## **MotoGP**



## GRAN PREMI MONSTER ENERGY DE CATALUNYA

## Free Practice Nr. 4 **Chronological Analysis of Performances**

		time cancel		T1 Time from finish line to 1st intermediate T2 Time from 1st intermed. to 2nd intermed.					T3 Time from 2nd intermed. to 3rd intermed. T4 Time from 3rd intermediate to finish line					
	Lap Time	finish line in						Lap Time					Speed	
Lаρ	Lap Tille	? <u>T1</u>	<i>T2</i>	<i>T3</i>	<i>T4</i>	Speed	Lаμ	Lap Tillie	9 <u>T1</u>	<u>T2</u>	<i>T3</i>	<u>T4</u>	Speeu	
1st	93	Marc MAI	RQUEZ	Repsol	Honda Tea	m SPA	14	1'47.000	17.392	32.184	21.234	36.190	341.5	
	. 33		Runs=2	Total laps=	:13 Full	laps=10			Maverick '	VIÑAI ES	Team S	SUZUKI EC	ST SPA	
1	2'27.190	48.121	37.753	23.038	38.278	163.5	4th	25	viaveriek		Total laps:		I laps=11	
2	2'07.646	18.056	40.931	27.076	41.583	320.5	1	0145 070	1'10.515	34.535	22.344	37.684	170.3	
3	1'46.721	17.585	31.962	20.932	36.242	334.7		2'45.078						
4	1'45.194	17.233	31.592	20.991	35.378	336.8	2	1'48.007	17.616	32.232	21.402	36.757	328.3	
5	1'51.734	17.536	37.280	21.119	35.799	336.7	3	1'46.778	17.284	31.943	20.951	36.600	334.4	
6	2'02.737	P 17.164	31.579	20.961	53.033	337.2	4	1'50.084	17.870	34.808	21.061	36.345	336.7	
7	8'51.451	7'20.470	33.099	21.487	36.395	168.9	5	1'46.204	17.248	31.871	21.073	36.012	334.0	
8	1'45.378	17.212	31.740	20.955	35.471	335.1	6	1'57.440		31.905	21.002	47.253	334.6	
9	1'45.543	17.129	31.828	21.059	35.527	337.3	7	6'50.283	5'15.857	35.420	22.120	36.886	165.1	
10	1'45.636	17.233	31.748	21.061	35.594	335.8	8	1'46.437	17.511	31.976	21.031	35.919	335.2	
11	1'45.684	17.183	31.807	21.013	35.681	338.4	9	1'45.813	17.302	31.683		35.858	335.1	
12	1'45.712	17.179	31.827	21.012	35.694	337.6	10	1'45.849	17.221	31.851	21.011	35.766	335.7	
13	1'45.830	17.234	31.902	21.047	35.647	336.5	11	1'46.050	17.212	31.972	20.995	35.871	337.6	
				1.00.11			12	1'46.048	17.225	31.898	21.034	35.891	335.2	
2nc	1 35 <sup>(</sup>	Cal CRUT		LCR Ho		GBR	13	1'45.848	17.252	31.798	21.042	35.756	335.9	
			Runs=4	Total laps=	:12 Fu	ıll laps=6	14	1'49.610	17.343	31.926	20.966	39.375	334.7	
1	2'29.297	41.719	37.738	25.830	44.010	176.8	Eth	AE S	Scott RED	DING	OCTO	Pramac Ya	khn GBR	
2	1'54.291	18.366	33.163	22.039	40.723	294.3	5th	45			Total laps:	=14 Ful	I laps=11	
3	1'46.770	17.593	31.978	21.283	35.916	331.6	1	2'40.220	1'05.614	34.716	22.217	37.673	206.3	
4	1'46.353	17.344	31.865	21.279	35.865	333.2	2	1'47.591	17.701	32.468	21.247	36.175	328.8	
5	1'50.659	17.467	31.937	23.569	37.686	332.6	3	1'46.099	17.333	31.970	21.010	35.786	333.6	
6	2'06.622	P 17.414	31.976	22.185	55.047	331.5	4	1'45.819	17.193	31.882		35.716	338.1	
7	7'17.803	P 5'34.833	34.227	22.638	46.105	214.2	5	1'51.924	17.605	36.354	21.369	36.596	328.7	
8	3'23.611	1'50.761	33.972	22.184	36.694	203.9	6	1'46.195	17.228	32.002	21.112	35.853	336.5	
9	1'50.080	17.468	34.441	22.180	35.991	333.5	7	1'46.601	17.354	32.146	21.171	35.930	335.8	
10	1'45.604	17.304	31.663	21.136	35.501	334.2	8	1'46.421	17.205	32.121	21.117	35.978	336.9	
_11	1'57.337	P 17.437	33.470	22.167	44.263	335.8	9	1'46.428	17.258	32.236	21.117	35.788	338.0	
12	2'46.292	1'11.933	35.672	21.994	36.693	211.8	10	1'47.031	17.212	32.287	21.343	36.189	338.1	
		Andrea I <i>A</i>	MNONE	Ducati 7	Грат	ITA	11	1'47.046	17.276	32.308	21.258	36.204	337.2	
3rc	l   29  ′	Andrea i					12	2'01.560		34.515	22.357	46.300	325.1	
				Total laps=		laps=11	13	6'01.906	4'29.343	33.599	22.197	36.767	215.9	
1	2'28.371	46.684		25.743	39.866	91.0	14	1'47.729	17.432	32.491	21.469	36.337	336.8	
2	2'02.066	18.083		23.645	42.501	01111								
3	1'46.757	17.569		20.977	36.005	332.4	6th	4	Andrea Do	OVIZIOS	O Ducati	Team	ITA	
4	1'45.727	17.335		20.937	35.627	337.1	Otti	4		Runs=2	Total laps:	=12 F	ull laps=9	
5	1'46.377	17.357		20.894	36.266	338.8	1	3'27.120	1'53.458	34.734	22.108	36.820	194.9	
6	1'46.352	17.307		21.087	35.845	332.6	2	1'47.149	17.664	32.291	21.121	36.073	327.5	
7	1'46.687	17.255		21.115	36.317	339.3	3	1'45.901	17.275	31.814		35.754	339.1	
8	1'46.822	17.414		21.177	36.116	335.9	4	1'51.076	17.279	32.081	21.165	40.551	338.9	
9	1'46.527	17.340		21.042	35.987	342.2	5	1'47.626	17.387	32.132	21.377	36.730	327.6	
10	1'49.611	18.100	7	21.189	36.152	337.8	6	1'56.455		32.099	21.360	45.696	334.7	
	1'55.626			20.907	45.043	341.5	7	9'58.450	8'25.903	33.948	21.818	36.781	185.7	
12	6'27.663	4'52.103		21.895	36.599	161.1	8	1'46.659	17.286	32.122	21.060	36.191	339.1	
13	1'47.015	17.404	32.456	21.114	36.041	341.7	-		3	·		· ·		

