

MOTUL TT ASSEN Free Practice Nr. 4 Classification



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	6	Rider	Nation	Team	Motorcycle	Time Lap Total	Gap Top	Speed
1	20	Fabio QUARTARARO	FRA	Petronas Yamaha SRT	YAMAHA	1'32.952 13 17		305.2
2	12	Maverick VIÑALES	SPA	Monster Energy Yamaha MotoGP	YAMAHA	1'33.093 17 18	0.141 0.141	309.3
3	42	Alex RINS	SPA	Team SUZUKI ECSTAR	SUZUKI	1'33.262 4 15	0.310 0.169	311.2
4	93	Marc MARQUEZ	SPA	Repsol Honda Team	HONDA	1'33.268 7 16	0.316 0.006	312.7
5	4	Andrea DOVIZIOSO	ITA	Ducati Team	DUCATI	1'33.801 10 15	0.849 0.533	315.0
6	36	Joan MIR	SPA	Team SUZUKI ECSTAR	SUZUKI	1'33.849 15 15	0.897 0.048	309.1
7	9	Danilo PETRUCCI	ITA	Ducati Team	DUCATI	1'33.981 15 15	1.029 0.132	311.5
8	30	Takaaki NAKAGAMI	JPN	LCR Honda IDEMITSU	HONDA	1'34.069 16 16	1.117 0.088	308.0
9	44	Pol ESPARGARO	SPA	Red Bull KTM Factory Racing	KTM	1'34.133 12 14	1.181 0.064	310.9
10	21	Franco MORBIDELLI	ITA	Petronas Yamaha SRT	YAMAHA	1'34.195 5 11	1.243 0.062	305.1
11	43	Jack MILLER	AUS	Pramac Racing	DUCATI	1'34.209 9 15	1.257 0.014	313.5
12	29	Andrea IANNONE	ITA	Aprilia Racing Team Gresini	APRILIA	1'34.233 4 13	1.281 0.024	306.9
13	63	Francesco BAGNAIA	ITA	Pramac Racing	DUCATI	1'34.240 5 12	1.288 0.007	307.7
14	41	Aleix ESPARGARO	SPA	Aprilia Racing Team Gresini	APRILIA	1'34.347 10 11	1.395 0.107	308.3
15	5	Johann ZARCO	FRA	Red Bull KTM Factory Racing	KTM	1'34.370 6 13	1.418 0.023	307.4
16	88	Miguel OLIVEIRA	POR	Red Bull KTM Tech 3	KTM	1'34.465 8 15	1.513 0.095	304.8
17	35	Cal CRUTCHLOW	GBR	LCR Honda CASTROL	HONDA	1'34.547 12 16	1.595 0.082	313.6
18	46	Valentino ROSSI	ITA	Monster Energy Yamaha MotoGP	YAMAHA	1'34.620 6 16	1.668 0.073	303.8
19	17	Karel ABRAHAM	CZE	Reale Avintia Racing	DUCATI	1'34.838 11 12	1.886 0.218	306.9
20	55	Hafizh SYAHRIN	MAL	Red Bull KTM Tech 3	KTM	1'35.304 12 13	2.352 0.466	306.9
21		Tito RABAT	SPA	Reale Avintia Racing	DUCATI	1'35.648 11 12	2.696 0.344	309.3

Practice condition: Dry

Air: 30° Humidity: 33% Ground: 46°

Fastest Lap:	Lap: 13	Fabio QUARTARARO	1'32.952	175.9 Km/h
Best Race Lap:	2015	Marc MARQUEZ	1'33.617	174.6 Km/h
All Time Lap Record:	2019	Fabio QUARTARARO	1'32.471	176.8 Km/h

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







MOTUL TT ASSEN Free Practice Nr. 4 Top Speed & Average

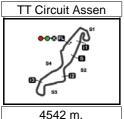
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10	Rider	Nation	Motorcycle		Τομ	5 spee	eds		Average	Тор
-	Andrea DOVIZIOSO	ITA	DUCATI	315.0	314.3	314.2	313.5	313.1	314.0	315.0
35	Cal CRUTCHLOW	GBR	HONDA	313.6	311.5	311.3	310.5	310.3	311.4	313.6
43	Jack MILLER	AUS	DUCATI	313.5	313.4	311.8	311.7	311.5	312.4	313.5
93	Marc MARQUEZ	SPA	HONDA	312.7	312.0	310.5	310.0	309.7	311.0	312.7
9	Danilo PETRUCCI	ITA	DUCATI	311.5	309.9	309.8	309.5	309.5	310.0	311.5
42	Alex RINS	SPA	SUZUKI	311.2	310.8	308.6	307.5	307.5	309.1	311.2
44	Pol ESPARGARO	SPA	KTM	310.9	310.1	309.8	309.3	309.1	309.8	310.9
12	Maverick VIÑALES	SPA	YAMAHA	309.3	307.6	307.2	306.9	306.7	307.5	309.3
53	Tito RABAT	SPA	DUCATI	309.3	308.4	307.0	305.6	305.1	307.1	309.3
36	Joan MIR	SPA	SUZUKI	309.1	308.3	307.7	307.6	307.5	308.0	309.1
41	Aleix ESPARGARO	SPA	APRILIA	308.3	306.9	306.1	305.9	305.6	306.4	308.3
30	Takaaki NAKAGAMI	JPN	HONDA	308.0	306.9	306.4	306.3	306.2	306.8	308.0
63	Francesco BAGNAIA	ITA	DUCATI	307.7	307.4	306.5	305.7	304.9	306.4	307.7
5	Johann ZARCO	FRA	KTM	307.4	306.8	305.1	304.7	304.3	305.4	307.4
55	Hafizh SYAHRIN	MAL	KTM	306.9	306.5	305.9	305.6	304.8	305.9	306.9
17	Karel ABRAHAM	CZE	DUCATI	306.9	306.0	303.7	303.6	303.0	304.6	306.9
29	Andrea IANNONE	ITA	APRILIA	306.9	304.8	304.4	303.7	303.7	304.7	306.9
20	Fabio QUARTARARO	FRA	YAMAHA	305.2	305.2	304.8	304.6	304.2	304.7	305.2
21	Franco MORBIDELLI	ITA	YAMAHA	305.1	303.5	303.5	302.0	302.0	303.2	305.1
88	Miguel OLIVEIRA	POR	KTM	304.8	304.4	304.3	304.3	303.3	304.1	304.8
46	Valentino ROSSI	ITA	YAMAHA	303.8	303.2	303.2	303.1	302.7	303.2	303.8







