

For release By Major A.H. Thiessen
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Measuring the wind! The motion of the air is said to be the chief element in the general structure of the atmosphere. The direction and speed of wind may be either observed or recorded extremely well by weather vanes and their attachments. But the difficulty is in getting a good exposure. One places the vane and speed recorder on a structure and that very structure may modify the wind elements so much that the free air conditions are not obtained. Probably the best exposure is on top of a very slender steeple, but this is too far away from the surface and besides is difficult to get at to keep in repair. Our weather stations at airports have less trouble in this respect than those in cities.
