

For Release
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Sunspots! How do these affect our weather? If a curve of the variation of the number of sunspots is compared with a curve of the earth's temperature, it becomes quite obvious that sunspots do have some relation to our temperatures. The effect is small, however. The way in which sunspots do affect terrestrial weather is by altering the amount of radiation sent out by the sun. In general, the more spots, the lower is the earth's temperature. Sunspots appear to be whirling storms in the outer layers of the sun's gaseous mass. The hot interior gases rise. As they do so their pressure is reduced and they are cooled. Thus the sunspot is dark compared with adjacent parts of the sun's surface.
