

**HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND****Free Practice Nr. 2****Classification****6**

	<i>Rider</i>	<i>Nation</i>	<i>Team</i>	<i>Motorcycle</i>	<i>Time</i>	<i>Lap</i>	<i>Total</i>	<i>Gap</i>	<i>Top Speed</i>
1	93 <b>Marc MARQUEZ</b>	SPA	Repsol Honda Team	HONDA	<b>1'20.705</b>	23	26		<b>294.4</b>
2	42 <b>Alex RINS</b>	SPA	Team SUZUKI ECSTAR	SUZUKI	<b>1'21.046</b>	20	26	0.341	<b>292.3</b>
3	20 <b>Fabio QUARTARARO</b>	FRA	Petronas Yamaha SRT	YAMAHA	<b>1'21.065</b>	20	23	0.360	<b>291.3</b>
4	12 <b>Maverick VIÑALES</b>	SPA	Monster Energy Yamaha MotoGP	YAMAHA	<b>1'21.193</b>	22	23	0.488	<b>293.0</b>
5	44 <b>Po ESPARGARO</b>	SPA	Red Bull KTM Factory Racing	KTM	<b>1'21.265</b>	20	21	0.560	<b>295.5</b>
6	35 <b>Cal CRUTCHLOW</b>	GBR	LCR Honda CASTROL	HONDA	<b>1'21.392</b>	22	23	0.687	<b>294.0</b>
7	43 <b>Jack MILLER</b>	AUS	Pramac Racing	DUCATI	<b>1'21.442</b>	22	23	0.737	<b>295.2</b>
8	9 <b>Danilo PETRUCCI</b>	ITA	Ducati Team	DUCATI	<b>1'21.484</b>	19	20	0.779	<b>291.1</b>
9	4 <b>Andrea DOVIZIOSO</b>	ITA	Ducati Team	DUCATI	<b>1'21.489</b>	18	24	0.784	<b>295.0</b>
10	46 <b>Valentino ROSSI</b>	ITA	Monster Energy Yamaha MotoGP	YAMAHA	<b>1'21.538</b>	23	24	0.833	<b>290.1</b>
11	41 <b>Aleix ESPARGARO</b>	SPA	Aprilia Racing Team Gresini	APRILIA	<b>1'21.543</b>	5	19	0.838	<b>294.8</b>
12	21 <b>Franco MORBIDELLI</b>	ITA	Petronas Yamaha SRT	YAMAHA	<b>1'21.641</b>	22	23	0.936	<b>290.0</b>
13	36 <b>Joan MIR</b>	SPA	Team SUZUKI ECSTAR	SUZUKI	<b>1'21.678</b>	13	24	0.973	<b>291.6</b>
14	6 <b>Stefan BRADL</b>	GER	Repsol Honda Team	HONDA	<b>1'21.693</b>	21	23	0.988	<b>293.7</b>
15	30 <b>Takaaki NAKAGAMI</b>	JPN	LCR Honda IDEMITSU	HONDA	<b>1'21.729</b>	21	21	1.024	<b>286.7</b>
16	29 <b>Andrea IANNONE</b>	ITA	Aprilia Racing Team Gresini	APRILIA	<b>1'21.758</b>	19	21	1.053	<b>291.3</b>
17	17 <b>Karel ABRAHAM</b>	CZE	Reale Avintia Racing	DUCATI	<b>1'21.897</b>	23	23	1.192	<b>290.0</b>
18	88 <b>Miguel OLIVEIRA</b>	POR	Red Bull KTM Tech 3	KTM	<b>1'21.899</b>	23	23	1.194	<b>290.9</b>
19	5 <b>Johann ZARCO</b>	FRA	Red Bull KTM Factory Racing	KTM	<b>1'22.001</b>	20	20	1.296	<b>292.3</b>
20	55 <b>Hafizh SYAHRIN</b>	MAL	Red Bull KTM Tech 3	KTM	<b>1'22.208</b>	19	20	1.503	<b>289.0</b>
21	53 <b>Tito RABAT</b>	SPA	Reale Avintia Racing	DUCATI	<b>1'22.462</b>	24	24	1.757	<b>292.3</b>

**Not classified**

63	<b>Francesco BAGNAIA</b>	ITA	Pramac Racing	DUCATI
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**Practice condition: Dry****Air: 25°****Humidity: 34%****Ground: 41°**

<b>Fastest Lap:</b>	Lap: 23	<b>Marc MARQUEZ</b>	<b>1'20.705</b>	163.7 Km/h
<b>Best Race Lap:</b>	2017	<b>Jonas FOLGER</b>	<b>1'21.442</b>	162.2 Km/h
<b>All Time Lap Record:</b>	2018	<b>Marc MARQUEZ</b>	<b>1'20.270</b>	164.6 Km/h

The results are provisional until the end of the limit for protest and appeals.

Time limit for protest expires 30' after publication of the results - ..... Time: .....

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**Sachsenring, Friday, July 05, 2019**



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# HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

## Free Practice Nr. 2

## Combined Free Practice Times

**7**

		Rider	Nation	Team	MOTORCYCLE	FP1	FP2	Gap
1	93	<b>M. MARQUEZ</b>	SPA	Repsol Honda Team	HONDA	1'21.464 7	<b>1'20.705</b> 23	
2	42	<b>A. RINS</b>	SPA	Team SUZUKI ECSTAR	SUZUKI	1'21.967 5	<b>1'21.046</b> 20	0.341 0.341
3	20	<b>F. QUARTARARO</b>	FRA	Petronas Yamaha SRT	YAMAHA	1'21.390 21	<b>1'21.065</b> 20	0.360 0.019
4	12	<b>M. VIÑALES</b>	SPA	Monster Energy Yamaha MotoGP	YAMAHA	1'22.251 12	<b>1'21.193</b> 22	0.488 0.128
5	44	<b>P. ESPARGARO</b>	SPA	Red Bull KTM Factory Racing	KTM	1'22.458 7	<b>1'21.265</b> 20	0.560 0.072
6	35	<b>C. CRUTCHLOW</b>	GBR	LCR Honda CASTROL	HONDA	1'22.439 6	<b>1'21.392</b> 22	0.687 0.127
7	43	<b>J. MILLER</b>	AUS	Pramac Racing	DUCATI	1'22.365 6	<b>1'21.442</b> 22	0.737 0.050
8	9	<b>D. PETRUCCI</b>	ITA	Ducati Team	DUCATI	1'22.566 9	<b>1'21.484</b> 19	0.779 0.042
9	4	<b>A. DOVIZIOSO</b>	ITA	Ducati Team	DUCATI	1'22.282 7	<b>1'21.489</b> 18	0.784 0.005
10	46	<b>V. ROSSI</b>	ITA	Monster Energy Yamaha MotoGP	YAMAHA	1'21.964 21	<b>1'21.538</b> 23	0.833 0.049
11	41	<b>A. ESPARGARO</b>	SPA	Aprilia Racing Team Gresini	APRILIA	1'22.543 5	<b>1'21.543</b> 5	0.838 0.005
12	21	<b>F. MORBIDELLI</b>	ITA	Petronas Yamaha SRT	YAMAHA	1'22.512 21	<b>1'21.641</b> 22	0.936 0.098
13	36	<b>J. MIR</b>	SPA	Team SUZUKI ECSTAR	SUZUKI	1'22.856 12	<b>1'21.678</b> 13	0.973 0.037
14	6	<b>S. BRADL</b>	GER	Repsol Honda Team	HONDA	1'22.729 5	<b>1'21.693</b> 21	0.988 0.015
15	30	<b>T. NAKAGAMI</b>	JPN	LCR Honda IDEMITSU	HONDA	1'22.415 16	<b>1'21.729</b> 21	1.024 0.036
16	29	<b>A. IANNONE</b>	ITA	Aprilia Racing Team Gresini	APRILIA	1'22.397 14	<b>1'21.758</b> 19	1.053 0.029
17	17	<b>K. ABRAHAM</b>	CZE	Reale Avintia Racing	DUCATI	1'22.487 22	<b>1'21.897</b> 23	1.192 0.139
18	88	<b>M. OLIVEIRA</b>	POR	Red Bull KTM Tech 3	KTM	1'22.762 7	<b>1'21.899</b> 23	1.194 0.002
19	5	<b>J. ZARCO</b>	FRA	Red Bull KTM Factory Racing	KTM	1'22.705 8	<b>1'22.001</b> 20	1.296 0.102
20	55	<b>H. SYAHRIN</b>	MAL	Red Bull KTM Tech 3	KTM	1'23.957 4	<b>1'22.208</b> 19	1.503 0.207
21	53	<b>T. RABAT</b>	SPA	Reale Avintia Racing	DUCATI	1'22.898 8	<b>1'22.462</b> 24	1.757 0.254
22	63	<b>F. BAGNAIA</b>	ITA	Pramac Racing	DUCATI	<b>1'22.729</b> 8		2.024 0.267