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MOTUL TT ASSEN Free Practice Nr. 4 Chronological Analysis of Performances

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* Lap / Sector time cancelled

71 Time from finish line to 1st intermediate

73 Time from 2nd intermed. to 3rd intermed.74 Time from 3rd intermediate to finish line

Crossing the finish line in pit lane
 Tyre data subject to further updates

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

Lap Lap Time Lap Lap Time Speed *T3 T4* Speed <u>T1</u> *T2 T3 T4* Fabio QUARTARARO YAMAHA FRA Run# 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 20 1st Petronas Yamaha SRT 6 Laps at start **New Tyre** 27.587 21.896 Runs=2 15 30.390 14.389 301.0 Total laps=17 Full laps=14 3'08.194 27.142 Front Tyre Slick-Medium Rear Tyre Slick-Medium 16 30.897 13.922 21.452 306.9 Run# 1'33,413 **New Tyre** 10 Laps at start 17 1'33.093 30.663 13.837 27.190 21.403 309.3 18 37.003 14.043 27.221 21.711 307.2 33.271 1'39.978 1 2'25.832 15.081 28.517 22.438 292.8 2 31.582 14.345 27.555 21.906 301.9 1'35.388 **Alex RINS** SPA SUZUKI 3rd 42 3 31.163 14.274 27.334 21.649 301.8 1'34.420 Team SUZUKI ECSTAR 4 1'34.362 31.012 14.227 27.343 21.780 299.3 Runs=2 Total laps=15 Full laps=9 5 1'34.011 30.893 14.241 27.260 21.617 302.7 Run# 1 Front Tyre Slick-Hard Rear Tyre Slick-Soft 6 1'34.041 30.948 14.116 27.244 21.733 304.2 5 Laps at start 3 Laps at start 7 27.424 21.734 302.1 1'34.210 30.931 14.121 1 30.787 14.714 27.982 22.043 303.1 2'18.678 8 1'34.182 30.981 14.162 27.413 21.626 303.2 2 1'33.833 30.955 14.105 27.054 21.719 306.9 9 1'48.839 35.859 15.060 28 637 29 283 286.1 14.069 3 31.096 27.100 307.0 1'33.886 21.621 Front Tyre Slick-Medium Rear Tyre Slick-Hard 2 Run# 4 1'33.262 30.647 13.957 27.063 21.595 306.2 9 Laps at start **New Tyre** 14.259 308.6 1'38.797 30.825 31.846 21.867 10 5'19.061 33.676 14.797 28.068 22.083 293.8 6 30.794 14.069 27.226 21.738 311.2 1'33.827 30.887 14.089 27.012 21.490 303.2 11 1'33.478 Р 7 37 166 14 046 27 172 29 397 1'47 781 306.9 12 1'33.739 30.699 13.976 27.204 21.860 305.2 Run# 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 13.935 26.938 21.426 13 1'32.952 30.653 304.6 3 Laps at start **New Tyre** 30.815 14.068 27.097 21.538 302.8 14 1'33.518 8 6'17.730 32.471 14.751 28.143 22.227 303.2 27.153 15 1'33.561 30.691 14.022 21.695 304.8 1'34.825 31.576 14.170 27.294 21.785 306.1 16 30.736 14.017 27.161 21.583 304.2 1'33,497 10 13.986 27.175 21.654 306.3 1'33.705 30.890 17 1'33.619 30.768 14.026 27.161 21.664 305.2 13.991 27.182 21.789 306.9 11 1'33.938 30.976 Maverick VIÑALES YAMAHA SPA 12 30.824 14.080 27.103 24.110* 307.5 1'36.117 12 2nd Monster Energy Yamaha MotoGP 13 1'35.673 32.350* 14.153 27.293 21.877 306.9 Runs=2 Total laps=18 Full laps=15 14 1'33.856 30 899 13 976 27 161 21.820 307.5 Front Tyre Slick-Medium Rear Tyre Slick-Soft 15 1'49.859 Р 34.825 14.114 29.755 31.165 310.8 Run# 1 **New Tyre New Tyre** Marc MARQUEZ SPA **HONDA** 4th 93 22.324 2'13.444 29.824 298.2 1 14.523 28.074 Repsol Honda Team 2 1'34.806 31.184 14.102 27.602 21.918 305.8 Runs=2 Total laps=16 Full laps=13 3 1'34.086 31.023 14.000 27.350 21.713 306.2 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 1 4 31.061 13.989 27.366 305.6 1'34.265 21.849 6 Laps at start New Tyre 5 1'39.437 35.367 14.381 27.839 21.850 300.4 1 1'43.619 32.133 15.167 29.317 22.700 282.4 30.927 27.243 6 1'33.637 13.977 21.490 305.0 2 1'37.986 31.952 14.352 29.051 22.631 307.7 7 30.910 13.996 27.266 21.504 306.0 1'33.676 3 31.058 14.152 27.707 21.732 307.3 1'34.649 8 31.014 32.362 22.354 1'40.628 14.898 306.0 30.760 14.022 27.352 21.599 308.0 4 1'33.733 9 31.186 14.001 27.281 21.607 305.6 1'34.075 5 30.732 13.991 27.243 21.466 309.5 1'33.432 10 31.032 13.938 27.259 21.595 306.7 1'33.824 30.783 13.961 27.152 21.427 309.2 6 1'33.323 27.285 22.852 306.1 11 1'35.146 31.006 14.003 30.644 13.949 27.196 21.479 308.9 1'33.268 12 1'34.168 31.134 13.980 27.379 21.675 306.5 8 1'33.753 30.714 13.930 27.419 21.690 309.1 13 1'33.792 30.948 13.965 27.324 21.555 305.8 9 1'46.593 P 33.254 14.928 28.884 29.527 281.8 Р 27.394 29.753 307.6 14 1'42.075 31.017 13.911