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SPA

1'45.194

Repsol Honda Team



Fastest Lap:



17.233

31.592



20.991

35.378

Marc MARQUEZ

Free Practice Nr. 4 MotoGP

		tice Nr. 4		2 <i>T3</i>	T1	Speed	100	I on Time	. 7	-1 <del>-</del> /	2 7		Speed
	Lap Tim						Lap	Lap Tim		<u>1 72</u>	_		Speed
	1'46.510		32.059 33.632	21.182 21.182	36.036 36.135	340.0 341.6	10t	h 9	Danilo PE			Pramac Yal	
	1'49.319		32.126								Total laps:		ıll laps=€
	1'46.734			21.133	36.221	340.5	1	2'10.099		35.209	23.713	37.780	181.4
12	1'46.853	17.191	32.256	21.231	36.175	340.3	2	1'49.081	17.593	32.090	21.586	37.812	332.6
74h	46	Valentino F	ROSSI	Movistar	Yamaha	Mot ITA	3	1'46.689		32.024		36.036	335.7
7th	40			Total laps=1	l4 Ful	II laps=11	4	1'46.724		32.068	21.318	36.023	337.8
1	3'00.127		35.566	22.773	38.234	215.4	5	2'00.863		35.691	25.997	40.568	338.1
2	1'49.743		32.916	21.527	37.029	321.4		nfinished					193.8
3	1'48.348	17.821	32.570	21.409	36.548	332.8	6	16'30.093		35.412	21.835	40.241	
4	1'47.529	17.498	32.337	21.365	36.329	333.6	7	1'47.734		32.141	21.160	36.773	332.9
5	1'47.653	17.473	32.319	21.403	36.458	333.2	8	1'47.048		32.033	21.355	36.164	337.2
6	1'58.844		33.173	21.886	46.048	331.5	9	1'47.377	17.438	32.189	21.444	36.306	338.2
7	6'11.431	4'39.050	33.839	21.739	36.803	187.6			Yonny HE	RNANDE	- Aspar	Team Moto	SP COL
	1'47.297		32.355	21.412	36.142	332.5	11t	h 68	I Ollily I IL		Total laps:		l laps=10
9	1'46.754		32.036	21.107	35.940	327.9		014.5.07.5	29.532		21.559		
	1'45.992	1	31.932	20.977	35.844	332.8	1	2'15.075		34.050		49.934	221.4
	1'46.216	17.189	32.113	21.025	35.889	334.7	2	1'47.702		32.192	21.474	36.269	331.6
	1'49.421	18.176	33.298	21.381	36.566	335.1	3	1'47.220		32.195	21.283	36.224	333.3
	1'46.314		32.167	21.125	35.779	334.7	4 5	1'49.999	-	32.056		39.381	336.9
	1'46.750		32.143	21.111	36.192	334.8		1'46.849		32.064	21.165	36.200	332.2
	1 40.700	17.001	02.110		00.102	001.0	6	1'47.677		32.211	21.284	36.641	330.4
8th	26	Dani PEDR	OSA	Repsol F	londa Tea	m SPA	7	1'47.693		32.222	21.417	36.566	329.6
Otti	20	F	Runs=2	Total laps=1	l4 Ful	l laps=10	8	1'47.946		32.436	21.299	36.418	328.7
1	2'40.319	1'05.602	34.948	22.384	37.385	112.3	9	1'47.576		32.265	21.305	36.584	331.5
2	1'47.740	17.870	32.395	21.443	36.032	303.8	10	1'48.724		32.383	22.224	36.732	329.9
3	1'51.967	17.756	36.750	21.147	36.314	317.1	11	1'48.403		32.678	21.513	36.693	330.2
