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MotoGP™

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

Free Practice Nr. 4

Chronological Analysis of Performances

16

* Lap / Sector time cancelled

T1 Time from finish line to 1st intermediate

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

P Crossing the finish line in pit lane

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

T4 Time from 3rd intermediate to finish line

** Tyre data subject to further updates

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
1st 12 Maverick VIÑALES YAMAHA SPA Monster Energy Yamaha MotoGP							11	1'21.478	18.122	23.356	19.064	20.936	292.9
Runs=3 Total laps=20 Full laps=14							12	1'21.396	18.014	23.363	19.066	20.953	294.1
							13	1'21.321	17.984	23.367	19.041	20.929	294.9
							14	1'30.513 P	20.210	24.610	19.837	25.856	289.4
Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Medium	
5 Laps at start							14 Laps at start						
1	1'36.558	19.043	24.513	19.564	21.436		15	4'51.125	21.706	25.047	20.451	21.912	
2	1'22.725	18.420	23.773	19.359	21.173	289.4	16	1'22.652	18.756	23.679	19.135	21.082	293.8
3	1'22.581	18.370	23.685	19.318	21.208	289.3	17	1'21.397	18.053	23.311	19.003	21.030	293.9
4	1'22.299	18.322	23.662	19.163	21.152	285.4	18	1'21.228	18.041	23.335	19.001	20.851	293.7
5	1'22.189	18.313	23.538	19.207	21.131	289.5	19	1'21.533	18.085	23.427	19.121	20.900	294.4
6	1'21.799	18.287	23.503	18.942	21.067	287.9	20	1'21.419	18.022	23.344	19.118	20.935	294.3
7	1'25.590 P	18.257	23.565	19.052	24.716	288.6							
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		3rd 42 Alex RINS SUZUKI SPA Team SUZUKI ECSTAR						
12 Laps at start							Runs=2 Total laps=17 Full laps=14						
8	2'18.155	18.890	24.229	19.363	21.244		Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft	
9	1'22.019	18.366	23.552	19.004	21.097	286.9	17 Laps at start						
10	1'22.078	18.367	23.504	19.061	21.146	289.0	1	1'54.673	20.504	25.109	20.285	21.817	
11	1'25.529	20.725	24.211	19.421	21.172	290.3	2	1'25.112	18.941	23.674	19.319	23.178	284.2
12	1'25.987 P	18.221	23.560	19.165	25.041	289.3	3	1'25.946	18.343	27.045	19.606	20.952	290.0
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		4	1'22.068	18.268	23.326	19.092	21.382	290.8
5 Laps at start							5	1'21.858	18.193	23.282	19.045	21.338	291.5
13	3'34.427	19.599	24.043	19.646	21.082		6	1'22.266	18.390	23.421	18.957	21.498	281.5
14	1'21.859	18.139	23.765	19.043	20.912	292.2	7	1'22.225	18.408	23.466	19.179	21.172	285.6
15	1'21.153	18.059	23.370	18.905	20.819	291.8	8	1'22.353	18.556	23.511	18.915	21.371	286.0
16	1'21.154	18.164	23.325	18.780	20.885	290.6	9	1'26.132 P	18.280	23.551	19.110	25.191	289.0
17	1'21.387	18.162	23.409	18.877	20.939	291.3	Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
18	1'21.434	18.380	23.442	18.818	20.794	278.9	9 Laps at start						
19	1'21.310 *	18.086	23.298	18.848	21.078 *	292.3	10	7'24.583	20.722	24.865	19.409	21.285	
20	1'21.371	18.140	23.374	18.908	20.949	289.4	11	1'21.701	18.340	23.406	18.960	20.995	289.4
							12	1'21.457	18.111	23.323	19.028	20.995	291.4
							13	1'21.744	18.248	23.484	19.011	21.001	289.7
							14	1'21.589	18.242	23.463	18.947	20.937	289.3
							15	1'21.814	18.234	23.557	18.970	21.053	290.0
							16	1'21.712	18.137	23.518	19.070	20.987	290.4
							17	1'27.337	20.745	25.224	19.635	21.733	288.7
							4th 36 Joan MIR SUZUKI SPA Team SUZUKI ECSTAR						
							Runs=2 Total laps=19 Full laps=16						
							Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium	
							4 Laps at start						
							1	1'53.932	20.655	25.145	20.165	21.522	
							2	1'23.889	18.588	23.918	19.796	21.587	285.7

