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Sachsenring Sachsenring 3671 m.

MotoGP™

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

Free Practice Nr. 3 Classification

10

2 20 Fabio QUARTARARO FRA Petronas Yamaha SRT YAMAHA 1'20.515 14 22 0.168 0.168 2 3 12 Maverick VIÑALES SPA Monster Energy Yamaha MotoGP YAMAHA 1'20.634 20 22 0.287 0.119 2 4 35 Cal CRUTCHLOW GBR LCR Honda CASTROL HONDA 1'20.653 20 21 0.306 0.019 2 5 42 Alex RINS SPA Team SUZUKI ECSTAR SUZUKI 1'20.679 22 23 0.332 0.026 2 6 21 Franco MORBIDELLI ITA Petronas Yamaha SRT YAMAHA 1'20.831 20 22 0.486 0.154 2 7 9 Danilo PETRUCCI ITA Ducati Team DUCATI 1'20.831 20 22 0.520 0.034 0.02 0.520 0.034 0.02 0.544 0.024 2 0.520 0.034 0.054 0.02 0.544 0.024 2 0.544 0.026 2 0.544 0.024 2 0.520 0.034 0.544 0.024 2 0.544 0.024 2 0.520 0.030 0.054 0.030 0.05		6	Rider	Nation	Team	Motorcycle	Time Lap Total	Gap Top	Speed
3 12 Maverick VIÑALES 3 7 Monster Energy Yamaha MotoGP 4 35 Cal CRUTCHLOW 5 42 Alex RINS 5 24 Alex RINS 6 21 Franco MORBIDELLI 7 9 Danilo PETRUCCI 8 43 Jack MILLER 9 36 Joan MIR 10 LESPARGARO 11 44 Pol ESPARGARO 11 46 Valentino ROSSI 11 Monster Energy Yamaha MotoGP 12 41 Aleix ESPARGARO 13 0 Takaaki NAKAGAMI 14 4 Andrea DOVIZIOSO 15 88 Miguel OLIVEIRA 16 29 Andrea IANNONE 17 5 Johann ZARCO 18 6 Stefan BRADL 18 GBR LCR Honda CASTROL 11 CASTROL 11 HONDA 11 12 0.633 10 22 0.287 0.119 12 0.306 0.019 12 0.308 0.019 12 0.308 0.019 12 0.308 0.019 12 0.308 0.026 13 0.308 0.026 14 0.024 15 0.520 0.034 16 0.520 0.034 17 0.520 0.034 18 0.544 0.024 18 0.540 0.024 19 0.6672 0.033 19 0.6672 0.033 10 0.6772 0.033 10 0.6772 0.033 11 0.080 0.095 12 0.520 0.034 13 0.544 0.024 15 0.520 0.034 16 0.540 0.024 17 0.540 0.026 18 0.540 0.026 18 0.540 0.026 19 0.037 0.039 19 0.067 0.077 19 0.039 10 0.067 0.077 10 0.	1	93	Marc MARQUEZ	SPA	Repsol Honda Team	HONDA	1'20.347 25 26		294.9
4 35 Cal CRUTCHLOW GBR LCR Honda CASTROL HONDA 1'20.653 20 21 0.306 0.019 2 5 42 Alex RINS SPA Team SUZUKI ECSTAR SUZUKI 1'20.679 22 23 0.332 0.026 2 6 21 Franco MORBIDELLI ITA Petronas Yamaha SRT YAMAHA 1'20.833 20 22 0.486 0.154 2 7 9 Danilo PETRUCCI ITA Ducati Team DUCATI 1'20.867 17 22 0.520 0.034 2 8 43 Jack MILLER AUS Pramac Racing DUCATI 1'20.896 18 22 0.639 0.095 2 9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18	2	20	Fabio QUARTARARO	FRA	Petronas Yamaha SRT	YAMAHA	1'20.515 14 22	0.168 0.168	290.4
5 42 Alex RINS SPA Team SUZUKI ECSTAR SUZUKI 1'20.679 22 23 0.332 0.026 2 6 21 Franco MORBIDELLI ITA Petronas Yamaha SRT YAMAHA 1'20.833 20 22 0.486 0.154 2 7 9 Danilo PETRUCCI ITA Ducati Team DUCATI 1'20.867 17 22 0.520 0.034 2 8 43 Jack MILLER AUS Pramac Racing DUCATI 1'20.891 20 23 0.544 0.024 2 9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.019 18 19 0.672 0.033 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.019	3	12	Maverick VIÑALES	SPA	Monster Energy Yamaha MotoGP	YAMAHA	1'20.634 20 22	0.287 0.119	293.7
6 21 Franco MORBIDELLI ITA Petronas Yamaha SRT YAMAHA 1'20.833 20 22 0.486 0.154 2 7 9 Danilo PETRUCCI ITA Ducati Team DUCATI 1'20.867 17 22 0.520 0.034 2 8 43 Jack MILLER AUS Pramac Racing DUCATI 1'20.891 20 23 0.544 0.024 2 9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 1	4	35	Cal CRUTCHLOW	GBR	LCR Honda CASTROL	HONDA	1'20.653 20 21	0.306 0.019	295.9
7 9 Danilo PETRUCCI ITA Ducati Team DUCATI 1'20.867 17 22 0.520 0.034 2 8 43 Jack MILLER AUS Pramac Racing DUCATI 1'20.891 20 23 0.544 0.024 2 9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24<	5	42	Alex RINS	SPA	Team SUZUKI ECSTAR	SUZUKI	1'20.679 22 23	0.332 0.026	293.4
8 43 Jack MILLER AUS Pramac Racing DUCATI 1'20.891 20 23 0.544 0.024 2 9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.435 20	6	21	Franco MORBIDELLI	ITA	Petronas Yamaha SRT	YAMAHA	1'20.833 20 22	0.486 0.154	290.7
9 36 Joan MIR SPA Team SUZUKI ECSTAR SUZUKI 1'20.986 18 22 0.639 0.095 2 10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.435 20 20 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 7 19 1.625 0.140 2 <t< th=""><th>7</th><th>9</th><th>Danilo PETRUCCI</th><th>ITA</th><th>Ducati Team</th><th>DUCATI</th><th>1'20.867 17 22</th><th>0.520 0.034</th><th>292.2</th></t<>	7	9	Danilo PETRUCCI	ITA	Ducati Team	DUCATI	1'20.867 17 22	0.520 0.034	292.2
10 44 Pol ESPARGARO SPA Red Bull KTM Factory Racing KTM 1'21.019 18 19 0.672 0.033 2 11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.435 20 20 1.088 0.054 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.443 <td< th=""><th>8</th><th>43</th><th>Jack MILLER</th><th>AUS</th><th>Pramac Racing</th><th>DUCATI</th><th>1'20.891 20 23</th><th>0.544 0.024</th><th>296.7</th></td<>	8	43	Jack MILLER	AUS	Pramac Racing	DUCATI	1'20.891 20 23	0.544 0.024	296.7
11 46 Valentino ROSSI ITA Monster Energy Yamaha MotoGP YAMAHA 1'21.026 23 25 0.679 0.007 2 12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.832	9	36	Joan MIR	SPA	Team SUZUKI ECSTAR	SUZUKI	1'20.986 18 22	0.639 0.095	292.7
12 41 Aleix ESPARGARO SPA Aprilia Racing Team Gresini APRILIA 1'21.086 4 18 0.739 0.060 2 13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.972 7 19 1.625 0.140 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2 <th>10</th> <th>44</th> <th>Pol ESPARGARO</th> <th>SPA</th> <th>Red Bull KTM Factory Racing</th> <th>KTM</th> <th>1'21.019 18 19</th> <th>0.672 0.033</th> <th>295.7</th>	10	44	Pol ESPARGARO	SPA	Red Bull KTM Factory Racing	KTM	1'21.019 18 19	0.672 0.033	295.7
13 30 Takaaki NAKAGAMI JPN LCR Honda IDEMITSU HONDA 1'21.125 21 24 0.778 0.039 2 14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.485 0.221 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 1	11	46	Valentino ROSSI	ITA	Monster Energy Yamaha MotoGP	YAMAHA	1'21.026 23 25	0.679 0.007	291.4
14 4 Andrea DOVIZIOSO ITA Ducati Team DUCATI 1'21.184 20 22 0.837 0.059 2 15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.485 0.221 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	12	41	Aleix ESPARGARO	SPA	Aprilia Racing Team Gresini	APRILIA	1'21.086 4 18	0.739 0.060	296.2
15 88 Miguel OLIVEIRA POR Red Bull KTM Tech 3 KTM 1'21.375 23 23 1.028 0.191 2 16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.485 0.221 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	13	30	Takaaki NAKAGAMI	JPN	LCR Honda IDEMITSU	HONDA	1'21.125 21 24	0.778 0.039	288.6
16 29 Andrea IANNONE ITA Aprilia Racing Team Gresini APRILIA 1'21.381 22 25 1.034 0.006 2 17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.264 0.168 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	14	4	Andrea DOVIZIOSO	ITA	Ducati Team	DUCATI	1'21.184 20 22	0.837 0.059	296.4
17 5 Johann ZARCO FRA Red Bull KTM Factory Racing KTM 1'21.435 20 20 1.088 0.054 2 18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.264 0.168 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	15	88	Miguel OLIVEIRA	POR	Red Bull KTM Tech 3	KTM	1'21.375 23 23	1.028 0.191	292.2
18 6 Stefan BRADL GER Repsol Honda Team HONDA 1'21.443 24 24 1.096 0.008 2 19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.264 0.168 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	16	29	Andrea IANNONE	ITA	Aprilia Racing Team Gresini	APRILIA	1'21.381 22 25	1.034 0.006	291.8
19 53 Tito RABAT SPA Reale Avintia Racing DUCATI 1'21.611 21 22 1.264 0.168 2 20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	17	5	Johann ZARCO	FRA	Red Bull KTM Factory Racing	KTM	1'21.435 20 20	1.088 0.054	292.5
20 17 Karel ABRAHAM CZE Reale Avintia Racing DUCATI 1'21.832 19 21 1.485 0.221 2 21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	18	6	Stefan BRADL	GER	Repsol Honda Team	HONDA	1'21.443 24 24	1.096 0.008	295.9
21 55 Hafizh SYAHRIN MAL Red Bull KTM Tech 3 KTM 1'21.972 7 19 1.625 0.140 2	19	53	Tito RABAT	SPA	Reale Avintia Racing	DUCATI	1'21.611 21 22	1.264 0.168	290.9
	20	17	Karel ABRAHAM	CZE	Reale Avintia Racing	DUCATI	1'21.832 19 21	1.485 0.221	293.0
22 62 Francisco BACNAIA ITA Promos Bosing DUICATI 4122 450 19 21 1 202 0 179 2	21	55	Hafizh SYAHRIN	MAL	Red Bull KTM Tech 3	KTM	1'21.972 7 19	1.625 0.140	290.3
22 03 Francesco Bagnaia IIA Flamac Racing DUCATI 1'22.150 16 21 1.603 0.176 2	22	63	Francesco BAGNAIA	ITA	Pramac Racing	DUCATI	1'22.150 18 21	1.803 0.178	293.8

