

## **Gravitational Wave**

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My own research shows they are more likely of terrestrial or near terrestrial origin. But the recent announcement makes me wonder whether that is just a huge scam. According to <https://www.ligo.org/science/Publication-GW190425/index.php> 2020/1/6's announcement "At the time of GW190425, the LIGO-Hanford detector was temporarily offline, but the strong signal was detected in the LIGO-Livingston detector. The Virgo detector, located in Cascina, Italy, was also taking data. However, due to its lower sensitivity compared to LIGO and in particular because the source of GW190425 was likely in a region of the sky less visible for Virgo, the signal was only above the detection threshold in LIGO-Livingston." In other words, two out of three detectors did not detect the signal. Strangely enough, the same web site shows a 2019/5/2 announcement stating "On April 25, 2019, the National Science Foundation's Laser Interferometer Gravitational-Wave Observatory (LIGO) and the European-based Virgo detector registered gravitational waves from what appears

likely to be a crash between two neutron stars ...

"Did VIRGO detect the event or not?"

I checked the data and the first five detections were within 36 hours of New/Full Moon or perihelion. Of the 11 from O1-O2, seven were within 48 hours of New/Full Moon or perihelion, three were at the minimum of tidal forces and one followed a rather prolonged increase in tidal forces.