Fastest Lap: Fabio QUARTARARO Petronas Yamaha SR FRA 1'32.952 30.653 13.935 26.938 21.426

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Free Practice Nr. 4 MotoGP

Free	Prac	tíc	e Nr.	4											toGP
	Lap Tim			1 T2		Т3		Speed		Lap Tim		T1 T2			Speed
Run	# 2	Fro	•	Slick-Mediu		-			15	1'33.849	30.654	14.085	27.267	21.843	307.6
				Laps at sta			6 Laps		741	0	Danilo PE	TRUCCI	D	UCATI	ITA
10	6'08.381		31.042	14.513	27.910		22.019	298.4	7th	9	Ducati Team				
11 12	1'34.278		31.134 30.833	14.162 14.085	27.459 27.275		21.523 21.540	310.0 307.1				Runs=2	Total laps:	=15 Full	l laps=12
13	1'33.733 1'33.776		30.842	14.065	27.273		21.540	307.1	Run	# 1	Front Tyre	Slick-Mediu	ım <i>Rear</i> i	Tyre Slick-l	Hard
14	1'33.667		30.760	13.971	27.318		21.538	310.5			5	Laps at star	rt	Nev	w Tyre
15	1'33.757		30.883	13.897	27.329		21.648	312.0	1	2'05.889	33.039	14.947	28.788	22.583	300.0
16	1'33.616		30.741	13.920	27.437		21.518	312.7	2	1'35.907	31.872	14.239	28.011	21.785	308.1
									3	1'34.645	31.134	14.167	27.398	21.946	309.5
5th	4			OVIZIOS) 1	DUC	ATI	ITA	4	1'34.430		14.122	27.388	21.763	307.6
U (1)		Du	cati Team						5	1'34.464		14.147	27.385	21.736	307.6
		_			Total laps			laps=10	6	1'34.227		14.062	27.445	21.732	308.6
Run	# 1	Fro	ont Tyre S	Slick-Mediu		-			7	1'44.066		15.213	28.618	23.340	283.4
				New Tyre			7 Laps		8	1'49.984		14.117	30.381	34.413	311.5
1	2'04.303		33.307	15.117	29.756		22.807	300.3	Run	# 2	Front Tyre				
2	1'36.751		32.252	14.291	28.099	_	22.109	309.8		7145 404		Laps at star		8 Laps :	
3	1'35.580		31.098	14.394	28.453		21.635	300.3	9	7'15.134		15.467	28.419	21.811	277.0
4	1'34.400		31.143	14.140	27.402		21.715	308.2	10	1'34.020		14.197	27.356	21.655	309.9
5	1'34.556		31.199	14.202	27.422		21.733	300.6	11	1'34.025		14.072	27.437	21.599	309.8
6 7	1'34.080 1'41.535		30.871 30.935	14.113 14.041	27.395 27.366		21.701 29.193	307.0 311.3	12 13	1'34.025		14.082 14.446	27.370 31.529	21.630 23.015	309.3 309.0
				Slick-Mediu					14	1'39.990		16.307	29.574	23.015	252.9
Run	# 2	110	-	Laps at sta		-	4 <i>Laps</i> a		15	1'39.834 1'33.981	7	14.042	27.307	21.696	309.5
8	8'12.481	*	33.788	14.260	27.509		τ Laps (21.977*	310.5	13	1 33.961	30.930	14.042	27.507	21.090	309.5
9	1'34.027		30.805	13.886	27.591		21.745	313.1	8th	30	Takaaki N		II H	ONDA	JPN
10	1'33.801	_	30.753	13.968	27.365		21.715	314.2	Otti	30	LCR Honda	IDEMITSU			
11	1'34.015		30.798	13.950	27.363	_	21.904	314.3				Runs=3	Fotal laps:	=16 Full	l laps=10
12	1'35.177		31.129	14.130	27.779		22.139	311.8	Run	# 1	Front Tyre	Slick-Hard	Rear	<i>Tyre</i> Slick-l	Medium
13	1'38.378		33.156	14.028	27.440		23.754*	313.5				New Tyre	•	Nev	w Tyre
14	1'38.704		31.076	14.139	31.002		22.487	312.1	1	2'14.623	35.557	15.665	30.383	22.491	276.0
15	1'42.702		31.081	14.016	27.564		30.041	315.0	2	1'35.532		14.371	27.554	21.833	303.9
									3	1'46.395			34.765	22.092	187.1
6th	36		an MIR	KI FOOTAD		SUZL	JKI	SPA	4	1'34.515		14.131	27.390	21.747	304.3
• • • • • • • • • • • • • • • • • • • •		rea		KI ECSTAR					5	1'34.163		14.132	27.240	21.675	306.2
		_			Total laps			laps=10	6	1'38.749		14.329	27.555	21.752	303.9
Run	# 1	Fra	ont Tyre S	Slick-Hard		Tyre	Slick-l			1'34.725		14.146	27.363	21.990	306.4
	0100 070		04.004	New Tyre		. ,		v Tyre	8	1'54.825		15.664	28.802	31.186	275.7
1	2'20.070		31.804	15.008	28.115		22.602	300.4	Run	# 2	Front Tyre			<i>Tyre</i> Slick-l 8 <i>Laps i</i>	
2	1'35.398		31.337	14.347	27.532		22.182	306.5		FI4.0 F00		Laps at star			
3 4	1'35.270 1'34.689		31.437 31.023	14.333 14.330	27.498 27.402		22.002 21.934	305.5 303.0	9 10	5'18.508 1'34.809		15.689 14.170	28.906 27.345	22.165 21.816	284.8 304.7
5	1'34.119		30.885	14.209	27.268		21.757	307.7	11	1'37.025		15.722	28.270	21.864	306.3
6	1'34.219		30.934	14.170	27.392	_	21.723	307.5	12	1'34.229			27.517	21.585	308.0
7	1'34.386		30.989	14.190	27.370		21.837	305.6	13	1'44.898		14.438	28.349	29.981	302.1
8	1'34.329		30.958	14.138	27.400		21.833	306.3		# 3	Front Tyre				
9	1'53.170		38.471	16.232	29.065		29.402	258.6	, , carr	<i>"</i> 0		Laps at star		6 Laps	
	# 2			Slick-Mediu					14	2'30.274		14.713	28.357	22.686	302.2
,,,,,	<i>"</i> –			New Tyre			9 Laps			1'36.090		14.288	27.511	22.560	304.9
10	4'20.126		32.120	15.199	28.154		22.409	287.1		1'34.069	n .	14.080	27.343	21.536	306.9
11	1'35.096		31.204	14.478	27.472		21.942	304.0							-
12	1'49.976		30.985	14.421	33.075		31.495	308.3							
	# 3			Slick-Hard			Slick-								
•	-			Laps at sta			4 Laps								
13	4'14.914	*	30.757	14.549	27.634			304.9							
14	1'34.124		30.978	14.197	27.201	_	21.748								
Fast	est Lap:	F	abio QUA	RTARARO		F	etronas	Yamaha	SR FF	RA 1	'32.952	30.653	13.935	26.938 2	21.426