Practice condition: Dry

Air: 24° Humidity: 40% Ground: 33°

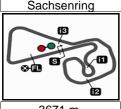
Fastest Lap:	Lap: 25	Marc MARQUEZ	1'20.347	164.4 Km/h
Best Race Lap:	2017	Jonas FOLGER	1'21.442	162.2 Km/h
All Time Lap Record:	2018	Marc MARQUEZ	1'20.270	164.6 Km/h

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









MotoGP™ HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

	Ш	actice N			
3671 m.	Combin	ned Free	Practice Time:	S	
Ride	r Nation	Team	MOTORCYCLE	FP1	FP2

Rider	Nation Team I	MOTORCYCLE	FP1	FP2	FP3	Gap
1 93 M.MARQUEZ	SPA Repsol Honda Team	HONDA	1'21.464 7	1'20.705 ²³	1'20.347 ²⁵	
2 20 F.QUARTARARO	FRA Petronas Yamaha SRT	YAMAHA	1'21.390 21	1'21.065 ²⁰	1'20.515 ¹⁴	0.168 0.168
3 12 M.VIÑALES	SPA Monster Energy Yamaha M	otoGP YAMAHA	1'22.251 12	1'21.193 22	1'20.634 ²⁰	0.287 0.119
4 35 C.CRUTCHLOW	GBR LCR Honda CASTROL	HONDA	1'22.439 6	1'21.392 22	1'20.653 ²⁰	0.306 0.019
5 42 A.RINS	SPA Team SUZUKI ECSTAR	SUZUKI	1'21.967 5	1'21.046 20	1'20.679 ²²	0.332 0.026
6 21 F.MORBIDELLI	ITA Petronas Yamaha SRT	YAMAHA	1'22.512 ²¹	1'21.641 22	1'20.833 ²⁰	0.486 0.154
7 9 D.PETRUCCI	ITA Ducati Team	DUCATI	1'22.566 9	1'21.484 19	1'20.867 ¹⁷	0.520 0.034
8 43 J.MILLER	AUS Pramac Racing	DUCATI	1'22.365 6	1'21.442 22	1'20.891 ²⁰	0.544 0.024
9 36 J.MIR	SPA Team SUZUKI ECSTAR	SUZUKI	1'22.856 12	1'21.678 13	1'20.986 18	0.639 0.095
10 44 P.ESPARGARO	SPA Red Bull KTM Factory Racin	ng KTM	1'22.458 7	1'21.265 20	1'21.019 18	0.672 0.033
11 46 V.ROSSI	ITA Monster Energy Yamaha M	otoGP YAMAHA	1'21.964 ²¹	1'21.538 ²³	1'21.026 ²³	0.679 0.007
12 41 A.ESPARGARO	SPA Aprilia Racing Team Gresin	i APRILIA	1'22.543 5	1'21.543 5	1'21.086 ⁴	0.739 0.060
13 30 T.NAKAGAMI	JPN LCR Honda IDEMITSU	HONDA	1'22.415 16	1'21.729 21	1'21.125 ²¹	0.778 0.039
14 4 A.DOVIZIOSO	ITA Ducati Team	DUCATI	1'22.282 7	1'21.489 18	1'21.184 ²⁰	0.837 0.059
15 88 M.OLIVEIRA	POR Red Bull KTM Tech 3	KTM	1'22.762 7	1'21.899 ²³	1 2 1.070	1.028 0.191
16 29 A.IANNONE	ITA Aprilia Racing Team Gresin	i APRILIA	1'22.397 14	1'21.758 19	1'21.381 ²²	1.034 0.006
17 5 J.ZARCO	FRA Red Bull KTM Factory Raci	ng KTM	1'22.705 8	1'22.001 20	1'21.435 ²⁰	1.088 0.054
18 6 S.BRADL	GER Repsol Honda Team	HONDA	1'22.729 5	1'21.693 21	1'21.443 ²⁴	1.096 0.008
19 53 T.RABAT	SPA Reale Avintia Racing	DUCATI	1'22.898 8	1'22.462 24	1'21.611 ²¹	1.264 0.168
20 17 K.ABRAHAM	CZE Reale Avintia Racing	DUCATI	1'22.487 22	1'21.897 23	1'21.832 19	1.485 0.221
21 55 H.SYAHRIN	MAL Red Bull KTM Tech 3	KTM	1'23.957 4	1'22.208 19	1'21.972 ⁷	1.625 0.140
22 63 F.BAGNAIA	ITA Pramac Racing	DUCATI	1'22.729 8		1'22.150 ¹⁸	1.803 0.178

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

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







MotoGP™

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

Free Practice Nr. 3 Top Speed & Average

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Son.	Rider	Nation	Motorcycle		Тор	5 spee	eds		Average	Тор
43	Jack MILLER	AUS	DUCATI	296.7	296.6	295.5	295.4	295.3	295.9	296.7
4	Andrea DOVIZIOSO	ITA	DUCATI	296.4	295.8	295.4	295.4	295.3	295.6	296.4
41	Aleix ESPARGARO	SPA	APRILIA	296.2	296.2	295.0	294.8	294.1	295.3	296.2
6	Stefan BRADL	GER	HONDA	295.9	292.6	292.4	292.2	292.2	293.1	295.9
35	Cal CRUTCHLOW	GBR	HONDA	295.9	294.5	294.5	294.0	293.9	294.6	295.9
44	Pol ESPARGARO	SPA	KTM	295.7	295.4	294.8	293.8	293.4	294.6	295.7
93	Marc MARQUEZ	SPA	HONDA	294.9	294.5	294.4	294.2	294.1	294.4	294.9
63	Francesco BAGNAIA	ITA	DUCATI	293.8	293.0	292.7	292.5	292.2	292.7	293.8
12	Maverick VIÑALES	SPA	YAMAHA	293.7	293.4	292.5	292.4	292.4	292.8	293.7
42	Alex RINS	SPA	SUZUKI	293.4	292.9	291.9	291.9	291.9	292.4	293.4
17	Karel ABRAHAM	CZE	DUCATI	293.0	292.4	291.8	291.6	290.7	291.7	293.0
36	Joan MIR	SPA	SUZUKI	292.7	292.4	292.2	291.7	291.6	292.1	292.7
5	Johann ZARCO	FRA	KTM	292.5	291.8	291.4	291.2	290.4	291.5	292.5
88	Miguel OLIVEIRA	POR	KTM	292.2	292.1	291.6	289.8	288.8	290.9	292.2
9	Danilo PETRUCCI	ITA	DUCATI	292.2	291.9	291.9	291.8	291.7	291.8	292.2
29	Andrea IANNONE	ITA	APRILIA	291.8	290.3	290.3	289.6	289.0	290.2	291.8
46	Valentino ROSSI	ITA	YAMAHA	291.4	290.4	290.3	290.1	290.0	290.4	291.4
53	Tito RABAT	SPA	DUCATI	290.9	290.7	290.6	290.6	289.8	290.5	290.9
21	Franco MORBIDELLI	ITA	YAMAHA	290.7	288.6	287.9	287.7	287.6	288.4	290.7
20	Fabio QUARTARARO	FRA	YAMAHA	290.4	290.0	290.0	289.9	289.8	290.0	290.4
55	Hafizh SYAHRIN	MAL	KTM	290.3	289.6	289.3	289.2	288.6	289.4	290.3
30	Takaaki NAKAGAMI	JPN	HONDA	288.6	288.5	288.2	288.1	288.1	288.3	288.6







