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MotoGP™

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

Free Practice Nr. 3

Chronological Analysis of Performances

13

* Lap / Sector time cancelled

P Crossing the finish line in pit lane

** Tyre data subject to further updates

T1 Time from finish line to 1st intermediate

T2 Time from 1st intermed. to 2nd intermed.

T3 Time from 2nd intermed. to 3rd intermed.

T4 Time from 3rd intermediate to finish line

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed		
1st 93	Marc MARQUEZ Repsol Honda Team						HONDA	SPA	3	1'22.014	18.215	23.430	19.225	21.144	289.8
	Runs=4 Total laps=26 Full laps=19						4	1'35.898	30.696	24.679	19.197	21.326	288.0		
	Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft		5	1'41.370	32.113	26.953	21.269	21.035	290.0	
	New Tyre 6 Laps at start						6	1'22.176	18.320	23.375	19.320	21.161	287.7		
	1	1'36.445	22.643	25.957	20.553	22.765		7	1'22.092	18.217	23.417	19.340	21.118	289.5	
	2	1'23.155	18.661	23.904	19.300	21.290	294.1	8	1'21.933	18.250	23.381	19.063	21.239	288.4	
	3	1'21.639	18.166	23.407	19.059	21.007	294.4	9	1'21.994	18.283	23.442	19.058	21.211	287.3	
	4	1'21.473	18.230	23.366	18.970	20.907	294.9	10	1'22.237	18.293	23.508	19.210	21.226	287.7	
	5	1'21.388	18.224	23.294	18.896	20.974	293.7	11	1'31.132 P	21.512	25.012	19.565	25.043	224.7	
	6	1'21.653	18.196	23.464	18.995	20.998	294.5	Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		
7	1'27.833 P	19.269	24.129	19.378	25.057	291.9	New Tyre New Tyre								
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft		12	12'41.742	20.725	24.631	19.605	21.865			
7 Laps at start 13 Laps at start						13	1'20.825	18.128	23.131	18.787	20.779	288.3			
8	5'23.560	19.389	24.341	19.931	21.648		14	1'20.515	17.915	23.066	18.742	20.792	290.0		
9	1'22.508	18.444	23.750	19.247	21.067	291.3	15	1'20.906	17.958	23.162	18.892	20.894	289.5		
10	1'21.845	18.209	23.498	19.091	21.047	293.3	16	1'21.050	18.077	23.228	18.872	20.873	287.9		
11	1'21.951	18.194	23.528	19.173	21.056	292.4	17	1'33.219 P	21.670	26.374	19.086	26.089	285.7		
12	1'21.883	18.206	23.519	19.082	21.076	292.4	Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft			
13	1'21.975	18.225	23.520	19.155	21.075	292.7	6 Laps at start New Tyre								
14	1'28.775 P	18.982	24.396	20.009	25.388	292.2	18	5'10.931	20.441	24.838	19.268	21.121			
Run #	3	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		19	1'20.518	17.934	23.077	18.742	20.765	289.9		
14 Laps at start 20 Laps at start						20	1'20.579	17.974	23.046	18.733	20.826	289.8			
15	3'33.445	23.273	25.554	20.264	21.977		21	1'20.593	17.929	23.152	18.758	20.754	290.4		
16	1'23.593	18.589	24.032	19.607	21.365	293.1	22	1'41.791 P	18.046	23.215	18.780	41.750	287.0		
17	1'21.830	18.190	23.524	19.099	21.017	293.1	3rd 12	Maverick VIÑALES YAMAHA SPA							
18	1'22.025	18.136	23.440	19.258	21.191	293.0		Monster Energy Yamaha MotoGP							
19	1'23.350	19.080	23.674	19.373	21.223	293.3		Runs=4 Total laps=22 Full laps=15							
20	1'22.212	18.194	23.591	19.310	21.117	292.6		Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		
21	1'26.357 P	18.104	23.678	19.274	25.301	292.8		5 Laps at start 4 Laps at start							
Run #	4	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft			1	1'32.211	20.792	25.067	20.078	21.998		
New Tyre New Tyre						2		1'23.032	18.592	23.711	19.221	21.508	284.0		
22	5'02.975	20.353	24.253	19.492	21.224			3	1'21.867	18.241	23.473	18.999	21.154	293.4	
23	1'20.792	18.018	23.180	18.894	20.700	292.8		4	1'21.804	18.240	23.482	19.020	21.062	292.2	
24	1'22.701	17.883	22.969	19.960	21.889	293.5		5	1'22.929	19.055	23.652	19.093	21.129	291.4	
25	1'20.347	17.843	22.974	18.773	20.757	294.2	6	1'45.846	38.553	26.064	19.929	21.300	291.1		
26	1'20.840	17.871	23.088	18.970	20.911	292.2	7	1'21.862	18.289	23.521	18.968	21.084	292.4		
2nd 20	Fabio QUARTARARO YAMAHA FRA						8	1'52.429 P	41.610	25.668	20.217	24.934	293.7		
	Petronas Yamaha SRT						Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft			
	Runs=3 Total laps=22 Full laps=16						13 Laps at start 12 Laps at start								
	Run #	1	Front Tyre	Slick-Soft	Rear Tyre	Slick-Soft		9	5'46.134	19.293	23.937	19.172	21.176		
	4 Laps at start 5 Laps at start						10	1'21.954	18.340	23.565	18.982	21.067	288.6		
	1	1'29.795	19.699	24.976	19.727	21.852		11	1'21.884	18.228	23.466	18.996	21.194	292.4	
	2	1'24.079	18.349	23.528	20.871	21.331	287.6	12	1'27.467 P	18.336	23.495	19.109	26.527	290.7	

