

For Release  
Dec. 3, 1938

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Composition of the atmosphere! This has always been an important and interesting subject. The lower air, that is the air from the surface up to about 7.5 miles, has a very constant composition, being churned by the wind and vertical currents. But in the upper air, since it has very feeble vertical currents, or none at all, the composition is believed to be different from that of the lower air. It was formerly believed to be composed mostly of the lighter gas constituents, and at the extreme top of nothing but hydrogen. The spectroscope, however, reveals the presence of both oxygen and nitrogen (both heavy gases) in the upper levels.

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