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'21.153 18.059 23.370 18.905 20.819

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Sachsenring, Saturday, July 06, 2019

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Free Practice Nr. 4

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
3	1'23.655	18.980	23.954	19.483	21.238	279.2	6	1'22.160	18.459	23.741	19.004	20.956	287.0
4	1'22.095	18.304	23.521	19.173	21.097	287.6	7	1'22.037	18.495	23.561	18.941	21.040	286.6
5	1'22.108	18.203	23.480	19.184	21.241	292.2	8	1'21.794	18.433	23.517	18.875	20.969	286.3
6	1'22.421	18.418	23.517	19.383	21.103	286.7	9	1'29.256	22.360	25.554	19.890	21.452	280.4
7	1'22.178	18.358	23.553	19.179	21.088	287.3	10	1'23.630	18.627	23.639	19.886	21.478	285.1
8	1'22.130	18.363	23.491	19.199	21.077	288.7	11	1'30.289 P	19.639	24.939	19.654	26.057	282.2
9	1'22.102	18.257	23.551	19.223	21.071	289.3	<div>7th20Fabio QUARTARARO</div> <div>YAMAHA</div> <div>FRA</div> <div>Petronas Yamaha SRT</div> <div>Runs=2Total laps=19Full laps=15</div>						
10	1'22.397	18.345	23.523	19.212	21.317	289.5	Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
11	1'22.245	18.319	23.572	19.287	21.067	287.0				5 Laps at start		9 Laps at start	
12	1'29.610	21.637	25.986	20.572	21.415	289.8	1	2'17.349	21.494	25.519	20.148	21.559	
13	1'22.760	18.453	23.658	19.496	21.153	289.4	2	1'22.806	18.464	23.802	19.252	21.288	286.5
14	1'28.175 P	18.235	23.465	19.380	27.095	289.5	3	1'22.193	18.309	23.641	19.232	21.011	286.9
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		4	1'22.400	18.408	23.620	19.270	21.102	287.4
			7 Laps at start		7 Laps at start		5	1'22.087	18.257	23.590	19.128	21.112	288.5
15	5'19.550	21.056	24.722	19.816	21.319		6	1'21.896	18.141	23.550	19.118	21.087	286.2
16	1'22.158	18.344	23.593	19.122	21.099	289.1	7	1'22.183	18.238	23.636	19.175	21.134	287.6
17	1'21.475	18.191	23.307	19.100	20.877	289.1	8	1'28.560 P	18.229	23.569	21.389	25.373	286.7
18	1'21.630	18.176	23.390	19.103	20.961	287.0	Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
19	1'21.777	18.210	23.446	19.103	21.018	289.9				13 Laps at start		17 Laps at start	
5th44Pol ESPARGARO				KTM	SPA		9	5'27.561	22.077	25.059	20.046	21.601	
				Red Bull KTM Factory Racing			10	1'22.564	18.312	23.740	19.207	21.305	287.6
				Runs=3	Total laps=14	Full laps=9	11	1'22.475	18.291	23.649	19.257	21.278	286.7
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		12	1'22.187	18.262	23.607	19.218	21.100	286.8