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'20.347 17.843 22.974 18.773 20.757

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Sachsenring, Saturday, July 06, 2019

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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
Run # 3 Front Tyre Slick-Hard Rear Tyre Slick-Hard New Tyre New Tyre							4	1'21.839	18.393	23.432	18.993	21.021	290.4
13	8'17.020	19.156	23.915	19.182	21.206		5	1'21.745	18.273	23.479	19.024	20.969	292.9
14	1'21.035	18.194	23.239	18.741	20.861	289.9	6	1'21.674	18.323	23.357	19.020	20.974	291.1
15	1'20.810	18.001	23.261	18.779	20.769	291.2	7	1'21.652	18.278	23.392	19.051	20.931	291.9
16	1'20.686	17.964	23.261	18.738	20.723	291.1	8	1'31.549 P	20.883	24.388	20.566	25.712	280.0
17	1'25.164 P	18.253	23.470	18.918	24.523	292.4	Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 17 Laps at start 14 Laps at start						
Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre							9	6'37.566	21.495	25.365	20.389	22.001	
18	5'03.931	18.907	23.824	19.114	20.958		10	1'23.000	18.637	23.997	19.244	21.122	289.5
19	1'20.747	18.118	23.166	18.662	20.801	290.4	11	1'22.044	18.330	23.544	19.102	21.068	290.6
20	1'20.634	17.946	23.169	18.717	20.802	291.6	12	1'21.919	18.336	23.477	19.124	20.982	290.6
21	1'23.011	17.987	24.821	19.302	20.901	292.5	13	1'21.857	18.247	23.571	19.026	21.013	291.5
22	1'20.973	18.009	23.316	18.797	20.851	289.8	14	1'26.338 P	18.381	23.651	19.194	25.112	290.4
4th 35 Cal CRUTCHLOW HONDA GBR LCR Honda CASTROL Runs=4 Total laps=21 Full laps=14							Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Medium 4 Laps at start New Tyre							15	6'28.032	21.686	24.788	19.432	21.660	
1	1'46.582	19.769	25.356	20.317	21.560		16	1'21.833	18.588	23.517	18.907	20.821	290.9
2	1'23.330	18.716	23.963	19.460	21.191	289.6	17	1'21.245	18.147	23.369	18.885	20.844	290.7
3	1'21.988	18.345	23.335	19.200	21.108	294.5	18	1'21.094	18.132	23.325	18.913	20.724	290.7
4	1'21.953	18.340	23.420	19.201	20.992	291.3	19	1'30.071 P	19.719	25.512	19.899	24.941	287.3
5	1'21.739	18.254	23.431	19.113	20.941	293.1	Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Hard 5 Laps at start New Tyre						
6	1'21.903	18.266	23.477	19.165	20.995	293.1	20	4'09.804	20.333	24.605	19.283	20.966	
7	1'30.991 P	20.796	25.103	20.004	25.088	291.0	21	1'21.476	18.271	23.267	18.721	21.217	291.9
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Medium 11 Laps at start 7 Laps at start							22	1'20.679	18.009	23.194	18.765	20.711	293.4
8	5'47.154	18.616	24.202	19.676	21.257		23	1'21.050	18.130	23.248	18.864	20.808	291.4
9	1'21.951	18.355	23.426	19.209	20.961	291.6	6th 21 Franco MORBIDELLI YAMAHA ITA Petronas Yamaha SRT Runs=4 Total laps=22 Full laps=15						
10	1'21.768	18.256	23.361	19.146	21.005	291.2	Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Medium New Tyre New Tyre						
11	1'22.193	18.318	23.538	19.225	21.112	294.0	1	1'30.269	20.455	24.818	19.864	21.712	
12	1'22.078	18.190	23.591	19.180	21.117	292.8	2	1'22.519	18.403	23.492	19.537	21.087	287.9
13	1'30.712 P	18.381	27.090	20.184	25.057	291.9	3	1'21.834	18.243	23.473	19.116	21.002	287.6
Run # 3 Front Tyre Slick-Hard Rear Tyre Slick-Soft New Tyre New Tyre							4	1'21.483	18.200	23.360	19.012	20.911	287.7
14	7'23.890	22.906	24.303	19.576	21.185		5	1'21.534	18.156	23.477	19.081	20.820	287.3
15	1'22.113	18.561	23.520	19.157	20.875	289.0	6	1'21.682	18.218	23.417	19.079	20.968	286.6
16	1'21.186	18.035	23.160	19.002	20.989	293.9	7	1'21.638	18.148	23.435	19.147	20.908	287.0
17	1'29.652 P	19.359	25.279	19.811	25.203	290.7	8	1'45.863 P	33.854	26.676	20.317	25.016	287.0
Run # 4 Front Tyre Slick-Hard Rear Tyre Slick-Soft 4 Laps at start New Tyre							Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Medium 8 Laps at start 8 Laps at start						
18	6'26.841	19.427	23.949	19.335	20.844		9	5'27.574	21.074	24.358	19.563	21.243	
19	1'31.119	21.832	29.114	19.328	20.845	294.5	10	1'22.219	18.416	23.671	19.136	20.996	286.2
20	1'20.653	17.986	22.985	18.784	20.898	295.9	11	1'22.691	18.224	23.638	19.162	21.667	286.5
21	1'40.558	26.868	27.811	23.578	22.301	286.2	12	1'22.328	18.360	23.633	19.160	21.175	286.9
5th 42 Alex RINS SUZUKI SPA Team SUZUKI ECSTAR Runs=4 Total laps=23 Full laps=16							13	1'22.388	18.300	23.712	19.213	21.163	287.6
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard 9 Laps at start 6 Laps at start							14	1'31.857 P	18.492	25.232	19.707	28.426	286.9
1	2'03.908	21.733	26.324	20.351	21.630		Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
2	1'22.570	18.726	23.730	19.105	21.009	288.9	15	8'49.663	25.365	24.979	19.431	21.485	
3	1'21.781	18.310	23.489	19.066	20.916	291.9	16	1'21.532	18.251	23.297	19.045	20.939	287.1
Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'20.347 17.843 22.974 18.773 20.757							17	1'24.950 P	18.214	23.319	19.081	24.336	287.3

