

## Air quality

### City of Moscow

On 18 August 2010, air quality monitoring indicated the following range of concentrations of air pollutants:

- Particulate matter – from 0.12 to 0.64 mg/m<sup>3</sup>
- Nitrogen dioxide – from 0.02 to 0.2 mg/m<sup>3</sup>
- Carbon monoxide – from 0.4 to 4.5 mg/m<sup>3</sup>
- Sulfur dioxide – from 0.001 to 0.053 mg/m<sup>3</sup>

The maximum allowable concentrations (MACs) of the above pollutants were reported as having been exceeded during morning hours only in two administrative districts: 0.64 mg/m<sup>3</sup> of particulate matter (1.28 times MAC) in the Eastern district and 0.21 mg/m<sup>3</sup> of nitrogen dioxide (1.05 times MAC) in the South-Eastern district.

MACs of monitored substances were not exceeded during the day time in any administrative district.

### Moscow Region

On 18 August 2010, laboratory evaluation of atmospheric air showed that the MAC for carbon monoxide was exceeded at 07:00 just in two settlements: Shatura (up to 2.36 times MAC) and Ryazanovsky in Yegoryevsky District (up to 1.1 times MAC).

Laboratory evaluation of atmospheric air on 18 August 2010 at 13:00 showed no instances of MACs of hazardous substances being exceeded in the atmospheric air at the monitoring sites.

According to data from the headquarters of the Russian Emergencies Ministry, in the Moscow Region as of 14:00 on 18 August 2010 there were 13 active fire sites reported, covering a total area of about 16.6 hectares.

Both the number and location of individuals affected by fires remain the same.

Source: Press Center of the Russian Agency for Consumer Rights and Human Well-Being

[http://www.rospotrebnadzor.ru/press\\_center/press/35056](http://www.rospotrebnadzor.ru/press_center/press/35056)

## **Status of wildfires in the Russian Federation as of 06:00 on 18 August 2010**

Over the course of the day, **230** fires broke out and **257** were extinguished; **410** sites, covering a total area of **20 364.6** hectares, continue to burn, of which **218** sites over a total area of **11 386.3** hectares have been contained. There are **22** significant active sites of fire over an area of **10 637.9** hectares.

Altogether, from the beginning of the 2010 fire risk season, **28 180** wildfires have broken out in the Russian Federation, covering a total area of **879 443** hectares, including **1 138** sites of peat fires covering a total area of **2 068.0** hectares.

A total of **166 120** individuals and **26 572** units of machinery (including **49** aircraft) have been involved in extinguishing wildfires; **129 171** people and **19 341** units of machinery (including **22** aircraft) have been provided by the Russian Emergencies Ministry.

Foreign countries have dispatched **461** people and **87** units of machinery to assist in extinguishing the wildfires.

Source: Russian Federation Ministry for Civil Defense, Emergencies and Disaster Relief

<http://www.mchs.gov.ru/emergency/detail.php?ID=44357&>

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