Free Practice Nr. 4

			e Nr. 4												toGP
Lap	Lap Tim		T1		? <i>T</i> 3	3 T4	Speed	Lap	Lap Tim	1 1		T1 T2			Speed
9th	44	_	ESPAR			ГΜ	SPA	9	1'34.209		30.874	14.210	27.302	21.823	309.9
Jui	77	Red	I Bull KTM	Factory Ra	acing			10	1'34.510		31.044	14.205	27.305	21.956	310.0
					Fotal laps=		ıll laps=9	11	1'34.533		30.914	14.245	27.436	21.938*	
Run	# 1	Fro	-			yre Slick-l		12	1'39.508	*	31.038			22.457	313.5
			6 L	aps at stal	rt	Nev	v Tyre	13	1'34.498		31.041	14.160	27.389	21.908	311.5
1	1'44.409		30.383	14.931	28.611	22.911	292.5	14	1'34.307		31.014	14.142	27.246	21.905	311.7
2	1'38.540		31.828	14.553	28.691	23.468	301.3	15	1'43.132	Р	31.102	14.187	27.424	30.419	313.4
3	1'35.667		31.251	14.150	28.252	22.014	309.8	104		Δn	drea IA	NNONE	Δ	PRILIA	IT
4	1'34.681		31.164	14.205	27.480	21.832	309.0	12t	h 29			g Team Gre			
5	1'47.865		39.110	15.945	29.777	23.033	275.2			·		_	Total laps	=13 F	ull laps=
6	1'34.601		31.169	14.215	27.375	21.842	308.2	Run	# 1	Fro	ont Tvre	Slick-Medi			•
7	1'48.878		42.053	15.995	28.783	22.047	256.2	,,,,,,	•			New Tyre			at start
8	1'34.353		31.041	14.042	27.420	21.850	310.1	1	1'43.813		30.901	14.965	28.838	22.721	295.
9	1'58.426		42.812	15.839	30.156	29.619	269.1	2	1'38.232		32.010	14.253	28.722	23.247	306.9
Run	# 2	Fro				<i>yre</i> Slick-l	Hard	3	1'34.860		31.497	14.067	27.536	21.760	304.8
			15 <i>L</i>	aps at stal		9 Laps a	at start	4	1'34.233]	31.088	14.080	27.405	21.660	303.3
10	6'56.807		30.986	14.606	29.522	23.905	306.1	5	1'54.286		34.742	17.004*		30.944	255.9
1	1'39.634	-	31.294	14.208	31.945*	22.187	308.6	Run				Slick-Medi			
	1'34.133		31.114	14.049	27.324	21.646	309.3	,,,,,,	_			Laps at sta			at start
13	1'34.734		31.297	14.165	27.425	21.847	309.1	6	5'45.882		35.804	17.084	48.482	28.912	248.9
14	1'43.202	Р	31.188	14.135	27.600	30.279	310.9	7	1'45.569		33.148	15.200	34.309	22.912	284.2
041		Fra	nco MO	RBIDEL	II YA	AMAHA	ITA	8	1'35.467	*	31.460	14.434	27.540	22.033	
Oth	า 21		ronas Yam					9	1'34.387		31.192	14.050	27.400	21.745	304.4
		Į.			Γotal laps=	:11 Fu	ıll laps=6	10	1'34.388		31.158	14.025	27.336	21.869	302.6
Run	# 1	Fro	nt Tyre S			yre Slick-l		11	1'34.544		31.170	14.085	27.493	21.796	303.7
,,,,,	,, •			aps at stal		=	v Tyre	12	1'47.281	Р	32.977	15.148	29.293	29.863	281.7
1	2'06.045		32.733	15.106	28.690	22.466	289.2	Run	# 3	Fro	ont Tyre	Slick-Medi	ım <i>Rear</i>	Tyre Slick-	Mediun
2	1'36.644		32.095	14.475	27.853	22.221	288.7	,,,,,,				Laps at sta			w Tyre
3	1'35.218		31.398	14.412	27.462	21.946	298.5	13	6'07.672		31.988	14.713	28.648	22.379	296.3
4	1'34.372		31.036	14.262	27.288	21.786	299.9								
5	1'34.195	-	31.007	14.226	27.278	21.684	303.5	13t	h 63			BAGNA	IA D	UCATI	IT
6	1'33.985		30.858	14.105	27.267	21.755*	305.1			Pra	mac Rac	ŭ			
7	1'43.201		31.093	14.192	27.378	30.538	302.0						Total laps		ull laps=
Run	# 2	Fro	nt Tyre S	lick-Soft	Rear T	yre Slick-l	Hard	Run	# 1	Fro	-	Slick-Medi		-	
	, –			aps at stal		7 Laps						Laps at sta			w Tyre
8	8'03.585		31.388	14.495	27.920	22.035	302.0	1	2'08.276		32.225	15.171	28.484	22.569	290.7
	1'34.250		30.827	14.235	27.330	21.858	301.5	2	1'35.408		31.378	14.351	27.521	22.158	304.9
	1'34.423		30.825	14.252	27.384	21.962	301.4	3	1'35.130		31.254	14.349	27.511	22.016	300.8
1	1'45.631		30.906	14.759	29.325	30.641	303.5	4	1'35.171]	31.577	14.250	27.458	21.886	297.
								5	1'34.240		30.948		27.270		307.4
1th	า 43		k MILLE		Dl	JCATI	AUS	6	1'34.454		30.951	14.112	27.312	22.079	304.8
- • •		Prai	mac Racin	Ū	F-4-11-	45 -	=	7	2'00.006		35.842		33.999	30.150	302.3
	,, 4				Fotal laps=		III laps=7	Run	# 2	rrc		Slick-Medi			
Run	# 1	rro	nt i yre S i			yre Slick-l			0145.05			Laps at sta			at start
	010=		00.000	New Tyre			v Tyre	8	6'45.851		31.790	14.945	28.377	22.784	292.5
	2'07.066		32.600	15.201	33.227	24.109	301.0	9	1'34.954		31.156	14.315	27.334	22.149	302.0
	1'36.292		31.587	14.428	28.200	22.077	297.8	10	1'34.902		31.081	14.313	27.482	22.026	307.7
3	1'35.471		31.307	14.425	27.597	22.142	295.6	11	1'46.737		31.091	15.935	37.456	22.255	306.5
4	1'38.863		34.981	14.193	27.394	22.295*	309.1	12	1'43.171	Ρ	31.106	14.271	27.476	30.318	305.7
5	1'39.630		31.360*	14.174	27.425	26.671	310.8								
6	1'49.869		34.653	14.716	28.927	31.573	296.7								
Run	# 2	Fro	-			yre Slick-l									
				aps at stal		6 Laps a									
	5'28.457		30.583	14.804	27.726	22.458	307.0								
8	1'34.854		31.183	14.316	27.320	22.035	310.3								
								<u> </u>							
Fast	est Lap:	Fa	abio QUAF	RTARARO		Petronas	Yamaha	SR F	KA 1	'32.	.952	30.653	13.935	26.938	21.426





