



Race Preview

2018 BRAZILIAN GRAND PRIX

09 – 11 November 2018



Formula One visits South America this weekend for the penultimate round of the 2018 FIA F1 championship, the Brazilian Grand Prix.

The Autódromo José Carlos Pace, more commonly referred to as Interlagos, the São Paulo suburb in which it is located, is a short, tight circuit, dipping and looping across a hillside, featuring many elevation changes and sections where one corner flows immediately into the next. It is one of the most 'handed' circuits on which F1 races, with only three right-handers and all the other corners going left. In the past, when an anti-clockwise circuit was a novelty, this was tough on drivers; in the modern era, it is more likely to cause mechanical problems, with fuel, oil and water potentially pooling away from their pumps.

The frequency of medium-speed corners puts a lot of lateral energy into the tyres. Wear rates, particularly at the rear of the car, tend to be high. With this in mind, Pirelli bring the medium, soft and supersoft compounds to Brazil. This selection was last used in Japan and is the hardest offering used in the second half of the season. Teams, nevertheless, will attempt to protect their rear tyres – though the steps they take to combat high rates of wear can create problems with front-locking – something exacerbated by the undulating nature of the circuit.

Lewis Hamilton and Sebastian Vettel are confirmed in first and second position in the Drivers' Championship, leaving the battle for third to hold the interest. Kimi Räikkönen (236), Valtteri Bottas (227) and Max Verstappen (216) are all in the running for this. In the Constructors' Championship, Mercedes (585) lead Ferrari (530) by 55 points, with a potential 86 points still available. Ferrari therefore need to outscore Mercedes by 13 points to take the battle on to Abu Dhabi.

AUTÓDROMO JOSÉ CARLOS PACE

Length of lap:

4.309km

Lap record:

1:11.044 (Max Verstappen, Red Bull Racing, 2017)

Start line/finish line offset:

0.030km

Total number of race laps:

71

Total race distance:

305.909km

Pitlane speed limits:

80km/h in practice, qualifying, and the race

CIRCUIT NOTES

- ▶ There is a new double kerb on the exit of Turn 4.