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Sachsenring, Saturday, July 06, 2019

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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>3 Laps at startNew Tyre</div>							<div>Run # 2Front TyreSlick-MediumRear TyreSlick-Medium</div> <div>13 Laps at start8 Laps at start</div>						
18	4'20.191	19.918	24.081	19.157	21.029		9	7'26.484	22.858	24.635	19.537	21.222	
19	1'21.217	18.264	23.354	18.830	20.769	287.4	10	1'23.076	18.554	23.680	19.355	21.487	293.7
20	1'20.833	18.104	23.236	18.762	20.731	288.6	11	1'22.169	18.221	23.417	19.291	21.240	292.3
21	1'21.365	18.020	23.159	19.135	21.051	290.7	12	1'23.479	18.628	24.232	19.455	21.164	295.3
22	1'27.586	22.676	24.431	19.347	21.132	272.2	13	1'22.194	18.186	23.581	19.355	21.072	293.1
7th	9	Danilo PETRUCCI			DUCATI	ITA	<div>Run # 3Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>New TyreNew Tyre</div>						
		Ducati Team					<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>4 Laps at startNew Tyre</div>						
Runs=4Total laps=22Full laps=15							<div>Run # 1Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>4 Laps at startNew Tyre</div>						
1	1'55.126	20.953	24.739	20.117	21.517		15	7'37.827	19.754	24.438	19.520	21.010	
2	1'23.022	18.556	23.864	19.493	21.109	288.0	16	1'21.238	18.070	23.228	19.100	20.840	293.0
3	1'22.338	18.341	23.482	19.244	21.271	290.2	17	1'21.559	18.017	23.290	19.281	20.971	293.7
4	1'22.007	18.307	23.468	19.286	20.946	290.3	18	1'28.857	P19.134	24.902	19.885	24.936	290.8
5	1'21.862	18.230	23.499	19.259	20.874	291.8	<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>4 Laps at startNew Tyre</div>						
6	1'37.295	P19.633	28.433	23.189	26.040	291.7	19	2'58.365	17.702	23.867	19.545	20.975	
<div>Run # 2Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>10 Laps at start6 Laps at start</div>							20	1'20.891	17.942	23.158	19.055	20.736	294.0
7	6'49.979	25.279	24.720	19.578	21.543		21	1'20.966	17.936	23.079	19.070	20.881	294.5
8	1'22.250	18.336	23.720	19.188	21.006	291.4	22	1'24.977	17.975	24.328	20.600	22.074	294.3
9	1'21.949	18.264	23.487	19.262	20.936	290.6	23	1'27.279	P18.048	23.317	19.213	26.701	292.6
10	1'21.853	18.177	23.531	19.199	20.946	291.5	<div>9th</div> <div>36</div> <div>Joan MIR</div> <div>Team SUZUKI ECSTAR</div> <div>SUZUKISPAN</div> <div>Runs=4Total laps=22Full laps=14</div>						
11	1'22.020	18.166	23.548	19.274	21.032	291.7	<div>Run # 1Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>22 Laps at start15 Laps at start</div>						
12	1'37.135	20.254	29.745	21.155	25.981	291.4	1	1'58.808	21.264	25.544	20.292	21.591	
13	1'21.944	18.261	23.634	19.128	20.921	291.1	2	1'23.392	18.676	23.993	19.562	21.161	291.6
14	1'21.714	18.085	23.469	19.197	20.963	291.7	3	1'22.557	18.529	23.757	19.283	20.988	287.0
15	1'32.910	P21.505	25.722	20.229	25.454	290.7	4	1'22.402	18.352	23.649	19.320	21.081	292.4
<div>Run # 3Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>New TyreNew Tyre</div>							5	1'22.504	18.443	23.644	19.309	21.108	290.7
16	6'54.709	21.226	31.236	22.243	20.918		6	1'30.987	P18.462	23.704	19.404	29.417	291.2
17	1'20.867	17.992	23.091	18.873	20.911	291.9	<div>Run # 2Front TyreSlick-SoftRear TyreSlick-Medium</div> <div>New TyreNew Tyre</div>						
18	1'33.629	P20.446	26.532	20.823	25.828	291.2	7	5'55.208	21.535	24.561	19.791	21.180	
<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Medium</div> <div>3 Laps at startNew Tyre</div>							8	1'21.913	18.320	23.458	19.185	20.950	289.1
19	4'01.072	21.034	24.095	19.400	21.183		9	1'21.524	17.992	23.388	19.226	20.918	292.2
20	1'21.082	18.077	23.241	18.963	20.801	291.9	10	1'21.774	18.061	23.502	19.259	20.952	290.3
21	1'21.279	18.003	23.286	19.134	20.856	292.2	11	1'30.479	P20.300	25.284	19.484	25.411	284.1
22	1'37.646	21.177	31.308	22.276	22.885	282.0	<div>Run # 3Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>New TyreNew Tyre</div>						
8th	43	Jack MILLER			DUCATI	AUS	<div>Run # 2Front TyreSlick-SoftRear TyreSlick-Medium</div> <div>New TyreNew Tyre</div>						
		Pramac Racing					<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>New TyreNew Tyre</div>						
Runs=4Total laps=23Full laps=15							12	7'12.629	23.025	24.551	19.459	21.493	
<div>Run # 1Front TyreSlick-MediumRear TyreSlick-Medium</div> <div>5 Laps at startNew Tyre</div>							13	1'21.813	18.402	23.430	19.072	20.909	291.4
1	1'48.426	19.959	24.891	20.414	21.939		14	1'21.271	18.080	23.194	19.099	20.898	290.9
2	1'22.889	18.240	23.664	19.638	21.347	294.3	15	1'26.969	P18.185	23.324	19.371	26.089	289.0
3	1'21.742	18.074	23.254	19.262	21.152	295.4	<div>Run # 4Front TyreSlick-MediumRear TyreSlick-Hard</div> <div>New TyreNew Tyre</div>						
4	1'21.587	18.099	23.282	19.317	20.889	296.6	16	5'09.111	20.938	24.329	19.472	20.866	
5	1'21.411	17.982	23.405	19.155	20.869	296.7	17	1'21.139	18.039	23.207	19.109	20.784	289.9
6	1'28.513	18.342	25.905	21.783	22.483	294.8	18	1'20.986	18.053	23.156	19.006	20.771	291.7
7	1'21.833	18.160	23.513	19.242	20.918	295.5	19	1'21.149	18.097	23.188	19.000	20.864	289.7
8	1'32.914	P20.237	25.072	19.816	27.789	293.3	20	1'21.374	18.158	23.309	19.037	20.870	291.4
							21	1'21.679	18.159	23.320	19.240	20.960	292.7
							22	1'46.932	P24.499	31.647	23.689	27.097	288.7

