
75	T	4.0866			2.7776					2.9858	20.0862			
	S	174.517	179.392	161.629							160.229			
76	I	4.3383									20.3367		-	
	S	164.392	169.722	152.475	150.341	166.582	172.612	153.494	141.407	159.647	158.256			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



July 20, 2019 INDYCAR

Section Data for Car 98 - Andretti, Marco

Race

Report:

Session:

Lap	T/S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
77	Т	4.2669	2.7467	2.2011	2.7745	2.2862	2.2087	2.7927	2.3327	2.8869	20.2295			
	S	167.143	172.521	154.726	150.027	166.115	172.253	150.636	144.244	162.489	159.094			
78	Т	4.1584	2.6838	2.1523	2.7771	2.2856	2.1799	2.7652	2.4103	2.9075	20.1617			
	S	171.504	176.564	158.235	149.887	166.159	174.528	152.134	139.600	161.338	159.629			
79	Т	4.2513	2.7220	2.2283	2.9342	2.3837	2.2762	2.8437	2.3595	2.8893	20.6369			
/9	S	167.756	174.087	152.838	141.861	159.321	167.145	147.935	142.605	162.355	155.954			
80	Т	4.2418	2.7190	2.2140	2.8534	2.3184	2.3135	2.8566	2.3523	2.9032	20.5304			
80	S	168.132	174.279	153.825	145.879	163.808	164.450	147.267	143.042	161.577	156.763			
81	Т	4.1734	2.6873	2.1643	2.7934	2.3034	2.2039	2.7838	2.4095	2.9925	20.3381			
01	S	170.887	176.334	157.357	149.012	164.875	172.628	151.118	139.646	156.756	158.245			
82	Т	4.2879	2.7536		2.8486	2.3094	2.2073	2.7822	2.3960	2.9369	20.4615			
62	S	166.324	172.089	152.893	146.124	164.446	172.362	151.205	140.433	159.723	157.291			
83	Т	4.2107	2.7136	2.1606	2.7173	2.2622			2.5821	3.0289	20.5189			
65	S	169.374	174.625	157.627	153.185	167.878	173.502	147.020	130.311	154.872	156.851			
84	Т	4.4045	2.8168	2.3013			2.2366	2.8317	2.3948	2.9355	20.6376			
04	S	161.921	168.228	147.989	147.397	165.341	170.104	148.562	140.503	159.799	155.948			
85	Т	4.2827	2.7623	2.1916	2.7755	2.2988	2.2222	2.8449	2.3919	2.9088	20.3960			
65	S	166.526	171.547	155.397	149.973	165.205	171.206	147.872	140.674	161.266	157.796			
86	Т	4.3526	2.7478	2.3085	2.7732	2.3001	2.2534	2.8606	2.3940	2.9183	20.5559			
	S	163.852	172.452	147.528	150.097		168.836			160.741	156.568			
87	Т	4.2014	2.6989	2.1807	2.7112	2.2545	2.1962	2.7731	2.4392	3.0506	20.3044			
	S	169.749	175.577	156.174	153.530		173.233	151.701	137.946	153.770	158.508			
88	T	4.4785	2.8689	2.3066			2.2520	2.9226	2.4224	2.9492	20.8346			
- 00	S	159.246	165.173	147.649	147.648	·	168.941	143.941	•	159.057	154.474			
89	T	4.2786	2.7361	2.2576			2.2541	2.8525	2.4193	2.9367	20.7307			
	S	166.686	173.189		142.811	160.941	168.783			159.734	155.248			
90	T	4.1996					2.2268			2.9582	20.4911			
	S	169.821	174.896		146.227	161.249		148.541		158.573	157.063			
91	T	4.3349	2.7681	2.2811	3.1289				+		21.2857		<u> </u>	
<u> </u>	S	164.521	171.187	149.300	133.034		161.019			162.136	151.200			
92	Т	4.2394	2.7202	2.2075						2.9530	20.5091			
	S	168.227	174.202	154.278		164.233				158.852	156.925			
93	Т	4.3484	2.7718		2.8535						20.5523			
	S	164.010	170.959	148.934	145.873		171.538	 		160.890	156.596			
94	Т	4.2005	2.6979		2.7556		2.2047				20.1160			
<u> </u>	S	169.785		156.288	-	-					159.992			
95	Т	4.3860		2.3002							20.5730			
	S	162.604	170.381	148.060	147.816	164.889	171.268	148.961	140.468	160.017	156.438			