			6 Laps at start		11 Laps at start		13	1'22.270	18.233	23.579	19.183	21.275	288.3
1	1'38.543	19.754	24.869	20.156	21.717		14	1'22.440	18.227	23.651	19.319	21.243	286.3
2	1'25.264	18.726	25.293	19.744	21.501	292.0	15	1'29.755	21.217	27.266	19.734	21.538	286.6
3	1'22.891	18.488	23.939	19.260	21.204	292.3	16	1'22.738	18.328	23.711	19.328	21.371	286.6
4	1'25.198	20.152	24.328	19.381	21.337	291.8	17	1'22.812	18.295	23.739	19.419	21.359	286.4
5	1'22.591	18.377	23.761	19.333	21.120	293.8	18	1'22.940	18.313	23.839	19.463	21.325	286.7
6	1'22.583	18.424	23.759	19.236	21.164	290.7	19	1'45.960 P	24.525	33.702	22.111	25.622	286.3
7	1'32.154 P	21.623	25.585	20.169	24.777	289.3	Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard					New Tyre		Slick-Hard	
			New Tyre		18 Laps at start							New Tyre	
8	7'43.302	19.703	26.169	19.907	21.306		1	1'52.813	21.367	25.393	20.449	21.857	
9	1'23.208	18.543	23.930	19.343	21.392	290.4	2	1'24.513	19.022	24.231	19.891	21.369	283.0
10	1'33.349 P	22.385	25.544	20.378	25.042	288.1	3	1'21.945	18.258	23.321	19.165	21.201	289.3
Run #	3	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft		4	1'27.564	23.307	23.940	19.226	21.091	281.1
			3 Laps at start		3 Laps at start		5	1'23.013	18.350	23.497	19.510	21.656	289.6
11	5'43.455	19.015	24.738	19.542	21.352		6	1'22.147	18.399	23.407	19.050	21.291	285.4
12	1'21.932	18.353	23.669	19.096	20.814	292.2	7	1'22.308	18.506	23.456	19.163	21.183	285.6
13	1'21.665	18.139	23.586	19.037	20.903	294.1	8	1'22.357	18.574	23.519	19.080	21.184	285.2
14	1'24.935	18.971	24.852	19.520	21.592	293.0	9	1'22.313	18.346	23.539	19.080	21.348	284.5
6th30Takaaki NAKAGAMI				HONDA	JPN		10	1'30.669 P	21.788	24.887	19.652	24.342	285.1
				LCR Honda IDEMITSU			Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
				Runs=2	Total laps=11	Full laps=7				10 Laps at start		10 Laps at start	
Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		11	6'04.897	18.974	24.117	19.576	21.289	
			New Tyre		New Tyre		12	1'22.094	18.272	23.557	19.222	21.043	288.3
1	2'05.799	24.051	27.159	21.422	23.008		13	1'21.938	18.082	23.499	19.243	21.114	290.2
2	1'36.768 P	22.668	25.404	20.026	28.670	261.5	14	1'22.104	18.252	23.624	19.099	21.129	288.4
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		15	1'22.189	18.318	23.606	19.092	21.173	287.0
			2 Laps at start		2 Laps at start								
3	8'53.305	22.875	25.451	19.960	21.889								
4	1'23.602	19.167	24.077	19.154	21.204	275.3							
5	1'22.411	18.678	23.681	19.000	21.052	283.3							