<b>Pole Position Record:</b>	2018	<b>Marc MARQUEZ</b>	<b>1'20.270</b>	164.6 Km/h
<b>Best Race Lap:</b>	2017	<b>Jonas FOLGER</b>	<b>1'21.442</b>	162.2 Km/h
<b>All Time Lap Record:</b>	2018	<b>Marc MARQUEZ</b>	<b>1'20.270</b>	164.6 Km/h

The results are provisional until the end of the limit for protest and appeals.

Time limit for protest expires 60' after publication of the results - Mr. .... Time: .....

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**Sachsenring, Friday, July 05, 2019**



**HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND****Free Practice Nr. 2****Top Speed & Average****8**

<i>Rider</i>	<i>Nation</i>	<i>Motorcycle</i>	<i>Top 5 speeds</i>					<i>Average</i>	<i>Top</i>
44 <b>Po ESPARGARO</b>	<b>SPA</b>	KTM	295.5	293.6	293.5	292.6	292.6	293.6	<b>295.5</b>
43 <b>Jack MILLER</b>	<b>AUS</b>	DUCATI	295.2	294.9	294.7	294.1	294.1	294.6	<b>295.2</b>
4 <b>Andrea DOVIZIOSO</b>	<b>ITA</b>	DUCATI	295.0	294.3	294.1	293.7	293.7	294.2	<b>295.0</b>
41 <b>Aleix ESPARGARO</b>	<b>SPA</b>	APRILIA	294.8	294.7	294.4	294.4	294.3	294.5	<b>294.8</b>
93 <b>Marc MARQUEZ</b>	<b>SPA</b>	HONDA	294.4	294.0	294.0	293.9	293.9	294.0	<b>294.4</b>
35 <b>Cal CRUTCHLOW</b>	<b>GBR</b>	HONDA	294.0	292.9	292.8	292.7	292.6	293.0	<b>294.0</b>
6 <b>Stefan BRADL</b>	<b>GER</b>	HONDA	293.7	293.3	292.8	292.5	292.0	292.9	<b>293.7</b>
12 <b>Maverick VIÑALES</b>	<b>SPA</b>	YAMAHA	293.0	292.3	292.2	292.2	292.0	292.3	<b>293.0</b>
5 <b>Johann ZARCO</b>	<b>FRA</b>	KTM	292.3	291.6	291.4	291.4	290.6	291.5	<b>292.3</b>
42 <b>Alex RINS</b>	<b>SPA</b>	SUZUKI	292.3	292.1	291.7	291.5	291.1	291.7	<b>292.3</b>
53 <b>Tito RABAT</b>	<b>SPA</b>	DUCATI	292.3	290.8	290.7	290.6	290.0	290.9	<b>292.3</b>
36 <b>Joan MIR</b>	<b>SPA</b>	SUZUKI	291.6	291.1	290.9	290.4	290.3	290.9	<b>291.6</b>
20 <b>Fabio QUARTARARO</b>	<b>FRA</b>	YAMAHA	291.3	291.1	290.2	289.2	289.2	290.2	<b>291.3</b>
29 <b>Andrea IANNONE</b>	<b>ITA</b>	APRILIA	291.3	290.7	289.4	289.3	289.1	290.0	<b>291.3</b>
9 <b>Danilo PETRUCCI</b>	<b>ITA</b>	DUCATI	291.1	291.1	290.7	290.7	290.7	290.9	<b>291.1</b>
88 <b>Miguel OLIVEIRA</b>	<b>POR</b>	KTM	290.9	290.1	290.0	289.4	288.9	289.9	<b>290.9</b>
46 <b>Valentino ROSSI</b>	<b>ITA</b>	YAMAHA	290.1	290.0	289.3	289.0	288.7	289.4	<b>290.1</b>
17 <b>Karel ABRAHAM</b>	<b>CZE</b>	DUCATI	290.0	289.7	287.9	287.0	286.6	288.2	<b>290.0</b>
21 <b>Franco MORBIDELLI</b>	<b>ITA</b>	YAMAHA	290.0	287.2	287.2	287.0	286.7	287.4	<b>290.0</b>
55 <b>Hafizh SYAHRIN</b>	<b>MAL</b>	KTM	289.0	288.6	288.6	287.6	287.5	288.3	<b>289.0</b>
30 <b>Takaaki NAKAGAMI</b>	<b>JPN</b>	HONDA	286.7	286.3	286.3	286.0	286.0	286.3	<b>286.7</b>

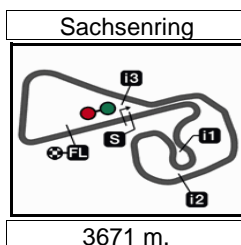
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Updated  
**MotoGP™**

# HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

## Free Practice Nr. 2

## Chronological Analysis of Performances

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\* 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	93	Marc MARQUEZ				HONDA	SPA	5	1'21.425	18.154	23.397	18.922	20.952	291.0
		Repsol Honda Team					6	1'23.471	18.237	23.327	18.941	22.966	291.7	
		Runs=3		Total laps=26		Full laps=21	7	1'27.854	23.019	24.338	19.344	21.153	287.3	
						8	1'25.648	P	18.217	23.465	18.996	24.970	292.3	
Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		
				7 Laps at start		New Tyre					8 Laps at start			
1	1'32.662	20.090	25.394	20.374	21.907		9	4'29.484	20.913	25.009	19.720	21.352		
2	1'23.931	18.731	23.601	19.962	21.637	285.1	10	1'22.609	18.468	23.708	19.250	21.183	288.6	
3	1'23.429	19.145	23.777	19.138	21.369	292.3	11	1'21.837	18.189	23.479	19.074	21.095	289.3	
4	1'21.549	18.150	23.337	19.076	20.986	291.9	12	1'22.091	18.379	23.491	19.162	21.059	289.6	
5	1'21.113	18.059	23.169	19.047	20.838	292.5	13	1'22.152	18.379	23.607	19.095	21.071	289.7	
6	1'21.243	18.104	23.302	19.050	20.787	293.4	14	1'22.192	18.403	23.490	19.204	21.095	289.0	
7	1'21.262	18.001	23.302	18.995	20.964	293.9	15	1'25.667	18.820	26.607	19.147	21.093	288.1	
8	1'21.422	18.108	23.398	19.018	20.898	293.9	16	1'22.049	18.287	23.467	19.144	21.151	290.7	
9	1'21.736	18.432	23.342	19.024	20.938	293.5	17	1'32.629	P	19.313	25.731	19.613	27.972	289.2
10	1'34.306	P	19.404	27.137	21.854	292.8	Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		
				17 Laps at start		10 Laps at start					New Tyre		New Tyre	
11	6'15.567	24.141	24.896	19.973	21.641		18	6'04.465	21.697	25.436	19.942	21.329		
12	1'22.792	18.576	23.743	19.365	21.108	293.2	19	1'22.374	18.666	23.742	19.034	20.932	289.3	
13	1'21.659	18.222	23.465	19.035	20.937	293.4	20	1'21.046	18.167	23.282	18.825	20.772	290.3	
14	1'21.770	18.188	23.521	19.080	20.981	293.9	21	1'22.432	18.328	23.422	19.609	21.073	291.1	
15	1'21.717	18.219	23.528	19.018	20.952	293.3	22	1'21.561	18.111	23.396	19.054	21.000	292.1	
16	1'30.765	21.231	26.111	19.942	23.481	292.7	23	1'31.291	P	21.006	25.983	19.341	24.961	290.7
17	1'21.981	18.357	23.495	19.074	21.055	291.8	Run #	4	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		
18	1'21.726	18.186	23.510	19.079	20.951	293.9					6 Laps at start		New Tyre	
19	1'21.744	18.152	23.500	19.083	21.009	294.0	24	2'32.021	20.586	25.007	19.505	21.115		
20	1'30.738	P	19.555	25.163	20.276	290.3	25	1'21.580	18.286	23.415	19.046	20.833	291.5	
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		26	1'21.196	18.171	23.258	18.888	20.879	290.9	
				New Tyre		New Tyre								
21	6'11.118	21.042	24.995	20.196	22.296		3rd 20 Fabio QUARTARARO YAMAHA FRA							
22	1'22.950	18.343	24.282	19.210	21.115	292.6	Petronas Yamaha SRT							
23	1'20.705	18.001	23.103	18.829	20.772	294.4	Runs=3		Total laps=23		Full laps=18			
24	1'21.170	18.103	23.208	19.003	20.856	293.9	Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium		
25	1'20.969	17.996	23.208	18.921	20.844	294.0					New Tyre		4 Laps at start	
26	1'21.405	18.050	23.270	19.073	21.012	293.4	1	2'31.660	24.779	26.053	20.192	21.785		
							2	1'23.103	18.635	23.946	19.345	21.177	281.2	
							3	1'22.396	18.391	23.721	19.209	21.075	286.2	
							4	1'22.024	18.261	23.678	19.020	21.065	285.9	
							5	1'21.655	18.130	23.477	19.123	20.925	287.4	
							6	1'21.747	18.171	23.532	19.034	21.010	286.7	
							7	1'21.820	18.195	23.535	19.085	21.005	285.9	
							8	1'21.656	18.233	23.449	19.059	20.915	287.5	
							9	1'29.522	P	18.180	23.514	19.109	28.719	287.3
2nd	42	Alex RINS				SUZUKI	SPA							
		Team SUZUKI ECSTAR												
		Runs=4		Total laps=26		Full laps=19								
		Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium							
				New Tyre		New Tyre								
1	1'54.332	20.155	25.271	20.107	22.714									
2	1'22.827	18.880	23.716	19.139	21.092	286.4								
3	1'21.408	18.176	23.376	18.905	20.951	290.2								
4	1'21.889	18.272	23.254	19.423	20.940	289.0								

**Fastest Lap:** Marc MARQUEZ Repsol Honda Team SPA **1'20.705** 18.001 23.103 18.829 20.772

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## Free Practice Nr. 2

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
<div>Run # 2Front TyreSlick-MediumRear TyreSlick-HardNew Tyre9 Laps at start</div>							<div>5th44PoI ESPARGAROKTMSPA Red Bull KTM Factory Racing</div> <div>Runs=4Total laps=21Full laps=14</div>						
10	7'42.522	23.735	26.127	19.836	21.582		<div>Run # 1Front TyreSlick-HardRear TyreSlick-MediumNew Tyre</div>						
11	1'21.768	18.351	23.598	18.982	20.837	287.2	1	1'55.204	19.265	25.268	19.981	22.064	
12	1'22.418	18.185	23.646	19.344	21.243	289.2	2	1'23.696	18.872	24.003	19.527	21.294	280.7
13	1'21.100	18.275	23.220	18.800	20.805	282.8	3	1'26.064	18.484	23.845	21.257	22.478	290.4
14	1'21.379	18.085	23.377	18.972	20.945	286.9	4	1'25.414	18.590	23.812	19.472	23.540	288.3
15	1'21.545	18.195	23.395	19.009	20.946	288.0	5	1'22.902	18.446	23.766	19.461	21.229	290.8
16	1'21.541	18.169	23.421	18.956	20.995	288.6	6	1'31.756 P	22.056	25.059	19.960	24.681	273.9
17	1'21.541	18.173	23.458	18.940	20.970	288.0	<div>Run # 2Front TyreSlick-HardRear TyreSlick-HardNew Tyre6 Laps at start</div>						
18	1'30.265 P	20.618	24.390	19.503	25.754	281.6	7	7'13.712	18.867	24.413	19.444	21.150	
<div>Run # 3Front TyreSlick-MediumRear TyreSlick-SoftNew TyreNew Tyre</div>							8	1'22.229	18.415	23.708	19.226	20.880	290.5
19	8'11.695	21.059	25.032	19.610	20.981		9	1'22.086	18.421	23.601	19.166	20.898	289.4
20	1'21.065	18.161	23.182	18.868	20.854	289.2	10	1'30.420	21.447	25.294	20.906	22.773	288.8
21	1'29.278	18.448	29.478	19.589	21.763	291.3	11	1'21.960	18.229	23.499	19.257	20.975	291.4
22	1'26.749	18.102	23.109	19.807	25.731	290.2	12	1'21.724	18.251	23.501	19.017	20.955	293.5
23	1'21.093	18.061	23.160	18.885	20.987	291.1	13	1'36.222 P	23.261	26.375	21.845	24.741	290.8
<div>4th12Maverick VIÑALESYAMAHA SPA Monster Energy Yamaha MotoGP</div> <div>Runs=4Total laps=23Full laps=16</div>							<div>Run # 3Front TyreSlick-HardRear TyreSlick-HardNew Tyre13 Laps at start7 Laps at start</div>						
<div>Run # 1Front TyreSlick-HardRear TyreSlick-HardNew TyreNew Tyre</div>							14	6'46.715	21.383	23.993	19.367	21.264	
1	1'35.419	18.593	24.647	19.804	21.681		15	1'22.055	18.372	23.586	19.181	20.916	293.6
2	1'22.982	18.518	23.676	19.298	21.490	290.3	16	1'24.246	18.388	24.531	19.768	21.559	292.6
3	1'26.249	21.035	24.645	19.378	21.191	293.0	17	1'25.741 P	18.239	23.621	19.200	24.681	292.3
4	1'21.958	18.348	23.538	18.992	21.080	292.2	<div>Run # 4Front TyreSlick-MediumRear TyreSlick-SoftNew TyreNew Tyre</div>						
5	1'21.977	18.277	23.449	18.992	21.259	291.8	18	5'00.560	18.961	24.793	21.481	23.984	
6	1'22.845	18.420	23.702	19.536	21.187	288.6	19	1'35.658	22.901	30.610	20.846	21.301	291.2
7	1'21.649	18.271	23.434	18.967	20.977	291.1	20	1'21.265	18.118	23.360	19.084	20.703	295.5
8	1'21.714	18.206	23.458	18.977	21.073	292.0	21	1'21.684	18.124	23.401	19.066	21.093	292.6
9	1'21.734	18.204	23.478	18.954	21.098	290.7	<div>6th35Cal CRUTCHLOWHONDA GBR LCR Honda CASTROL</div> <div>Runs=3Total laps=23Full laps=18</div>						
10	1'26.445 P	18.276	23.471	19.128	25.570	290.3	<div>Run # 1Front TyreSlick-HardRear TyreSlick-HardNew TyreNew Tyre</div>						
<div>Run # 2Front TyreSlick-HardRear TyreSlick-HardNew Tyre10 Laps at start10 Laps at start</div>							1	1'53.116	22.707	25.921	20.779	22.266	
11	5'07.531	19.364	24.048	19.893	21.463		2	1'29.653	23.330	24.949	19.927	21.447	282.8
12	1'22.151	18.302	23.620	19.133	21.096	291.2	3	1'24.589	18.806	23.687	19.626	22.470	288.8
13	1'21.942	18.234	23.491	19.133	21.084	290.6	4	1'22.105	18.430	23.471	19.236	20.968	289.3
14	1'25.550 P	18.240	23.569	19.099	24.642	289.7	5	1'22.263	18.330	23.459	19.245	21.229	292.9
<div>Run # 3Front TyreSlick-MediumRear TyreSlick-MediumNew TyreNew Tyre</div>							6	1'32.037	23.715	26.691	19.786	21.845	288.9
15	7'08.365	20.593	24.297	19.515	21.120		7	1'22.100	18.355	23.483	19.131	21.131	290.0
16	1'21.704	18.280	23.461	18.919	21.044	290.4	8	1'26.576	21.750	24.118	19.631	21.077	277.4
17	1'21.719	18.258	23.469	19.015	20.977	291.1	9	1'21.801	18.266	23.411	19.201	20.923	291.3
18	1'21.523	18.095	23.462	18.929	21.037	291.1	10	1'22.060	18.333	23.538	19.169	21.020	290.3
19	1'28.481 P	20.452	24.107	19.171	24.751	290.3	11	1'26.141 P	18.324	23.666	19.279	24.872	290.7
<div>Run # 4Front TyreSlick-SoftRear TyreSlick-SoftNew TyreNew Tyre</div>							<div>Run # 2Front TyreSlick-HardRear TyreSlick-HardNew Tyre11 Laps at start11 Laps at start</div>						
20	4'59.597	20.075	24.160	19.335	20.969		12	8'42.818	21.930	24.891	19.915	21.713	
21	1'23.975	18.151	25.507	19.281	21.036	292.3	13	1'22.662	18.554	23.703	19.327	21.078	290.4
22	1'21.193	18.159	23.325	18.874	20.835	292.2	14	1'22.161	18.302	23.597	19.222	21.040	290.6
23	1'28.400	18.053	23.689	24.634	22.024	291.4	15	1'23.499	18.758	24.141	19.425	21.175	292.6