4	1'50.654	17.265	31.967	21.262	40.160	326.8	12	2'05.685	P 18.075	35.581	22.093	49.936	329.3
5	1'46.428	17.266	31.949	21.211	36.002	330.1	401	I- C	Stefan BR	ADL	Aprilia	Racing Tea	m GER
	1'48.257	17.827	33.045	21.235	36.150	324.1	12t	h 6			Total laps:	- =15 Ful	l laps=13
7	1'47.049	17.768	32.156	21.209	35.916	338.2	1	2'19.115	42.909	35.384	22.859	37.963	179.9
8	1'46.249	17.249	31.944	21.298	35.758	336.9	2	1'59.011	18.056	34.398	23.281	43.276	324.2
9	1'58.879	P 17.240	32.008	21.100	48.531	336.1	3	1'47.656		32.305	21.459	36.098	329.2
10	6'56.259	5'23.951	33.939	21.864	36.505	109.4	4	1'47.106	1	32.102	21.388	36.123	333.5
11	1'49.056	18.591	32.910	21.430	36.125	338.6	5	1'47.189		32.144	21.368	36.189	333.8
12	1'46.538	17.325	32.069	21.241	35.903	339.3	6	1'47.297		32.174	21.370	36.259	332.7
	1'57.995	17.259	31.961	21.312	47.463	336.8	7	1'47.213		32.117	21.422	36.207	332.0
14	2'00.993	P 17.293	32.094	21.091	50.515	333.8	8	1'47.345	<u> </u>	32.297	21.336	36.213	330.1
							9	1'47.449		32.306	21.332	36.307	330.6
9th	44	Pol ESPAR			Yamaha <sup>-</sup>		10	1'47.912		32.387	21.364	36.659	331.0
		F	Runs=2	Total laps=1	l3 Ful	I laps=10	11	1'47.756		32.332	21.504	36.438	330.8
1	2'27.438	48.506	37.630	23.142	38.160	217.6	12	1'47.876		32.406	21.491	36.467	331.1
2	1'49.852	17.906	32.435	21.213	38.298	323.6	13	1'48.335		32.550	21.586	36.637	331.8
3	1'46.746	17.318	31.857	21.127	36.444	334.2	14	1'48.741	17.690	32.764	21.570	36.717	329.8
4	1'46.345	17.177	32.025	21.236	35.907	336.2		2'06.742		35.628	22.434	48.550	
5	1'57.400	19.564	33.979	21.818	42.039	320.7	_15	200.742	F 20.130	33.020	22.434	40.550	314.3
6	1'46.837	17.389	32.104	21.144	36.200	327.7	124	h 8	Hector BA	RBERA	Avintia	Racing	SPA
7	1'57.717	P 17.365	31.981	21.171	47.200	332.3	13t	11 0			Total laps:	=12 Fu	ull laps=8
8	7'43.998	6'11.207	33.910	22.152	36.729	215.6	1	1'56.766	23.370	34.364	21.791	37.241	226.3
9	1'48.645	17.398	33.071	21.634	36.542	331.6	2	1'48.607		32.570	21.455	36.569	315.5
10	1'46.867	17.354	32.180	21.241	36.092	331.4	3	2'06.074		42.198	25.325	40.731	328.4
11	1'51.047	19.013	33.060	21.856	37.118	329.2	4	1'47.233		32.270	21.036	36.340	331.7
12	1'47.497	17.482	32.258	21.417	36.340	328.4	5	1'49.024		32.062		38.078	329.2
13	1'47.236	17.332	32.273	21.398	36.233	332.6	6	1'47.363		32.283	21.256	36.274	322.7
							7	1'47.170	1	32.295	21.196	36.186	323.9
							8	1'47.514		32.396	21.204	36.355	331.5
	est Lap:	Marc MARQ			-	londa Tea			'45.194	17.233			5.378

