

For release
March 29, 1941

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Surface sounds and the balloonist! A man in a balloon may hear the echo from his own voice when he is unable to make himself heard to the people at the surface. He also hears people on the ground when he can not make himself heard. These phenomena are due to three conditions: Voices at the ground start with dense air and therefore with much initial energy; the man in a balloon is in a region of quiet, he can therefore hear more readily than those at the surface can due to other noises; ground voices are intensified by many reflections while the voice of the balloon man is not reinforced at all.
