



Race Preview

2017 BRAZILIAN GRAND PRIX

10 – 12 November 2017



Formula One this weekend moves from North to South America for Round 19 of the 2017 FIA Formula One World Championship, the Brazilian Grand Prix. And the penultimate event of this campaign takes place at one of the sport's most venerable circuits, the Autódromo José Carlos Pace in Interlagos, São Paulo.

The Interlagos circuit made its calendar debut in 1973 and has been a fixture on the schedule since 1990, making it the eighth most visited venue in the history of the sport. And despite the current 4.309km layout being the second shortest by length after Monaco, Interlagos remains a testing venue for drivers and teams. Like the last round, in Mexico City, São Paulo's circuit is at altitude, though at only 800m compared with Mexico's 2,200m the effects are less pronounced. Nonetheless, there is a reduction in downforce and turbos will work harder in the thinner air. The steep rise and fall – for example, the 40m incline from Turn 12, Junção, to the braking point at Turn 1 – means it's tougher on combustion engines than many other circuits.

Arriving at the perfect set-up can be tricky as teams need to balance a desire for high levels of downforce in the tight and twisting infield section against the need to minimise drag on the straight between Turns 3, the Curva de Sol, and Turn 4, Descida do Lago, and especially on the long sweep from Turn 12 to Turn 1.

With Lewis Hamilton having sealed the Drivers' World Championship title in Mexico, and with Mercedes winning the Constructors' crown in the USA, Brazil's race, at the front of the pack, largely becomes a battle for weekend honours alone. Victory for Hamilton, with nine wins so far this year, would edge him closer to equalling his career record for victories in a single season of 11, scored in 2014. For Sebastian Vettel it would represent a third career Brazilian GP win, while for in-form Max Verstappen it would be a third victory in five races.

However, the Brazilian GP can be unpredictable, largely thanks to the often inclement weather. And with forecasts predicting mixed conditions, the weekend could yet spring many surprises.

AUTÓDROMO JOSÉ CARLOS PACE

Length of lap: 4.309km

Lap record: 1:11.473 (Juan Pablo Montoya, Williams, 2004)

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

- ▶ Additional grooving of the track has been carried out in places where water accumulated the most during last year's race.
- ▶ 'Sausage' kerb elements have been installed behind the existing kerbs on the apex of Turns 2, 4, 8 and 10.
- ▶ Additional tyre barriers have been installed in parts of the barriers at Turns 1, 6, 8 and 10.