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Fre	e Practice	Nr. 4								MotoGP
Lap	Lap Time	T1	<i>T2</i>	<i>T3</i>	T4 Speed	Lap Lap Time	T1	<i>T2</i>	<i>T3</i>	T4 Speed

Lan	Lap Time	T	1 T2	? <i>T</i> 3	? T/	Speed	Lap	Lap Time	e T1	' T2	· 7:	3 TA	Speed
<u>Lap</u> 9	1'58.957		32.352	21.283	47.860		<u> </u>		18.004	32.774	21.535	36.651	320.5
						325.9		1'48.964					
10	6'17.057	4'44.658	34.416	21.676	36.307	180.0	4	1'52.550	18.825	34.825	22.286	36.614	330.7
11	1'47.206	17.500	32.259	21.339	36.108	323.6	5	1'48.290	17.873	32.377	21.580	36.460	319.5
12	1'57.516	P 17.502	32.639	21.375	46.000	334.1	6	1'48.003	17.755	32.432	21.422	36.394	316.6
		lorge LOR	FNZO	Movista	r Yamaha N	Not SPA	7	1'48.819	17.791	32.512	21.518	36.998	326.6
14t	h 99 🖰	_					8	1'55.567	17.819	32.467	21.190	44.091	322.7
				Total laps=		ıll laps=8	9	1'57.900	P 17.567	32.431	21.478	46.424	328.5
1	1'56.628	21.947	34.746	22.235	37.700	229.1	10	6'30.772	4'57.321	33.696	22.396	37.359	219.4
2	1'58.540		32.659	21.404	46.735	332.4	11	1'47.696	17.933	32.194	21.200	36.369	326.6
3	4'55.827	3'24.197	33.463	21.485	36.682	233.1	12	1'47.758	17.578	32.037	21.600	36.543	324.9
4	1'47.439	17.470	32.156	21.278	36.535	333.7	13	1'47.436	17.558	32.229	21.266	36.383	329.1
5	1'47.356	17.400	32.257	21.262	36.437	333.9	14	1'47.461	17.506	32.155	21.462	36.338	330.2
6	1'59.245	P 18.171	33.431	21.457	46.186	332.6							
7	5'45.777	4'15.217	33.039	21.268	36.253	223.9	18t	h 50	Eugene LA	VERTY	Aspar T	eam MotoG	P IRL
8	1'53.153	18.648	36.859	21.313	36.333	331.2	100	30	F	Runs=2	Total laps=	:12 Fu	II laps=8
9	1'47.278	17.352	32.286	21.363	36.277	335.6	1	2'54.079	1'19.108	34.825	22.313	37.833	185.4
10	1'47.253	17.357	32.280	21.404	36.212	335.2	2	1'48.564	17.812	32.503	21.314	36.935	326.2
11	1'47.415	17.398	32.333	21.355	36.329	335.6	3	1'47.488	17.437	32.182	21.329	36.540	334.8
12	1'47.437	17.391	32.441	21.365	36.240	336.0	4	1'47.667	17.365	32.235	21.367	36.700	334.8
13	1'47.474	17.403	32.369	21.346	36.356	335.2	5	1'47.700	17.589	32.243	21.421	36.447	334.1
		111100	02.000				6	1'47.479		32.310	21.292	36.487	333.8
15t	h 38 <sup>E</sup>	Bradley SM	ИТН	Monster	Yamaha T	ec GBR	7	1'47.654	17.551	32.307	21.312	36.484	333.0
131	11 30		Runs=2	Total laps=	14 Full	laps=11	8	1'59.347		33.368	21.842	46.136	330.6
1	2'25.787	47.991	36.163	23.038	38.595	195.0	9	8'30.265	6'57.032	33.812	21.974	37.447	166.5
2	1'49.867	18.204	33.142	21.666	36.855	326.8	10					36.420	
3	1'48.228	17.869	32.475	21.361	36.523	327.7	_	1'47.908	17.488	32.466	21.534		333.1