MotoGP™

HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND

Free Practice Nr. 3 **Chronological Analysis of Performances**

- * Lap / Sector time cancelled
- P Crossing the finish line in pit lane
- ** Tyre data subject to further updates
- **71** Time from finish line to 1st intermediate
- 72 Time from 1st intermed. to 2nd intermed.
- 73 Time from 2nd intermed. to 3rd intermed.
- 74 Time from 3rd intermediate to finish line

Lap	Lap Tim	e T1	Т2	<i>T3</i>	<i>T4</i>	Speed	Lap	Lap Time	T1	<i>T2</i>	<i>T3</i>	T4	Speed
104	93	Marc MA	RQUEZ	Н	DNDA	SPA	3	1'22.014	18.215	23.430	19.225	21.144	289.8
1st	. 93	Repsol Hor	ida Team				4	1'35.898	30.696	24.679	19.197	21.326	288.0
			Runs=4	Total laps=	26 Ful	l laps=19	5	1'41.370	32.113	26.953	21.269	21.035	290.0
Run	# 1	Front Tyre	Slick-Hard	Rear T	yre Slick-	Soft	6	1'22.176	18.320	23.375	19.320	21.161	287.7
			New Tyre	9	6 Laps	at start	7	1'22.092	18.217	23.417	19.340	21.118	289.5
1	1'36.445	22.64	3 25.957	20.553	22.765		8	1'21.933	18.250	23.381	19.063	21.239	288.4
2	1'23.155	18.66	1 23.904	19.300	21.290	294.1	9	1'21.994	18.283	23.442	19.058	21.211	287.3
3	1'21.639	18.16	3 23.407	19.059	21.007	294.4	10	1'22.237	18.293	23.508	19.210	21.226	287.7
4	1'21.473	18.23	23.366	18.970	20.907	294.9	11	1'31.132 F	21.512	25.012	19.565	25.043	224.7
5	1'21.388	18.22	4 23.294	18.896	20.974	293.7	Rur	1#2 F	ront Tyre S	Slick-Medi	um <i>Rear</i> :	<i>Tyre</i> Slick-	Soft
6	1'21.653	18.19	23.464	18.995	20.998	294.5				New Tyr	е	Ne	w Tyre
7	1'27.833	P 19.26	24.129	19.378	25.057	291.9	12	12'41.742	20.725	24.631	19.605	21.865	
Run	# 2	Front Tyre	Slick-Hard	Rear T	yre Slick-	Soft	13	1'20.825	18.128	23.131	18.787	20.779	288.3
		7	' Laps at sta	rt	13 <i>Laps</i>	at start	14	1'20.515	17.915	23.066	18.742	20.792	290.0
8	5'23.560	19.38	24.341	19.931	21.648		15	1'20.906	17.958	23.162	18.892	20.894	289.5
9	1'22.508	18.44	4 23.750	19.247	21.067	291.3	16	1'21.050	18.077	23.228	18.872	20.873	287.9
10	1'21.845	18.20	23.498	19.091	21.047	293.3	17	1'33.219 F	21.670	26.374	19.086	26.089	285.7
11	1'21.951	18.19	4 23.528	19.173	21.056	292.4	Rur	1#3 F	ront Tyre S	Blick-Medi	um <i>Rear</i> :	<i>Tyre</i> Slick-	Soft
12	1'21.883	18.20	23.519	19.082	21.076	292.4			6 /	Laps at sta	art	Ne	w Tyre
13	1'21.975	18.22	5 23.520	19.155	21.075	292.7	18	5'10.931	20.441	24.838	19.268	21.121	
14	1'28.775	P 18.98	24.396	20.009	25.388	292.2	19	1'20.518	17.934	23.077	18.742	20.765	289.9
Run	# 3	Front Tyre	Slick-Hard	Rear T	<i>yre</i> Slick-	Hard	20	1'20.579	17.974	23.046	18.733	20.826	289.8
						at start	21	1'20.593	17.929	23.152	18.758	20.754	290.4
15	3'33.445	23.27	3 25.554	20.264	21.977		22	1'41.791 F	18.046	23.215	18.780	41.750	287.0
16	1'23.593	18.58	24.032	19.607	21.365	293.1		M	averick \	/IÑAI ES	· v	AMAHA	SPA
17	1'21.830	18.19	23.524	19.099	21.017	293.1	3rc		onster Ene			AIVIAI IA	01 /
18	1'22.025	18.13	3.440	19.258	21.191	293.0					Total laps:	-22 Ful	I laps=15
19	1'23.350	19.08	23.674	19.373	21.223	293.3		n# 1 F	ront Tyre S				
20	1'22.212	18.19	4 23.591	19.310	21.117	292.6	Nui	/# ' '		Laps at sta			at start
21	1'26.357			19.274	25.301	292.8	1	1'32.211	20.792	25.067	20.078	21.998	
Run	# 4	Front Tyre	Slick-Mediu	ım <i>Rear T</i>	yre Slick-	Soft	2	1'23.032	18.592	23.711	19.221	21.508	284.0
			New Tyre	•	Nev	w Tyre	3	1'21.867	18.241	23.473	18.999	21.154	293.4
22	5'02.975			19.492	21.224		4	1'21.804	18.240	23.482	19.020	21.062	292.2
23	1'20.792			18.894	20.700	292.8	5	1'22.929	19.055	23.652	19.093	21.129	291.4
24	1'22.701			19.960	21.889	293.5	6	1'45.846	38.553	26.064	19.929	21.300	291.1
25	1'20.347			18.773	20.757	294.2	7	1'21.862	18.289	23.521	18.968	21.084	292.4
26	1'20.840	17.87	1 23.088	18.970	20.911	292.2	8	1'52.429 F		25.668	20.217	24.934	
2nc	20		JARTARAI amaha SRT	RO YA	AMAHA	FRA	Rur	n# 2 F	ront Tyre S	Blick-Medi			Soft
				Total laps=	22 Ful	l laps=16	9	5'46.134	19.293	23.937	19.172	21.176	
Run	# 1	Front Tyre	Slick-Soft		yre Slick-		10	1'21.954	18.340	23.565	18.982	21.067	288.6
, \u//	•	-	Laps at sta		5 Laps		11	1'21.884	18.228	23.466	18.996	21.194	292.4
1	1'29.795		· · · · · · · · · · · · · · · · · · ·	19.727	21.852		12	1'27.467 F		23.495	19.109	26.527	290.7
2	1'24.079			20.871	21.331	287.6							
	est Lap:	Marc MA				Honda Tea	m S	SPA 1'2	0.347	17.843	22.974	18.773	20.757