Fastest Lap: Marc MARQUEZ

Repsol Honda Team SPA

1'20.705

18.001

23.103

18.829

20.772

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## Free Practice Nr. 2

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed	
16	1'22.428	18.308	23.682	19.302	21.136	291.5	6	1'22.060	18.196	23.624	19.168	21.072	290.2	
17	1'22.308	18.277	23.620	19.277	21.134	292.8	7	1'25.063	20.842	23.960	19.219	21.042	290.0	
18	1'22.561	18.397	23.648	19.353	21.163	291.9	8	1'30.073 P	18.284	26.387	19.692	25.710	291.1	
19	1'30.295 P	20.327	24.973	19.931	25.064	290.0								
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
20	6'22.018	24.606	25.073	21.940	22.655		9	8'30.364	21.824	24.886	20.157	21.845		
21	1'37.208	27.976	26.659	21.508	21.065	278.2	10	1'22.881	18.445	23.840	19.337	21.259	289.0	
22	1'21.392	18.238	23.206	19.041	20.907	294.0	11	1'22.316	18.240	23.735	19.259	21.082	289.0	
23	1'21.478	18.114	23.254	19.125	20.985	292.7	12	1'27.862	20.386	27.023	19.264	21.189	288.3	
							13	1'22.602	18.308	23.756	19.374	21.164	289.3	
							14	1'22.422	18.231	23.797	19.309	21.085	289.4	
							15	1'22.618	18.307	23.795	19.376	21.140	288.5	
							16	1'33.077 P	21.244	26.753	19.402	25.678	285.7	
7th 43 Jack MILLER				DUCATI		AUS								
		Pramac Racing												
		Runs=4		Total laps=23		Full laps=16								
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		9 Laps at start		New Tyre										
1	1'57.458	18.717	24.819	19.989	21.456		17	10'44.995	21.847	26.122	21.479	24.038		
2	1'24.461	18.615	24.742	19.930	21.174	289.3	18	1'35.326	25.771	28.947	19.675	20.933	245.7	
3	1'21.951	18.245	23.493	19.332	20.881	293.3	19	1'21.484	18.162	23.377	19.038	20.907	290.7	
4	1'21.844	18.234	23.486	19.196	20.928	294.1	20	1'22.043	18.113	23.416	19.195	21.319	290.7	
5	1'21.607	18.101	23.478	19.074	20.954	294.1								
6	1'21.845	18.221	23.492	19.184	20.948	294.7								
7	1'21.685	18.255	23.464	19.109	20.857	293.5								
8	1'30.881 P	18.467	26.982	19.708	25.724	295.2								
Run # 2		Front Tyre Slick-Hard		Rear Tyre Slick-Hard										
		New Tyre		8 Laps at start										
9	7'36.396	19.718	24.585	19.811	21.784									
10	1'23.376	18.297	23.686	20.231	21.162	292.9								
11	1'22.388	18.320	23.654	19.442	20.972	292.3								
12	1'22.192	18.233	23.630	19.357	20.972	293.3								
13	1'22.405	18.268	23.732	19.364	21.041	292.2								
14	1'22.264	18.243	23.746	19.307	20.968	291.7								
15	1'31.331 P	19.917	26.077	19.997	25.340	292.5								
Run # 3		Front Tyre Slick-Hard		Rear Tyre Slick-Hard										
		7 Laps at start		15 Laps at start										
16	6'11.532	22.432	24.227	19.519	21.206									
17	1'22.539	18.204	23.754	19.415	21.166	293.5								
18	1'28.227 P	19.216	24.491	19.823	24.697	292.4								
Run # 4		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
19	2'50.529	20.678	24.719	19.644	21.899									
20	1'23.620	18.147	24.045	19.779	21.649	294.9								
21	1'24.779	17.986	25.871	20.072	20.850	294.0								
22	1'21.442	17.957	23.422	19.265	20.798	293.2								
23	1'21.454	18.018	23.368	19.241	20.827	292.0								
8th 9 Danilo PETRUCCI				DUCATI		ITA								
		Ducati Team												
		Runs=3		Total laps=20		Full laps=15								
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		New Tyre		New Tyre										
1	1'53.214	24.250	25.895	20.679	22.912									
2	1'25.107	20.613	23.964	19.320	21.210	239.7								
3	1'22.233	18.303	23.413	19.198	21.319	289.6								
4	1'22.132	18.226	23.601	19.346	20.959	291.1								
5	1'22.235	18.280	23.620	19.284	21.051	290.7								
							Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Hard			
									14 Laps at start		New Tyre			
							15	3'56.643	20.003	24.943	19.826	21.627		
							16	1'22.404	18.399	23.688	19.218	21.099	291.4	
							17	1'21.492	18.070	23.401	19.066	20.955	291.9	
							18	1'21.489	18.057	23.442	19.027	20.963	293.0	
							19	1'26.808 P	18.274	24.185	19.742	24.607	293.3	
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
20	4'13.794	23.722	28.616	21.601	21.197									
21	1'21.914	18.196	23.366	19.052	21.300	294.3								
22	1'26.241	18.088	26.872	19.889	21.392	294.1								
23	1'21.564	18.223	23.314	19.087	20.940	295.0								
24	1'41.246 P	18.418	30.546	23.024	29.258	270.6								