Track: **Iowa Speedway** 0.894 mile(s)

> **NTT IndyCar Series** July 20, 2019 INDYCAR



TAG

Section Data Report Report:

Session: Race

Section Data for Car 98 - Andretti, Marco

Lap	T/S	F to TB	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
96	Т	4.2438	2.7239	2.2011	2.8023	2.4415	2.2921	2.8645	2.4024	2.9220	20.6498			
90	S	168.053	173.965	154.726	148.539	155.549	165.985	146.860	140.059	160.538	155.856			
97	Т	4.2111	2.7123	2.1739	2.8044	2.3369	2.2862	2.8914	2.4480	3.0039	20.6570			
97	S	169.358	174.709	156.662	148.427	162.511	166.414	145.494	137.450	156.161	155.802			
98	Т	4.2262	2.7261	2.1886	2.9059	2.3668	2.2304	2.8231	2.4106	2.9416	20.5931			
90	S	168.753	173.825	155.610	143.243	160.458	170.577	149.014	139.582	159.468	156.285			
99	T	4.2359	2.7302	2.1852	2.8284	2.3300	2.2874	2.9164	2.4728	2.9645	20.7149			
99	S	168.366	173.564	155.852	147.168	162.993	166.326	144.247	136.071	158.236	155.366			
100	Т	4.2942	2.7763	2.1958	2.8607	2.3621	2.2481	2.8487	2.4306	2.9231	20.6454			
100	S	166.080	170.682	155.100	145.506	160.778	169.234	147.675	138.434	160.477	155.889			
101	Т	4.2050	2.7024	2.1916	2.8848	2.3360	2.2526	2.8710	2.3794	2.8896	20.5074			
101	S	169.603	175.349	155.397	144.291	162.574	168.896	146.528	141.413	162.338	156.938			
102	Т	4.1725	2.6933	2.1611	3.0971	2.6027	2.4335	3.0154	2.5037	3.0104	21.5172			
102	S	170.924	175.942	157.590	134.400	145.915	156.340	139.511	134.392	155.823	149.573			
103	Т	4.5053	2.8836	2.3381	2.8859	2.3365	2.2566	2.8852	2.4629	2.9707	21.0195			
103	S	158.298	164.331	145.660	144.236	162.539	168.596	145.807	136.618	157.906	153.115			
104	Т	4.3318	2.7814	2.2358	2.8502	2.3420	2.2147	2.7709	2.4454	2.9607	20.6011			
104	S	164.639	170.369	152.325	146.042	162.157	171.786	151.821	137.596	158.439	156.225			
105	Т	4.2945	2.7460	2.2658	2.9897	2.3800	2.2593	2.8889	2.4434	2.9695	20.9426			
105	S	166.069	172.565	150.308	139.228	159.568	168.395	145.620	137.709	157.970	153.677			
106	Т	4.2992	2.7513	2.2490	2.8804	2.3483	2.2377	2.8408	2.5469	3.0532	20.9076			
100	S	165.887	172.233	151.431	144.511	161.722		148.086	132.112	153.639	153.934			
107	T	4.3278	2.7746	2.2627		2.4300	2.3711	2.9700	2.4628	2.9501	21.1891			
107	S	164.791	170.786	150.514	140.255	156.285	160.455	141.644	136.624	159.008	151.889			
108	T	4.2426	2.7275	2.2039		2.3207	2.2538	2.8698	2.4049	2.9156	20.5397			
100	S	168.100	173.736	154.530		163.646	168.806	146.589	139.913	160.890	156.692			
109	T	4.2827	2.7304	2.2585		2.3346	-			2.9515	20.8018			
103	S	166.526	173.551	150.794		162.671	165.379			158.933	154.717			
110	工	4.3047	2.7511	2.2615		2.3348				2.9399	20.6573			
110	S	165.675	172.245	150.594		162.657	170.968		139.490	159.560	155.800			
111	I	4.3199	2.7492	2.2931		2.4906				2.9422	21.4210			
	S	165.092	172.364	148.519	-	152.482	160.529			159.435	150.245			
112	I	4.3075	2.7606	2.2361		2.3601	2.2694			2.9416	20.7557			
112	S	165.567	171.652	152.305		160.914				159.468	155.061			
113	ፗ	4.2476	2.7228	2.2292		2.4008	2.2793	3.0346	2.6701	3.0391	21.3872			
113	S	167.902	174.035	152.776		158.186				154.352	150.483			
114	T	4.4389	2.8161	2.3585		2.4518				2.9236				
	S	160.666	168.269	144.400	136.466	154.895	161.428	144.968	137.861	160.450	151.101			