Free Practice Nr. 4 **MotoGP** *T2 T3 T3* Lap Lap Time T4 Speed T4 Speed Lap Lap Time T2 163.9 10 37.646 17.731 27.860 22.180 Aleix ESPARGARO **APRILIA** SPA 1'45.417 41 14.321 27.436 22.100 302.8 Aprilia Racing Team Gresini 11 1'35.101 31.244 37.294 14.547 27.869 22.260 299.5 Runs=2 Total laps=11 Full laps=7 12 1'41.970 13 31.307 14.233 27.413 21.980 304.4 Front Tyre Slick-Medium Rear Tyre Slick-Hard 1 1'34.933 Run # 27.543 22.004 303.3 5 Laps at start **New Tyre** 14 1'35.056 31.183 14.326 31.714 299.5 15 Ρ 39.174* 14.453 27.946 30.474 300.4 1 1'43.449 15.193 28.853 23.297 1'52.047 30.097 22.784 305.9 2 31.686 14.393 1'38.960 **GBR** Cal CRUTCHLOW **HONDA** 35 17th 3 31.494 14.129 27.659 21.799 308.3 1'35.081 LCR Honda CASTROL 4 1'36.541 32.617 14.396 27.769 21.759 302.2 Runs=2 Total laps=16 Full laps=11 5 31.213 14.406 27.778 305.6 1'45.227 31.830 Front Tyre Slick-Hard Rear Tyre Slick-Hard Run# 1 Front Tyre Slick-Medium Rear Tyre Slick-Soft Run # 2 **New Tyre** 15 Laps at start 10 Laps at start 3 Laps at start 1 33.010 15.189 31.776 27.497 2'09.465 293.4 31.430 6 6'12.846 14.709 28.025 22.194 302.1 2 32.862 14.802 29.951 22.336 292.4 1'39.951 31.223 14.225 27.508 21.833 305.1 7 1'34.789 3 31.490 14.441 30.175 22.501 305.0 1'38.607 8 1'34.391 31.031 14.148 27.391 21.821 306.1 4 1'35.253 31.425 14.276 27.560 21.992 308.6 q 31.012 14.160 27.407 21.850 305.6 1'34.429 5 31.118 14.178 27.453 21.832 310.5 1'34.581 10 1'34.347 31.108 14.075 27.363 21.801 306.9 6 31.137 1'43.392 14.206 27.828 30.221 311.5 11 1'56.107 Ρ 37.109 16.469 29.911 32.618 239.3 2 Front Tyre Slick-Hard Rear Tyre Slick-Medium Run# Johann ZARCO FRA 6 Laps at start 12 Laps at start 15th 5 Red Bull KTM Factory Racing 7 30.774 14.733 28.118 22.327 302.8 5'51.132 8 1'34.893 31.217 14.267 27.473 21.936 306.6 Runs=2 Total laps=13 Full laps=9 31.073 27.466 21.964 309.0 9 14.141 Run # 1 Front Tyre missing data Rear Tyre missing data 1'34.644 27.387 22.029 308.8 Laps at start 10 Laps at start 10 1'34.709 31.126 14.167 32.607 11 1'48.952 39.116 17.117* 30.303 22.416 301.0 14.918 29.293 22.799 1 2'04 090 292.4 31.090 14.153 27.453 21.851 310.3 12 1'34.547 22,300 2 1'35.970 31.738 14.337 27.595 304.0 14.612 3 31.303 27.548 22.090 304.3 13 1'41.082 36.151 27.940 22.379 302 0 1'35.256 14.315 14 1'34.559 31.150 14.095 27.489 21.825 4 31.193 14.476 27.587 22.242 303.6 311.3 1'35,498 5 21.793 15 1'34.787 31.135 14.125 27.587 21.940 313.6 1'35.180 31.646 14.296 27.445 299.3 16 2'05.778 Ρ 44.753 19.988 30.213 30.824 147.8 6 31.135 14.137 27.282 21.816 306.8 1'34.370 7 1'49.497 34.910 14.770 29.261 30.556 289.7 Valentino ROSSI YAMAHA ITA 46 18th Run # 2 Front Tyre missing data Rear Tyre missing data Monster Energy Yamaha MotoGP 17 Laps at start Laps at start Runs=2 Total laps=16 Full laps=13 8 32.318 28.563 22.459 7'06.153 14.890 283.6 1 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run # 22.131 14.306 304.3 q 1'35.561 31.404 27.720 8 Laps at start **New Tyre** 10 1'35.039 31.131 14.318 27.517 22.073 304.7 1 2'29.502 30.178 15.027 28.166 22.337 293.4 11 31.165 14.228 27.549 21.976 305.1 1'34.918 2 1'35.021 31.233 14.345 27.569 21.874 302.0 12 31.221 14.121 27.356 21.979 307.4 1'34.677 3 27.559 301.8 31.050 14.209 22.137 1'34 955 Р 13 1'48.648 35.759 14.312 27.810 30.767 302.4 4 1'34.621 31.054 14.182 27.386 21.999 300.2 5 31.099 14.180 27.412 21.945 303.2 **POR** 1'34.636 Miguel OLIVEIRA KTM 88 16th 6 30.966 14.208 27.515 21.931 302.7 Red Bull KTM Tech 3 1'34.620 7 27.510 300.9 31.162 14.374 21.992 Runs=2 Total laps=15 Full laps=11 1'35.038 Front Tyre Slick-Medium Rear Tyre Slick-Hard 8 1'51.737 Р 36.897 15.436 29.345 30.059 267.3 1 Run# 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard Run# 7 Laps at start 6 Laps at start 16 Laps at start 8 Laps at start 1 1'59.624 33.719 15.276 29.599 22.731 277.9 2 22.203 9 5'41.142 31.061 15.095 28.174 22.320 291.5 1'49.362 43.418 14.856 28.885 282.8 10 14.326 27.575 21.960 300.6 3 27.417 22.075 1'35.073 31.212 1'34.943 31.161 14.290 303.3 11 14 387 27 566 22.005 303.1 4 31.120 14.286 27.358 21.972 304.3 1'35.163 31.205 1'34.736 12 36.084 16.173 36.604 28.107 254.4 5 31.293 14.322 27.337 22.076 302.8 1'56.968 1'35.028 13 32.287 14.482 27.787 22.158 299.8 Р 30.631 194.7 1'36.714 6 1'50.134 32.601 18.136 28.766 14 14.414 303.2 2 Front Tyre Slick-Medium Rear Tyre Slick-Hard 1'35.691 31.276 27.694 22.307 Run # 15 1'35.227 31.208 14.288 27.652 22.079 303.8 13 Laps at start 12 Laps at start