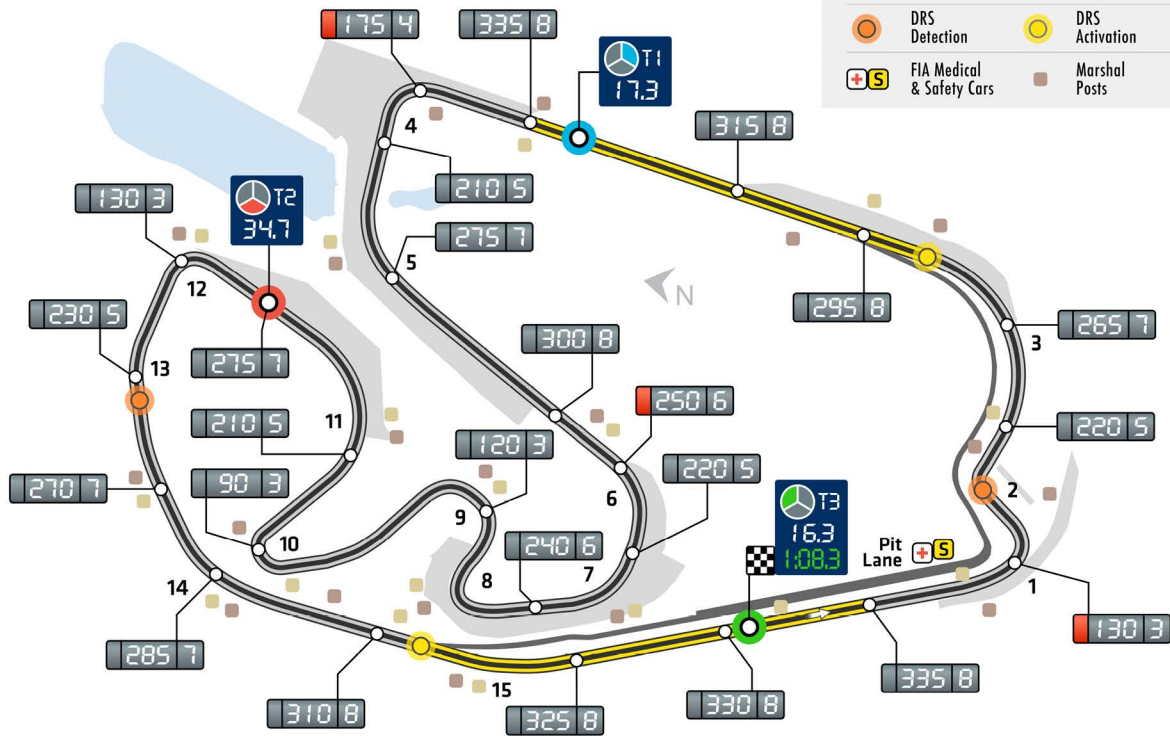
DRS ZONE

- ▶ There will be two DRS zones in Brazil. The first zone has a detection point at the apex of Turn 2 and activation 30m after Turn 3. The second zone has a detection point 30m after Turn 13 and activation 160m before Turn 15.

ROUND 20	BRAZILIAN GRAND PRIX	START TIME	15:10 Local - 17:10 GMT
RACE DATE:	11 NOV 2018	CIRCUIT LENGTH:	4.309KM
CIRCUIT NAME:	AUTÓDROMO JOSÉ CARLOS PACE	RACE DISTANCE:	305.909KM
NUMBER OF LAPS:	71	LAP RECORD:	1:11.044 M Verstappen [2017]

Note: Lap & Sector times, Speeds & Gears are based upon 2017 Qualifying data

KEY		Speed Kmh	Sector Time	Timing Sector	
Braking	130 3	Gear	T3	16.3	
			Lap Time	1:08.3	
●	Sector 1	●	Sector 2	●	Sector 3
—	Circuit	—	Start	—	Finish
○	DRS Detection	○	DRS Activation	—	Run-off Areas
+	FIA Medical & Safety Cars	+	Marshal Posts	+	Light Panels



FAST FACTS

- ▶ This is the 46th Formula One World Championship Brazilian Grand Prix. Of these, 10 have been held at Rio's Jacarepagua circuit (1978, 1981-1989) and the rest here at Interlagos.
- ▶ Interlagos hosted the race from 1973-1977, 1979-80 and from 1990-present day. The evolution of the circuit can be broadly split into two eras: the original track was 7.960km in length, modified slightly to 7.874km for 1979-1980. When the race returned in 1990, the first loop of the circuit was removed and the track shortened to 4.325km. Minor tweaks followed with the current 4.309km layout first used in 2000.
- ▶ Alain Prost is the most successful driver at the Brazilian Grand Prix with six victories. He won five times at Jacarepagua (1982, 1984, 1985, 1987, 1988) and at Interlagos in 1990. Michael Schumacher is the most successful driver at Interlagos with wins in 1994, 1995, 2000 and 2002.
- ▶ Sebastian Vettel this weekend could equal Schumacher's four Interlagos victories. The Ferrari driver has victories at this circuit in 2010, 2013 and last year. Kimi Räikkönen (2007) and Lewis Hamilton (2016) are the only other Interlagos winners in the current field.
- ▶ Four drivers in the field have become World Champions at Interlagos. Joining Räikkönen (2007), Hamilton (2008) and Vettel (2012), Fernando Alonso (2005, 2006) confirmed both of his titles at Interlagos. The only other driver to take the crown at this circuit was Jenson Button with fifth place in 2009.
- ▶ McLaren are the most successful team in Brazil – but not the most successful at Interlagos. They have 12 victories in Brazil, eight of which were scored at Interlagos. Ferrari have 11 wins overall but nine at Interlagos. McLaren's first win in Brazil came courtesy of Emerson Fittipaldi in 1974. Button's victory in 2012 is also McLaren's most recent F1 victory.
- ▶ Mercedes have the opportunity to clinch the Constructors' title this weekend. The Brazilian Grand Prix moved from an early-season date to a late-season berth in 2004. Since then the Constructors' title has been settled four times in Brazil. Renault took the title here in 2006, followed by Ferrari in 2008, Brawn in 2009 and Red Bull Racing in 2010.
- ▶ Interlagos has not proved to be a circuit where pole position is vital. The seven races on the longer circuit saw pole position win the race twice, while in modern times, from 28 races on the shorter circuit, the winner has started from pole on 12 occasions. Giancarlo Fisichella is the winner who started furthest back. The Jordan driver began a chaotic and truncated 2003 Brazilian Grand Prix in P8. Prost, in 1990 won from sixth and David Coulthard from fifth in 2001. However, these apart, the winners at the shorter Interlagos has always started on the front two rows.
- ▶ The two 2018 rookies in the field are both racing at Interlagos for the first time but both have already participated in Brazilian Grand Prix weekends. Charles Leclerc has appeared twice in FP1. The Monegasque drove for Haas in 2016, completing 27 laps and for Sauber last year, completing 32 laps. Sergey Sirotkin has likewise tested. The Russian appeared in FP1 for Renault in 2016, completing 10 laps.