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'20.347 17.843 22.974 18.773 20.757

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Sachsenring, Saturday, July 06, 2019

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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
10th 44	Pol ESPARGARO KTM SPA Red Bull KTM Factory Racing Runs=5 Total laps=20 Full laps=10						15	1'22.238	18.267	23.722	19.199	21.050	288.6
							16	1'22.357	18.332	23.567	19.279	21.179	288.8
							17	1'27.832 P	18.251	23.693	19.271	26.617	288.9
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft	
4 Laps at start							New Tyre						
1	1'37.082	22.050	25.991	20.450	22.889		18	5'44.304	20.591	25.851	19.483	21.145	
2	1'23.524	18.660	23.900	19.418	21.546	291.0	19	1'21.421	18.168	23.243	18.964	21.046	288.2
3	1'21.709	18.229	23.482	18.950	21.048	293.2	20	1'21.391	18.103	23.313	19.002	20.973	289.8
4	1'21.461	18.300	23.482	18.841	20.838	295.4	21	1'31.043 P	20.821	24.609	19.616	25.997	286.0
5	1'21.997	18.365	23.514	19.164	20.954	291.1	Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft						
6	1'32.346 P	23.511	24.516	19.449	24.870	290.2	4 Laps at start						New Tyre
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		22	2'16.926	18.946	23.867	19.444	21.061	
10 Laps at start						6 Laps at start	23	1'21.026	18.058	23.175	18.957	20.836	288.3
7	5'47.126	21.091	23.959	19.567	21.287		24	1'21.031	17.948	23.147	19.030	20.906	290.0
8	1'23.398	18.571	23.934	19.502	21.391	292.6	25	1'56.555	30.914	37.627	21.858	26.156	287.3
9	1'27.554 P	18.437	23.810	19.384	25.923	291.4	12th 41 Aleix ESPARGARO APRILIA SPA Aprilia Racing Team Gresini Runs=4 Total laps=18 Full laps=10						
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
13 Laps at start						9 Laps at start	7 Laps at start						New Tyre
10	6'17.256	21.362	24.763	19.537	22.094		1	1'36.553	21.958	25.999	20.494	22.694	
11	1'22.767	18.373	23.798	19.378	21.218	290.9	2	1'23.434	18.729	23.831	19.326	21.548	284.7
12	1'22.287	18.274	23.756	19.225	21.032	293.4	3	1'21.912	18.144	23.353	19.184	21.231	296.2
13	1'28.353 P	19.198	24.833	19.795	24.527	286.2	4	1'21.086	18.212	23.318	18.776	20.780	296.2
Run #	4	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		5	1'21.492	18.317	23.428	18.873	20.874	292.2
New Tyre						New Tyre	6	1'21.526	18.202	23.424	18.924	20.976	295.0
14	7'11.201	18.813	24.090	19.523	21.249		7	1'27.177 P	18.843	23.902	19.334	25.098	291.0
15	1'21.532	18.147	23.528	19.023	20.834	292.3	Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
16	1'27.275 P	18.110	24.073	20.268	24.824	292.8	14 Laps at start						7 Laps at start
Run #	5	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		8	5'33.357	20.203	24.569	19.804	21.605	
3 Laps at start						New Tyre	9	1'22.855	18.608	23.766	19.341	21.140	289.5
17	2'47.680	18.781	23.747	19.156	20.810		10	1'27.438 P	18.455	23.857	19.645	25.481	290.7
18	1'21.019	17.960	23.390	18.901	20.768	293.8	Run #	3	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft	
19	1'30.063	22.545	24.558	19.773	23.187	295.7	New Tyre						New Tyre
unfinished	18.094				294.8		11	7'47.329	22.568	24.942	19.925	21.505	
11th 46 Valentino ROSSI YAMAHA ITA Monster Energy Yamaha MotoGP Runs=4 Total laps=25 Full laps=18							12	1'22.461	18.557	23.603	19.257	21.044	291.8
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		13	1'22.114	18.336	23.515	19.210	21.053	291.7
5 Laps at start						New Tyre	14	1'31.734 P	19.603	25.413	20.344	26.374	285.8
1	1'54.662	19.846	24.509	20.051	22.124		Run #	4	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft	
2	1'26.945	18.604	27.549	19.539	21.253	284.8	4 Laps at start						New Tyre
3	1'21.897	18.213	23.468	19.211	21.005	291.4	15	10'16.190	21.765	24.334	19.279	20.932	
4	1'21.509	18.175	23.254	19.103	20.977	289.6	16	1'21.619	18.204	23.436	19.007	20.972	294.1
5	1'22.251	18.224	23.598	19.186	21.243	290.4	17	1'21.522	18.123	23.452	18.960	20.987	294.8
