



Belgrade, 20 April 2010 at 22.00

As national meteorological and hydrological service, Republic Hydrometeorological Service of Serbia (RHMSS) is continually monitoring information related to the movement of ash cloud of volcanic origin that has caused serious disturbance of air traffic over major part of Europe.

Besides usual forecasting charts and satellite images, we also have available forecasting products of British Meteorological Service that is one of authorized and internationally responsible advisory institutions for air traffic safety for the area of eastern Atlantic and Europe (www.metoffice.gov.uk/aviation/vaac/).

Until the end of the day, peripheral part of the volcanic ash „cloud“ (not visible without instruments) will cover Vojvodina and a part of western Serbia and, during the night, it will spread above almost whole Serbia. Only the far southeast will remain outside this zone.

RHMSS has introduced **experimentally** in operative work the numerical model DREAM for the forecasting of the transport, transformation and deposition of volcanic ash. We emphasize that we shall continue to issue official forecasting of the movement on the basis of forecasting material from British Met Office, internationally authorized and responsible advisory institution.

The last measuring of physical-chemical properties of precipitation indicate that pH values are within the usual range and somewhat lower on certain locations. On the territory of the Republic of Serbia acid rains make for 20-30%.

Current measurings of the state of air pollution on the territory of the Republic of Serbia indicate that the concentration value of particle matter is in the usual range.

RHMSS will continue to take samples of the precipitation and to make physical-chemical analyses and to make reports on obtained results.