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'21.153 18.059 23.370 18.905 20.819

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Sachsenring, Saturday, July 06, 2019

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Free Practice Nr. 4

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
16	1'23.355	19.142	23.770	19.255	21.188	288.0	11th	53	Tito RABAT				SPA
17	1'22.360	18.240	23.699	19.194	21.227	288.0			Reale Avintia Racing				
18	1'22.224	18.206	23.643	19.243	21.132	289.4			Runs=2 Total laps=19 Full laps=16				
9th 21 Franco MORBIDELLI YAMAHA ITA Petronas Yamaha SRT							Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
Runs=2 Total laps=19 Full laps=16							14 Laps at start						9 Laps at start
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		1	1'31.655	20.310	25.084	20.283	21.917	
1	1'58.245	20.356	25.085	20.038	21.722		2	1'23.682	18.686	23.927	19.484	21.585	283.8
2	1'23.128	18.729	23.807	19.273	21.319	284.5	3	1'43.406	34.448	26.353	20.220	22.385	290.6
3	1'22.840	18.513	23.700	19.166	21.461	288.3	4	1'23.398	18.776	23.883	19.343	21.396	283.0
4	1'22.359	18.270	23.482	19.334	21.273	289.4	5	1'22.816	18.377	23.677	19.280	21.482	288.1
5	1'22.361	18.404	23.632	19.228	21.097	286.4	6	1'22.746	18.483	23.700	19.294	21.269	283.2
6	1'22.698	18.381	23.571	19.308	21.438	285.7	7	1'22.440	18.257	23.652	19.297	21.234	288.9
7	1'22.282	18.408	23.561	19.192	21.121	285.8	8	1'46.399	31.250	26.343	22.663	26.143	289.8
8	1'22.183	18.534	23.510	19.070	21.069	284.8	9	1'34.497	20.149	30.020	20.501	23.827	281.8
9	1'30.163 P	20.860	25.423	19.830	24.050	285.5	10	1'22.640	18.506	23.642	19.354	21.138	284.3
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		11	1'22.526	18.328	23.676	19.294	21.228	283.9
Runs=2 Total laps=19 Full laps=16							12	1'22.463	18.300	23.659	19.334	21.170	289.0
17 Laps at start							13	1'22.721	18.321	23.679	19.362	21.359	287.6
10	4'42.298	20.114	24.281	19.492	21.211		14	1'25.991 P	18.368	24.056	20.052	23.515	286.0
11	1'22.316	18.399	23.637	19.216	21.064	284.8	Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft	
12	1'21.972	18.342	23.529	19.078	21.023	285.7	New Tyre						New Tyre
13	1'22.094	18.269	23.577	19.205	21.043	287.1	15	4'35.657	19.435	26.230	19.801	22.277	
14	1'22.517	18.247	23.585	19.440	21.245	287.2	16	1'22.499	18.475	23.688	19.173	21.163	287.7
15	1'22.451	18.334	23.724	19.306	21.087	285.2	17	1'22.257	18.371	23.523	19.286	21.077	287.2
16	1'22.712	18.407	23.791	19.351	21.163	284.7	18	1'22.378	18.321	23.617	19.309	21.131	289.9
17	1'22.450	18.459	23.692	19.199	21.100	284.5	19	1'22.119	18.217	23.502	19.302	21.098	288.1
18	1'22.459	18.301	23.702	19.260	21.196	286.0	12th 63 Francesco BAGNAIA DUCATI ITA Pramac Racing						
19	1'22.494	18.364	23.751	19.275	21.104	285.8	Runs=2 Total laps=16 Full laps=12						
10th 41 Aleix ESPARGARO APRILIA SPA Aprilia Racing Team Gresini							Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
Runs=2 Total laps=15 Full laps=12							New Tyre						New Tyre
Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		1	1'50.890	21.086	25.933	20.121	21.772	
8 Laps at start							2	1'24.510	18.920	24.203	19.504	21.883	278.7
1	1'31.411	18.993	25.019	20.516	21.875		3	1'23.525	18.510	24.144	19.502	21.369	290.1
2	1'23.598	18.578	23.936	19.566	21.518	289.4	4	1'22.699	18.385	23.757	19.172	21.385	292.5
3	1'22.221	18.362	23.616	19.244	20.999	289.6	5	1'22.402	18.276	23.690	19.289	21.147	293.4
4	1'22.056	18.203	23.623	19.141	21.089	294.7	6	1'22.310	18.360	23.647	19.185	21.118	293.1
5	1'22.436	18.264	23.686	19.277	21.209	291.2	7	1'22.548	18.426	23.685	19.247	21.190	291.5
6	1'22.834	18.378	23.937	19.313	21.206	289.3	8	1'22.152	18.258	23.653	19.211	21.030	293.0
7	1'32.990 P	19.863	26.267	19.909	26.951	289.6	9	1'22.435	18.370	23.706	19.195	21.164	291.1
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		10	1'26.800 P	18.321	23.933	19.362	25.184	290.8
15 Laps at start							10 Laps at start						10 Laps at start
8	10'45.499	20.336	24.473	19.821	21.767		11	6'32.235	21.065	25.098	19.848	21.455	
9	1'22.909	18.374	23.873	19.483	21.179	290.0	12	1'22.916	18.539	23.954	19.309	21.114	290.8
10	1'22.588	18.315	23.702	19.326	21.245	292.7	13	1'22.639	18.337	23.673	19.396	21.233	292.8
11	1'22.700	18.421	23.782	19.297	21.200	289.2	14	1'22.956	18.480	23.922	19.386	21.168	292.8
12	1'22.642	18.329	23.667	19.382	21.264	291.0	15	1'23.121	18.465	23.920	19.324	21.412	291.7
13	1'22.957	18.387	23.852	19.477	21.241	290.3	16	1'31.401 P	21.780	25.041	19.770	24.810	286.6
14	1'27.930	21.980	24.276	19.477	22.197	290.0							
15	1'22.959	18.391	23.857	19.418	21.293	291.5							