6	1'21.924	18.250	23.484	19.123	21.067	290.1	18	1'38.285 P	22.301	30.661	19.797	25.526	286.5
7	1'21.684	18.165	23.382	19.067	21.070	289.4	13th 30 Takaaki NAKAGAMI HONDA JPN LCR Honda IDEMITSU Runs=3 Total laps=24 Full laps=19						
8	1'22.121	18.276	23.518	19.116	21.211	290.3	Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft	
9	1'22.285	18.205	23.556	19.310	21.214	288.4	7 Laps at start						7 Laps at start
10	1'29.485 P	19.241	24.900	20.060	25.284	284.8	1	1'54.476	21.373	25.963	21.677	22.841	
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		2	1'24.254	19.490	23.979	19.448	21.337	280.5
15 Laps at start						10 Laps at start	3	1'26.393	20.018	25.923	19.285	21.167	288.5
11	6'01.920	21.149	24.731	19.939	22.001		4	1'22.251	18.565	23.453	19.109	21.124	286.5
12	1'22.609	18.341	23.681	19.430	21.157	286.7	5	1'22.564	18.691	23.635	19.179	21.059	272.7
13	1'33.594	24.187	28.362	19.678	21.367	289.0							
14	1'22.355	18.263	23.659	19.316	21.117	287.3							

Fastest Lap: Marc MARQUEZ

Repsol Honda Team

SPA

1'20.347

17.843

22.974

18.773

20.757

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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed	
6	1'22.773	18.521	23.527	19.299	21.426	285.7	21	1'21.243	18.026	23.341	18.905	20.971	296.4	
7	1'22.093	18.551	23.456	19.041	21.045	288.6	22	1'21.471	18.009	23.395	19.057	21.010	295.3	
8	1'35.289 P	22.730	27.366	19.565	25.628	280.6								
Run # 2		Front Tyre Slick-Hard		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
9	7'05.606	21.466	25.559	20.075	21.670									
10	1'22.893	18.978	23.745	19.096	21.074	283.0								
11	1'26.771	20.167	25.338	19.790	21.476	287.1								
12	1'21.778	18.385	23.429	19.046	20.918	287.5								
13	1'21.642	18.369	23.367	18.996	20.910	286.7								
14	1'37.462	21.468	35.101	19.692	21.201	287.0								
15	1'21.558	18.438	23.359	18.849	20.912	288.1								
16	1'33.774 P	22.577	25.456	19.753	25.988	282.2								
Run # 3		Front Tyre Slick-Hard		Rear Tyre Slick-Soft										
		8 Laps at start		New Tyre										
17	6'09.592	23.197	25.450	19.882	21.297									
18	1'21.275	18.434	23.304	18.860	20.677	286.8								
19	1'31.936	22.644	28.472	19.739	21.081	288.2								
20	1'27.709	21.024	25.289	19.666	21.730	287.0								
21	1'21.125	18.294	23.334	18.803	20.694	287.1								
22	1'46.115	27.073	32.736	24.771	21.535	264.0								
23	1'24.124	19.082	24.503	19.384	21.155	285.4								
24	1'21.205	18.382	23.210	18.814	20.799	288.1								
14th	4	Andrea DOVIZIOSO			DUCATI		ITA							
		Ducati Team												
		Runs=4		Total laps=22		Full laps=15								
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		5 Laps at start		New Tyre										
1	1'53.842	20.258	25.891	21.561	22.253									
2	1'24.144	18.851	23.984	19.677	21.632	288.8								
3	1'22.317	18.268	23.545	19.310	21.194	295.8								
4	1'22.702	18.961	23.469	19.205	21.067	295.2								
5	1'21.589	18.208	23.359	19.088	20.934	293.8								
6	1'23.517	18.418	23.692	19.821	21.586	289.3								
7	1'21.799	18.257	23.532	19.064	20.946	290.0								
8	1'26.893 P	19.452	23.551	19.147	24.743	295.0								
Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		13 Laps at start		8 Laps at start										
9	8'04.188	21.505	24.339	19.742	21.737									
10	1'23.687	18.575	23.880	19.814	21.418	287.6								
11	1'22.588	18.276	23.704	19.317	21.291	294.1								
12	1'22.266	18.156	23.695	19.231	21.184	295.1								
13	1'22.746	18.130	23.931	19.477	21.208	295.3								
14	1'26.005 P	18.098	23.792	19.359	24.756	295.4								
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
15	5'16.349	20.787	29.472	20.465	21.391									
16	1'23.366	18.426	23.859	19.554	21.527	291.2								
17	1'21.819	18.075	23.344	19.032	21.368	293.7								
18	1'29.092 P	18.014	23.428	19.093	28.557	294.2								
Run # 4		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		4 Laps at start		New Tyre										
19	4'55.127	24.401	24.071	19.462	21.239									
20	1'21.184	18.061	23.294	18.885	20.944	295.4								