Iowa Speedway 0.894 mile(s) Track:

> **NTT IndyCar Series** July 20, 2019 NDYCAR



Session: Race

Section Data for Car 98 - Andretti, Marco

Report:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
115	Т	4.3011	2.7387	2.2845	2.8833	2.3211	2.3157	3.0227	2.5009	2.9864	21.0533			1
115	S	165.814	173.025	149.078	144.366	163.618	164.294	139.174	134.542	157.076	152.869			
446	Т	4.3049	2.7528	2.2659	2.8823	2.3410	2.2530	2.8937	2.4632	2.9698	20.8217			
116	S	165.667	172.139	150.302	144.416	162.227	168.866	145.379	136.602	157.954	154.570			
117	Т	4.3171	2.7562	2.2738	2.9438	2.3835	2.2805	2.9042	2.4465	2.9557	20.9442			
117	S	165.199	171.926	149.779	141.399	159.334	166.829	144.853	137.534	158.707	153.665		Т	
110	Т	4.2927	2.7398	2.2752	2.9794	2.3647	2.2632	2.8894	2.4331	2.9548	20.8996			
118	S	166.138	172.956	149.687	139.709	160.601	168.105	145.595	138.292	158.756	153.993			
119	Т	4.2568	2.7261	2.2356	2.8922	2.3354	2.3027	2.9799	2.5581	3.0685	21.0985			
119	S	167.539	173.825	152.339	143.922	162.616	165.221	141.173	131.534	152.873	152.542			
120	Т	4.4171	2.8143	2.3219	2.9723	2.3880	2.3328	2.9560	2.4756	3.0102	21.2711			
120	S	161.459	168.377	146.677	140.043	159.034	163.089	142.315	135.917	155.834	151.304			
121	T	4.3162	2.7635	2.2550	3.0827	2.4615	2.3287	3.0115	2.5681	3.0859	21.5569			
121	S	165.234	171.472	151.028	135.028	154.285	163.376	139.692	131.022	152.011	149.298			
122	Т	4.4669	2.8157	2.3771	2.8590	2.3308	2.2648	2.9450	2.4817	2.9837	21.0578			
122	S	159.659	168.293	143.270	145.593	162.937	167.986	142.846	135.583	157.218	152.836			
123	Т	4.5196	2.8781	2.3570	2.9457	2.3763	2.2856	2.9467	2.4477	2.9324	21.1695			
123	S	157.798	164.645	144.492	141.308	159.817	166.457	142.764	137.467	159.968	152.030			
124	Т	4.3121	2.7359	2.2641	2.8326	2.3239	2.2442	2.8737	2.3933	2.8807	20.5484			
124	S	165.391	173.202	150.421	146.950	163.420	169.528	146.390	140.591	162.839	156.625			
125	T	4.1780	2.6779	2.1906	2.8202	2.3108	2.2356	2.8486	2.4114	2.9294	20.4245			
123	S	170.699	176.953	155.468	147.596	164.347	170.180	147.680	139.536	160.132	157.575			
126	T	4.2870	2.7353	2.2494	2.8451	2.3296	2.2549	2.8896	2.4046	2.9061	20.6146			
120	S	166.359	173.240	151.404	146.304	163.021	168.723	145.585	139.931	161.416	156.122			
127	Т	4.2272	2.7048	2.2094	2.7723	2.2825	2.2191	2.8699	2.4993	3.0040	20.5613			
12/	S	168.713	175.194			166.385	171.445	146.584		156.155	156.527			
128	T	4.6114	2.9408		2.9308	2.3556	2.4491	2.9787		2.9122	21.3783			
120	S	154.656	161.134			161.221	155.345	141.230	+	161.078	150.545			
129	T	4.2767				2.3135	2.2612	2.8326	+	2.9362	20.6327			
	S	166.760		151.674	146.027	164.155	168.253	148.514		159.761	155.985			
130	Т	4.2267	2.7124	2.2025	2.8977	2.3436	2.2709			3.0522	20.9884			
	S	168.733	174.703	154.628		162.047	167.535			153.689	153.342			
131	T	4.4372	2.8478		2.8305	2.3328	2.2592	2.9036		2.9564	20.8744			1
	S	160.728	166.396		147.059	162.797	168.402	144.883		158.670	154.179			
132	T	4.3132	2.7560	-		2.3616	2.2661	2.9423		3.0449	21.1312			
	S	165.349	171.939		143.322	160.812	167.890			154.058	152.306			
133	T	4.3274	2.7839			2.4700	2.3134			2.9794	21.3121			
133	S	164.806	170.216	151.613	135.963	153.754	164.457	141.715	135.180	157.445	151.013			