		tice Nr.) T) T4	Cm = = -1	1	1 a = 7'			·, -			toGP
	Lap Time		T1 T2			Speed	Lap	Lap Tim			<u>1 72</u>			4 Spee
Run	# 3	Front Tyre	Slick-Hard	-	vre Slick-F		4	1'21.839		18.393	23.432	18.993	21.021	290.
			New Tyre			Tyre	5	1'21.745		18.273	23.479	19.024	20.969	292
13	8'17.020	19.156		19.182	21.206		6	1'21.674		18.323	23.357	19.020	20.974	291
14	1'21.035	18.194		18.741	20.861	289.9	7	1'21.652		18.278	23.392	19.051	20.931	291
15	1'20.810	18.001		18.779	20.769	291.2	8	1'31.549		20.883	24.388	20.566	25.712	280
16	1'20.686	17.964	23.261	18.738	20.723	291.1	Run	# 2	Fron	-			<i>Tyre</i> Slick	-Hard
17	1'25.164	P 18.253	3 23.470	18.918	24.523	292.4				17	Laps at sta	art	14 Laps	at star
Run	# 4	Front Tyre	Slick-Mediu	m Rear Ty	vre Slick-S	oft	9	6'37.566		21.495	25.365	20.389	22.001	
			New Tyre		New	/ Tyre	10	1'23.000		18.637	23.997	19.244	21.122	289
18	5'03.931	18.907	23.824	19.114	20.958		11	1'22.044		18.330	23.544	19.102	21.068	290
19	1'20.747	18.118	23.166	18.662	20.801	290.4	12	1'21.919		18.336	23.477	19.124	20.982	290
20	1'20.634	17.946	23.169	18.717	20.802	291.6	13	1'21.857		18.247	23.571	19.026	21.013	291
21	1'23.011	17.987	24.821	19.302	20.901	292.5	14	1'26.338	Р	18.381	23.651	19.194	25.112	290
22	1'20.973	18.009	23.316	18.797	20.851	289.8	Run	# 3	Fron	t Tyre §	Slick-Medi	um <i>Rear</i>	Tyre Slick	-Soft
											New Tyr			w Tyre
4th		Cal CRU1		HC	NDA	GBR	15	6'28.032		21.686	24.788	19.432	21.660	
711	. 33	LCR Honda					16	1'21.833		18.588	23.517	18.907	20.821	290
			Runs=4 1	otal laps=2	21 Full	laps=14	17	1'21.245		18.147	23.369	18.885	20.844	290
Run	# 1	Front Tyre	Slick-Mediu	m Rear Ty	vre Slick-N	/ledium	18	1'21.094		18.132	23.325	18.913	20.724	290
		4	Laps at star	t	New	/ Tyre	19	1'30.071		19.719	25.512	19.899	24.941	287
1	1'46.582	19.769	25.356	20.317	21.560									
2	1'23.330	18.716	23.963	19.460	21.191	289.6	Run	# 4	FIOII				Tyre Slick	
3	1'21.988	18.345	23.335	19.200	21.108	294.5					Laps at sta			w Tyre
4	1'21.953	18.340		19.201	20.992	291.3	20	4'09.804		20.333	24.605	19.283	20.966	
5	1'21.739	18.254		19.113	20.941	293.1	21	1'21.476		18.271	23.267	18.721		291
6	1'21.903	18.266		19.165	20.995	293.1	22	1'20.679		18.009	23.194	18.765	20.711	
7	1'30.991			20.004	25.088	291.0	23	1'21.050		18.130	23.248	18.864	20.808	291
	# 2		Slick-Mediu						Eran	oo Ma	DRBIDEI	II v	'AMAHA	ı
Kuii	<i>#</i> 2		Laps at star		7 Laps a		6th				naha SRT		AIVIAI IA	
8	5'47.154	18.616	•	19.676	21.257							Total laps	=22 Fu	ıll laps=
9	1'21.951	18.355		19.209	20.961	291.6	Pun	# 1	Fron				Tyre Slick	•
10	1'21.768	18.256		19.146	21.005	291.2	Nuii	<i>#</i> '	,,,,,,	i i ji c	New Tyr			w Tyre
11		18.318		19.140	21.112	294.0	1	1'30.269		20.455	24.818	19.864	21.712	
12	1'22.193	18.190		19.223	21.112	292.8	2			18.403	23.492	19.537	21.087	287
	1'22.078							1'22.519						
13	1'30.712			20.184	25.057	291.9	3	1'21.834		18.243	23.473	19.116	21.002	
Run	# 3	Front Tyre	Slick-Hard		vre Slick-S		4	1'21.483		18.200	23.360	19.012	20.911	287
			New Tyre			Tyre	5	1'21.534		18.156	23.477	19.081	20.820	287
14	7'23.890	22.906		19.576	21.185		6	1'21.682		18.218	23.417	19.079	20.968	
15	1'22.113	18.561		19.157	20.875	289.0	7	1'21.638		18.148	23.435	19.147	20.908	
16	1'21.186	18.035	23.160	19.002	20.989	293.9	8	1'45.863		33.854	26.676	20.317	25.016	287
17	1'29.652	P 19.359	25.279	19.811	25.203	290.7	Run	# 2	Fron	-			<i>Tyre</i> Slick	-Mediu
Run	# 4	Front Tyre	Slick-Hard	Rear T	vre Slick-S	oft				8 /	Laps at sta	art	8 Laps	at star
		4	Laps at star	t	New	/ Tyre	9	5'27.574		21.074	24.358	19.563	21.243	
18	6'26.841	19.427	23.949	19.335	20.844		10	1'22.219		18.416	23.671	19.136	20.996	286
19	1'31.119	21.832	29.114	19.328	20.845	294.5	11	1'22.691		18.224	23.638	19.162	21.667	286
20	1'20.653	17.986	22.985	18.784	20.898	295.9	12	1'22.328		18.360	23.633	19.160	21.175	286
21	1'40.558			23.578	22.301	286.2	13	1'22.388		18.300	23.712	19.213	21.163	287
							14	1'31.857		18.492	25.232	19.707	28.426	286
5th	1 42	Alex RINS		SL	JZUKI	SPA		# 3					Tyre Slick	
Ot.	. 72	Team SUZL	JKI ECSTAR				,,,,,,	<i>"</i> •		,	New Tyr			w Tyre
			Runs=4 1	otal laps=2	23 Full	laps=16	15	8'49.663		25.365	24.979	19.431	21.485	
Run	# 1	Front Tyre	Slick-Mediu	m Rear T	vre Slick-F	lard	16			18.251	23.297	19.045	20.939	287
		9	Laps at star	t	6 Laps a	at start	17	1'21.532 1'24.950		18.214				287
1	2'03.908	21.733	26.324	20.351	21.630		17	1 24.950	Γ-	10.214	23.319	19.081	24.336	20/
2	1'22.570			19.105	21.009	288.9								
3	1'21.781	18.310		19.066	20.916	291.9								
Fac	test Lap:	Marc MAF	ROUE7		Repsol H	onda Tea	ım S	PA 1	'20.3	47	17.843	22.974	18.773	20.757
1 43	ioot Lub.	IVICIO IVII (I												







Free Practice Nr. 3 MotoGP

Free	e Prac	tic	<u>:e Nr. 3</u>	}										Mo	toGP
Lap	Lap Tim	e	T1	' T2	? 7	3 T4	Speed	Lap	Lap Tim	e	i	T1 T.	2 T	3 T4	Speed
Run	# 4	Fro	ont Tyre SI	ick-Mediu	m Rear i	Tyre Slick-H	Hard	Run	# 2	Fron	t Tyre	Slick-Medi	um <i>Rear</i> i	Tyre Slick-	Medium
			3 L	aps at star	t	New	v Tyre				13	Laps at sta	art	8 Laps	at start
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
			DET	DUOOL			ITA	14	1'26.835	Р	18.127	23.755	19.703	25.250	294.5
7th	า 🤚 9		nilo PET cati Team	RUCCI	D	UCATI	ПА	Run	# 3	Fron	t Tyre	Slick-Medi	um <i>Rear</i> i	<i>Tyre</i> Slick-	Soft
		Du		tuns=4 7	Total lana	-22 Eull	long-15					New Tyr	e	Ne	w Tyre
	1	Era			otal laps=	yre Slick-H	laps=15	15	7'37.827		19.754	24.438	19.520	21.010	
Run	# 1	110	-	aps at star		-	naru √Tyre	16	1'21.238		18.070	23.228	19.100	20.840	293.0
1	1'55.126		20.953	24.739	20.117	21.517	/ Tyle	17	1'21.559		18.017	23.290	19.281	20.971	293.7
2			18.556	23.864	19.493	21.109	288.0	18	1'28.857	Р	19.134	24.902	19.885	24.936	290.8
3	1'23.022		18.341	23.482	19.493	21.109	290.2	Run	# 4	Fron	t Tyre	Slick-Medi	um <i>Rear</i> i	<i>Tyre</i> Slick-	Soft
4	1'22.338 1'22.007		18.307	23.468	19.244	20.946	290.2				4	Laps at sta	art	Ne	w Tyre
5	1'21.862		18.230	23.499	19.259	20.874	290.3	19	2'58.365		17.702	23.867	19.545	20.975	
6	1'37.295		19.633	28.433	23.189	26.040	291.7	20	1'20.891		17.942	23.158	19.055	20.736	294.0
Run						Tyre Slick-H		21	1'20.966	L	17.936	23.079	19.070	20.881	294.5
Kuii	<i> # 2</i>	,,,	-	aps at star		6 Laps a		22	1'24.977		17.975	24.328	20.600	22.074	294.3
7	6'49.979		25.279	24.720	19.578	21.543	at Start	23	1'27.279	Р	18.048	23.317	19.213	26.701	292.6
8	1'22.250		18.336	23.720	19.188	21.006	291.4			loai	n MIR		9	UZUKI	SPA
9	1'21.949		18.264	23.487	19.262	20.936	290.6	9th	36			IKI ECSTAI		OZOKI	0.7
10	1'21.853		18.177	23.531	19.199	20.946	291.5					Runs=4	Total laps=	=22 Ful	l laps=14
11	1'22.020		18.166	23.548	19.274	21.032	291.7	Run	# 1	Fron	t Tyre			Tyre Slick-	
12	1'37.135		20.254	29.745	21.155	25.981	291.4	Nun	<i>"</i> '	, , , , ,		Laps at sta		15 <i>Laps</i>	
13	1'21.944		18.261	23.634	19.128	20.921	291.1	1	1'58.808		21.264	25.544	20.292	21.591	at ota, t
14	1'21.714		18.085	23.469	19.197	20.963	291.7		1'23.392		18.676		19.562	21.161	291.6
15	1'32.910		21.505	25.722	20.229	25.454	290.7		1'22.557		18.529	23.757	19.283	20.988	287.0
Run			ont Tyre SI	ick-Mediu	m Rear i	Tyre Slick-S	Soft		1'22.402		18.352		19.320	21.081	292.4
,,,,,,	.,, -			New Tyre			v Tyre		1'22.504		18.443		19.309	21.108	290.7
16	6'54.709		21.226	31.236	22.243	20.918		6	1'30.987		18.462	23.704	19.404	29.417	291.2
17	1'20.867	-	17.992	23.091	18.873	20.911	291.9	Run	# 2	Fron	t Tyre	Slick-Soft	Rear	Tyre Slick-	Medium
18	1'33.629		20.446	26.532	20.823	25.828	291.2		–		,	New Tyr		-	w Tyre
Run	# 4	Fro	ont Tyre SI	ick-Mediu	m Rear	Tyre Slick-N	Medium	7	5'55.208		21.535	24.561	19.791	21.180	
				aps at star			V Tyre		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		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		20.300	25.284	19.484	25.411	284.1
22	1'37.646		21.177	31.308	22.276	22.885	282.0	Run	# 3	Fron	t Tyre	Slick-Medi	um Rear	Tyre Slick-	Soft
							4110					New Tyr	e	Ne	w Tyre
8th	า 43		ck MILLE		D	UCATI	AUS	12	7'12.629		23.025	24.551	19.459	21.493	
		Pla	amac Racin	· ·		00 5.11	lana 45	13	1'21.813		18.402	23.430	19.072	20.909	291.4
	4				otal laps=		laps=15	14	1'21.271		18.080	23.194	19.099	20.898	290.9
Run	# 1	Fre	-			Tyre Slick-N		15	1'26.969	Р	18.185	23.324	19.371	26.089	289.0
	4140 400			aps at star			v Tyre	Run	# 4	Fron	t Tyre	Slick-Medi	um Rear	Tyre Slick-	Hard
1	1'48.426		19.959	24.891	20.414	21.939	0040					New Tyr	e	Ne	w Tyre
2	1'22.889		18.240	23.664	19.638	21.347	294.3	16	5'09.111		20.938	24.329	19.472	20.866	
3	1'21.742		18.074	23.254	19.262	21.152	295.4	17	1'21.139		18.039	23.207	19.109	20.784	289.9
4	1'21.587		18.099	23.282	19.317	20.889	296.6		1'20.986	1	18.053	23.156	19.006	20.771	291.7
5	1'21.411		17.982	23.405	19.155	20.869	296.7		1'21.149		18.097			20.864	289.7
6	1'28.513		18.342	25.905	21.783	22.483	294.8		1'21.374		18.158	23.309	19.037	20.870	291.4
7	1'21.833		18.160	23.513	19.242	20.918	295.5		1'21.679		18.159		19.240	20.960	292.7
8	1'32.914	۲	20.237	25.072	19.816	27.789	293.3	22	1'46.932		24.499	31.647	23.689	27.097	288.7
East	test Lap:	N.	Marc MARQ	IIF7		Rancol L	londa Tea	m cr	PA 1	'20.3	47	17.843	22.974	18.773	20.757
, 43	www.	١٧	INITIO IVIAINO	J		I TOPSOI I I	onua rea	31	, T	20.3	71	17.040	22.014	10.770	_0.707