**Fastest Lap:** Marc MARQUEZ Repsol Honda Team SPA 1'20.705 18.001 23.103 18.829 20.772

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Sachsenring, Friday, July 05, 2019

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# Free Practice Nr. 2

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
<div>10th46Valentino ROSSI</div> <div>Monster Energy Yamaha MotoGP</div> <div>YAMAHA</div> <div>ITA</div> <div>Runs=3Total laps=24Full laps=19</div>							<div>Run # 3Front TyreSlick-MediumRear TyreSlick-Soft</div> <div>New TyreNew Tyre</div>						
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		14	14'21.817	20.554	24.665	19.526	23.362	
			New Tyre		New Tyre		15	1'26.332	18.432	23.979	19.673	24.248	292.5
1	1'55.249	19.181	24.742	19.993	21.939		16	1'21.767	18.201	23.453	19.110	21.003	294.4
2	1'23.802	19.023	23.930	19.496	21.353	278.0	17	1'21.589	18.282	23.435	18.917	20.955	294.8
3	1'23.682	18.514	23.742	20.215	21.211	287.2	18	1'31.656	18.948	27.702	21.295	23.711	294.3
4	1'21.870	18.321	23.400	19.199	20.950	285.9	19	1'29.601	P 18.209	23.418	20.441	27.533	294.4
5	1'21.639	18.119	23.463	19.099	20.958	289.3	<div>12th21Franco MORBIDELLI</div> <div>Petronas Yamaha SRT</div> <div>YAMAHA</div> <div>ITA</div> <div>Runs=4Total laps=23Full laps=16</div>						
6	1'21.761	18.210	23.384	19.171	20.996	286.7	Run #	1	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
7	1'21.959	18.124	23.476	19.294	21.065	289.0			New Tyre		New Tyre		
8	1'26.531	21.860	24.176	19.309	21.186	288.0	1	1'31.969	20.645	25.300	20.337	21.656	
9	1'29.411	P 20.246	24.349	19.803	25.013	281.0	2	1'27.718	18.716	23.816	23.018	22.168	284.7
Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		3	1'22.546	18.670	23.575	19.316	20.985	284.9
			9 Laps at start		9 Laps at start		4	1'22.667	18.619	23.636	19.311	21.101	286.3
10	6'28.601	21.909	24.614	20.069	21.752		5	1'22.141	18.274	23.692	19.181	20.994	287.0
11	1'23.445	18.631	23.864	19.652	21.298	285.4	6	1'22.054	18.255	23.446	19.128	21.225	286.7
12	1'22.575	18.330	23.636	19.485	21.124	285.1	7	1'21.869	18.334	23.487	19.095	20.953	286.7
13	1'22.676	18.255	23.786	19.411	21.224	285.7	8	1'25.194	P 18.257	23.532	19.119	24.286	287.2
14	1'22.736	18.271	23.684	19.525	21.256	287.1	Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard	
15	1'31.766	22.461	28.005	19.845	21.455	285.0			8 Laps at start		8 Laps at start		
16	1'23.069	18.327	23.787	19.594	21.361	286.9	9	5'43.555	21.158	25.312	19.952	21.447	
17	1'27.459	19.864	26.391	19.763	21.441	288.2	10	1'22.909	18.562	23.743	19.486	21.118	286.4
18	1'22.518	18.313	23.659	19.355	21.191	287.6	11	1'22.244	18.458	23.541	19.152	21.093	284.7
19	1'29.863	P 20.536	24.367	19.491	25.469	286.8	12	1'22.503	18.379	23.706	19.279	21.139	285.3
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft		13	1'25.677	P 18.391	23.698	19.301	24.287	285.1
			New Tyre		New Tyre		Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard	
20	7'12.246	20.988	24.384	19.967	21.513				14 Laps at start		13 Laps at start		
21	1'21.801	18.245	23.408	19.246	20.902	288.7	14	5'47.035	21.303	24.723	19.563	21.389	
22	1'32.909	23.367	28.693	19.801	21.048	290.0	15	1'22.546	18.531	23.730	19.230	21.055	286.3
23	1'21.538	18.143	23.240	19.250	20.905	290.1	16	1'22.338	18.416	23.594	19.212	21.116	285.9
24	1'22.069	18.202	23.458	19.311	21.098	288.2	17	1'22.270	18.348	23.685	19.169	21.068	286.6
<div>11th41Aleix ESPARGARO</div> <div>Aprilia Racing Team Gresini</div> <div>APRILIA</div> <div>SPA</div> <div>Runs=3Total laps=19Full laps=13</div>							18	1'25.896	P 18.321	23.751	19.467	24.357	285.3
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		Run #	4	Front Tyre	Slick-Soft	Rear Tyre	Slick-Soft	
			8 Laps at start		New Tyre				New Tyre		New Tyre		
1	1'35.661	19.554	24.422	19.777	21.688		19	6'35.039	34.846	27.165	19.522	21.224	
2	1'22.916	18.593	23.596	19.341	21.386	288.7	20	1'21.662	18.415	23.371	19.044	20.832	286.3
3	1'26.422	20.654	25.269	19.326	21.173	289.3	21	1'29.092	20.807	27.098	20.128	21.059	290.0
4	1'23.050	18.306	23.742	19.120	21.882	290.4	22	1'21.641	18.276	23.364	18.964	21.037	287.2
5	1'21.543	18.231	23.394	18.921	20.997	294.7	23	1'27.641	18.370	23.522	19.598	26.151	286.7
6	1'27.518	P 19.865	23.841	19.242	24.570	289.8	<div>13th36Joan MIR</div> <div>Team SUZUKI ECSTAR</div> <div>SUZUKI</div> <div>SPA</div> <div>Runs=4Total laps=24Full laps=16</div>						
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard		Run #	1	Front Tyre	Slick-Soft	Rear Tyre	Slick-Medium	
			New Tyre		6 Laps at start				25 Laps at start		25 Laps at start		
7	7'37.512	19.900	24.444	19.745	21.394		1	2'02.020	20.802	26.130	20.313	22.123	
8	1'22.430	18.451	23.559	19.400	21.020	290.8	2	1'28.996	P 19.016	24.198	20.033	25.749	285.1
9	1'22.236	18.277	23.628	19.185	21.146	292.0	Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft	
10	1'22.142	18.255	23.611	19.195	21.081	293.6			New Tyre		New Tyre		
11	1'22.234	18.272	23.623	19.237	21.102	293.7	3	4'05.483	20.310	24.706	19.560	21.172	
12	1'22.247	18.263	23.643	19.165	21.176	292.9	4	1'22.545	18.497	23.786	19.226	21.036	288.3
13	1'33.424	P 20.892	25.217	20.261	27.054	277.7	5	1'22.190	18.263	23.649	19.232	21.046	290.4

