

FORMULA 1 GRAN PREMIO DE ESPANA PIRELLI

MAY 13 - MAY 15, 2016

Weather Portrait for the Barcelona area



GENERAL INFORMATION

Located on the Mediterranean coast, Spain's second largest city Barcelona is one of the top tourist destinations in Europe, offering a rich history and some world-class architectural works. Moreover, this city is a hub of economic activity and one of the most important metropolitan areas in the European Union.

The race circuit, known as the Circuit de Barcelona-Catalunya, is located a few kilometres to the northwest of the city near the small town of Montmeló and was built as part of the developments for the 1992 Olympic Games. The first Grand Prix there took place in 1991.

CLIMATE OF BARCELONA

The Barcelona area enjoys a very mild Mediterranean climate with very warm and dry summers and often mild but humid winters. Due to its close proximity to the Mediterranean Sea, extremely hot and cold days are rare. Observing frost is a very rare occurrence close to the sea shore, though it can occasionally become quite cool further inland where the race track is located.

While mean yearly rainfall amounts are similar to cities such as London or Berlin, there is a distinct rainfall peak during autumn while the months of June and July are the driest on average. Mean sea temperatures typically vary from around 13 degrees Celsius in February to 25 degrees Celsius in August.

CLIMATE INFORMATION FOR MAY

May is typically fairly warm with average daytime highs of 22 to 23 degrees Celsius and overnight lows around 13 degrees Celsius, though within the more densely populated central parts of the city warmer lows of closer to 16 degrees Celsius are more common.

Rain can be expected on about 7 to 8 days in a typical May, sometimes accompanied by thunderstorms. Temperatures have been as high as 31 degrees Celsius and as low as 6 degrees Celsius in recent years, though values as low as 3 to 4 degrees Celsius have been observed in more rural areas further inland. The total sunshine duration is about 260 hours throughout the entire month, averaging about 8 hours of sunlight per day.



DETAILED CLIMATE INFORMATION

	April	May	June	Year
Average high (deg C)	19.1	22.5	26.1	21.2
Record high (deg C)	27.7	31.6	35.8	38.2
Average low (deg C)	12.5	16.1	19.8	15.1
Record low (deg C)	6.2	6.3	12.4	-1.0
Average precipitation (mm)	48	47	25	565
Average number of days with at least 1.0 mm rainfall	8	7	5	77
Average relative humidity (%)	69	70	68	69
Average sunshine (hours)	239	258	287	2,591

Sources: Agencia Estatal de Meteorología (AEMET) (Note: Averages and extremes are for Barcelona Can Bruixa, located in the city centre and Barcelona Airport close to the sea shore; values can be slightly different – especially for temperature – at the more rural and inland circuit location)

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