**Part 1 of Assignment**



The graphic is selected from <http://www.cma.gov.cn>. It can be seen that from October 8th to 9th, there will be small to moderate rain or showers in Northwest, Northeast and South China, heavy rain and rainstorm (100-160 mm) in Zhejiang, Fujian, Guangdong and Taiwan.

As shown in the graphic, contour plots which show continuous attributes measured on a spatial grid are used to display the rainfall with shape preservation, exact area correspondence and topology preservation. The graphic uses right color scales to indicate relative quantity thus it is easily to group data at a glance. There are also some marks to show precipitation center values of regions which can present statics more exactly.

However, the rain and snow weather is not shown clearly in the graphic by shadows as these regions are too small. There are just names of provincial capitals which can not indicate the regions and provinces directly. Moreover, the marks of precipitation center values are incomplete and signs of wind power intensity are not defined. It also seems that in white areas there will be totally no rain which is impossible.