4	1'47.308	17.542	32.283	21.276	36.207	329.4	11	1'47.740	17.489	32.386	21.368	36.497	332.1
5	1'47.322	17.498	32.327	21.304	36.193	332.5	12	2'00.896	P 17.584	32.621	21.503	49.188	329.8
6	1'47.708	17.507	32.722	21.326	36.153	331.7	404	L <b>[</b> [ ]	Michele PIF	RRO	Avintia	Racing	ITA
7	1'47.718	17.417	32.616	21.352	36.333	331.4	19tl	h 51			Total laps=	±11 Fu	II laps=7
8		P 20.913	35.116	23.861	47.004	319.4	1	2'30.312	39.075	37.533	26.610	47.094	118.8
9	6'56.880	5'22.217	34.564	22.984	37.115	190.7	2	1'50.804	18.148	33.133	21.942	37.581	314.3
10	1'48.108	17.591	32.711	21.470	36.336	333.6	3	1'48.409	17.815	32.357	21.651	36.586	323.7
11	1'47.977	17.567	32.525	21.427	36.458	329.4	4	1'51.317	17.560	32.796	21.716	39.245	333.4
12	1'47.582	17.477	32.497	21.322	36.286	332.7	5		17.613	32.252	21.376	37.187	326.3
13		21.571	34.179	21.469	36.597	331.4	6	1'48.428		32.237	21.272	36.440	309.8
	1'53.816						7	1'47.601					
_14	1'47.657	17.501	32.595	21.351	36.210	331.8			P 17.973	35.421	22.629	47.316	314.5
4 64	h 44 /	Aleix ESP	ARGARO	Team S	UZUKI EC	ST SPA	8	6'38.992	5'05.244	33.425	21.978	38.345	195.9
101	h 41		Runs=3			ıll laps=5	9	1'49.415		32.629	21.933	37.138	324.4
1	2'40.405	1'06.186	34.629	22.308	37.282	175.8	10	1'48.967	17.591	32.608	21.656	37.112	329.9
2	1'48.394	18.020	32.482	21.507	36.385	298.0	11	2'09.743	P 19.831	38.337	22.787	48.788	331.0
3		P 17.639	32.050	21.326	47.292	330.2	004	40	Jack MILLE	-R	Estrella	Galicia 0,0	M AUS
4		4'54.440	33.696	21.847	36.816	213.3	20ti	h 43 ˈ			Total laps=	-10 Fu	II laps=6
	6'26.799	17.577	32.278	22.483	36.559	329.9	1	2'29.129	46.863	34.764	23.948	43.554	204.0
5	1'48.897										23.874		
6	1'47.985	17.850	32.311	21.446	36.378	329.3	2	1'53.709	17.871	33.409		38.555	318.3
7		P 17.581	32.217	21.391	46.755	328.0	3	1'48.486	17.695	32.443	21.327	37.021	335.9
8	5'02.029	3'27.777	34.444	22.612	37.196	203.3	4	1'48.079	17.518	32.330	21.451	36.780	331.0
9	1'48.164	17.781	32.501	21.507	36.375	329.1	5	1'53.996	18.165	36.620	21.837	37.374	334.4
10	1'47.406	17.477	32.269	21.316	36.344	330.8	<u>6</u>		P 17.559	32.349	21.351	47.813	334.7
11	2'00.272	P 18.636	33.484	21.933	46.219	331.7	7	7'55.575	6'21.469	34.492	22.086	37.528	186.8
	7	Tito RABA	Т	Estrella	Galicia 0,0	M SPA	8	1'48.014		32.434	21.466	36.531	331.6
17t	h 53				14 Full	_	9	1'57.256	18.190	38.732	22.317	38.017	332.1
-1	2110 107						10	1'59.644	P 17.697	32.451	21.595	47.901	331.0
1	2'10.127	25.865	35.640	22.334	46.288	220.4							
2	1'50.747	18.438	32.786	21.689	37.834	309.8							
Fas	test I an:	Marc MARC	DUF7		Rensol H	onda Tea	am S	PA 1	'45.194	17 233	31 592	20 991 3	5 378

