

# CHINESE GRAND PRIX

17 APRIL 2016

## Weather Portrait for the Shanghai Area



### GENERAL INFORMATION

The bustling city of Shanghai, the financial and industrial center of China and one of the largest cities in the world, will be the venue for the third Formula 1 Grand Prix of the 2016 season. The race will take place on the 5.4 km long Shanghai International Circuit located in the northwestern region of the metropolitan area.

### CLIMATE OF SHANGHAI

The Shanghai metro area is located close to the coast, which meets the

East China Sea and near the mouth of the Yangtze River and has a fairly humid, subtropical climate. Although there are four distinct seasons, winters tend to be rather mild with just a few days of falling snow, while summers tend to be long, hot and humid. Winters are normally relatively dry, while spring and summer can bring heavy and frequent rainfall. On average measurable amounts of rainfall can be expected 121 days a year.

Tropical storms or typhoons can impact the area, mostly during late

summer, though most systems tend to be weakening by the time they make landfall. The record high was observed during an intense heatwave in August 2013 when 40.6 degrees Celsius was reported from a weather station in the city center. The record low temperature was recorded in January 1977 when the mercury fell to -10.0 degrees Celsius.

### CLIMATE INFORMATION FOR APRIL

On average, April is a fairly comfortable month with a mean daytime high of 19–20 degrees Celsius and

mean overnight lows of 12 degrees Celsius. On average rain is recorded on 11 of the 30 days in April, although individual rain events are usually not very intense or long-lasting. There are around 148 hours of bright sunshine, which is less than 40% of the theoretically possible maximum hours of sunshine, reflecting the often cloudy and humid conditions. Apart from dense cloud, thick haze or smog can sometimes be an issue in stagnant air. While hot and humid days are rare, extreme high temperatures of up to 34 degrees Celsius have been recorded in the past.



## DETAILED CLIMATE INFORMATION

	March	April	May	Year
<b>Average high</b> (°C)	13.8	19.5	24.8	20.6
<b>Record high</b> (°C)	29.6	34.3	35.5	40.6
<b>Average low</b> (°C)	6.9	11.9	17.3	14.1
<b>Record low</b> (°C)	-5.4	-0.5	6.9	-10.1
<b>Average precipitation</b> (mm)	93.8	74.2	84.5	1,166
<b>Average number of days with at least 1.0 mm rainfall</b>	12.4	11.2	10.4	120.8
<b>Average relative humidity</b> (%)	73	72	72	74
<b>Average sunshine</b> (hours)	128.5	148.5	169.8	1,775.8

Source: China Meteorological Administration (temperature, rainfall and sunshine averages from 20-year-period 1991-2010, extreme values from 1951 to present)

UBIMET is one of the world's leading weather service providers offering high-precision weather forecasts and severe weather

warnings. With meteorological data, forecasts and alerts UBIMET enables companies from all sectors to increase safety and efficiency.

Want to know more?

Your contact:

**UBIMET GmbH**  
 T +43 1 263 11 22 0  
 E info@ubimet.com  
 www.ubimet.com