**Fastest Lap:** Marc MARQUEZ Repsol Honda Team SPA 1'20.705 18.001 23.103 18.829 20.772

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# Free Practice Nr. 2

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed	
6	1'22.178	18.321	23.590	19.184	21.083	288.8	21	1'21.693	18.217	23.527	19.092	20.857	293.3	
7	1'22.289	18.304	23.601	19.293	21.091	288.3	22	1'30.327	20.785	25.939	19.810	23.793	292.8	
8	1'22.253	18.244	23.581	19.331	21.097	286.0	23	1'22.130	18.298	23.459	19.321	21.052	289.6	
9	1'28.241 P	18.418	23.655	19.399	26.769	287.0								
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		7 Laps at start		New Tyre										
10	4'56.046	20.633	25.123	20.090	21.434									
11	1'22.402	18.471	23.675	19.257	20.999	288.5								
12	1'21.818	18.262	23.460	19.232	20.864	288.6								
13	1'21.678	18.114	23.468	19.108	20.988	289.3								
14	1'21.877	18.272	23.432	19.113	21.060	289.0								
15	1'21.898	18.109	23.495	19.304	20.990	289.4								
16	1'21.929	18.179	23.456	19.173	21.121	290.3								
17	1'31.820 P	20.082	25.142	20.152	26.444	286.8								
Run # 4		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		15 Laps at start		8 Laps at start										
18	5'01.701	21.927	24.870	19.691	21.175									
19	1'22.160	18.368	23.516	19.356	20.920	287.9								
20	1'22.053	18.229	23.619	19.230	20.975	289.7								
21	1'23.867	19.168	24.093	19.471	21.135	290.9								
22	1'24.767	18.267	23.588	21.209	21.703	289.9								
23	1'22.061	18.158	23.617	19.267	21.019	291.1								
24	1'54.713 P	36.084	28.876	21.086	28.667	291.6								
14th 6		Stefan BRADL		HONDA		GER								
		Repsol Honda Team												
		Runs=4		Total laps=23		Full laps=16								
Run # 1		Front Tyre Slick-Hard		Rear Tyre Slick-Hard										
		New Tyre		New Tyre										
1	1'33.325	20.508	25.313	20.037	21.976									
2	1'26.735	19.099	23.959	19.612	24.065	280.5								
3	1'22.338	18.600	23.646	19.056	21.036	286.8								
4	1'22.940	18.669	24.211	19.046	21.014	281.3								
5	1'25.345	18.548	23.536	19.511	23.750	290.6								
6	1'21.983	18.325	23.540	19.131	20.987	293.7								
7	1'27.856 P	19.468	24.109	19.263	25.016	289.2								
Run # 2		Front Tyre Slick-Hard		Rear Tyre Slick-Hard										
		7 Laps at start		7 Laps at start										
8	7'32.988	22.073	24.926	19.680	21.187									
9	1'22.345	18.326	23.672	19.190	21.157	292.5								
10	1'22.632	18.423	23.929	19.189	21.091	292.0								
11	1'22.798	18.470	23.792	19.217	21.319	290.2								
12	1'22.104	18.356	23.621	19.110	21.017	291.1								
13	1'27.371 P	18.703	24.252	19.579	24.837	290.2								
Run # 3		Front Tyre Slick-Hard		Rear Tyre Slick-Hard										
		13 Laps at start		13 Laps at start										
14	6'00.577	23.996	25.555	19.789	21.822									
15	1'23.510	18.517	24.075	19.558	21.360	289.6								
16	1'22.865	18.501	23.883	19.271	21.210	289.6								
17	1'22.903	18.359	23.942	19.359	21.243	291.9								
18	1'27.178 P	18.445	24.008	19.624	25.101	290.4								
Run # 4		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
19	4'11.800	21.203	28.405	21.355	24.947									
20	1'31.216	21.028	29.565	19.577	21.046	286.3								
15th 30		Takaaki NAKAGAMI		HONDA		JPN								
		LCR Honda IDEMITSU												
		Runs=3		Total laps=21		Full laps=16								
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Medium										
		New Tyre		New Tyre										
1	2'05.795	21.542	26.253	20.850	22.254									
2	1'24.842	19.471	24.395	19.588	21.388	275.9								
3	1'23.406	18.875	24.140	19.198	21.193	283.7								
4	1'23.714	18.553	23.606	20.173	21.382	285.6								
5	1'22.233	18.569	23.521	19.143	21.000	283.3								
6	1'32.537 P	20.663	25.401	20.090	26.383	285.2								
Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Medium										
		6 Laps at start		6 Laps at start										
7	9'01.020	20.397	25.211	19.839	21.569									
8	1'23.090	18.706	23.675	19.175	21.534	286.3								
9	1'23.572	19.204	23.904	19.278	21.186	285.3								
10	1'22.424	18.578	23.583	19.091	21.172	284.7								
11	1'22.384	18.537	23.648	19.073	21.126	283.3								
12	1'27.067	20.656	25.424	19.517	21.470	284.7								
13	1'22.129	18.539	23.586	18.996	21.008	286.0								
14	1'32.418 P	20.382	26.210	19.717	26.109	284.4								
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Soft										
		New Tyre		New Tyre										
15	9'25.658	22.938	26.306	20.561	22.852									
16	1'23.639	19.114	24.107	19.282	21.136	285.7								
17	1'22.229	18.532	23.577	19.013	21.107	286.0								
18	1'21.778	18.434	23.388	18.956	21.000	285.7								
19	1'42.274	32.074	28.778	19.726	21.696	267.4								
20	1'25.460	18.507	23.350	18.920	24.683	286.3								
21	1'21.729	18.433	23.400	18.952	20.944	286.7								
16th 29		Andrea IANNONE		APRILIA		ITA								
		Aprilia Racing Team Gresini												
		Runs=4		Total laps=21		Full laps=15								
Run # 1		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		New Tyre		New Tyre										
1	1'56.306	21.440	26.191	21.434	35.836									
2	1'26.335	19.655	24.781	20.308	21.591	266.0								
3	1'25.863	18.656	23.757	19.518	23.932	284.9								
4	1'22.892	18.590	23.694	19.345	21.263	284.8								
5	1'22.209	18.534	23.490	19.100	21.085	291.3								
6	1'29.715	20.623	27.355	19.797	21.940	283.6								
7	1'22.456	18.445	23.628	19.185	21.198	289.1								
8	1'32.396 P	20.108	26.998	20.026	25.264	285.1								
Run # 2		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		8 Laps at start		8 Laps at start										
9	6'01.705 P	22.126	24.731	29.789	35.819									
Run # 3		Front Tyre Slick-Medium		Rear Tyre Slick-Hard										
		9 Laps at start		9 Laps at start										
10	6'02.273	27.848	24.348	19.589	21.355									
11	1'22.253	18.713	23.498	18.979	21.063	287.2								
12	1'22.141	18.475	23.443	19.065	21.158	288.8								