15th		88	Miguel OLIVEIRA			KTM		POR					
		Red Bull KTM Tech 3											
		Runs=4		Total laps=23		Full laps=16							
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Soft									
		8 Laps at start		3 Laps at start									
1	1'38.468	20.747	25.692	20.310	22.010								
2	1'23.256	18.877	23.832	19.327	21.220	281.9							
3	1'22.997	18.885	23.568	19.163	21.381	278.0							
4	1'22.458	18.635	23.516	19.125	21.182	280.3							
5	1'22.195	18.486	23.499	19.128	21.082	278.6							
6	1'22.748	18.651	23.685	19.198	21.214	275.7							
7	1'22.619	18.442	23.662	19.309	21.206	286.0							
8	1'34.412 P	22.897	26.007	20.189	25.319	256.4							
Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Hard									
		16 Laps at start		New Tyre									
9	7'38.236	21.758	24.417	19.767	21.378								
10	1'22.961	18.579	23.696	19.486	21.200	274.5							
11	1'24.056	18.520	23.635	20.228	21.673	274.4							
12	1'21.875	18.428	23.337	18.970	21.140	288.8							
13	1'21.527	18.264	23.373	18.914	20.976	287.3							
14	1'27.134	21.002	25.180	19.568	21.384	278.0							
15	1'21.880	18.427	23.465	18.980	21.008	286.7							
16	1'30.287 P	21.695	24.117	19.239	25.236	277.9							
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Soft									
		New Tyre		New Tyre									
17	5'20.093	22.419	24.604	19.477	21.259								
18	1'21.572	18.282	23.380	19.000	20.910	289.8							
19	1'21.442	18.203	23.304	18.986	20.949	292.1							
20	1'27.893 P	19.208	24.714	19.444	24.527	286.7							
Run # 4		Front Tyre Slick-Medium		Rear Tyre Slick-Soft									
		4 Laps at start		New Tyre									
21	4'08.489	23.234	23.930	19.392	20.931								
22	1'21.384	18.243	23.371	18.981	20.789	291.6							
23	1'21.375	18.219	23.256	19.018	20.882	292.2							

16th		29	Andrea IANNONE			APRILIA		ITA					
		Aprilia Racing Team Gresini											
		Runs=4		Total laps=25		Full laps=18							
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Hard									
		7 Laps at start		New Tyre									
1	1'31.702	21.444	25.262	20.131	21.974								
2	1'29.850	20.517	24.967	22.558	21.808	285.2							
3	1'22.303	18.536	23.497	19.143	21.127	287.0							
4	1'23.136	18.358	23.374	19.092	22.312	289.0							
5	1'22.017	18.387	23.543	19.094	20.993	285.3							
6	1'22.413	18.393	23.564	19.132	21.324	288.4							
7	1'34.003 P	20.760	26.749	20.516	25.978	281.1							
Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Hard									
		14 Laps at start		7 Laps at start									
8	6'13.763	23.081	25.744	21.188	28.822								
9	1'22.355	18.493	23.566	19.165	21.131	288.6							
10	1'22.066	18.390	23.446	19.132	21.098	288.8							
11	1'23.725	18.324	24.225	19.435	21.741	288.6							

