

For release            By Major A.H. Thiessen  
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Air fields and winds! It is safer to select air fields so that the winds may blow freely over them. The disturbances caused by the Rock of Gibraltar were violent and dangerous in the air field built nearby. The influences of the Rock were studied by making a miniature duplicate of that with the field, attaching silk fibers all over the surfaces. This model was placed in a wind tunnel and the turbulences noted. Splendid agreements were found by releasing from the field itself 138 balloons and following their aerial paths with an instrument. It was found that some vertical currents had speed of 17 miles an hour, and that the down currents were more violent and frequent than the up-currents.

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