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297.0

304.3

304.8

Petronas Yamaha SR

16

1'35.044

FRA



7'24.832

1'34.465

1'34.736

Fastest Lap:

8

9



31.151

1'32.952

14.200

30.653

27.587

13.935



26.938

22.106

302.5

21.426

33.199

31.076

31.087

Fabio QUARTARARO

14.576

14.254

14.178

27.686

27.294

27.317

22.141

21.841

22.154

Free Practice Nr. 4 MotoGP

			e Nr. 4												oGP
Lap	Lap Tim	1e	T	1 T2	? 7	3 T4	Speed	Lap	Lap Tim	e	7	<u> 1 72 </u>	? 73	3 T4	Spee
19tl	h 17		rel ABRA ale Avintia		D	UCATI	CZE	Run	# 2	Fra	ont Tyre 💲	Slick-Medi New Tyr		<i>yre</i> Slick-I Nev	Mediuı v Tyre
		_		-	Total laps:	=12 Fu	ull laps=3	7	1'38.290		32.065	14.701	28.783	22.741	298.
Run	# 1	Fro	nt Tyre S	lick-Mediu	ım <i>Rear</i> i	Tyre Slick-	——·—— Hard	8	1'35.855		31.650	14.268	27.743	22.194	305.
			-	New Tyre			w Tyre	9	1'35.650		31.327	14.429	27.683	22.211	305.
1	2'01.215	5	33.013	15.689	37.889	23.423	282.3	10	1'35.657		31.171	14.269	27.866	22.351	303.
2	1'39.386		32.579	14.633	29.744	22.430	300.1	11	1'35.648	1	31.365	14.360	27.577	22.346	303.
3	1'35.784		31.372	14.408	27.629	22.375	303.0	12	1'49.406		31.436	14.454	29.319	34.197	301.
4	1'40.853		35.253	14.428	27.737	23.435*	299.3								
5	1'45.543	3 P	31.292	14.291	27.675	32.285	302.0								
Run	# 2	Fro	nt Tyre S	lick-Mediu	ım <i>Rear</i> î	Tyre Slick-	Hard								
				aps at sta		5 Laps									
6	4'50.275	*	33.822	16.017	30.956	23.400*	240.9								
7	1'36.879		31.963*	14.348	28.050	22.518	303.6								
8	1'35.684		31.386	14.272	27.602	22.424*	303.7								
9	1'46.258		33.600*	14.585	28.287	29.786	301.1								
Run	# 3		nt Tyre S		Rear	Tyre Slick-	Soft								
			3 <i>L</i>	aps at sta		3 Laps									
10	5'07.592	2	34.044	14.595	28.131	22.347	302.2								
11	1'34.838		31.148	14.195	27.415	22.080	306.0								
12	1'43.684		31.250	14.302	27.528	30.604	306.9								
		_													
20tl	h 55		izh SYA		K	TM	MAL								
		Rec	Bull KTM												
					Total laps:		ull laps=8								
Run	# 1	Fro				Tyre Slick-									
	0100.00	. 4		aps at sta		14 <i>Laps</i>									
1	2'03.354		33.940	15.955	33.562	24.065*									
2	1'46.393		37.646*	14.966	31.596	22.185	290.4								
3	1'35.836		31.494	14.334	27.891	22.117	303.7								
4	1'35.607		31.574	14.253	27.687	22.093	300.2								
5	1'35.575		31.433	14.334	27.718	22.090	305.6								
6	1'35.580		31.361	14.297	27.651	22.271	304.6								
7	1'58.954		36.874	17.108	30.899	34.073	241.7								
Run	# 2	Fro				Tyre Slick-									
	0100.050			aps at sta		21 <i>Laps</i>									
8	6'38.958		35.920	16.625	33.335	22.927	253.6								
9	1'36.158	F	31.686	14.446	27.899	22.127	304.8								