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'21.153 18.059 23.370 18.905 20.819

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Free Practice Nr. 4

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
13th	6	Stefan BRADL				HONDA	GER	1	1'50.518	22.017	25.888	20.580	22.377
		Repsol Honda Team						2	1'28.744	23.178	24.728	19.540	21.298 281.2
		Runs=2 Total laps=18 Full laps=14						3	1'22.684	18.498	23.651	19.339	21.196 287.5
	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Medium			4	1'22.469	18.548	23.640	19.155	21.126 284.6
		New Tyre		New Tyre				5	1'22.581	18.489	23.521	19.322	21.249 277.6
	1	1'34.556	19.368	25.304	20.274	21.840		6	1'22.284	18.426	23.645	19.106	21.107 285.9
	2	1'24.390	19.145	24.348	19.564	21.333 283.6		7	1'22.456	18.369	23.681	19.272	21.134 288.6
	3	1'22.741	18.462	23.856	19.333	21.090 292.6		8	1'22.216	18.346	23.677	19.093	21.100 290.6
	4	1'22.341	18.268	23.747	19.223	21.103 293.6		9	1'33.437 P	23.000	25.642	19.761	25.034 286.0
	5	1'29.169	19.980	23.907	19.567	25.715 292.9		Run # 2		Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard
	6	1'22.423	18.339	23.680	19.242	21.162 289.3		16 Laps at start				17 Laps at start	
	7	1'22.445	18.375	23.710	19.243	21.117 291.4		10	7'05.778	24.972	24.306	19.385	21.379
	8	1'22.289	18.235	23.797	19.138	21.119 292.2		11	1'22.638	18.515	23.697	19.252	21.174 287.0
	9	1'31.087 P	21.060	25.021	19.784	25.222 289.8		12	1'22.474	18.386	23.705	19.176	21.207 289.2
	Run # 2		Front Tyre	Slick-Hard	Rear Tyre	Slick-Medium		13	1'22.497	18.410	23.669	19.240	21.178 290.8
	9 Laps at start				9 Laps at start			14	1'22.830	18.395	23.895	19.260	21.280 290.7
	10	7'04.391	21.572	28.123	20.225	21.577		15	1'28.530	21.461	26.384	19.340	21.345 288.5
	11	1'26.416	21.555	24.102	19.543	21.216 292.6		16	1'22.932	18.441	23.860	19.217	21.414 288.4
	12	1'22.798	18.252	23.632	19.471	21.443 291.2		17	1'22.988	18.527	23.749	19.383	21.329 284.5
	13	1'27.815	20.023	24.267	19.524	24.001 291.1		18	1'32.818 P	20.456	25.897	20.597	25.868 282.7
14th	4	Andrea DOVIZIOSO				DUCATI	ITA	16th 29 Andrea IANNONE APRILIA ITA					
		Ducati Team						Aprilia Racing Team Gresini					
		Runs=2 Total laps=17 Full laps=13						Runs=3 Total laps=17 Full laps=11					
	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft			Run # 1		Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard
		8 Laps at start		4 Laps at start				New Tyre 13 Laps at start					
	1	1'52.339	20.684	25.466	20.260	21.708		1	1'32.710	21.466	24.934	20.231	21.706
