

TOEFL Integrated Sample Essay – Trans Lunar Phenomenon

The reading and lectures are both related to the transient lunar phenomenon or TLP. In the three reading passages, the author has tried to explain how the transient lunar phenomenon is a result of trivial color changes emitted by gas from the moon. The lecturer is not convinced by the three reading explanations and considers them improbable.

To commence, the author has stated that the color change in the moon is caused by gases emitted into the surface of the atmosphere. Following this, certain arguments have been thrown that TLPs are noticed around craters from which the gas can escape. But the lecturer disapproves of this and claims that it is just a coincidence that the TLPs are found near the craters. Additionally, the lecturer stated that once NASA detected smoke near a crater but the amount was almost negligible.

Secondly, the author detects that the TLPs can also be smokes of dust towering over the surface of the moon. This dust is observed to reflect light, which further creates the phenomenon. The lecturer in this regard stated to be witnessed from the Earth, the dust clouds need to be huge. However, there has been no proof of massive dust clouds being found on the moon.

Thirdly, the author has stated that TLPs can also be a consequence of solar radiation. The article further details the fact the magnetic storms which occur near the sun often produce illumination on the lunar landscape. In this context, the lecturer challenges that TLPs have not been noticed the times there were solar flares. And this further concludes that there is no connection between these two occurrences.