Free Practice Nr. 3 **MotoGP** Lap Time *T2 T3 T3* Lap T4 Speed T4 Speed T1 Lap Lap Time T2 288.6 SPA 15 18.267 23.722 19.199 21.050 Pol ESPARGARO **KTM** 1'22.238 44 10th 288.8 16 23.567 19.279 Red Bull KTM Factory Racing 1'22.357 18.332 21.179 18.251 23.693 19.271 26.617 288.9 Runs=5 Total laps=20 Full laps=10 17 1'27.832 Front Tyre Slick-Medium Rear Tyre Slick-Hard 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run# 1 Run# 4 Laps at start **New Tyre** New Tyre New Tyre 1 1'37.082 22.050 25.991 20.450 22.889 18 5'44.304 25.851 19.483 21.145 18,660 19 23.243 18.964 21.046 288.2 2 23,900 19.418 21.546 291.0 18.168 1'23.524 1'21.421 3 18.229 23.482 18.950 21.048 293.2 20 1'21.391 18.103 23.313 19.002 20.973 289.8 1'21.709 21 Ρ 25.997 4 1'21.461 18.300 23.482 18.841 20.838 295.4 1'31.043 20.821 24.609 19.616 286.0 5 291.1 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 1'21.997 18.365 23.514 19.164 20.954 Run# 1'32.346 6 P 23.511 24.516 19.449 24.870 290.2 4 Laps at start New Tyre 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 22 2'16.926 18.946 23.867 19.444 21.061 Run# 10 Laps at start 6 Laps at start 23 18.058 23.175 18.957 20.836 288.3 <u>1'21.026</u> 24 7 21.091 23.959 21.287 1'21.031 17.948 23.147 19.030 20.906 290.0 5'47.126 19.567 25 30.914 37.627 21.858 26.156 287.3 8 1'23.398 18.571 23.934 19.502 21.391 292.6 1'56.555 291.4 9 18.437 23.810 19.384 25.923 1'27.554 SPA Aleix ESPARGARO **APRILIA** 12th 41 Run# 3 Front Tyre Slick-Medium Rear Tyre Slick-Hard Aprilia Racing Team Gresini 13 Laps at start 9 Laps at start Total laps=18 Runs=4 Full laps=10 22.094 10 21.362 24.763 6'17.256 19.537 1 Front Tyre Slick-Hard Rear Tyre Slick-Hard Run# 18.373 23.798 19.378 21.218 290.9 11 1'22.767 7 Laps at start **New Tyre** 12 1'22.287 18.274 23.756 19.225 21.032 293.4 1 21.958 25.999 1'36.553 20.494 22.694 Р 19.198 24.833 19.795 24.527 286.2 13 1'28 353 19.326 2 23.831 21.548 284.7 1'23.434 18.729 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run# 3 1'21.912 18.144 23.353 19.184 21.231 296.2 **New Tyre New Tyre** 18.212 23.318 18.776 20.780 296.2 1'21.086 14 7'11.201 18.813 24.090 19.523 21.249 292.2 5 18.317 23,428 18.873 20.874 1'21.492 15 1'21.532 18.147 23.528 19.023 20.834 292.3 6 295.0 1'21.526 18.202 23.424 18.924 20.976 16 1'27.275 Р 18.110 24.073 20.268 24.824 292.8 18.843 23.902 19.334 25.098 291.0 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run # 5 Front Tyre Slick-Hard Run# 2 Rear Tyre Slick-Hard 3 Laps at start New Tyre 14 Laps at start 7 Laps at start 17 2'47.680 18.781 23.747 19.156 20.810 8 5'33.357 20.203 24.569 19.804 21.605 18.901 18 1'21.019 17.960 23.390 20.768 293.8 9 289.5 1'22.855 18.608 23.766 19.341 21.140 22.545 295.7 19 1'30.063 24.558 19.773 23.187 10 1'27.438 18.455 23.857 19.645 25.481 290.7 unfinished 18.094 294.8 3 Front Tyre Slick-Hard Rear Tyre Slick-Soft Run # **New Tyre** Valentino ROSSI YAMAHA ITA New Tyre 11th 46 Monster Energy Yamaha MotoGP 11 7'47.329 22.568 24.942 19.925 21.505

			Runs=4	Total laps=	=25 Ful	l laps=18	12	1'22.461	18.55	7 23.603	19.257	21.044	291.8
Rui	n# 1	Front Tyre	Slick-Me	dium <i>Rear 1</i>	<i>Tyre</i> Slick-l	Medium	13	1'22.114	18.33	6 23.515	19.210	21.053	291.7
			5 Laps at s	tart	Nev	v Tyre	14	1'31.734	P 19.60	3 25.413	20.344	26.374	285.8
1	1'54.662	19.84	6 24.50	9 20.051	22.124		Ru	ın# 4	Front Tyre	Slick-Hard	Rear 1	yre Slick-	Soft
2	1'26.945	18.60)4 27.54	9 19.539	21.253	284.8			4	1 Laps at sta	art	Nev	v Tyre
3	1'21.897	18.21	3 23.46	8 19.211	21.005	291.4	15	10'16.190	21.76	5 24.334	19.279	20.932	
4	1'21.509	18.17	75 23.25	4 19.103	20.977	289.6	16	1'21.619	18.20	4 23.436	19.007	20.972	294.1
5	1'22.251	18.22	24 23.59	8 19.186	21.243	290.4	17	1'21.522	18.12	3 23.452	18.960	20.987	294.8
6	1'21.924	18.25	0 23.48	4 19.123	21.067	290.1	18	1'38.285	P 22.30	1 30.661	19.797	25.526	286.5
7	1'21.684	18.16	55 23.38	2 19.067	21.070	289.4			T-11:	114144041	\#I	21124	JPN
8	1'22.121	18.27	'6 23.51	8 19.116	21.211	290.3	13	th 30		NAKAGAI a IDEMITSU	VII H	ADNC	JPN
9	1'22.285	18.20	5 23.55	6 19.310	21.214	288.4			LCK Hond		Total lana	24 5	llono 10
10	1'29.485	P 19.24	1 24.90	0 20.060	25.284	284.8		4		Runs=3	Total laps=		l laps=19
Rui	n# 2	Front Tyre	Slick-Me	dium <i>Rear 1</i>	Tyre Slick-l	Medium	Ru	<i>ın #</i> 1		Slick-Medi			
		1	5 Laps at s	tart	10 <i>Laps</i>	at start				7 Laps at sta	art	7 Laps	at start
-44	0104 000		•		•	ai siari	1	1'54.476	21.37	3 25.963	21.677	22.841	
11	6'01.920	21.14	19 24.73	1 19.939	22.001		_	4104.054	40.40	00.070	40 440	04.007	000 5

