

The information on the wind atlas of Kazakhstan.

The wind atlas of Kazakhstan represents of wind maps of long-term wind speed distribution around of territory of the Republic Kazakhstan, administrative maps of Republic Kazakhstan and maps of power infrastructure of the Republic of Kazakhstan.

The wind map represents a distribution of long-term wind speed at height of 80 meters according to a scale of the wind speed. The resolution of the wind map of whole territory of Kazakhstan is 9 km. There is a number of selected areas of Kazakhstan with the resolution of 100 meters.

Degree of the wind map resolution represents a size of square plot for which one value of wind speed is defined.

The cartographical information is presented in a pdf format. It is supposed that the information of the wind atlas will be updated and extended further.

The wind atlas of Kazakhstan is prepared in a frame of joint project UNDP/GEF and the Ministry of Energy and Mineral resources of the Republic of Kazakhstan «Kazakhstan - wind power market development initiative » by support of the companies «PB Power» and «Windlab Systems» (Australia).

*The wind speed scale is represented within wind maps.

The relation between categories of wind and wind speed is represented in the table below.

Category of wind	Poor	Ordinary	Good	Very Good	Exceptional
Value of long-term wind speed, m/s	< 6	6 - < 7	7 - < 8	8 - < 9	> 9