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Section Data Report Report: July 20, 2019 INDYCAR **Session: Race**

Section Data for Car 98 - Andretti, Marco

Lap	T/S ^S	F to TB S	F to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
124	Т	4.4916	2.8245	2.4205	3.0622	2.4269	2.3318	2.9978	2.6189	3.1874	21.8700			
134	S	158.781	167.769	140.702	135.932	156.485	163.159	140.330	128.480	147.170	147.160			
135	T	4.5851	2.9241	2.4018	3.0944	2.4423	2.3526	3.0127	2.5449	3.0513	21.8241			
135	S	155.543	162.055	141.797	134.517	155.498	161.717	139.636	132.216	153.735	147.470			
136	T	4.3851	2.8000	2.2967	2.9371	2.3702	2.2857	2.9405	2.4709	2.9977	21.0988			
130	S	162.638	169.237	148.286	141.721	160.228	166.450	143.065	136.176	156.484	152.539			
137	T	4.3443	2.7700	2.3042	3.1964	2.5269	2.3835	3.0683	2.5855	3.0681	21.9029			
13/	S	164.165	171.070	147.803	130.225	150.292	159.620	137.106	130.140	152.893	146.939			
138	T	4.5400	2.9075	2.3455	2.9677	2.4608	2.3759	3.0881	2.5533	3.0347	21.7335			
130	S	157.089	162.980	145.201	140.260	154.329	160.131	136.227	131.781	154.576	148.085	i		
139	T	4.3897	2.7997	2.3154	3.0113	2.4021	2.2981	2.9620	2.5577	3.0406	21.3869			
139	S	162.467	169.255	147.088	138.229	158.100	165.552	142.026	131.555	154.276	150.485	i		
140	T	4.5414	2.8702	2.4453	3.1581	2.4584	2.3158	2.9914	2.5501	3.0352	21.8245	5		
140	S	157.040	165.098	139.275	131.804	154.480	164.286	140.630	131.947	154.550	147.467	1		
141	T	4.4116	2.8082	2.3326	3.0105	2.4014	2.3278	2.9713	2.5079	3.0078	21.3675			
141	S	161.661	168.743	146.004	138.266	158.146	163.440	141.582	134.167	155.958	150.621			
142	T	4.3475	2.7701	2.2997	2.9665	2.4017	2.3073	2.9865	2.5827	3.0324	21.3469			
142	S	164.044	171.064	148.092	140.317	158.127	164.892	140.861	130.281	154.693	150.767	1		
143	T	4.6017	2.9130	2.4378	3.0955	2.5434	3.1616	4.5198			31.7885	35.0790		24.1936
143	S	154.982	162.672	139.703	134.469	149.317	120.336	93.075			101.244	28.387		117.419
144	Т						2.7578	3.1974	2.5087	2.9628	47.8889		20.4048	
177	S						137.956	131.570	134.124	158.327	67.206		126.193	
145	LT	4.4673	2.8366	2.3686	2.9054	2.3069		2.8359	2.2831	2.8293	20.6366	i		
143	S	159.645	167.053	143.785	143.268	164.625	167.542	148.342	147.377	165.798	155.956	i		
146	T	4.1847	2.6893	2.1762	2.8174	2.3038	2.2250	2.7320	2.2615	2.8603	20.0655			
140	S	170.426	176.203	156.497	147.743	164.846	170.991	153.983	148.785	164.001	160.395	i		
147	T	4.1466	2.6750	2.1423	2.7628	2.2885	2.2019	2.7178		2.8438	19.9091			
14/	S	171.992	177.145	158.973	150.662	165.948	172.785	154.788	147.772	164.952	161.655	i		
148	T	4.1363	2.6682	2.1275	2.7159	2.2872	2.2088		2.2734	2.8757	19.8835			
140	S	172.420	177.597	160.079	153.264	166.043	172.245	154.277	148.006	163.122	161.863			
149	T	4.1480	2.6832	2.1139	2.7093	2.3083	2.2153	2.7083	2.3256	2.9037	19.9676			
149	S	171.934	176.604	161.109	153.637	164.525	171.740	155.331	144.684	161.549	161.181			
150	T	4.1894	2.7041	2.1655	2.8723	2.3446	2.2251	2.7946	2.3515	2.8917	20.3494			
130	S	170.235	175.239	157.270	144.919	161.978		150.534	143.090	162.220	158.157	1		
151	T	4.2840	2.7361	2.2370	2.7566	2.2685	2.1986	2.7585	2.2670	2.8000	20.0223			
151	S	166.476	173.189	152.243	151.001	167.411	173.044	152.504	148.424	167.532	160.741			
152	T	4.0727	2.6329	2.0786	2.6398		2.1536	2.6531	2.2512	2.8151	19.4618			
152	S	175.113	179.978	163.845	157.682	169.731	176.660	158.562	149.466	166.634	165.370			