10	1'35.359		31.320	14.321	27.749	21.969	305.9								
11 12	1'35.488	_	31.382 31.369	14.295 14.249	27.694	22.117 22.009	306.5 306.9								
						// IIII									
	1'35.304				27.677										
13	1'35.304 1'59.930		41.137	15.304	29.751	33.738	284.2								
13		Tito		15.304 T	29.751										
13	1'59.930	Tito	41.137 • RABA alle Avintia	15.304 T Racing	29.751	33.738 UCATI	284.2								
13 21s	1'59.930	Tito Rea	41.137 C RABA alle Avintia	T Racing Runs=2	29.751 D Total laps: um Rear	33.738 UCATI =13 Fu Tyre Slick-	SPA SPA ull laps=8 Hard								
¹³ 21s	1'59.930 st 53	Tito Rea	41.137 C RABA alle Avintia	15.304 T Racing Runs=2	29.751 D Total laps: um Rear	33.738 UCATI =13 Fu Tyre Slick- New	SPA SPA ull laps=8 Hard w Tyre								
13 21s	1'59.930 st 53	Tito	41.137 C RABA alle Avintia	T Racing Runs=2	29.751 D Total laps: um Rear	33.738 UCATI =13 Fu Tyre Slick-	SPA SPA ull laps=8 Hard w Tyre								
13 21s <i>Run</i>	1'59.930 st 53	Tito	41.137 • RABA • RABA • Avintia • F • ont Tyre S	T Racing Runs=2 lick-Media	29.751 D Total lapsam Rear 3 33.666 27.891	33.738 UCATI =13 Fu Tyre Slick- New	284.2 SPA ull laps=8 Hard v Tyre 234.8 307.0								
13 21s <i>Run</i> 1	1'59.930 at 53 a# 1	Tito Rea	41.137 D RABA Alle Avintia Funt Tyre S 33.963	T Racing Runs=2 lick-Mediu New Tyre	29.751 D Total lapseum Rear 2 33.666	33.738 UCATI =13 Fu Tyre Slick- Nev 26.111*	SPA SPA ull laps=8 Hard v Tyre 234.8								
13 21s <i>Run</i> 1 2	1'59.930 1 53 4 1 2'04.901 1'37.725	Tito Real	41.137 • RABA alle Avintia Fint Tyre S 33.963 33.171*	T Racing Runs=2 lick-Mediu New Tyre 17.619 14.398	29.751 D Total lapsam Rear 3 33.666 27.891	33.738 UCATI =13 Fu Tyre Slick- Nev 26.111* 22.265	284.2 SPA ull laps=8 Hard v Tyre 234.8 307.0								
13 21s <i>Run</i> 1 2 3	1'59.930 ** 1 2'04.901 1'37.725 1'35.850	Fro	41.137 • RABA alle Avintia Fint Tyre S 33.963 33.171* 31.898	15.304 T Racing Runs=2 lick-Media New Tyre 17.619 14.398 14.332	29.751 D Total laps: Im Rear 1 33.666 27.891 27.681	33.738 UCATI =13 Fu Tyre Slick- Nev 26.111* 22.265 21.939	284.2 SPA ull laps=8 Hard v Tyre 234.8 307.0 301.5 302.0								
13 Run 1 2 3 4	1'59.930 # 1 2'04.901 1'37.725 1'35.850 1'35.999	Fro	41.137 D RABA alle Avintia Fint Tyre S 33.963 33.171* 31.898 31.701	15.304 T Racing Runs=2 lick-Media New Tyre 17.619 14.398 14.332 14.388	29.751 D Total laps= Im Rear 3 33.666 27.891 27.681 27.921	33.738 UCATI =13 Ft Tyre Slick- Nev 26.111* 22.265 21.939 21.989	284.2 SPA Ill laps=8 Hard ** Tyre 234.8 307.0 301.5 302.0 309.3								

Fastest Lap: Fabio QUARTARARO Petronas Yamaha SR FRA 1'32.952 30.653 13.935 26.938 21.426







4542 m.