	2	1'23.203	18.531	23.801	19.488	21.383 290.0		2	1'23.402	18.829	23.826	19.382	21.365 285.9
	3	1'22.893	18.472	23.711	19.471	21.239 288.6		3	1'22.493	18.426	23.557	19.245	21.265 288.4
	4	1'24.530	18.302	23.827	19.467	22.934 288.3		4	1'22.574	18.378	23.618	19.261	21.317 288.7
	5	1'23.139	19.188	23.503	19.106	21.342 255.6		5	1'33.260 P	21.681	26.361	20.133	25.085 287.2
	6	1'22.205	18.251	23.554	19.151	21.249 292.8		Run # 2		Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard
	7	1'26.594	20.082	25.937	19.286	21.289 284.2		5 Laps at start				18 Laps at start	
	8	1'22.230	18.320	23.619	19.111	21.180 292.9		6	4'23.756	24.738	26.537	19.656	21.363
	9	1'25.750 P	18.321	23.660	19.099	24.670 288.7		7	1'23.002	18.562	23.721	19.350	21.369 284.8
	Run # 2		Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		8	1'22.992	18.444	23.783	19.342	21.423 287.5
	17 Laps at start				13 Laps at start			9	1'33.366 P	20.307	25.623	20.659	26.777 287.3
	10	6'28.346	22.573	24.995	19.768	21.577		Run # 3		Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft
	11	1'23.402	18.450	24.157	19.431	21.364 292.0		12 Laps at start				7 Laps at start	
	12	1'22.744	18.147	23.992	19.389	21.216 295.0		10	5'35.132	20.183	24.471	20.000	21.570
	13	1'22.526	18.194	23.726	19.275	21.331 295.6		11	1'24.500	20.213	23.628	19.132	21.527 289.7
	14	1'22.440	18.256	23.739	19.297	21.148 294.9		12	1'22.275	18.569	23.453	19.090	21.163 289.2
	15	1'22.482	18.161	23.685	19.342	21.294 295.4		13	1'30.859	19.069	29.853	20.372	21.565 290.0
	16	1'22.518	18.224	23.785	19.346	21.163 295.0		14	1'22.238	18.459	23.558	19.123	21.098 289.4
	17	1'29.808 P	18.223	23.760	22.078	25.747 294.8		15	1'22.291	18.357	23.612	19.195	21.127 288.8
15th	88	Miguel OLIVEIRA				KTM	POR	17th 43 Jack MILLER DUCATI AUS					
		Red Bull KTM Tech 3						Pramac Racing					
		Runs=2 Total laps=18 Full laps=14						Runs=2 Total laps=18 Full laps=15					
	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard			Run # 1		Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium
		7 Laps at start		8 Laps at start				9 Laps at start 14 Laps at start					
	1	1'35.715	18.914	24.890	20.112	21.758		1	1'35.715	18.914	24.890	20.112	21.758
	2	1'24.130	18.770	24.232	19.836	21.292 289.4		2	1'24.130	18.770	24.232	19.836	21.292 289.4
	3	1'22.832	18.299	23.752	19.525	21.256 293.3		3	1'22.832	18.299	23.752	19.525	21.256 293.3
Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'21.153 18.059 23.370 18.905 20.819													