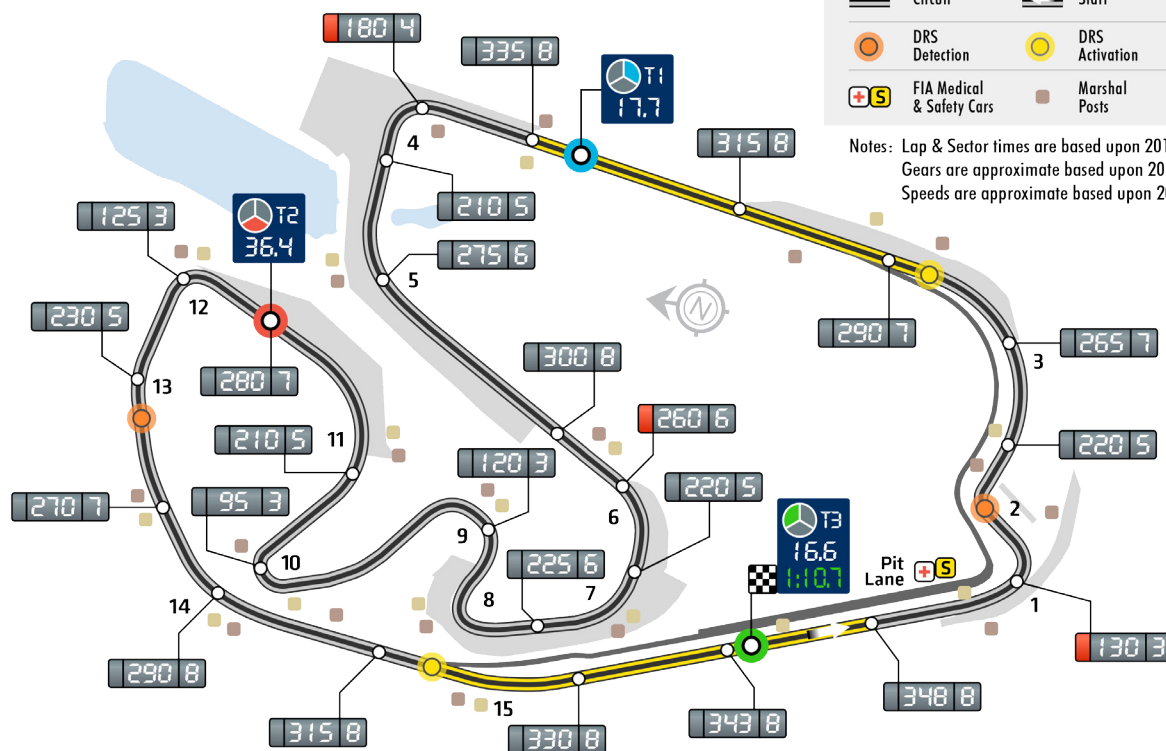
DRS ZONE

- ▶ There are two DRS zones at Interlagos. The first has a detection point at the apex of Turn Two, with activation 20m after Turn Three. The second zone has its detection point 30m after Turn 13, with an activation point 60m after Turn 15.

ROUND 19	BRAZILIAN GRAND PRIX	START TIME	14:00 Local - 16:00 GMT
RACE DATE:	12 NOV 2017	CIRCUIT LENGTH:	4.309KM
CIRCUIT NAME:	AUTÓDROMO JOSÉ CARLOS PACE	RACE DISTANCE:	305.909KM
NUMBER OF LAPS:	71	LAP RECORD:	1:11.473 J P Montoya [2004]

KEY			
Speed Kmh		Sector Time	Timing Sector
Braking	130 3	Gear	T3 16.6
			Lap Time 1:10.7
	Sector 1		Sector 2
			Sector 3
	Circuit		Start
	DRS Detection		DRS Activation
	FIA Medical & Safety Cars		Marshal Posts
			Light Panels
	Finish		Run-off Areas

Notes: Lap & Sector times are based upon 2016 Qualifying data
Gears are approximate based upon 2016 Qualifying data
Speeds are approximate based upon 2017 Simulation data



FAST FACTS

- This is the 45th Brazilian Grand Prix. The race has been of the F1 calendar annually since 1973. After five events in São Paulo, the race moved to Rio's Jacarepaguá circuit in 1978, returned to Interlagos in 1979 and 1980 before move to Rio between 1981-1989. The event returned to Interlagos in 1990 and has been held here since.
- Alain Prost is the most successful driver at the Brazilian Grand Prix with six wins (1982, 1984, 1985, 1987, 1988, 1990). All but the last of Prost's wins were scored at Jacarepaguá. The most successful driver at Interlagos is Michael Schumacher with four wins at the São Paulo track.
- McLaren are the most successful team with 12 wins. Ferrari are next on the list with 10 victories. The two teams, however, are tied on eight victories each at Interlagos.
- Four current drivers have won at Interlagos. Local hero Felipe Massa took his second career win at his home race in 2006 with Ferrari and he scored his most recent win here in 2008, again with the Italian team. Sebastian Vettel won here in 2010 and 2013 with Red Bull Racing. Kimi Räikkönen won in 2007 with Ferrari and Lewis Hamilton won last year with Mercedes.
- This will be Massa's 14th and final Brazilian Grand Prix. The São Paulo native last week announced that he will call time on his 15-year F1 career at the end of this season. This race is set to be Massa's 268th grand prix start. To date he has won 11 times, scored 41 podium finishes and has taken pole position 16 times.
- Just three drivers have taken a first career win in Brazil, with all being scored here at Interlagos: Brazil's Carlos Pace won for the first time and only time in 1975, driving for Brabham. Frenchman René Arnoux scored the first of seven career wins here in 1980 with Renault, while the most recent first-time winner is Italy's Giancarlo Fisichella in 2003, though due to confusion over the result in a chaotic, rain-shortened finish, he had to wait several days before being declared winner.
- Five drivers have visited the podium for the first time in Brazil: Jochen Mass (P3, 1975); Elio de Angelis (P2, 1980); Mauricio Gugelmin (P3, 1989); Damon Hill (P2, 1993), and Nick Heidfeld (P3, 2001). Heidfeld's 2001 podium was the beginning of his march to an F1 record he undoubtedly wishes he no longer held – that of driver with the most podium finishes without a win. Nick has 13.
- Nico Hulkenberg landed the one and only pole position of his career to date at Interlagos in 2010. Only two other drivers have secured a maiden pole position at the Brazilian GP: Ronnie Peterson (1973), and James Hunt (1976).
- Toro Rosso's Brendon Hartley arrives in Brazil fresh from winning his second FIA World Endurance Championship Drivers' title at the penultimate round of the series in Shanghai last weekend, alongside Porsche team-mates Earl Bamber and Timo Bernhard. Hartley has been on pole at Interlagos before, starting the 2014 WEC round here from the front of the grid.