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'45.194 17.233 31.592 20.991 35.378

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Free Practice Nr. 4 MotoGP

Lap	Lap Time	. 7	T1 T.	2 T	3 T4	Speed	Lap	Lap Time	T1	T2	<i>T3</i>	T4 Speed
215	st 19	Alvaro BA			Racing Tea							
			Runs=1	Total laps=	:13 Fu	I laps=11						
1	2'13.593	37.446	35.121	22.955	38.071	149.6						
2	1'50.099	18.132	33.120	22.074	36.773	326.1						
3	1'48.637	17.772	32.570	21.706	36.589	330.1						
4	1'49.557	17.695	32.743	22.518	36.601	331.7						
5	1'48.423	17.783	32.491	21.645	36.504	329.6						
6	1'48.198	17.615	32.490	21.445	36.648	329.1						
7	1'48.924	17.679	32.408	21.907	36.930	328.5						
8	1'48.771	17.942	32.612	21.376	36.841	326.9						
9	1'48.666	17.723	32.625	21.582	36.736	327.5						
10	1'48.783	17.638	32.659	21.661	36.825	328.1						
11	1'48.868	17.696	32.717	21.626	36.829	328.9						
12	1'48.741	17.571	32.711	21.506	36.953	329.1						
u	ınfinished	17.604				330.6						

Fastest Lap: Marc MARQUEZ Repsol Honda Team SPA 1'45.194 17.233 31.592 20.991 35.378

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