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Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
4	1'22.586	18.242	23.694	19.512	21.138	295.1	5	8'00.120	21.627	24.874	19.921	21.428	
5	1'38.729 P	18.223	23.768	29.686	27.052	296.3	6	1'23.067	18.407	23.844	19.473	21.343	289.6
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Soft 14 Laps at start 5 Laps at start							7	1'22.804	18.348	23.854	19.415	21.187	289.5
6	6'06.666	20.388	25.090	19.944	21.509		8	1'22.842	18.250	23.767	19.605	21.220	291.7
7	1'22.532	18.310	23.653	19.497	21.072	291.8	9	1'36.234 P	19.862	27.109	22.451	26.812	289.6
8	1'22.438	18.172	23.651	19.531	21.084	293.3	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Hard 16 Laps at start 20 Laps at start						
9	1'22.578	18.298	23.690	19.507	21.083	293.8	10	4'52.249	21.267	24.121	19.446	21.277	
10	1'22.456	18.201	23.611	19.433	21.211	292.6	11	1'22.821	18.321	23.876	19.395	21.229	290.5
11	1'22.483	18.183	23.645	19.562	21.093	293.3	12	1'22.813	18.342	23.856	19.359	21.256	290.3
12	1'22.453	18.298	23.745	19.404	21.006	293.0	13	1'22.665	18.229	23.812	19.444	21.180	291.5
13	1'22.341	18.097	23.718	19.432	21.094	294.8	14	1'43.998 P	18.931	30.118	22.672	32.277	292.6
14	1'22.578	18.232	23.756	19.385	21.205	293.3							
15	1'22.477	18.198	23.773	19.415	21.091	293.3							
16	1'22.829	18.235	23.788	19.350	21.456	294.3							
17	1'22.708	18.298	23.725	19.577	21.108	290.4							
18	1'22.759	18.366	23.724	19.484	21.185	293.9							

18th 35 Cal CRUTCHLOW HONDA GBR
LCR Honda CASTROL

Runs=3 Total laps=17 Full laps=12

Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Medium	
8 Laps at start 13 Laps at start						
1	1'39.829	19.587	27.352	20.628	21.727	
2	1'24.896	19.303	24.565	19.659	21.369	280.9
3	1'22.815	18.495	23.702	19.359	21.259	288.0
4	1'22.634	18.375	23.721	19.394	21.144	294.1
5	1'22.750	18.375	23.745	19.380	21.250	293.6
6	1'22.550	18.315	23.713	19.341	21.181	291.9
7	1'31.075 P	20.492	25.284	19.820	25.479	291.6
Run # 2 Front Tyre Slick-Hard Rear Tyre Slick-Medium 15 Laps at start 20 Laps at start						
8	5'50.021	19.336	24.418	19.717	21.282	
9	1'22.768	18.412	23.750	19.343	21.263	292.2
10	1'24.971	19.408	24.581	19.665	21.317	293.0
11	1'22.723	18.325	23.726	19.414	21.258	292.2
12	1'22.664	18.367	23.721	19.367	21.209	290.4
13	1'31.752 P	19.304	25.463	20.340	26.645	290.3
Run # 3 Front Tyre Slick-Hard Rear Tyre Slick-Medium 21 Laps at start 26 Laps at start						
14	3'24.737	19.898	24.834	20.006	25.670	
15	1'26.594	18.880	26.556	19.837	21.321	286.1
16	1'23.169	18.317	23.745	19.853	21.254	293.2
17	1'22.787	18.294	23.749	19.473	21.271	293.6

19th 9 Danilo PETRUCCI DUCATI ITA
Ducati Team

Runs=3 Total laps=14 Full laps=8

Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium	
7 Laps at start 4 Laps at start						
1	1'51.366	21.845	25.381	20.112	21.735	
2	1'23.941	18.754	24.043	19.512	21.632	287.7
3	1'22.938	18.370	23.874	19.415	21.279	291.2
4	1'26.751 P	18.349	23.805	19.390	25.207	290.5
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 11 Laps at start 15 Laps at start						