2

3

4

5

SPA

1'24.254

1'26.393

1'22.251

1'22.564

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286.7

289.0

287.3

Repsol Honda Team



23.979

25.923

23.453

23.635

17.843

19.448

19.285

19.109

19.179

22.974

19.490

20.018

18.565

18.691

1'20.347



18.773

21.337

21.167

21.124

21.059

280.5

288.5

286.5

272.7

20.757

12

13

14

1'22.609

1'33.594

1'22.355

Fastest Lap:

18.341

24.187

18.263

Marc MARQUEZ

23.681

28.362

23.659

19.430

19.678

19.316

21.157

21.367

21.117

Free Practice Nr. 3 **MotoGP** *T2 T3 T3* T4 Speed T4 Speed Lap Lap Time Lap Lap Time T2 285.7 18.905 6 18.521 23.527 19.299 21.426 21 18.026 23.341 20.971 296.4 1'22,773 1'21.243 1'22.093 18.551 288.6 22 18.009 23,395 19.057 21.010 295.3 7 23,456 19.041 21.045 1'21.471 25.628 8 22.730 27.366 19.565 280.6 1'35.289 P Miguel OLIVEIRA **POR KTM** Rear Tyre Slick-Soft Front Tyre Slick-Hard 88 2 15th Run# Red Bull KTM Tech 3 New Tyre New Tyre Total laps=23 Runs=4 Full laps=16 9 7'05.606 21,466 25.559 20.075 21.670 Front Tyre Slick-Medium Rear Tyre Slick-Soft 1 Run# 18.978 23.745 19.096 21.074 10 1'22.893 283.0 8 Laps at start 3 Laps at start 11 1'26.771 20.167 25.338 19.790 21.476 287.1 22.010 1 1'38.468 20.747 25.692 19.046 20.918 12 1'21.778 18.385 23.429 287.5 2 23.832 19.327 21,220 281.9 1'23.256 18.877 13 18.369 23.367 18.996 20.910 286.7 1'21.642 3 1'22.997 18.885 23.568 19.163 21.381 278.0 14 21 468 19 692 21 201 287 0 1'37.462 35 101 4 1'22.458 18.635 23.516 19.125 21.182 280.3 15 18.438 23.359 18.849 20.912 288.1 1'21.558 5 18.486 23.499 19.128 21.082 278.6 1'22.195 16 1'33.774 22.577 25.456 19.753 25.988 282.2 23.685 6 18.651 19.198 21.214 275.7 1'22.748 Front Tyre Slick-Hard Rear Tyre Slick-Soft Run# 3 7 18.442 23.662 19.309 21.206 286.0 1'22.619 8 Laps at start **New Tyre** Р 22.897 8 1'34.412 26.007 20.189 25.319 256.4 17 23.197 19.882 21.297 6'09.592 25.450 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 23.304 18.860 20.677 286.8 18 1'21.275 18.434 16 Laps at start **New Tyre** 19 1'31.936 22.644 28.472 19.739 21.081 288.2 9 21.758 24.417 19.767 7'38.236 21.378 20 1'27.709 21.024 25.289 19.666 21.730 287.0 10 1'22.961 18.579 23,696 19.486 21.200 274.5 18.294 23.334 18.803 20.694 287.1 21 1'21.125 11 18.520 23.635 20.228 21.673 274.4 1'24.056 264.0 22 1'46.115 27.073 32.736 24.771 21.535 12 1'21.875 18.428 23.337 18.970 21.140 288.8 23 19.082 24.503 19.384 21.155 285.4 1'24.124 23.373 18.914 20.976 287.3 13 18.264 1'21.527 23.210 24 1'21.205 18.382 18.814 20.799 288.1 14 19.568 25.180 21.384 278.0 1'27.134 21.002 Andrea DOVIZIOSO **DUCATI** ITA 15 1'21.880 18.427 23.465 18.980 21.008 286.7 14th 4 Ducati Team 21.695 19.239 16 24.117 25.236 277.9 1'30.287 Front Tyre Slick-Medium Rear Tyre Slick-Soft Runs=4 Total laps=22 Full laps=15 3 Run# Run # 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard New Tyre New Tyre 5 Laps at start New Tyre 17 22,419 24.604 21.259 5'20.093 19.477 1 1'53.842 20.258 25.891 21.561 22.253 18 1'21.572 18.282 23.380 19.000 20.910 289.8 2 18.851 19 23.304 292.1 1'24.144 23.984 19.677 21.632 288.8 1'21.442 18.203 18.986 20.949 3 18.268 23.545 19.310 21.194 295.8 20 19.208 24.714 19.444 24.527 286.7 1'27.893 1'22.317 21.067 295.2 4 1'22.702 18.961 23.469 19.205 Run# 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 5 1'21.589 18.208 23.359 19.088 20.934 293.8 4 Laps at start New Tyre 6 1'23.517 18.418 23.692 19.821 21.586 289.3 21 23.234 23.930 20.931 4'08.489 19.392 7 18.257 23.532 19.064 20.946 290.0 1'21.799 22 1'21.384 18.243 23.371 18.981 20.789 291.6 Р 8 1'26.893 19.452 23.551 19.147 24.743 295.0 23 1'21.375 18.219 23.256 19.018 20.882 292.2 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run # Andrea IANNONE **APRILIA** ITA 29 13 Laps at start 8 Laps at start 16th Aprilia Racing Team Gresini 9 8'04.188 21.505 24.339 19.742 21.737 Total laps=25 Runs=4 Full laps=18 10 18.575 23.880 19.814 21.418 287.6 1'23.687 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 1 18.276 23.704 19.317 21.291 11 1'22.588 294.1 7 Laps at start **New Tyre** 12 1'22.266 18.156 23.695 19.231 21.184 295.1 1 1'31.702 21.444 25.262 20.131 21.974 19.477 295.3 13 1'22.746 18.130 23.931 21.208 24.967 2 20.517 22.558 21.808 285.2 1'29.850 Р 24.756 295.4 14 18.098 23.792 19.359 1'26.005 3 18.536 23.497 19.143 21.127 287.0 1'22.303 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run # 4 18.358 23.374 19.092 22.312 289.0 1'23,136 New Tyre New Tyre 5 285.3 1'22.017 18.387 23.543 19.094 20.993 15 5'16.349 20.787 29.472 20.465 21.391 6 1'22.413 18.393 23.564 19.132 21.324 288.4 16 1'23.366 18.426 23.859 19.554 21.527 291.2 7 1'34.003 20.760 26.749 20.516 25.978 281.1 18.075 23.344 19.032 21.368 293.7 17 1'21.819 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 2 18 1'29.092 Ρ 18.014 23.428 19.093 28.557 294.2 ** 14 Laps at start ** 7 Laps at start Front Tyre Slick-Medium Rear Tyre Slick-Soft 4 Run # 8 23.081 25.744 21.188 28.822 6'13.763 4 Laps at start **New Tyre**

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295.4

Repsol Honda Team

9

10

11

1'22.355

1'22.066

1'23.725

SPA



19

20

4'55.127

1'21.184

Fastest Lap:



23.566

23.446

24.225

17.843

19.165

19.132

19.435

22.974

18.493

18.390

18.324

1'20.347



18.773

21.131

21.098

21.741

288.6

288.8

288.6

20.757

21.239

20.944

24.401

18.061

Marc MARQUEZ

24.071

23.294

19.462

18.885

Free Practice Nr. 3 **MotoGP** *T2 T3 T3* Lap T4 Speed T4 Speed Lap Time Lap Lap Time T1 T2 12 18.434 23.399 19.154 21.300 286.3 1 20.815 25.320 20.283 22.093 1'22,287 1'32.434 19.939 25.862 2 21.387 13 1'33.555 21.402 26.352 291.8 1'23.560 18.958 23.790 19.425 271.6 Front Tyre missing data Rear Tyre missing data 3 25.571 19.393 23.136 295.9 3 1'26.795 18.695 Run # 4 18.397 23.612 19.404 21.114 290.5 Laps at start 1'22.527 Laps at start 5 289.4 14 5'44.259 24.702 24.988 19.567 21.290 1'22.431 18.406 23.685 19.205 21.135 23.291 6 23.694 19.221 21.170 292.2 15 1'21.664 18.314 18.953 21.106 286.4 1'22.442 18.357 18.298 26.507 20.251 21.548 288.3 7 1'22.403 18.364 23.688 19.262 21.089 291.9 16 1'26.604 8 18.357 19.285 21.182 1'22.553 23.729 292.2 17 1'22.814 18.428 23.420 19.138 21.828 287.0 Р 18.397 19.049 21.088 9 1'28.571 19.157 24.407 19.778 25.229 288.6 18 1'21.838 23.304 287.8 19 1'21.906 18.235 23.340 19.085 21.246 288.6 2 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run# Р 20 456 25 743 283.0 20 28 271 20.322 14 Laps at start 14 Laps at start 1'34 792 Front Tyre missing data 10 6'23.595 22.227 24.954 19.810 21.406 4 Rear Tyre missing data Run # ** Laps at start 11 18.456 23.816 19.451 21.210 291.4 Laps at start 1'22.933 21 24.206 19.414 12 23.761 19.206 21.112 291.1 2'55.030 21.276 1'22.525 18.446 18.128 23.267 18.983 21.003 13 1'22.573 18.381 23.749 19.201 21.242 292.6 22 1'21.381 289.6 23 18.053 23.236 19.549 21.522 290.3 14 1'22.416 18.322 23.699 19.238 21.157 291.8 1'22.360 15 18.411 23.879 19.274 21.275 291.9 19.092 21.117 290.3 24 1'21.617 18.145 23.263 1'22.839 16 23.960 21.468 291.3 25 1'49.830 24.564 36.703 24.070 24.493 279.4 1'23.168 18.327 19.413 17 1'31.435 Р 22.276 24.705 19.552 24.902 284.5 Johann ZARCO KTM FRA 5 3 Front Tyre Slick-Medium Rear Tyre Slick-Soft 17th Run# Red Bull KTM Factory Racing New Tyre New Tyre Runs=4 Total laps=20 Full laps=13 18 25.165 6'29.313 27.015 Front Tyre Slick-Medium Rear Tyre Slick-Hard 1 Run# 19 1'30.950 18.277 31.630 19.850 21.193 290.5 **New Tyre New Tyre** 20 1'21.767 18.204 23.600 19.057 20.906 291.8 1 1'39.632 19.298 24.937 20.312 21.648 21 1'27.671 Р 18.591 24.665 19.640 24.775 288.2 2 23,405 19.124 21.288 290.0 18.443 1'22,260 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run# 4 277.9 3 1'22.745 18.563 23.511 19.164 21.507 4 Laps at start **New Tyre** 4 1'21.731 18.325 23.330 19.052 21.024 288.6 22 19.721 21.371 2'59.481 24.966 19.602 5 18.135 18.993 21.114 291.8 1'21.611 23.369 23 18.179 23.512 19.003 20.828 292.4 1'21.522 Р 6 1'27.203 18.596 23.822 19 441 25.344 280.3 24 23.361 20.879 18.227 18.976 291.1 1'21.443 Front Tyre Slick-Medium Rear Tyre Slick-Hard 2 Run # 6 Laps at start SPA 6 Laps at start **DUCATI** Tito RABAT 19th 53 Reale Avintia Racing 7 9'27.636 19.070 28.861 19.822 21.305 19.286 Total laps=22 8 1'22.446 18.444 23.577 21.139 287.6 Runs=3 9 18.298 19.258 21.214 291.2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 23.648 1 1'22.418 Run# **New Tyre** New Tyre 10 1'22.688 18.365 23.741 19.396 21.186 288.5 1'30.904 Р 19.562 25.087 19.907 26.348 277.1 1 1'32.124 20.730 25.412 20.251 21.968 Front Tyre Slick-Medium Rear Tyre missing data 2 18.986 23.966 19.450 21.306 273.8 3 1'23.708 Run# 3 18.490 23.476 19.208 21.134 289.4 **New Tyre** Laps at start 1'22.308 4 18.367 23.399 19.137 21.044 286.8 12 8'17.960 18.849 24.289 19.565 21.229 1'21.947 5 23.534 1'22.327 18.348 23.694 19.248 21.037 290.6 13 1'22.139 18.247 19.246 21.112 290.0 6 28.034 19.068 21.074 289.7 24.467 19.264 21.187 290.9 14 1'21.851 18.215 23.494 1'32.952 7 15 18.194 23.429 19.192 21.089 290.4 1'22.582 18.390 23.711 19.276 21.205 290.7 1'21.904 8 16 1'29.807 19.661 24.972 19.656 25.518 283.5 1'22.790 18.410 23.708 19.471 21.201 290.6 9 24.934 20.853 287.6 18.512 25.731 4 Front Tyre Slick-Medium Rear Tyre Slick-Soft 1'30.030 Run # 2 Front Tyre Slick-Soft Rear Tyre Slick-Soft 5 Laps at start New Tyre Run# 17 19.495 19.507 21.053 New Tyre New Tyre 3'25,468 24.271 23.503 19.256 21.284 292.5 10 12'50.171 35.085 28.532 20.616 21.904 18 1'22.211 18.168 1'52.544 28.230 43.870 19.416 21.028 272.1 11 20.533 25.968 20.287 22.417 284.8 19 1'29.205 1'23.253 18.542 19.460 21.477

12 23.774 284.5 20 1'21.435 18.197 23.270 19.024 20.944 291.4 13 18.398 23.701 19.955 21.195 287.6 1'23.249 Stefan BRADL **HONDA GER** 18th 14 24.413 21.076 289.4 6 1'23.232 18.339 19.404 Repsol Honda Team 15 18.271 23.627 19.396 21.256 289.5 1'22.550 Total laps=24 Full laps=17 Runs=4 16 18.335 23.616 19.376 21.169 287.9 1'22,496 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run# 1 1'26.571 P 17 18.299 23.745 19.425 25.102 289.5 5 Laps at start 5 Laps at start

SPA

1'20.347

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Repsol Honda Team

Official MotoGP Timing by**TISSOT** www.motogp.com

Fastest Lap:



17.843

22.974



18.773

20.757

Marc MARQUEZ

		tice Nr	. <u>3</u>										OGP
Lap	Lap Tim	е	T1 7	T2 T	3 T4	Speed	Lap	Lap Tim	е	T1 T2	2 7	3 T4	Speed
Run	# 3	Front Tyre	Slick-Med	ium <i>Rear i</i>	Tyre Slick-S	Soft	11	1'23.368	18.59	8 23.998	19.398	21.374	287.3
		9	Laps at st	art	Nev	v Tyre	12	1'23.639	18.61	9 24.031	19.576	21.413	287.4
18	4'58.610	20.22	7 47.031	26.044	21.729		13	1'29.449	21.45	7 27.169	19.558	21.265	289.6
19	1'24.092	18.84	2 24.969	19.194	21.087	279.5	14	1'23.193	18.51	5 23.994	19.399	21.285	287.5
20	1'21.814	18.19	5 23.397	19.019	21.203	289.8	15	1'35.458	P 20.37	6 26.964	21.210	26.908	289.2
21	1'21.611	_		19.024	20.997	288.9	Run	# 3	Front Tyre	Slick-Medi	um <i>Rear</i> i	Tyre Slick-	Soft
22	1'45.650		6 28.304	20.621	33.359	286.8				New Tyr		-	v Tyre
2041	า 17	Karel AB	RAHAM	D	UCATI	CZE	- 16 17	12'52.924			19.709 19.198	24.365 21.001	288.5
20tł	1 17	Reale Avin	tia Racing				18	1'22.336			20.094	21.916	290.3
			Runs=3	Total laps=	=21 Full	laps=16		1'31.835				21.103	289.3
Run	# 1	Front Tyre	Slick-Med	ium <i>Rear i</i>	<i>Tyre</i> Slick-l	Hard	- 19	1'21.972	18.33	3 23.470	19.004	21.103	209.3
			New Tyr	re	Nev	v Tyre	22n	d 63		co BAGNA	AIA D	UCATI	ITA
1	1'32.657	20.44	9 25.259	20.297	22.110		2211	u 03	Pramac Ra	acing			
2	1'23.590	19.05	7 23.803	19.278	21.452	274.1				Runs=5	Total laps=	=21 Ful	l laps=12
3	1'22.653	18.64	6 23.751	19.053	21.203	293.0	Run	# 1	Front Tyre	Slick-Medi	um <i>Rear</i> i	<i>Tyre</i> Slick-	Medium
4	1'22.020	18.54	2 23.493	18.927	21.058	291.6				New Tyr	е	Nev	v Tyre
5	1'22.365	18.48	5 23.452	19.041	21.387	289.7	1	1'54.003	21.30	2 26.096	20.589	22.182	
6	1'27.076	19.65	6 23.816	19.177	24.427	286.8	2	1'24.432	19.09	8 24.205	19.598	21.531	285.7
7	1'22.518		8 23.588	19.124	21.298	287.4	3	1'23.081		1 23.869	19.329	21.232	291.4
8	1'22.555				21.311	287.5	4	1'22.905			19.301	21.225	292.2
9	1'32.771				26.480	283.9	5	1'23.006			19.244	21.465	293.8
	# 2		Slick-Med				6	1'22.565			19.213	21.165	290.6
Kull	# 2		Laps at st		9 Laps a		7	1'31.984			25.047	24.754	292.7
10	7100 000		•			at Start	- <i>'</i> 8				19.351	21.321	290.5
10	7'38.698				22.082	000.4		1'23.029					
11	1'22.604				21.255	288.4	9	1'30.707			20.163	25.331	292.5
12	1'33.738				22.630	290.7	Run	# 2		Slick-Medi			
13	1'22.340				21.135	288.9				2 Laps at sta			v Tyre
14	1'22.260		_		21.103	288.8	10	9'00.216			20.187	21.597	
15	1'22.285				21.251	290.7	11	1'23.498			19.389	21.285	291.5
16	1'31.769				26.146	292.4	12	1'31.912	P 18.51	9 24.597	23.320	25.476	290.1
Run	# 3	Front Tyre	Slick-Soft		<i>Tyre</i> Slick-S		Run	# 3	Front Tyre	Slick-Medi			
			New Tyr			v Tyre	-			New Tyr		3 Laps	at start
17	11'35.518	22.02	1 26.455		21.358		13	5'09.949	20.23	9 25.007	19.751	21.369	
18	1'21.847	18.37			21.036	291.8	14	1'23.003	18.63	5 23.932	19.258	21.178	290.3
19	1'21.832	18.42	2 23.436	18.821	21.153	285.8	15	1'27.542	P 19.45	4 24.117	19.411	24.560	292.0
20	1'33.005	20.68	9 31.331	19.585	21.400	288.2	Run	# 4	Front Tyre	Slick-Soft	Rear	Tyre Slick-	Soft
21	1'22.539	18.59	6 23.562	19.144	21.237	283.7				New Tyr	е	Nev	v Tyre
							16	5'32.045	20.56	2 25.438	19.989	21.393	
21s	t 55	Hafizh S		K	TM	MAL	17	1'22.499	18.54	9 23.718	19.202	21.030	290.7
		Red Bull K					18	1'22.150				21.071	292.2
			Runs=3	Total laps=		laps=14	19	1'27.805			19.857	24.876	290.7
Run	# 1	Front Tyre	Slick-Med					# 5		Slick-Soft		Tyre Slick-	
			New Tyr		Nev	v Tyre	-	<i>"</i> •		4 Laps at sta		4 Laps	
1	1'41.995	22.04	5 26.225	20.519	22.015		20	1'43.747			19.355	21.339	at ota, t
2	1'24.310	18.99	8 24.209	19.658	21.445	284.8	21				19.280	21.183	293.0
3	1'27.108	18.59	8 25.525	19.830	23.155	288.3	۷ ۱	1'22.479	10.34	20.000	13.200	۱.۱۵۵	233.0
4	1'22.672	18.50	0 23.728	19.257	21.187	283.1							
5	1'22.256	18.48	3 23.610	19.115	21.048	287.0							
6	1'26.652	18.58	3 23.883	20.144	24.042	288.6							
7	1'21.972	18.32	23.558	19.123	20.963	288.5							
8	1'31.208				25.460	287.6							
	# 2		Slick-Med				-						
	-		B Laps at st		8 Laps a								
9	7'54.368				22.826		-						
10	1'23.935				21.287	287.2							
	1 20.300	10.70	. 24.000	10.012	_1.201	201.2							
Fast	est Lap:	Marc MA	RQUEZ		Repsol H	londa Te	am S	PA 1	1'20.347	17.843	22.974	18.773 2	20.757
					-,						-···	- ·	













HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND Free Practice Nr. 3 **Best Partial Times**

IT Ideal Lap Time, sum of the best partial times

BT Best Lap Time

<i>T1</i>		<i>T2</i>		<i>T3</i>		<i>T4</i>					
Pos Rider	Time	Rider	Time	Rider	Time	Rider	Time	Pos Rider	IT	ВТ	
1 M.MARQUEZ	17.843	M.MARQUEZ	22.969	M.VIÑALES	18.662	T.NAKAGAMI	20.677	1 M.MARQUEZ	1'20.285	1'20.347	(1)
2F.QUARTARARO	17.915	C.CRUTCHLOW	22.985	A.RINS	18.721	M.MARQUEZ	20.700	2 F.QUARTARAR	1'20.448	1'20.515	(2)
3J.MILLER	17.936	F.QUARTARARO	23.046	F.QUARTARARO	18.733	A.RINS	20.711	3 M.VIÑALES	1'20.497	1'20.634	(3)
4 M.VIÑALES	17.946	J.MILLER	23.079	F.MORBIDELLI	18.762	M.VIÑALES	20.723	4 C.CRUTCHLO	1'20.599	1'20.653	(4)
5 V.ROSSI	17.948	D.PETRUCCI	23.091	M.MARQUEZ	18.773	F.MORBIDELLI	20.731	5 A.RINS	1'20.635	1'20.679	(5)
6 P.ESPARGARO	17.960	V.ROSSI	23.147	A.ESPARGARO	18.776	J.MILLER	20.736	6 F.MORBIDELLI	1'20.672	1'20.833	(6)
7C.CRUTCHLOW	17.986	J.MIR	23.156	C.CRUTCHLOW	18.784	F.QUARTARARO	20.754	7 D.PETRUCCI	1'20.757	1'20.867	(7)
8 D.PETRUCCI	17.992	F.MORBIDELLI	23.159	T.NAKAGAMI	18.803	P.ESPARGARO	20.768	8 J.MILLER	1'20.806	1'20.891	(8)
9J.MIR	17.992	M.VIÑALES	23.166	K.ABRAHAM	18.821	J.MIR	20.771	9 V.ROSSI	1'20.888	1'21.026 (11)
10 A.DOVIZIOSO	18.009	A.RINS	23.194	P.ESPARGARO	18.841	A.ESPARGARO	20.780	10 J.MIR	1'20.919	1'20.986	(9)
11 A.RINS	18.009	T.NAKAGAMI	23.210	D.PETRUCCI	18.873	M.OLIVEIRA	20.789	11 P.ESPARGAR	1'20.959	1'21.019 (10)
12 F.MORBIDELLI	18.020	A.IANNONE	23.236	A.DOVIZIOSO	18.885	D.PETRUCCI	20.801	12 T.NAKAGAMI	1'20.984	1'21.125 (13)
13 A.IANNONE	18.053	M.OLIVEIRA	23.256	M.OLIVEIRA	18.914	S.BRADL	20.828	13 A.ESPARGAR	1'20.997	1'21.086 (12)
14 A.ESPARGARO	18.123	J.ZARCO	23.270	A.IANNONE	18.953	V.ROSSI	20.836	14 A.DOVIZIOSO	1'21.122	1'21.184 (14)
15 J.ZARCO	18.135	A.DOVIZIOSO	23.294	V.ROSSI	18.957	C.CRUTCHLOW	20.844	15 M.OLIVEIRA	1'21.162	1'21.375 (15)
16 S.BRADL	18.179	A.ESPARGARO	23.318	S.BRADL	18.976	A.DOVIZIOSO	20.934	16 A.IANNONE	1'21.235	1'21.381 (16)
17T.RABAT	18.195	S.BRADL	23.361	J.ZARCO	18.993	J.ZARCO	20.944	17 J.ZARCO	1'21.342	1'21.435 (17)
18 M.OLIVEIRA	18.203	T.RABAT	23.363	J.MIR	19.000	H.SYAHRIN	20.963	18 S.BRADL	1'21.344	1'21.443 (18)
19T.NAKAGAMI	18.294	P.ESPARGARO	23.390	T.RABAT	19.019	A.IANNONE	20.993	19 T.RABAT	1'21.574	1'21.611 (19)
20 F.BAGNAIA	18.299	K.ABRAHAM	23.436	J.MILLER	19.055	T.RABAT	20.997	20 K.ABRAHAM	1'21.666	1'21.832 (2	20)
21 H.SYAHRIN	18.328	H.SYAHRIN	23.470	H.SYAHRIN	19.064	F.BAGNAIA	21.030	21 H.SYAHRIN	1'21.825	1'21.972 (2	
22 K.ABRAHAM	18.373	F.BAGNAIA	23.629	F.BAGNAIA	19.151	K.ABRAHAM	21.036	22 F.BAGNAIA	1'22.109	1'22.150 (2	

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HJC HELMETS MOTORRAD GRAND PRIX DEUTSCHLAND Free Practice Nr. 3 **Fastest Laps Sequence**

	_ &					
Practice Time	Rider	Nation	Motorcycle	Time	Km/h	Rider's Lap
2'52.788	21 Franco MORBIDELLI	ITA	YAMAHA	1'22.519	160.1	2
3'01.892	5 Johann ZARCO	FRA	KTM	1'22.260	160.6	2
4'14.622	21 Franco MORBIDELLI	ITA	YAMAHA	1'21.834	161.4	3
4'21.239	93 Marc MARQUEZ	SPA	HONDA	1'21.639	161.8	3
5'36.105	21 Franco MORBIDELLI	ITA	YAMAHA	1'21.483	162.1	4
5'42.712	93 Marc MARQUEZ	SPA	HONDA	1'21.473	162.2	4
5'42.985	41 Aleix ESPARGARO	SPA	APRILIA	1'21.086	162.9	4
29'57.287	20 Fabio QUARTARARO	FRA	YAMAHA	1'20.825	163.5	13
31'17.802	20 Fabio QUARTARARO	FRA	YAMAHA	1'20.515	164.1	14
44'35.710	93 Marc MARQUEZ	SPA	HONDA	1'20.347	164.4	25