RACE STEWARDS BIOGRAPHIES

TIM MAYER

FIA STEWARD, ORGANISER OF THE FIA WORLD CHAMPIONSHIPS IN THE USA

As the son of former McLaren founder Teddy Mayer, Tim Mayer grew up around motor sport. He organised IndyCar races internationally from 1992-98, aided the construction of several circuits, and produced international TV for multiple series. In 1998 he became CART's Senior VP for Racing Operations then in 2003, Mayer became COO of IMSA, operating multiple series at all levels, including the American Le Mans Series. In 2009 he left IMSA, working independently for several US series and focusing on coordinating US motorsports with the FIA. He was elected an Independent Director of ACCUS and US FIA Delegate, responsible for World Championship events in the US. He Stewards the FIA's F1, WEC and World RX championships as well as teaching and working on multiple commissions.



SILVIA BELLOT

MEMBER OF THE ROYAL SPANISH AUTOMOBILE FEDERATION BOARD OF DIRECTORS, FIA WOMEN IN MOTORSPORT COMMISSION MEMBER, F1, F2 AND GP3 STEWARD

Silvia Bellot began marshalling in 2001, when she was 16. In the years that followed she acted as a steward in a number of national and international series, including the European F3 Open, GT Open, BMW Europe, the Spanish Endurance Championship, DTM, World Series by Renault, the former FIA World Touring Car Championship and the FIA World Rally Championship. In 2009, she took part in the FIA trainee stewards' program for F1 and what was then GP2 (now F2). She made her first appearance as a Formula 1 steward at the 2011 Turkish GP and in 2012 was awarded the FIA's Outstanding Official prize. Away from the stewards' room she is a member of the FIA's Women in Motorsport Commission and also works closely with RACC, the Circuit de Catalunya and the Spanish federation in event organisation.



EMANUELE PIRRO

FORMER FORMULA ONE DRIVER AND FIVE-TIMES LE MANS WINNER. MEMBER OF THE FIA DRIVERS' COMMISSION

During a motor sport career spanning almost 40 years, Emanuele Pirro has achieved a huge amount of success, most notably in sportscar racing, with five Le Mans wins, victory at the Daytona 24 Hours and two wins at the Sebring 12 Hours. In addition, the Italian driver has won the German and Italian Touring Car championships (the latter twice) and has twice been American Le Mans Series Champion. Pirro, enjoyed a three-season F1 career from 1989 to 1991, firstly with Benetton and then for Scuderia Italia. His debut as an FIA Steward came at the 2010 Abu Dhabi Grand Prix and he has returned regularly since.