20th 5 Johann ZARCO KTM FRA
Red Bull KTM Factory Racing

Runs=3 Total laps=14 Full laps=9

Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
New Tyre 11 Laps at start						
1	1'53.500	23.510	25.796	20.345	21.784	
2	1'24.183	18.707	24.083	19.748	21.645	284.4
3	1'23.077	18.516	23.747	19.351	21.463	287.3
4	1'23.345	18.449	23.786	19.400	21.710	288.7
5	1'23.602	18.458	23.803	19.743	21.598	284.8
6	1'27.734 P	18.603	24.101	19.702	25.328	280.5
Run # 2 Front Tyre Slick-Hard Rear Tyre Slick-Hard 6 Laps at start 17 Laps at start						
7	5'51.194	20.246	24.821	19.982	21.568	
8	1'23.548	18.426	23.969	19.664	21.489	288.7
9	1'26.846	18.414	24.097	22.525	21.810	289.0
10	1'23.826	18.419	24.063	19.732	21.612	288.7
11	1'31.362 P	18.570	24.291	20.033	28.468	283.0
Run # 3 Front Tyre Slick-Hard Rear Tyre Slick-Hard 11 Laps at start 22 Laps at start						
12	7'07.668	19.728	24.534	19.991	21.608	
13	1'24.032	18.514	24.226	19.686	21.606	288.3
14	1'24.458	18.454	24.226	19.755	22.023	288.3

21st 55 Hafizh SYAHRIN KTM MAL
Red Bull KTM Tech 3

Runs=2 Total laps=11 Full laps=9

Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Soft	
7 Laps at start 4 Laps at start						
1	1'50.453	22.595	28.284	21.166	22.792	
2	1'23.952	18.836	24.323	19.607	21.186	289.0
3	1'24.805	20.235	23.925	19.423	21.222	282.0
4	1'23.143	18.497	23.777	19.380	21.489	287.7
unfinished 18.437 23.606 19.175 287.6						
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 15 Laps at start 15 Laps at start						
5	1'35.431	23.906	28.173	20.945	22.407	
6	1'25.821	19.343	24.953	19.871	21.654	284.0
7	1'24.253	18.812	24.289	19.663	21.489	288.3
8	1'24.333	18.857	24.203	19.699	21.574	287.1
9	1'23.960	18.614	24.069	19.560	21.717	287.3
10	1'38.392 P	22.630	26.646	21.144	27.972	287.1

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA 1'21.153 18.059 23.370 18.905 20.819

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Free Practice Nr. 4

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
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22nd 17 **Karel ABRAHAM** DUCATI CZE
Reale Avintia Racing

Runs=3 Total laps=15 Full laps=9

Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
			New Tyre		16 Laps at start	
1	1'52.755	20.657	25.562	20.530	21.914	
2	1'24.841	18.939	24.309	19.855	21.738	285.0
3	1'24.229	19.060	23.948	19.515	21.706	283.8
4	1'23.887	18.938	23.970	19.535	21.444	285.7
5	1'24.065	18.794	24.061	19.533	21.677	288.2
6	1'24.095	18.822	24.032	19.541	21.700	282.0
7	1'30.485 P	19.969	24.833	20.179	25.504	285.1
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
			16 Laps at start		23 Laps at start	
8	6'22.707	21.684	25.630	20.151	21.935	
9	1'27.110	18.796	24.305	19.843	24.166	289.2
10	1'24.610	18.841	24.287	19.756	21.726	285.5
11	1'25.250	18.969	24.472	19.894	21.915	285.5
12	1'32.923 P	20.849	25.731	20.417	25.926	278.4
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft	
			21 Laps at start		5 Laps at start	
13	3'31.651	21.419	24.678	19.639	21.749	
14	1'23.332	18.658	23.920	19.303	21.451	286.5
15	1'29.333 P	19.213	25.234	19.795	25.091	288.9

Fastest Lap: Maverick VIÑALES Monster Energy Yama SPA **1'21.153** 18.059 23.370 18.905 20.819

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