RACE STEWARDS BIOGRAPHIES

PAUL GUTJAHR

PRESIDENT OF THE FIA HILL CLIMB COMMISSION, BOARD MEMBER AND PRESIDENT OF AUTO SPORT SUISSE SARL

Paul Gutjahr started racing in the late 1960s with Alfa Romeo, Lancia, Lotus and Porsche, then March in Formula 3. In the early '70s he became President of the Automobile Club Berne and organised numerous events. He acted as President of the organising committee of the Swiss GP at Dijon between 1980-82. Between 1980-2005 he acted as President of the Commission Sportive Nationale de l'Automobile Club de Suisse and in 2005 he became President and board member of the Auto Sport Suisse motor sports club. Gutjahr is President of the Alliance of European Hill Climb Organisers and has been steward at various high-level international competitions. He was the Formula 3000 Sporting Commissioner and has been a Formula One steward since 1995.



SILVIA BELLOT

MEMBER OF THE ROYAL SPANISH AUTOMOBILE FEDERATION BOARD OF DIRECTORS, FIA WOMEN IN MOTORSPORT COMMISSION MEMBER, F1, GP2, GP3 AND WTCC STEWARD

Silvia Bellot began marshalling in 2001, when she was 16. She has been a steward in a number of national and international series, including the, European F3 Open, GT Open, BMW Europe, Spanish Endurance Championship, DTM, World Series by Renault and the WRC. In 2009, she took part in the FIA trainee stewards' program for GP2 and F1. She made her first appearance as an F1 steward at the 2011 Turkish GP and last year was awarded the FIA's Outstanding Official prize. She is currently a steward in GP2, GP3, WTCC and F1. 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.



DEREK WARWICK

FORMER FORMULA ONE DRIVER AND WORLD SPORTSCAR CHAMPION

Derek Warwick raced in 146 grands prix from 1981 to 1993, appearing for Toleman, Renault, Brabham, Arrows and Lotus. He scored 71 points and achieved four podium finishes, with two fastest laps. He was World Sportscar Champion in 1992, driving for Peugeot. He also won Le Mans in the same year. He raced Jaguar sportscars in 1986 and 1991 and competed in the British Touring Car Championship between 1995 and 1998, as well as a further appearance at the Le Mans in 1996, driving for the Courage Competition team. Warwick is a frequent FIA driver steward and is President of the British Racing Drivers' Club.