Results and timing service provided by TETISSOT

MotoGPTM

MOTUL TT ASSEN Free Practice Nr. 4 **Best Partial Times**

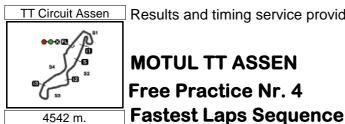
IT Ideal Lap Time, sum of the best partial times

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	30.644	M.VIÑALES	13.837	F.QUARTARARO	26.938	M.VIÑALES	21.403	1 F.QUARTARAR	1'32.952	1'32.952	(1)
2 A.RINS	30.647	A.DOVIZIOSO	13.886	A.RINS	27.054	F.QUARTARARO	21.426	2 M.VIÑALES	1'33.045	1'33.093	(2)
3F.QUARTARARO	30.653	M.MARQUEZ	13.897	M.VIÑALES	27.142	M.MARQUEZ	21.427	3 M.MARQUEZ	1'33.120	1'33.268	(4)
4 J.MIR	30.654	F.QUARTARARO	13.935	M.MARQUEZ	27.152	T.NAKAGAMI	21.536	4 A.RINS	1'33.253	1'33.262	(3)
5M.VIÑALES	30.663	A.RINS	13.957	J.MIR	27.201	A.RINS	21.595	5 A.DOVIZIOSO	1'33.637	1'33.801	(5)
6 A.DOVIZIOSO	30.753	A.IANNONE	14.025	T.NAKAGAMI	27.240	D.PETRUCCI	21.599	6 J.MIR	1'33.663	1'33.849	(6)
7 D.PETRUCCI	30.812	D.PETRUCCI	14.042	J.MILLER	27.246	A.DOVIZIOSO	21.635	7 D.PETRUCCI	1'33.760	1'33.981	(7)
8 F.MORBIDELLI	30.825	P.ESPARGARO	14.042	F.MORBIDELLI	27.267	P.ESPARGARO	21.646	8 F.MORBIDELLI	1'33.881	1'34.195 (10)
9J.MILLER	30.874	T.NAKAGAMI	14.043	F.BAGNAIA	27.270	A.IANNONE	21.660	9 T.NAKAGAMI	1'33.903	1'34.069	(8)
10 F.BAGNAIA	30.948	A.ESPARGARO	14.075	J.ZARCO	27.282	F.MORBIDELLI	21.684	10 P.ESPARGAR	1'34.053	1'34.133	(9)
11 V.ROSSI	30.966	J.MIR	14.085	M.OLIVEIRA	27.294	J.MIR	21.723	11 J.MILLER	1'34.085	1'34.209 (11)
12 A.ESPARGARO	31.012	T.RABAT	14.090	D.PETRUCCI	27.307	A.ESPARGARO	21.759	12 A.IANNONE	1'34.109	1'34.233 (12)
13 P.ESPARGARO	31.041	C.CRUTCHLOW	14.095	P.ESPARGARO	27.324	J.ZARCO	21.793	13 F.BAGNAIA	1'34.199	1'34.240 (13)
14 C.CRUTCHLOW	31.073	F.MORBIDELLI	14.105	A.IANNONE	27.336	J.MILLER	21.823	14 A.ESPARGAR	1'34.209	1'34.347 (14)
15 M.OLIVEIRA	31.076	F.BAGNAIA	14.112	A.DOVIZIOSO	27.363	C.CRUTCHLOW	21.825	15 J.ZARCO	1'34.327	1'34.370 (15)
16T.NAKAGAMI	31.084	J.ZARCO	14.121	A.ESPARGARO	27.363	M.OLIVEIRA	21.841	16 C.CRUTCHLO	1'34.380	1'34.547 (17)
17 A.IANNONE	31.088	J.MILLER	14.142	V.ROSSI	27.386	F.BAGNAIA	21.869	17 M.OLIVEIRA	1'34.389	1'34.465 (16)
18 J.ZARCO	31.131	M.OLIVEIRA	14.178	C.CRUTCHLOW	27.387	V.ROSSI	21.874	18 V.ROSSI	1'34.406	1'34.620 (18)
19T.RABAT	31.131	V.ROSSI	14.180	T.RABAT	27.404	T.RABAT	21.939	19 T.RABAT	1'34.564	1'35.648 (21)
20 K.ABRAHAM	31.148	K.ABRAHAM	14.195	K.ABRAHAM	27.415	H.SYAHRIN	21.969	20 K.ABRAHAM	1'34.838	1'34.838 (
21 H.SYAHRIN	31.320	H.SYAHRIN	14.249	H.SYAHRIN	27.651	K.ABRAHAM	22.080	21 H.SYAHRIN	1'35.189	1'35.304 (20)







MOTUL TT ASSEN Free Practice Nr. 4

MotoGP™

Practice Time Rider Nation Motorcycle Time Km/h Rider's Lap 3'21.605 93 Marc MARQUEZ SPA **HONDA** 1'37.986 166.8 2 **FRA KTM** 1'35.970 170.3 2 3'40.060 5 Johann ZARCO 2 ITA **DUCATI** 1'35.907 170.4 9 Danilo PETRUCCI 3'41.796 2 3'43.684 63 Francesco BAGNAIA ITA **DUCATI** 1'35.408 171.3 12 Maverick VIÑALES SPA YAMAHA 1'34.806 172.4 2 3'48.250 3'52.511 42 Alex RINS SPA SUZUKI 1'33.833 174.2 2 174.4 93 Marc MARQUEZ SPA **HONDA** 1'33.733 4 6'29.987 SPA 6'59.659 42 Alex RINS SUZUKI 1'33.262 175.3 4 FRA YAMAHA 1'32.952 175.9 13 25'14.515 20 Fabio QUARTARARO



