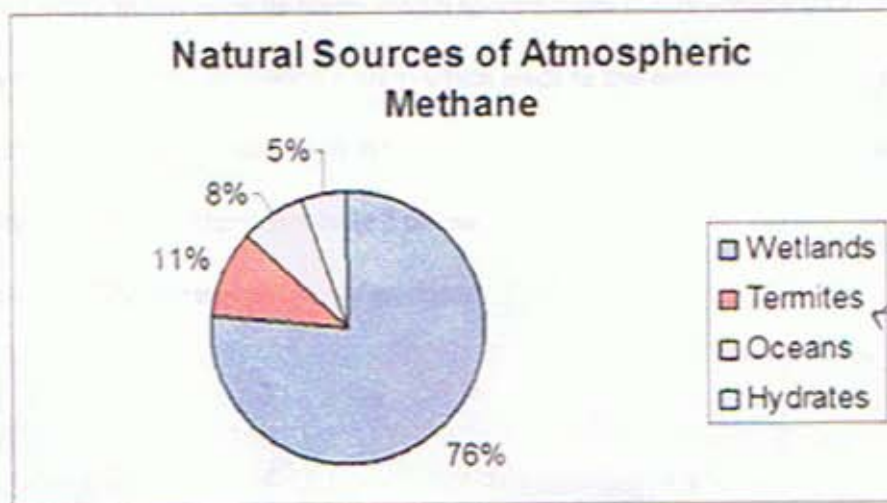


Petrochemical Production	1.2	1.6	1.7	1.7	1.7	1.4	1.5	1.5
Iron and Steel	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0
Agricultural Residue Burning	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.8
Total for U.S.	605.3	579.5	569.3	557.3	554.2	546.7	542.3	544.9

Source: [US Emissions Inventory 2005: Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2003](#) (4)

Natural resources of methane include, wetlands, gas hydrates, permafrost, termites, oceans, fresh water bodies, non-wetland soil and other sources such as wild fires.



Source: Prepared from data contained in [IPCC, 2001c](#) (4)

While in the atmosphere, methane has been found in both the troposphere and the stratosphere. In addition to inducing climate warming on its own, this gas undergoes important chemical reactions in both spheres which lead to additional affects on climate warming. In the troposphere, there are strong interactions between methane and hydroxide, which produce an o zone. Additionally, in the stratosphere, its reaction with the hydroxide produces water vapor. Both troposphere o zone and the stratospheric water vapor are green house gases, thereby bringing additional global warming.