## Free Practice Nr. 2

## MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed
13	1'22.100	18.286	23.504	19.134	21.176	288.0	7	1'22.812	18.401	23.738	19.300	21.373	288.9
14	1'30.350 P	19.239	24.941	20.141	26.029	284.2	8	1'31.310 P	20.399	24.982	19.759	26.170	282.7
Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre							Run # 2 Front Tyre Slick-Hard Rear Tyre Slick-Hard New Tyre 8 Laps at start						
15	7'51.717	21.615	26.912	19.746	21.290		9	6'52.131	21.612	25.139	19.841	21.370	
16	1'21.939	18.298	23.504	19.117	21.020	290.7	10	1'23.464	18.742	23.935	19.469	21.318	284.1
17	1'28.525	22.126	25.365	19.444	21.590	288.3	11	1'23.340	18.496	23.965	19.534	21.345	287.0
18	1'27.535	18.491	27.047	19.603	22.394	287.4	12	1'23.052	18.606	23.822	19.305	21.319	287.0
19	1'21.758	18.325	23.394	19.054	20.985	289.4	13	1'23.322	18.585	23.823	19.393	21.521	285.7
20	1'44.167	18.252	30.961	31.196	23.758	288.0	14	1'23.182	18.650	23.788	19.458	21.286	275.3
21	1'21.980	18.280	23.418	19.126	21.156	289.3	15	1'31.726 P	18.653	27.647	20.183	25.243	285.8
Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre 15 Laps at start							Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre 15 Laps at start						
Runs=3 Total laps=23 Full laps=18							Runs=3 Total laps=20 Full laps=15						
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Soft 4 Laps at start 4 Laps at start							Run # 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 5 Laps at start New Tyre						
1	1'33.215	20.317	25.376	20.372	22.051		21	4'02.744	20.915	24.536	19.751	21.160	
2	1'24.319	18.903	23.958	19.729	21.729	280.7	22	1'22.200	18.403	23.639	19.154	21.004	290.0
3	1'24.381	18.887	23.922	19.541	22.031	282.2	23	1'21.899	18.200	23.515	19.189	20.995	290.9
4	1'23.195	18.810	23.676	19.256	21.453	285.2	Run # 5 Front Tyre Slick-Hard Rear Tyre Slick-Hard New Tyre New Tyre						
5	1'23.446	18.571	23.640	19.534	21.701	284.0	1	1'38.647	19.988	25.104	20.176	21.872	
6	1'23.271	18.812	23.679	19.306	21.474	283.0	2	1'23.305	18.689	23.891	19.424	21.301	288.0
7	1'27.351 P	18.840	23.828	19.450	25.233	278.5	3	1'22.979	18.385	23.860	19.400	21.334	291.4
Run # 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 11 Laps at start New Tyre							4	1'22.399	18.527	23.453	19.114	21.305	289.6
8	7'12.100	23.247	26.081	20.439	22.213		5	1'22.037	18.309	23.416	19.157	21.155	289.4
9	1'24.651	18.918	24.404	19.652	21.677	285.3	6	1'26.249	20.608	24.768	19.679	21.194	290.6
10	1'36.731	24.147	27.307	21.667	23.610	284.6	7	1'22.049	18.316	23.512	19.108	21.113	292.3
11	1'22.985	18.633	23.816	19.256	21.280	287.9	8	1'26.775	20.266	25.699	19.658	21.152	284.2
12	1'22.423	18.533	23.565	19.220	21.105	285.7	9	1'22.034	18.267	23.469	19.121	21.177	291.6
13	1'26.933	18.584	23.989	19.428	24.932	286.6	10	1'30.668 P	18.278	25.232	20.673	26.485	289.3
14	1'23.349	18.690	23.793	19.332	21.534	280.4	Run # 2 Front Tyre Slick-Hard Rear Tyre Slick-Hard 10 Laps at start 10 Laps at start						
15	1'22.652	18.582	23.734	19.171	21.165	284.0	11	9'21.344	21.849	24.814	22.723	21.547	
16	1'22.532	18.469	23.660	19.110	21.293	285.6	12	1'22.817	18.490	23.729	19.316	21.282	288.1
17	1'28.174	20.591	26.907	19.305	21.371	286.3	13	1'22.379	18.228	23.620	19.370	21.161	290.4
18	1'28.547 P	18.527	23.769	19.296	26.955	285.0	14	1'27.450	21.943	24.390	19.894	21.223	291.4
Run # 3 Front Tyre Slick-Soft Rear Tyre Slick-Soft New Tyre New Tyre							15	1'22.860	18.476	23.704	19.355	21.325	287.0
19	8'49.188	26.536	27.468	20.806	28.527		16	1'23.987	18.443	24.217	19.687	21.640	289.3
20	1'32.877	19.492	30.320	21.732	21.333	286.1	17	1'28.139 P	18.612	24.152	19.973	25.402	289.7
21	1'26.983	18.765	26.487	19.650	22.081	289.7	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
22	1'22.188	18.370	23.481	19.055	21.282	290.0	18	10'20.670	21.408	29.523	20.110	21.253	
23	1'21.897	18.343	23.427	19.111	21.016	287.0	19	1'22.008	18.283	23.436	19.246	21.043	289.0
Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard 10 Laps at start New Tyre							20	1'22.001	18.336	23.403	19.177	21.085	290.0
1	1'47.912	21.557	25.676	20.398	22.068		Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
2	1'24.534	18.997	24.307	19.815	21.415	274.4	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
3	1'23.136	18.610	23.883	19.351	21.292	273.4	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
4	1'22.551	18.553	23.631	19.231	21.136	284.9	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
5	1'22.368	18.488	23.632	19.183	21.065	287.9	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						
6	1'22.572	18.417	23.657	19.273	21.225	288.6	Run # 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft New Tyre New Tyre						

Fastest Lap: Marc MARQUEZ

Repsol Honda Team

SPA

1'20.705

18.001

23.103

18.829

20.772

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# Free Practice Nr. 2

MotoGP

Lap	Lap Time	T1	T2	T3	T4	Speed	Lap	Lap Time	T1	T2	T3	T4	Speed			
20th	55	Hafizh SYAHRIN				KTM	MAL	19	1'28.035	P	20.105	24.133	19.560	24.237	289.3	
Red Bull KTM Tech 3							Run # 3									
Runs=3    Total laps=20    Full laps=15							Front Tyre Slick-Medium Rear Tyre Slick-Soft									
							11 Laps at start    New Tyre									
Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Hard		20	5'12.017	32.696	32.846	21.615	21.413				
New Tyre							New Tyre									
1	1'47.260	22.047	27.261	21.191	24.036		21	1'22.535	18.344	23.653	19.427	21.111	288.6			
2	1'25.076	19.211	24.635	19.789	21.441	287.5	22	1'25.446	18.281	24.927	20.290	21.948	290.8			
3	1'23.148	18.507	23.952	19.361	21.328	289.0	23	1'22.783	18.453	23.633	19.463	21.234	292.3			
4	1'22.824	18.802	23.652	19.207	21.163	282.1	24	1'22.462	18.352	23.483	19.458	21.169	288.5			
5	1'22.361	18.459	23.695	19.110	21.097	285.8										
6	1'22.547	18.435	23.651	19.205	21.256	284.4										
7	1'39.225	P	19.875	30.380	21.119	273.0										
Run #	2	Front Tyre	Slick-Hard	Rear Tyre	Slick-Hard											
New Tyre							7 Laps at start									
8	8'42.023	26.009	27.806	21.041	23.302											
9	1'25.220	19.399	24.673	19.788	21.360	284.2										
10	1'26.436	18.664	24.166	20.505	23.101	288.6										
11	1'23.047	18.553	23.873	19.394	21.227	282.5										
12	1'23.110	18.566	23.932	19.334	21.278	285.6										
13	1'23.242	18.677	23.959	19.407	21.199	287.6										
14	1'35.839	P	21.576	25.594	20.967	285.5										
Run #	3	Front Tyre	Slick-Medium	Rear Tyre	Slick-Soft											
7 Laps at start							New Tyre									
15	10'21.687	23.155	26.147	21.157	23.003											
16	1'30.121	19.494	26.011	20.535	24.081	286.3										
17	1'22.340	18.396	23.657	19.255	21.032	279.6										
18	1'33.413	18.752	32.971	20.450	21.240	287.2										
19	1'22.208	18.308	23.641	19.191	21.068	288.6										
20	1'26.082	20.126	24.999	19.511	21.446	287.2										

