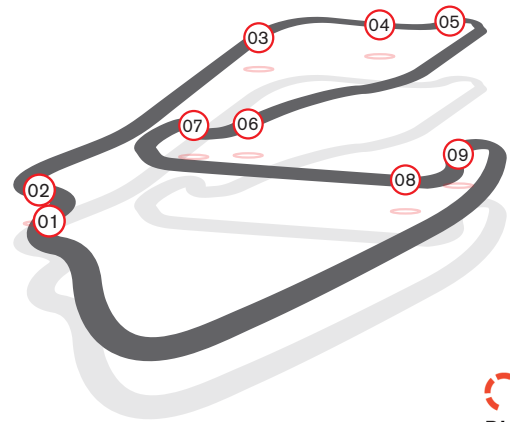



Circuit Data

- Length: **5.901 m**
- Number of laps: **52**
- Type of circuit: **Light**
- Number of brakings: **9**
- Pole 2009: **S. Vettel - Red Bull-Renault - 1'18"119**
- Time spent under braking per lap: **8%**
- Expected time spent under brake on 2010: **9%**




Direction
International Circuit

The race at Silverstone has always been one of the fastest on the calendar and this year it comes back with a renewed layout and new curves. Among the main characteristics of the circuit is that weather conditions tend to be extremely variable. Wear on braking systems is not a major issue at Silverstone.

01	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	280	276	[Km/h]
Final speed	259	258	[Km/h]
Stopping distance	13	12	[m]
Braking time	0,17	0,17	[sec]
Maximum deceleration	4,56	4,01	[g]
Maximum pedal load	119	114	[Kg]
Braking power	1.797	1.533	[Kw]

04	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	278	279	[Km/h]
Final speed	117	119	[Km/h]
Stopping distance	90	93	[m]
Braking time	1,76	1,79	[sec]
Maximum deceleration	4,44	4,02	[g]
Maximum pedal load	117	115	[Kg]
Braking power	1.725	1.526	[Kw]

02	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	246	245	[Km/h]
Final speed	209	210	[Km/h]
Stopping distance	24	23	[m]
Braking time	0,38	0,36	[sec]
Maximum deceleration	3,65	3,47	[g]
Maximum pedal load	95	99	[Kg]
Braking power	1.241	1.160	[Kw]

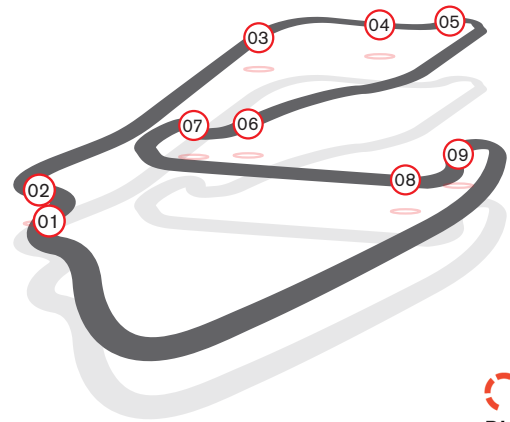
05	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	-	147	[Km/h]
Final speed	-	128	[Km/h]
Stopping distance	-	13	[m]
Braking time	-	0,35	[sec]
Maximum deceleration	-	1,97	[g]
Maximum pedal load	-	50	[Kg]
Braking power	-	410	[Kw]

03	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	303	310	[Km/h]
Final speed	235	237	[Km/h]
Stopping distance	36	42	[m]
Braking time	0,48	0,56	[sec]
Maximum deceleration	5,10	4,58	[g]
Maximum pedal load	134	130	[Kg]
Braking power	2.163	1.942	[Kw]

06	SEASON DATA	FORECAST DATA	
	2009	2010	
Initial speed	-	291	[Km/h]
Final speed	-	143	[Km/h]
Stopping distance	-	85	[m]
Braking time	-	1,49	[sec]
Maximum deceleration	-	4,23	[g]
Maximum pedal load	-	122	[Kg]
Braking power	-	1.692	[Kw]


Circuit Data

- Length: **5.901 m**
- Number of laps: **52**
- Type of circuit: **Light**
- Number of brakings: **9**
- Pole 2009: **S. Vettel - Red Bull-Renault - 1'18"119**
- Time spent under braking per lap: **8%**
- Expected time spent under brake on 2010: **9%**


International Circuit

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	SEASON DATA		
	2009	FORECAST DATA 2010	
07			
Initial speed	-	158	[Km/h]
Final speed	-	108	[Km/h]
Stopping distance	-	29	[m]
Braking time	-	0,81	[sec]
Maximum deceleration	-	2,12	[g]
Maximum pedal load	-	58	[Kg]
Braking power	-	425	[Kw]

08			
Initial speed	-	304	[Km/h]
Final speed	-	116	[Km/h]
Stopping distance	-	108	[m]
Braking time	-	2,01	[sec]
Maximum deceleration	-	4,47	[g]
Maximum pedal load	-	129	[Kg]
Braking power	-	1.862	[Kw]

09			
Initial speed	171	172	[Km/h]
Final speed	137	132	[Km/h]
Stopping distance	22	27	[m]
Braking time	0,51	0,64	[sec]
Maximum deceleration	2,33	2,32	[g]
Maximum pedal load	56	62	[Kg]
Braking power	513	507	[Kw]