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 98 - Andretti, Marco

Race

Report:

Session:

Lap	T/S ^S	F to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap P	I to PO	PO to SF	SF to PI
152	Т	4.1222	2.6491	2.1340	2.7660	2.2904	2.2090	2.7284	2.2684	2.8187	19.8640			
153	S	173.010	178.877	159.591	150.488	165.811	172.229	154.186	148.332	166.421	162.022			
154	Т	4.2138	2.7042	2.1824	2.7439	2.2713	2.1971	2.7641	2.2640	2.8086	19.9356			
154	S	169.249	175.232	156.052	151.700	167.205	173.162	152.195	148.621	167.019	161.440			
155	Т	4.1116	2.6459	2.1214	2.6587	2.2304	2.1651	2.7374	2.2937	2.8481	19.7007			
155	S	173.456	179.094	160.539	156.561	170.271	175.721	153.679	146.696	164.703	163.365			
156	Т	4.1548	2.6695	2.1580	2.7102	2.2459	2.1591	2.7316	2.2696	2.8160	19.7599			
130	S	171.653	177.510	157.817	153.586	169.096	176.210	154.006	148.254	166.581	162.875			
157	Т	4.0780	2.6405	2.0758	2.6916	2.2618	2.1992	2.7635	2.3201	2.8744	19.8269			
15/	S	174.885	179.460	164.066	154.648	167.907	172.997	152.228	145.027	163.196	162.325			
158	Т	4.3172	2.7998	2.1930	2.7586	2.2801	2.2489	2.8433	2.4124	2.9046	20.4407			
130	S	165.195	169.249	155.298	150.892	166.560	169.174	147.955	139.478	161.499	157.451			
150	Т	4.2708	2.7331	2.2330	2.8918	2.3501	2.2762	2.8748	2.4377	3.1941	20.9908			
159	S	166.990	173.380	152.516	143.941	161.599	167.145	146.334	138.031	146.862	153.324			
160	Т	4.4426	2.8630	2.2890	2.9508	2.3721	2.3086	2.9449	2.4429	2.9685	21.1398			
160	S	160.533	165.513	148.785	141.063	160.100	164.799	142.851	137.737	158.023	152.244			
161	Т	4.4367	2.8327	2.3095	3.1074	2.9605	2.6291	3.1956	2.7076	3.1666	22.9090			
101	S	160.746	167.283	147.464	133.954	128.280	144.709	131.644	124.271	148.137	140.486			
162	Т	4.5837	2.9170	2.4201	3.0505	2.4041	2.3193	2.9869	2.5131	3.0176	21.6286			
102	S	155.591	162.449	140.725	136.453	157.969	164.039	140.842	133.889	155.452	148.803			
163	Т	4.4660	2.8323	2.3758	3.0059	2.3804	2.2720	2.8806	2.4165	2.9463	21.1098			
103	S	159.691	167.307	143.349	138.478		167.454	146.040	139.242	159.214	152.460			
164	Т	4.2380	2.7273	2.1975	2.8689	2.3265	2.2358	2.8983	2.5164	3.0404	20.8111			
104	S	168.283	173.748	154.980	145.090	·	170.165	145.148	133.714	154.286	154.648			
165	Т	4.4231	2.8170	2.3160	2.8862	2.3717	2.2996	2.9787	2.5059	2.9576	21.1327			
103	S	161.240	168.216	147.050	144.221	160.127	165.444	141.230	134.274	158.605	152.295			
166	Т	4.2711	2.7437	2.2151	2.8293		2.2313	2.8081	2.4605	2.9421	20.5338			
100	S	166.978	172.710	153.748	147.121	164.853	170.508	149.810	136.752	159.441	156.737			
167	Т	4.2485	2.7265	2.2160	2.8099	2.3007	2.3062	2.9595	2.4841	2.9577	20.7606			
107	S	167.867	173.799	153.686	148.137	165.068	164.970	142.146	135.452	158.600	155.024			
168	Т	4.4120	2.7896		2.8923		2.2801	2.9000	2.4301	2.9263	20.9247			
100	S	161.646	169.868	145.642	143.917	160.384	166.859	145.063	138.462	160.302	153.809			
169	Т	4.2679	2.7310	2.2391	2.8850	2.3562	2.2506	2.8302	2.4921	3.0691	20.8533			
103	S	167.104	173.513	152.100	144.281	161.180	169.046	148.640	135.018	152.843	154.335			
170	Т	4.3668	2.7962	2.2689	2.9427	2.3870	2.2774	2.8952	2.4748	2.9770	21.0192			
	S	163.319	169.467	150.103	141.452	159.100	167.057	145.303	135.961	157.572	153.117			
171	Т	4.3272	2.7637	2.2787	2.9901	2.4766		4.9145			32.2634	33.4779		24.6853
	S	164.814	171.460	149.457	139.209	153.344	122.573	85.600			99.754	29.745		115.080

