

# The Humming Earth

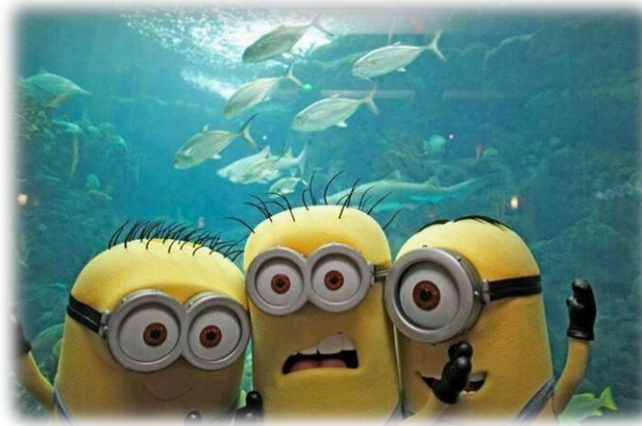
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First the article, then The Committee's explanation.

<https://www.cbsnews.com/news/earth-hum-recorded-underwater/>

## Earth's mysterious hum recorded underwater for 1<sup>st</sup> time

By MINDY WEISBERGER LIVESCIENCE.COM December 12, 2017, 4:21 PM



Far from the blaring cacophony of cities, towns and suburbs, there are far quieter soundtracks to be found -- the murmurs of wind rustling grasses, rushing waves tumbling onto beaches, the creaking of tree branches and trunks.

But underneath all that is yet another soundscape, a permanent, low-frequency drone produced by Earth itself, from the vibrations of ongoing, subtle seismic movements that are not earthquakes and are too small to be detected without special equipment.

Earth is "humming." You can't hear it, but it's ongoing. And now scientists have measured that persistent hum from the ocean floor, for the first time.

Most of the movements in the ground under our feet aren't dramatic enough for people to feel them. Earthquakes, of course, are the big exception, but Earth undergoes far more earthquakes globally than you might suspect -- an estimated 500,000 per year, according to the U.S. Geological Survey (USGS). Of those, 100,000 are strong enough to be felt, and about 100 of those are powerful enough to cause damage.

But even in the quiet periods between earthquakes, there's a whole lot of shaking going on.

Since the 1990s, researchers have known that Earth is constantly vibrating with microseismic activity, known as "free oscillation," scientists reported in a new study describing new recordings of the phenomenon. Free oscillation creates a hum that can be detected anywhere on land by seismometers -- equipment used to detect and record vibrations.

For years, the source of this perpetual humming stymied researchers, with some suggesting that the rhythmic ebb and flow of ocean waves that reached all the way down to the seafloor were responsible, while others attributed the vibration to collisions between ocean waves. Then, in 2015, scientists determined that both types of ocean movement played a part in keeping Earth vibrating, Live Science previously reported.

While seismologists have recorded and measured Earth's hum on land, they had yet to capture evidence of the planet's sonic stylings from the ocean depths -- until now.

Recently, scientists traveled to the seafloor in the Indian Ocean to capture the humming sound, using special spherical ocean seismometers. Between September 2012 and November 2013, the researchers deployed 57 free-fall seismometers around La Réunion Island to the east of Madagascar, over an area measuring about 772 square miles, they wrote in the study.

Using filters, noise reduction and calculations, they isolated the hum from normal ocean noise levels generated by ocean wave motion and seafloor currents, and found "very clear peaks" that appeared

consistently over the 11-month study period, and which appeared in the same amplitude range as measurements of the humming taken on land in Algeria, the scientists reported. They noted that the peaks occurred at several frequencies between 2.9 and 4.5 millihertz -- about 10,000 times lower than the human hearing threshold, which is 20 hertz.

Capturing ocean recordings of Earth's hum will provide scientists with far more data than is currently available from readings taken on land, contributing to efforts to map the planet's interior, the researchers wrote in the study.

The findings were published online Nov. 27 in the journal *Geophysical Research Letters*.

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*Q: Esteemed Committee, is this recorded hum the result of seismic activity?*

C: Yes and no; seismic activity, meaning the effect of or movement of Earth relative to the surface objects and inhabitants and surrounding material, is not the direct cause. The movement of Earth is caused by Earth's electromagnetic field, or magnetosphere.