2018 FIA Formula One World Championship

DRIVERS' CHAMPIONSHIP STANDINGS

	AUSTRALIA	BAHRAIN	CHINA	AZERBAIJAN	SPAIN	MONACO	CANADA	FRANCE	AUSTRIA	GB	GERMANY	HUNGARY	BELGIUM	ITALY	SINGAPORE	RUSSIA	JAPAN	USA	MEXICO	BRAZIL	ABU DHABI	POINTS
1	L. HAMILTON	18 ₂	15 ₃	12 ₄	25 ₁	25 ₁	15 ₃	10 ₅	25 ₁	NC	18 ₂	25 ₁	25 ₁	18 ₂	25 ₁	25 ₁	25 ₁	15 ₃	12 ₄			358
2	S. VETTEL	25 ₁	25 ₁	4 ₈	12 ₄	12 ₄	18 ₂	25 ₁	10 ₅	15 ₃	25 ₁	NC	18 ₂	25 ₁	12 ₄	15 ₃	8 ₆	12 ₄	18 ₂			294
3	K. RÄIKKÖNEN	15 ₃	NC	15 ₃	18 ₂	NC	12 ₄	8 ₆	15 ₃	18 ₂	15 ₃	15 ₃	15 ₃	NC	18 ₂	10 ₅	12 ₄	10 ₅	25 ₁	15 ₃		236
4	V. BOTTAS	4 ₈	18 ₂	18 ₂	NC	18 ₂	10 ₅	18 ₂	6 ₇	NC	12 ₄	18 ₂	10 ₅	12 ₄	15 ₃	12 ₄	18 ₂	18 ₂	10 ₅	10 ₅		227
5	M. VERSTAPPEN	8 ₆	NC	10 ₅	NC	15 ₃	2 ₉	15 ₃	18 ₂	25 ₁	NC	12 ₄	NC	15 ₃	10 ₅	18 ₂	10 ₅	15 ₃	18 ₂	25 ₁		216
6	D. RICCIARDO	12 ₄	NC	25 ₁	NC	10 ₅	25 ₁	12 ₄	12 ₄	NC	10 ₅	NC	12 ₄	NC	NC	8 ₆	8 ₆	12 ₄	NC	NC		146
7	N. HÜLKENBERG	6 ₇	8 ₆	8 ₆	NC	NC	4 ₈	6 ₇	2 ₉	NC	8 ₆	10 ₅	12 ₄	NC	13 ₁₀	1 ₁₂	NC	8 ₆	8 ₆			69
8	S. PÉREZ	NC	16 ₁₂	12 ₃	15 ₂	2 ₉	12 ₁₄	NC	6 ₇	1 ₁₀	6 ₇	10 ₁₄	6 ₅	10 ₇	6 ₁₆	1 ₁₀	6 ₇	4 ₈	NC			57
9	K. MAGNUSSEN	NC	10 ₅	1 ₁₀	8 ₁₃	8 ₆	13 ₁₃	8 ₆	10 ₅	2 ₉	11 ₁₁	6 ₇	4 ₈	16 ₁₆	18 ₁₈	4 ₈	NC	DQ	15 ₁₅			53
10	F. ALONSO	10 ₅	6 ₇	6 ₇	6 ₇	4 ₈	NC	NC	4 ₈	4 ₈	16 ₁₆	4 ₈	NC	NC	6 ₇	14 ₁₄	14 ₁₄	NC	NC			50
11	E. OCON	12 ₁₂	1 ₁₀	NC	NC	8 ₆	2 ₉	NC	8 ₆	6 ₇	4 ₈	8 ₁₃	8 ₆	8 ₆	NC	2 ₉	2 ₉	DQ	11 ₁₁			49
12	C. SAINZ	1 ₁₀	NC	2 ₉	10 ₅	6 ₇	1 ₁₀	4 ₈	4 ₈	NC	12 ₁₂	2 ₉	4 ₁₁	4 ₈	4 ₈	1 ₁₇	6 ₁₀	NC				45
13	R. GROSJEAN	NC	13 ₁₃	17 ₁₇	NC	NC	15 ₁₅	12 ₁₂	11 ₁₁	4 ₁₂	NC	8 ₁₀	1 ₇	6 ₁₀	DQ	15 ₁₅	11 ₁₁	8 ₁₁	NC	16 ₁₆		31
14	P. GASLY	NC	12 ₄	18 ₁₈	12 ₁₂	NC	6 ₇	11 ₁₁	NC	11 ₁₁	13 ₁₃	14 ₁₄	8 ₆	2 ₉	14 ₁₄	13 ₁₃	NC	11 ₁₁	12 ₁₂	10 ₁₀		29
15	C. LECLERC	13 ₁₃	12 ₁₂	19 ₁₉	8 ₆	1 ₁₀	18 ₁₈	1 ₁₀	1 ₁₀	2 ₉	NC	15 ₁₅	NC	NC	11 ₁₁	2 ₉	6 ₇	NC	NC	7 ₇		27