Track: **Iowa Speedway** 0.894 mile(s)

NTT IndyCar Series



Race

Report:

Session:

172 S	Lap	T/SSF	to TB	SF to T1	T1 to SS1	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap PI to	PO PO to SF	SF to PI
173 T 4.2225 2.7177 2.2014 2.9444 2.3705 2.2504 14.5.594 141.722 161.355 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.0.4897 1.	172				Ì			2.5281	2.8697	2.3742	2.9072	45.7268	19.8270	
174	1/2	S						150.490	146.594	141.722	161.355	70.383	129.871	
174	172	Т	4.2225	2.7177	2.2014	2.9444	2.3705	2.2504	2.7763	2.3327	2.8943	20.4877		
174 S	1/3	S	168.900	174.362	154.705	141.370	160.208	169.061	151.526	144.244	162.074	157.089		
175	174	Т	4.2294	2.7234	2.1773	2.7914	2.3373	2.2220	2.7710	2.3723	2.9145	20.3092		
175 S 169.838 174.909 158.640 150.744 163.632 174.793 160.059 150.253 165.336 162.384	1/4	S	168.625	173.997	156.418	149.119	162.484	171.222	151.816	141.836	160.951			
176	175	Т	4.1992		2.1468	2.7613	2.3209				2.8372	19.8197		
T	1/3	S												
T	176	Т	4.0981		2.0680									
177	170	S	174.027	177.890	164.685				158.574					
T	177													
T	1//	S								-				
T	178													<u> </u>
T	170													<u> </u>
180 T 6.3860 4.0305 3.4469 4.4110 3.4611 3.2270 3.9858 3.5931 4.9438 31.0992	179	-	4.1848			-	2.3021	-						
181	1,,,													
T 7.2097 4.7116 3.6591 4.6340 3.2052 3.1988 3.4644 2.8997 4.1480 29.9208	180													
181	100													<u> </u>
T	121											· 		<u> </u>
182 S 99.122 95.687 107.158 98.089 85.669 104.460 99.794 79.997 67.305 89.798 183 T 10.7058 7.4428 4.5494 5.6230 4.7969 5.1505 5.7791 5.0549 7.0694 45.4660 184 T 10.0737 6.7302 4.8543 5.8504 4.5849 4.4036 5.2494 4.0053 5.2016 40.8797 185 T 7.7730 4.9752 4.0558 5.6935 5.2405 5.0208 6.9430 5.1462 5.9930 43.0680 186 T 9.4646 6.4952 4.1803 5.5500 5.4269 3.9111 4.3170 3.6250 3.9215 37.4270 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721	-01													
T 10.7058 7.4428 4.5494 5.6230 4.7969 5.1505 5.7791 5.0549 7.0694 45.4660 S 66.616 63.667 74.860 74.026 79.170 73.867 72.794 66.565 66.355 70.787 184	182													
183 S 66.616 63.667 74.860 74.026 79.170 73.867 72.794 66.565 66.355 70.787 184 T 10.0737 6.7302 4.8543 5.8504 4.5849 4.4036 5.2494 4.0053 5.2016 40.8797 185 70.796 70.409 70.158 71.149 82.831 86.396 80.139 84.008 90.182 78.729 185 T 7.7730 4.9752 4.0558 5.6935 5.2405 5.0208 6.9430 5.1462 5.9930 43.0680 186 T 9.1751 95.245 83.971 73.110 72.469 75.776 60.591 65.384 78.273 74.728 186 T 9.4646 6.4952 4.1803 5.5500 5.4269 3.9111 4.3170 3.6250 3.9215 37.4270 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715	102	_												