DRIVERS' CHAMPIONSHIP STANDINGS

		AUSTRALIA	CHINA	BAHRAIN	RUSSIA	SPAIN	MONACO	CANADA	AZERBAIJAN	AUSTRIA	GB	HUNGARY	BELGIUM	ITALY	SINGAPORE	MALAYSIA	JAPAN	USA	MEXICO	BRAZIL	ABU DHABI	POINTS
1	L. HAMILTON	18 ₂	25 ₁	18 ₂	12 ₄	25 ₁	6 ₇	25 ₁	10 ₅	12 ₄	25 ₁	12 ₄	25 ₁	25 ₁	25 ₁	18 ₂	25 ₁	25 ₁	2 ₉			333
2	S. VETTEL	25 ₁	18 ₂	25 ₁	18 ₂	18 ₂	25 ₁	12 ₄	12 ₄	18 ₂	6 ₇	25 ₁	18 ₂	15 ₃		12 ₄		18 ₂	12 ₄			277
3	V. BOTTAS	15 ₃	8 ₆	15 ₃	25 ₁		12 ₄	18 ₂	18 ₂	25 ₁	18 ₂	15 ₃	10 ₅	18 ₂	15 ₃	10 ₅	12 ₄	10 ₅	18 ₂			262
4	D. RICCIARDO		12 ₄	10 ₅		15 ₃	15 ₃	15 ₃	25 ₁	15 ₃	10 ₅		15 ₃	12 ₄	18 ₂	15 ₃	15 ₃					192
5	K. RÄIKKÖNEN	12 ₄	10 ₅	12 ₄	15 ₃		18 ₂	6 ₇		10 ₅	15 ₃	18 ₂	12 ₄	10 ₅			10 ₅	15 ₃	15 ₃			178
6	M. VERSTAPPEN	10 ₅	15 ₃		10 ₅		10 ₅				12 ₄	10 ₅		1 ₁₀		25 ₁	18 ₂	12 ₄	25 ₁			148
7	S. PÉREZ	6 ₇	2 ₉	6 ₇	8 ₆	12 ₄		10 ₅		6 ₇	2 ₉	4 ₈		2 ₉	10 ₅	8 ₆	6 ₇	4 ₈	6 ₇			92
8	E. OCON	1 ₁₀	1 ₁₀	1 ₁₀	6 ₇	10 ₅		8 ₆	8 ₆	4 ₈	4 ₈	2 ₉	2 ₉	8 ₆	1 ₁₀	1 ₁₀	8 ₆	8 ₆	10 ₅			83
9	C. SAINZ	4 ₈	6 ₇		1 ₁₀	6 ₇	8 ₆		4 ₈			6 ₇	1 ₁₀		12 ₄			6 ₇				54
10	L. STROLL							2 ₉	15 ₃	1 ₁₀				6 ₇	4 ₈	4 ₈			8 ₆			40
11	F. MASSA	8 ₆		8 ₆	2 ₉		2 ₉			2 ₉	1 ₁₀		4 ₈	4 ₈		2 ₉	1 ₁₀	2 ₉				36
12	N. HÜLKENBERG			2 ₉	4 ₈	8 ₆		4 ₈			8 ₆		8 ₆									34
13	R. GROSJEAN			4 ₈		1 ₁₀	4 ₈	1 ₁₀		8 ₆			6 ₇		2 ₉		2 ₉					28
14	K. MAGNUSSEN		4 ₈				1 ₁₀		6 ₇								4 ₈		4 ₈			19
15	S. VANDOORNE											1 ₁₀			6 ₇	6 ₇						13
16	F. ALONSO			14 ₁₃		12 ₄			2 ₉			8 ₆					11 ₁₀	11 ₁₀	1 ₁₀			11
17	J. PALMER		13 ₁₂	13 ₁₂		15 ₃	11 ₁₀	11 ₁₀		11 ₁₀		12 ₄	13 ₁₂		8 ₆	15 ₃	12 ₄					8
18	P. WEHRLEIN			11 ₁₀	16 ₁₅	4 ₈		15 ₃	1 ₁₀	14 ₁₃	17 ₁₆	15 ₃		16 ₁₅	12 ₄	17 ₁₆	15 ₃		14 ₁₃			5
19	D. KVIYAT	2 ₉		12 ₄	12 ₄	2 ₉	14 ₁₃			16 ₁₅	15 ₃	11 ₁₀	12 ₄	12 ₄				1 ₁₀				5
20	M. ERICSSON		15 ₁₄		15 ₃	11 ₁₀		13 ₁₂	11 ₁₀	15 ₃	14 ₁₃	16 ₁₅	16 ₁₅	18 ₂		18 ₂		15 ₃				0
21	A. GIOVINAZZI	12 ₄																				0
22	P. GASLY															14 ₁₃	13 ₁₂		13 ₁₂			0
23	B. HARTLEY																	13 ₁₂				0
24	J. BUTTON																					0
25	P. DI RESTA																					0