This humming is no different than the buzz heard from a transformer, at sixty cycles per human second, or 60 hertz.

*Q: There is seismic movement involved?*

C: Yes, it is a result, or a by-product, of two things; Earth's liquid center and the magnetosphere.

*Q: Please expand.*

C: As we have explained before, Earth's core is liquid, what humans call molten because of the temperatures relative to the surface. The heavy steel and iron content, principally steel, interacts with the sun's magnetic field or solar wind through Earth's own magnetism. This causes movement of the liquid, precisely the way magnetic attraction of ferrous metals occurs whether they are solid or liquid on the surface. The convulsions which result throughout the harder and solid materials above the liquid core are one source of the hum. The other and principal source is the magnetic frequency or oscillation.

*Q: It's a very low frequency.*

C: Earth is large.

*Q: Yeah, we can't get any high notes out of a football field sized tuba.*

C: But you can attempt it and have fun.

*Q: The attempt is the construction of a tuba that large.*

C: Where there is will, there is way.

*Q: You understand us humans.*

C: We are you, but without the body. You are us, but temporarily with a physical body. That is not such a great difference, large as that seems while you are in the body.

*Q: Are the words "Hunan" (the province and its cuisine, in China) and "human" related?*

C: Two variations of the same term.

*Q: Does the word originate away from Earth?*

C: No, it originates in the Lemuria civilization, or epoch as we like to say, to be consistent with current Earth time nomenclature.

*Q: Does the word "man" come from "human"?*

C: Yes, as does the word "woman". Man with a womb.

*Q: I suspect many females might not like the idea man is the prototype and the woman was adapted, by means of a new componentry addition.*

C: We see it differently; we see the woman as the newer, updated and enhanced version.

*Q: From where originates the male to female rivalry?*

C: Two places; behavioral nature and perception of scarcity. Males must be more physical to survive and defend their flock; females, the word itself also an adaptation and enhancement of male, a prefix being added to signify this, provide the social qualities needed and often lacking in males. The combination supplies the ideal total.

*Q: This all ties back to the origins of mankind as a created species, begun through gene splicing by alien ET visitors?*

C: Yes.

*Q: How we drifted off onto this tangent from the humming Earth, I don't remember.*

C: Not everything in life or in Heaven must be goal, agenda and task list driven. Play is essential.

*Q: How do y'all play in Heaven?*

C: Our particular group, which includes us your guides, greatly enjoys hide & seek and also, travel through cities on Earth. We masquerade as a human apparition and travel through many cities on Earth in different times and alternate realities, what seem to be the strange combinations of places and things you often remember from your own dreams. These are simply a reality you do not experience awake, but exist in as real a way as what indeed does surround you.

*Q: Will the tension, competition, rivalry and mystery between males and females on Earth ever lessen?*

C: No. It will rise and fall but remains an essential part of the human experience, a quality sought by incarnating souls with great excitement. The pains of jealousy and the pleasure in overcoming this reaction are one example of the many things the female to male dichotomy provides.

*Q: Biological differences related to reproduction are not the main or sole cause, with behavior related back to that?*

C: No. It is easy to conclude otherwise, if the existence of the human soul and the origins of physical mankind remain unknown, which is the case on Earth.

*Q: Will the arsonists who set off the recent fires in Southern California, USA be caught?*

C: This decision is not yet made, however it is unlikely. There is great concern about making this statement publicly and provoking copycat events. Absent the proof humans prefer and require, such statement by a public official would be called speculation and be deemed irresponsible.

*Q: There was a huge amount of news about yesterday's special election in Alabama for a replacement Senator, and the outcome called an upset. What ongoing effect will there be from this?*

C: Legislatively, very little and nothing material. From a political strategy standpoint, it is seen by the mudslingers involved as a successful use of the technique or approach and is likely to be repeated.

*Q: In closing, Esteemed Committee, is there anything the readership here might need to hear about now, that you wish to say?*

C: Yes. We love you, all of you.

*Q:* Thank you for coming in today.

*C:* Our honor, yet again.