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184 S 70.796 70.409 70.158 71.149 82.831 86.396 80.139 84.008 90.182 78.729 185 T 7.7730 4.9752 4.0558 5.6935 5.2405 5.0208 6.9430 5.1462 5.9930 43.0680 S 91.751 95.245 83.971 73.110 72.469 75.776 60.591 65.384 78.273 74.728 186 T 9.4646 6.4952 4.1803 5.5500 5.4269 3.9111 4.3170 3.6250 3.9215 37.4270 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 188 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154	105						•							
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185 S 91.751 95.245 83.971 73.110 72.469 75.776 60.591 65.384 78.273 74.728 186 T 9.4646 6.4952 4.1803 5.5500 5.4269 3.9111 4.3170 3.6250 3.9215 37.4270 S 75.353 72.956 81.470 75.000 69.980 97.276 97.448 92.821 119.620 85.991 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 S 116.345 120.200 109.871 114.166 106.275 119.298 107.041 102.102 112.451 111.565 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 3														
186 T 9.4646 6.4952 4.1803 5.5500 5.4269 3.9111 4.3170 3.6250 3.9215 37.4270 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 S 116.345 120.200 109.871 114.166 106.275 119.298 107.041 102.102 112.451 111.565 B T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 S 118.652 116.260 122.794 120.054 117.806 118.352 120.058 111.339 119.776 118.335 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721 S 97.679 102.304 87.193 74.563 69.951 87.612 80.658 73.964 88.251 82.582	185													
186 S 75.353 72.956 81.470 75.000 69.980 97.276 97.448 92.821 119.620 85.991 187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 S 116.345 120.200 109.871 114.166 106.275 119.298 107.041 102.102 112.451 111.565 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 S 118.652 116.260 122.794 120.054 117.806 118.352 120.058 111.339 119.776 118.335 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721 S 97.679 102.304 87.193 74.563 69.951 87.612 80.658 73.964 88.251 82.582														
187 T 6.1299 3.9423 3.0997 3.6460 3.5735 3.1891 3.9301 3.2955 4.1715 28.8477 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 188 T 6.0107 4.0759 2.7735 3.4672 3.2237 3.2146 3.5040 3.0221 3.9164 27.1974 S 118.652 116.260 122.794 120.054 117.806 118.352 120.058 111.339 119.776 118.335 189 T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721 S 97.679 102.304 87.193 74.563 69.951 87.612 80.658 73.964 88.251 82.582	186													↓
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INS 118.652 116.260 122.794 120.054 117.806 118.352 120.058 111.339 119.776 118.335 INS T 7.3013 4.6319 3.9059 5.5825 5.4291 4.3425 5.2156 4.5492 5.3154 38.9721 S 97.679 102.304 87.193 74.563 69.951 87.612 80.658 73.964 88.251 82.582		_												-
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190 S 87.270 92.057 76.706 78.179 85.427 71.389 86.151 87.483 97.477 84.189	190	Т	8.1721	5.1475	4.4399	5.3243	4.4456				4.8123	38.2282		

Event: Iowa 300 Round 12

Track: Iowa Speedway 0.894 mile(s)

NTT IndyCar Series
July 20, 2019



Section Data for Car 98 - Andretti, Marco

Race

Report:

Session:

Lap		F to TB		•	SS1 to T2	T2 to BS	BS to T3	T3 to SS2	SS2 to T4	T4 to SF	Lap	PI to PO	PO to SF	SF to PI
191	Т	8.5880	5.5011	4.5085	5.9013	5.8506	5.1374	5.5187	4.6064	6.6012	43.6252			
191	S	83.044	86.140	75.539	70.535	64.912	74.056	76.228	73.046	71.061	73.774			
192	Т	9.4953	6.7233	4.1620	5.7797	5.0500	5.1058	5.2687	4.0112	5.8686	41.9693			
192	S	75.109	70.481	81.828	72.019	75.203	74.514	79.845	83.884	79.932	76.685			
193	Т	8.7358	6.0644	3.7774	4.9675	3.8234	4.3186	5.0469	3.4889	3.3440	34.8311			
193	S	81.639	78.139	90.159	83.795	99.329	88.097	83.354	96.442	140.278	92.400			
194	T	5.0414	3.1706	2.6680	3.3165	2.6457	2.5381	3.4301	2.7190	3.1135	23.6015			
194	S	141.465	149.456	127.649	125.509	143.543	149.897	122.644	123.750	150.664	136.364			
195	工	4.7290	2.9157	2.6181	3.2053	2.4768	2.4366	3.1652	2.5792	3.0739	22.4708			
195	S	150.810	162.521	130.082	129.863	153.332	156.142	132.908	130.458	152.604	143.226			
196	T	4.4174	2.8360	2.2813	2.9555	2.4066	2.2832			2.9322	21.0213			
190	S	161.448	167.089	149.287	140.839	157.805	166.632	145.233	138.474	159.979	153.102			
197	工	4.2719	2.7451	2.2059	2.8679	2.3648	2.2437	2.8150	2.3423	2.8763	20.4610			
	S	166.947	172.622	154.390	145.141	160.594	169.566		•	163.088	157.294			
198	T	4.1680	2.6931	2.1333		2.3519	2.2354	2.7910	2.3689	2.9374	20.3030			
190	S	171.109	175.955	159.644	149.087	161.475	170.195	150.728	142.039	159.696	158.518			
199	T	4.2224	2.7257	2.1535	2.8068	2.3489	2.2424	2.7553	2.3759	2.8969	20.3054			
199	S	168.904	173.850	158.146	148.301	161.681	169.664	152.681	141.621	161.929	158.500			
200	ഥ	4.1815	2.6945	2.1523	2.8055	2.3377	2.2362	2.8405	2.3985	2.9455	20.4107			
	S	170.556	175.863	158.235	148.369	162.456	170.134			159.257	157.682			
201	I	4.2760	2.7362	2.2372	2.8581	2.3554	2.2609				20.7894			
201	S	166.787	173.183	152.230	145.639	161.235	168.276			156.724	154.810			
202	LT	4.3077	2.7660		2.9112	2.3945				2.9593	20.9383			
	S	165.560	171.317	152.913		158.602	163.608		+	158.514	153.709			
203	ㅁ	4.3357	2.7524	1	3.0734	2.5338		-			21.6006			
	S	164.491	172.164		135.436	149.883	158.801	137.965		156.866	148.996			
204	I	4.4899	2.8795								21.2874			
207	S	158.841	164.565	145.729		157.295	163.411	141.041		160.017	151.188			
205	I	4.3619	2.7821	2.2861	2.9169		3.3373	5.1274	1		32.5511			24.9650
203	S	163.503	170.326	148.973	142.703	152.611	114.001	82.046	5		98.872			113.791

Iowa 300 Event:

Track: **Iowa Speedway** 0.894 mile(s)

Round 12

Section Data Report Report:

Session: Race **NTT IndyCar Series** July 20, 2019 INDYCAR



Section Data for Car

Report Support Information

S	ection Legend
Name	Length
SF to T1	0.131629 miles
SF to TB	0.198106 miles
T1 to SS1	0.094602 miles
SS1 to T2	0.115625 miles
T2 to BS	0.105492 miles
BS to T3	0.105682 miles
T3 to SS2	0.116856 miles
SS2 to T4	0.093466 miles
T4 to SF	0.130303 miles
T1 to T2	0.210227 miles
T2 to T3	0.211174 miles
T3 to T4	0.210322 miles
Lap	0.894000 miles
PI to PO	0.276610 miles
PO to SF	0.715262 miles
SF to PI	0.789110 miles
PO to BS	0.249242 miles
BS to PI	0.316004 miles
PO to PI	0.565246 miles

Color Legend	
	Fastest Lap
	Section Under Caution
	Section Under Green
T	Section Time Data
S	Section Speed Data

