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increase by an estimated 14 parts per million across 55 years every 7 000 years or so now vocabulary we live at the bottom of an invisible ocean called the atmosphere a layer of gases surrounding our planet nitrogen and oxygen account for 99 percent of the gases in dry air with argon carbon dioxide helium neon and other gases making up minute port ions water vapor and dust are also part of earth s atmosphere carbon dioxide is increasing in the atmosphere 10 times faster than it has in the last 50 000 years according to a new study led by researchers from university of st andrews and oregon state

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the exosphere is the outermost layer of the earth s atmosphere where most satellites orbit the exosphere denotes the end of our atmosphere and the beginning of outer space though there is not a definitive top altitude where the exosphere ends it s kind of like the air molecules are leaking out of the earth s atmosphere said ueyama

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the study of earth s atmosphere and its processes is called atmospheric science aerology and includes multiple subfields such as climatology and atmospheric physics early pioneers in the field include léon teisserenc de bort and richard assmann the study of historic atmosphere is called paleoclimatology

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atmosphere one of the main components of earth s interdependent physical systems is the atmosphere an atmosphere is made of the layers of gases surrounding a planet or other celestial body earth s atmosphere is composed of about 78 nitrogen 21 oxygen and one percent other gases these gases are found in atmospheric layers

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