Fastest Lap:		Marc MARQUEZ			Repsol Honda Team		SPA	1'20.347	17.843	22.974	18.773	20.757
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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
12	1'22.287	18.434	23.399	19.154	21.300	286.3	1	1'32.434	20.815	25.320	20.283	22.093	
13	1'33.555 P	21.402	26.352	19.939	25.862	291.8	2	1'23.560	18.958	23.790	19.425	21.387	271.6
Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre							3	1'26.795	18.695	25.571	19.393	23.136	295.9
14	5'44.259	24.702	24.988	19.567	21.290		4	1'22.527	18.397	23.612	19.404	21.114	290.5
15	1'21.664	18.314	23.291	18.953	21.106	286.4	5	1'22.431	18.406	23.685	19.205	21.135	289.4
16	1'26.604	18.298	26.507	20.251	21.548	288.3	6	1'22.442	18.357	23.694	19.221	21.170	292.2
17	1'22.814	18.428	23.420	19.138	21.828	287.0	7	1'22.403	18.364	23.688	19.262	21.089	291.9
18	1'21.838	18.397	23.304	19.049	21.088	287.8	8	1'22.553	18.357	23.729	19.285	21.182	292.2
19	1'21.906	18.235	23.340	19.085	21.246	288.6	9	1'28.571 P	19.157	24.407	19.778	25.229	288.6
20	1'34.792 P	20.456	28.271	20.322	25.743	283.0	Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Soft 14 Laps at start 14 Laps at start						
Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 7 Laps at start New Tyre							10	6'23.595	22.227	24.954	19.810	21.406	
21	2'55.030	20.531	24.206	19.414	21.276		11	1'22.933	18.456	23.816	19.451	21.210	291.4
22	1'21.381	18.128	23.267	18.983	21.003	289.6	12	1'22.525	18.446	23.761	19.206	21.112	291.1
23	1'22.360	18.053	23.236	19.549	21.522	290.3	13	1'22.573	18.381	23.749	19.201	21.242	292.6
24	1'21.617	18.145	23.263	19.092	21.117	290.3	14	1'22.416	18.322	23.699	19.238	21.157	291.8
25	1'49.830	24.564	36.703	24.070	24.493	279.4	15	1'22.839	18.411	23.879	19.274	21.275	291.9
17th 5 Johann ZARCO KTM FRA Red Bull KTM Factory Racing Runs=4 Total laps=20 Full laps=13							16	1'23.168	18.327	23.960	19.413	21.468	291.3
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre New Tyre							17	1'31.435 P	22.276	24.705	19.552	24.902	284.5
1	1'39.632	19.298	24.937	20.312	21.648		Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
2	1'22.260	18.443	23.405	19.124	21.288	290.0	18	6'29.313	20.329	25.165	20.072	27.015	
3	1'22.745	18.563	23.511	19.164	21.507	277.9	19	1'30.950	18.277	31.630	19.850	21.193	290.5
4	1'21.731	18.325	23.330	19.052	21.024	288.6	20	1'21.767	18.204	23.600	19.057	20.906	291.8
5	1'21.611	18.135	23.369	18.993	21.114	291.8	21	1'27.671 P	18.591	24.665	19.640	24.775	288.2
6	1'27.203 P	18.596	23.822	19.441	25.344	280.3	Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 4 Laps at start New Tyre						
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 6 Laps at start 6 Laps at start							22	2'59.481	19.721	24.966	19.602	21.371	
7	9'27.636	19.070	28.861	19.822	21.305		23	1'21.522	18.179	23.512	19.003	20.828	292.4
8	1'22.446	18.444	23.577	19.286	21.139	287.6	24	1'21.443	18.227	23.361	18.976	20.879	291.1
9	1'22.418	18.298	23.648	19.258	21.214	291.2	19th 53 Tito RABAT DUCATI SPA Reale Avintia Racing Runs=3 Total laps=22 Full laps=16						
10	1'22.688	18.365	23.741	19.396	21.186	288.5	Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre New Tyre						
11	1'30.904 P	19.562	25.087	19.907	26.348	277.1	1	1'32.124	20.730	25.412	20.251	21.968	
Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre							2	1'23.708	18.986	23.966	19.450	21.306	273.8
12	8'17.960	18.849	24.289	19.565	21.229		3	1'22.308	18.490	23.476	19.208	21.134	289.4
13	1'22.139	18.247	23.534	19.246	21.112	290.0	4	1'21.947	18.367	23.399	19.137	21.044	286.8
14	1'21.851	18.215	23.494	19.068	21.074	289.7	5	1'22.327	18.348	23.694	19.248	21.037	290.6
15	1'21.904	18.194	23.429	19.192	21.089	290.4	6	1'32.952	24.467	28.034	19.264	21.187	290.9
16	1'29.807 P	19.661	24.972	19.656	25.518	283.5	7	1'22.582	18.390	23.711	19.276	21.205	290.7
Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 5 Laps at start New Tyre							8	1'22.790	18.410	23.708	19.471	21.201	290.6
17	3'25.468	19.495	24.271	19.507	21.053		9	1'30.030 P	18.512	24.934	20.853	25.731	287.6
18	1'22.211	18.168	23.503	19.256	21.284	292.5	Run # 2 Front Tyre Slick-Soft Rear Tyre Slick-Soft New Tyre New Tyre						
19	1'52.544	28.230	43.870	19.416	21.028	272.1	10	12'50.171	35.085	28.532	20.616	21.904	
20	1'21.435	18.197	23.270	19.024	20.944	291.4	11	1'29.205	20.533	25.968	20.287	22.417	284.8
18th 6 Stefan BRADL HONDA GER Repsol Honda Team Runs=4 Total laps=24 Full laps=17							12	1'23.253	18.542	23.774	19.460	21.477	284.5
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Soft 5 Laps at start 5 Laps at start							13	1'23.249	18.398	23.701	19.955	21.195	287.6
1							14	1'23.232	18.339	24.413	19.404	21.076	289.4
2							15	1'22.550	18.271	23.627	19.396	21.256	289.5
3							16	1'22.496	18.335	23.616	19.376	21.169	287.9
4							17	1'26.571 P	18.299	23.745	19.425	25.102	289.5
5													

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'20.347 17.843 22.974 18.773 20.757