16	S. VANDOORNE	2 ₉	4 ₈	13 ₁₃	2 ₉	NC	14 ₁₄	16 ₁₆	12 ₁₂	15 ₁₅	11 ₁₁	13 ₁₃	NC	15 ₁₅	12 ₁₂	12 ₁₂	16 ₁₆	15 ₁₅	11 ₁₁	8 ₈		12
17	M. ERICSSON	NC	2 ₉	16 ₁₆	11 ₁₁	13 ₁₃	11 ₁₁	15 ₁₅	13 ₁₃	10 ₁₀	NC	9 ₉	15 ₁₅	10 ₁₀	15 ₁₅	11 ₁₁	13 ₁₃	12 ₁₂	10 ₁₀	9 ₉		9
18	L. STROLL	14 ₁₄	14 ₁₄	14 ₁₄	4 ₈	11 ₁₁	17 ₁₇	NC	17 ₁₇	14 ₁₄	12 ₁₂	NC	17 ₁₇	13 ₁₃	2 ₉	14 ₁₄	15 ₁₅	17 ₁₇	14 ₁₄	12 ₁₂		6
19	B. HARTLEY	15 ₁₅	17 ₁₇	20 ₂₀	1 ₁₀	12 ₁₂	19 ₁₉	NC	14 ₁₄	NC	NC	10 ₁₀	11 ₁₁	14 ₁₄	NC	17 ₁₇	NC	13 ₁₃	2 ₉	14 ₁₄		4
20	S. SIROTKIN	NC	15 ₁₅	15 ₁₅	NC	14 ₁₄	16 ₁₆	17 ₁₇	15 ₁₅	13 ₁₃	14 ₁₄	NC	16 ₁₆	12 ₁₂	1 ₁₀	19 ₁₉	18 ₁₈	16 ₁₆	13 ₁₃	13 ₁₃		1

FORMULA ONE TIMETABLE & FIA MEDIA SCHEDULE

THURSDAY

Press conference 1100

FRIDAY

Practice session 1 1100-1230

Press conference 1300

Practice session 2 1500-1630

SATURDAY

Practice session 3 1200-1300

Qualifying 1500-1600

Followed by track interviews, press conference

SUNDAY

Drivers' Parade 1330

Race 1510

Followed by parc fermé interviews and press conference

ADDITIONAL MEDIA OPPORTUNITIES

QUALIFYING

All drivers eliminated in Q1 or Q2 will be available for media interviews immediately after the end of each session, as will drivers who participated in Q3, but who are not required for the post-qualifying press conference. The TV Pen is located in front of the entrance to the media centre.

RACE

Any driver retiring before the end of the race will be made available at the TV pen interview area. In addition, during the race every team will make available at least one senior spokesperson for interview by officially accredited TV crews. A list of those nominated will be made available in the media centre.

FIA COMMUNICATIONS DEPARTMENT

press@fia.com

T +33 1 43 12 58 15