CONSTRUCTORS' CHAMPIONSHIP STANDINGS

		AUSTRALIA	CHINA	BAHRAIN	RUSSIA	SPAIN	MONACO	CANADA	AZERBAIJAN	AUSTRIA	GB	HUNGARY	BELGIUM	ITALY	SINGAPORE	MALAYSIA	JAPAN	USA	MEXICO	BRAZIL	ABU DHABI	POINTS
1	MERCEDES AMG PETRONAS F1 TEAM	33 2 3	33 1 6	33 2 3	37 1 4	25 1 NC	18 4 7	43 1 2	28 2 5	37 1 4	43 1 2	27 3 4	35 1 5	43 1 2	40 1 3	28 2 5	37 1 4	35 1 5	20 2 9			595
2	SCUDERIA FERRARI	37 1 4	28 2 5	37 1 4	33 2 3	18 2 NC	43 1 2	18 4 7	12 4 14	28 2 5	21 3 7	43 1 2	30 2 4	25 3 5	 NC NC	12 4 NC	10 5 NC	33 2 3	27 3 4			455
3	RED BULL RACING	10 5 NC	27 3 4	10 5 NC	10 5 NC	15 3 NC	25 3 5	15 3 NC	25 1 NC	15 3 NC	22 4 5	10 5 NC	15 3 NC	13 4 10	18 2 NC	40 1 3	33 2 3	12 4 NC	25 1 NC			340
4	SAHARA FORCE INDIA F1 TEAM	7 7 10	3 9 10	7 7 10	14 6 7	22 4 5	 12 13	18 5 6	8 6 NC	10 7 8	6 8 9	6 8 9	2 9 17	10 6 9	11 5 10	9 6 10	14 6 7	12 6 8	16 5 7			175
5	WILLIAMS MARTINI RACING	8 6 NC	 14 NC	8 6 NC	2 9 11	 13 16	2 9 15	2 9 NC	15 3 NC	3 9 10	1 10 16	 14 NC	4 8 11	10 7 8	4 8 11	6 8 9	1 10 NC	2 9 11	8 6 11			76
6	SCUDERIA TORO ROSSO	6 8 9	6 7 NC	 12 NC	1 10 12	8 7 9	8 6 14	 NC NC	4 8 NC	 16 NC	 15 NC	6 7 11	1 10 12	 12 14	12 4 NC	 14 NC	 13 NC	1 10 13	 13 NC			53
7	RENAULT SPORT F1 TEAM	 11 NC	 12 13	 9 13	4 8 NC	8 6 15	 11 NC	4 8 11	 NC NC	 11 13	8 6 NC	 12 17	8 6 13	 13 NC	8 6 NC	15 15 16	12 12 NC	7 7 NC	NC NC NC			48
8	HAAS F1 TEAM	 NC NC	4 8 11	4 8 NC	 13 NC	1 10 14	5 8 10	1 10 12	6 7 13	8 6 NC	 12 13	 13 NC	6 7 15	 11 15	2 9 NC	 12 13	6 8 9	 14 16	4 8 15			47
9	McLAREN HONDA	 13 NC	 NC NC	 14 NC	 14 NC	 12 NC	 NC NC	 14 16	2 9 12	 12 NC	 11 NC	9 6 10	 14 NC	 17 NC	6 7 NC	6 7 11	 11 14	 12 NC	1 10 12			24
10	SAUBER F1 TEAM	 12 NC	 15 NC	 11 NC	 15 16	4 8 11	 NC NC	 13 15	1 10 11	 14 15	 14 17	 15 16	 16 NC	 16 18	 12 NC	 17 18	 15 NC	 15 NC	 14 NC			5

FORMULA ONE TIMETABLE & FIA MEDIA SCHEDULE

THURSDAY

Press conference 1100

FRIDAY

Practice session 1 1000-1130

Practice session 2 1400-1530

Press conference 1600

SATURDAY

Practice session 3 1100-1200

Qualifying 1400-1500

Followed by unilateral and press conference

SUNDAY

Drivers' Parade 1230

Race 1400

Followed by podium 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 location of the TV Pen will be posted on the media centre noticeboard.

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

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