**21st 53 Tito RABAT**  
Reale Avintia Racing

DUCATI SPA

Runs=3 Total laps=24 Full laps=19

Run #	1	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium	
			New Tyre		New Tyre	
1	1'32.993	20.572	25.413	20.519	21.888	
2	1'24.334	18.831	23.987	19.971	21.545	278.6
3	1'23.875	18.733	24.002	19.708	21.432	288.5
4	1'23.184	18.467	23.878	19.709	21.130	287.0
5	1'23.993	18.531	24.267	19.631	21.564	289.5
6	1'23.298	18.454	23.819	19.566	21.459	289.8
7	1'22.674	18.367	23.642	19.561	21.104	285.2
8	1'26.410 P	18.271	23.797	19.506	24.836	290.7

Run #	2	Front Tyre	Slick-Medium	Rear Tyre	Slick-Medium	
			New Tyre		8 Laps at start	
9	9'57.678	26.254	33.100	21.904	22.036	
10	1'23.485	18.766	23.949	19.591	21.179	285.4
11	1'23.068	18.398	23.983	19.540	21.147	290.6
12	1'23.158	18.431	23.911	19.541	21.275	288.0
13	1'22.921	18.446	23.822	19.433	21.220	289.4
14	1'29.218	19.142	27.075	20.311	22.690	288.7
15	1'23.270	18.579	23.861	19.611	21.219	277.7
16	1'22.821	18.388	23.671	19.527	21.235	290.0
17	1'23.123	18.566	23.884	19.520	21.153	289.1
18	1'22.971	18.315	23.800	19.613	21.243	288.5

**Fastest Lap:** Marc MARQUEZ Repsol Honda Team SPA **1'20.705** 18.001 23.103 18.829 20.772

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## HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

### Free Practice Nr. 2

### Best Partial Times

**MotoGP™**

**IT** Ideal Lap Time, sum of the best partial times

**BT** Best Lap Time

T1			T2		T3		T4						
Pos	Rider	Time	Rider	Time	Rider	Time	Rider	Time	Pos	Rider	IT	BT	
1	J.MILLER	17.957	M.MARQUEZ	23.103	F.QUARTARARO	18.800	P.ESPARGARO	20.703	1	M.MARQUEZ	1'20.700	1'20.705	(1)
2	M.MARQUEZ	17.996	F.QUARTARARO	23.109	A.RINS	18.825	A.RINS	20.772	2	F.QUARTARAR	1'20.775	1'21.065	(3)
3	M.VIÑALES	18.053	C.CRUTCHLOW	23.206	M.MARQUEZ	18.829	M.MARQUEZ	20.772	3	A.RINS	1'20.962	1'21.046	(2)
4	A.DOVIZIOSO	18.057	V.ROSSI	23.240	M.VIÑALES	18.874	J.MILLER	20.798	4	M.VIÑALES	1'21.087	1'21.193	(4)
5	F.QUARTARARO	18.061	A.RINS	23.254	A.ESPARGARO	18.917	F.QUARTARARO	20.805	5	J.MILLER	1'21.197	1'21.442	(7)
6	J.MIR	18.109	A.DOVIZIOSO	23.314	T.NAKAGAMI	18.920	F.MORBIDELLI	20.832	6	P.ESPARGAR	1'21.198	1'21.265	(5)
7	A.RINS	18.111	M.VIÑALES	23.325	F.MORBIDELLI	18.964	M.VIÑALES	20.835	7	C.CRUTCHLO	1'21.268	1'21.392	(6)
8	D.PETRUCCI	18.113	T.NAKAGAMI	23.350	A.IANNONE	18.979	S.BRADL	20.857	8	A.DOVIZIOSO	1'21.331	1'21.489	(9)
9	C.CRUTCHLOW	18.114	P.ESPARGARO	23.360	P.ESPARGARO	19.017	J.MIR	20.864	9	V.ROSSI	1'21.360	1'21.538	(10)
10	P.ESPARGARO	18.118	F.MORBIDELLI	23.364	A.DOVIZIOSO	19.020	V.ROSSI	20.902	10	F.MORBIDELLI	1'21.415	1'21.641	(12)
11	V.ROSSI	18.119	J.MILLER	23.368	D.PETRUCCI	19.038	D.PETRUCCI	20.907	11	D.PETRUCCI	1'21.435	1'21.484	(8)
12	M.OLIVEIRA	18.200	D.PETRUCCI	23.377	C.CRUTCHLOW	19.041	C.CRUTCHLOW	20.907	12	A.ESPARGAR	1'21.467	1'21.543	(11)
13	A.ESPARGARO	18.201	A.IANNONE	23.394	S.BRADL	19.046	A.DOVIZIOSO	20.940	13	J.MIR	1'21.513	1'21.678	(13)
14	S.BRADL	18.217	A.ESPARGARO	23.394	K.ABRAHAM	19.055	T.NAKAGAMI	20.944	14	S.BRADL	1'21.579	1'21.693	(14)
15	J.ZARCO	18.228	J.ZARCO	23.403	J.MILLER	19.074	A.ESPARGARO	20.955	15	A.IANNONE	1'21.610	1'21.758	(16)
16	A.IANNONE	18.252	K.ABRAHAM	23.427	V.ROSSI	19.099	A.IANNONE	20.985	16	T.NAKAGAMI	1'21.647	1'21.729	(15)
17	F.MORBIDELLI	18.255	J.MIR	23.432	J.ZARCO	19.108	M.OLIVEIRA	20.995	17	J.ZARCO	1'21.782	1'22.001	(19)
18	T.RABAT	18.271	S.BRADL	23.459	J.MIR	19.108	K.ABRAHAM	21.016	18	K.ABRAHAM	1'21.841	1'21.897	(17)
19	H.SYHRIN	18.308	T.RABAT	23.483	H.SYHRIN	19.110	H.SYHRIN	21.032	19	M.OLIVEIRA	1'21.864	1'21.899	(18)
20	K.ABRAHAM	18.343	M.OLIVEIRA	23.515	M.OLIVEIRA	19.154	J.ZARCO	21.043	20	H.SYHRIN	1'22.091	1'22.208	(20)
21	T.NAKAGAMI	18.433	H.SYHRIN	23.641	T.RABAT	19.427	T.RABAT	21.104	21	T.RABAT	1'22.285	1'22.462	(21)


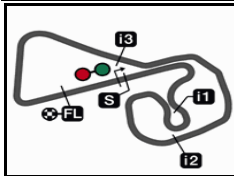
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## HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

### Free Practice Nr. 2

### Fastest Laps Sequence

<i>Practice Time</i>		<i>Rider</i>	<i>Nation</i>	<i>Motorcycle</i>	<i>Time</i>	<i>Km/h</i>	<i>Rider's Lap</i>
2'56.593		93 Marc MARQUEZ	SPA	HONDA	1'23.931	157.4	2
2'58.401		12 Maverick VIÑALES	SPA	YAMAHA	1'22.982	159.2	2
2'58.577		41 Aleix ESPARGARO	SPA	APRILIA	1'22.916	159.3	2
3'17.159		42 Alex RINS	SPA	SUZUKI	1'22.827	159.5	2
4'22.233		21 Franco MORBIDELLI	ITA	YAMAHA	1'22.546	160.0	3
4'22.398		6 Stefan BRADL	GER	HONDA	1'22.338	160.5	3
4'38.567		42 Alex RINS	SPA	SUZUKI	1'21.408	162.3	3
7'02.684		93 Marc MARQUEZ	SPA	HONDA	1'21.113	162.9	5
25'23.391		20 Fabio QUARTARARO	FRA	YAMAHA	1'21.100	162.9	13
36'07.449		42 Alex RINS	SPA	SUZUKI	1'21.046	163.0	20
41'47.885		93 Marc MARQUEZ	SPA	HONDA	1'20.705	163.7	23

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Sachsenring, Friday, July 05, 2019