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Free Practice Nr. 3

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft 9 Laps at start New Tyre							11	1'23.368	18.598	23.998	19.398	21.374	287.3
18	4'58.610	20.227	47.031	26.044	21.729		12	1'23.639	18.619	24.031	19.576	21.413	287.4
19	1'24.092	18.842	24.969	19.194	21.087	279.5	13	1'29.449	21.457	27.169	19.558	21.265	289.6
20	1'21.814	18.195	23.397	19.019	21.203	289.8	14	1'23.193	18.515	23.994	19.399	21.285	287.5
21	1'21.611	18.227	23.363	19.024	20.997	288.9	15	1'35.458 P	20.376	26.964	21.210	26.908	289.2
22	1'45.650 P	23.366	28.304	20.621	33.359	286.8	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
20th 17 Karel ABRAHAM DUCATI CZE Reale Avintia Racing Runs=3 Total laps=21 Full laps=16							16	12'52.924	22.186	25.363	19.709	24.365	
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre New Tyre							17	1'22.336	18.451	23.686	19.198	21.001	288.5
1	1'32.657	20.449	25.259	20.297	22.110		18	1'31.835	20.809	29.016	20.094	21.916	290.3
2	1'23.590	19.057	23.803	19.278	21.452	274.1	19	1'21.972	18.335	23.470	19.064	21.103	289.3
3	1'22.653	18.646	23.751	19.053	21.203	293.0	22nd 63 Francesco BAGNAIA DUCATI ITA Pramac Racing Runs=5 Total laps=21 Full laps=12						
4	1'22.020	18.542	23.493	18.927	21.058	291.6	Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Medium New Tyre New Tyre						
5	1'22.365	18.485	23.452	19.041	21.387	289.7	1	1'54.003	21.302	26.096	20.589	22.182	
6	1'27.076	19.656	23.816	19.177	24.427	286.8	2	1'24.432	19.098	24.205	19.598	21.531	285.7
7	1'22.518	18.508	23.588	19.124	21.298	287.4	3	1'23.081	18.651	23.869	19.329	21.232	291.4
8	1'22.555	18.552	23.568	19.124	21.311	287.5	4	1'22.905	18.547	23.832	19.301	21.225	292.2
9	1'32.771 P	20.542	25.715	20.034	26.480	283.9	5	1'23.006	18.536	23.761	19.244	21.465	293.8
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 9 Laps at start 9 Laps at start							6	1'22.565	18.440	23.747	19.213	21.165	290.6
10	7'38.698	21.727	24.476	19.708	22.082		7	1'31.984	18.463	23.720	25.047	24.754	292.7
11	1'22.604	18.474	23.652	19.223	21.255	288.4	8	1'23.029	18.628	23.729	19.351	21.321	290.5
12	1'33.738	20.590	29.719	20.799	22.630	290.7	9	1'30.707 P	20.493	24.720	20.163	25.331	292.5
13	1'22.340	18.419	23.630	19.156	21.135	288.9	Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 9 Laps at start New Tyre						
14	1'22.260	18.454	23.584	19.119	21.103	288.8	10	9'00.216	21.969	25.699	20.187	21.597	
15	1'22.285	18.373	23.585	19.076	21.251	290.7	11	1'23.498	18.829	23.995	19.389	21.285	291.5
16	1'31.769 P	20.628	25.248	19.747	26.146	292.4	12	1'31.912 P	18.519	24.597	23.320	25.476	290.1
Run # 3 Front Tyre Slick-Soft Rear Tyre Slick-Soft New Tyre New Tyre							Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre 3 Laps at start						
17	11'35.518	22.021	26.455	19.447	21.358		13	5'09.949	20.239	25.007	19.751	21.369	
18	1'21.847	18.379	23.450	18.982	21.036	291.8	14	1'23.003	18.635	23.932	19.258	21.178	290.3
19	1'21.832	18.422	23.436	18.821	21.153	285.8	15	1'27.542 P	19.454	24.117	19.411	24.560	292.0
20	1'33.005	20.689	31.331	19.585	21.400	288.2	Run # 4 Front Tyre Slick-Soft Rear Tyre Slick-Soft New Tyre New Tyre						
21	1'22.539	18.596	23.562	19.144	21.237	283.7	16	5'32.045	20.562	25.438	19.989	21.393	
21st 55 Hafizh SYAHRIN KTM MAL Red Bull KTM Tech 3 Runs=3 Total laps=19 Full laps=14							17	1'22.499	18.549	23.718	19.202	21.030	290.7
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre New Tyre							18	1'22.150	18.299	23.629	19.151	21.071	292.2
1	1'41.995	22.045	26.225	20.519	22.015		19	1'27.805 P	18.802	24.270	19.857	24.876	290.7
2	1'24.310	18.998	24.209	19.658	21.445	284.8	Run # 5 Front Tyre Slick-Soft Rear Tyre Slick-Soft 4 Laps at start 4 Laps at start						
3	1'27.108	18.598	25.525	19.830	23.155	288.3	20	1'43.747	20.425	24.347	19.355	21.339	
4	1'22.672	18.500	23.728	19.257	21.187	283.1	21	1'22.479	18.348	23.668	19.280	21.183	293.0
5	1'22.256	18.483	23.610	19.115	21.048	287.0							
6	1'26.652	18.583	23.883	20.144	24.042	288.6							
7	1'21.972	18.328	23.558	19.123	20.963	288.5							
8	1'31.208 P	19.141	27.334	19.273	25.460	287.6							
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 8 Laps at start 8 Laps at start													
9	7'54.368	25.130	25.916	20.585	22.826								
10	1'23.935	18.781	24.355	19.512	21.287	287.2							

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'20.347 17.843 22.974 18.773 20.757

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