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MEDICINE

HIGH ALTITUDE CURRENTS AND ATMOSPHERIC PRESSURE THE CAUSE OF THE SEASONALITY OF VIRUSES, INFLUENZA, PANDEMICS AND OTHER DISEASES

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Why do some diseases have seasonal variations? To answer this question, we looked for phenomena that could explain the mechanism, which is currently an enigma in the medical community.
In the temperate zone, there is a strong seasonal effect of some diseases, and, in the tropical zone of the equatorial zone, a weak effect.
„Almost all human diseases related to respiratory pathogens have seasonal variations" [1] (SF Dowell, MS Ho 2004) / „However, the reasons for this seasonality are not yet known." [1] Lancer Magazine in 2004 / „In tropical regions, there are two minor peaks in vitamin D photosynthesis and there is virtually no flu seasonality" (Juzeniene *et al.* 2010) "in equatorial regions, the seasonal pattern is weak" [2].

Keywords: pandemic, flu and viruses seasonality, polar vortex, atmospheric pressure.

INTRODUCTION

Until recently, the medical community believed that the pandemic would decrease throughout summer, due to temperature and ultraviolet radiation. In the summer, I found evidence that this theory is erroneous and we published an article on the 26th of June[3]. I found that in the southern United States the pandemic was more intense and in the North the pandemic was milder. So, the heat and UV radiation in the South didn't help at all, but, on the contrary, it was much worse. Atmospheric instability in the South and the production of Infrasound was the explanation. One month later, WHO confirmed that we were right and that the heat and UV were not to blame[6]. Who accelerates and who restrains the pandemic? WHO has no answer.

The answer to this question is infrasound and atmospheric instability. But infrasound is more anemic at altitude, and more aggressive in plains. I found that the high-altitude pandemic is much milder than the low-altitude pandemic, and I published an article.[5] Two months later, major universities in Switzerland, Australia and South America confirmed this finding.[7] However, these researchers are very capsized due to the fact that they do not understand the mechanism.[8,9] Why does it decrease when at altitude? The answer has been published in this article since the 9th of April[5] Infrasound is more anemic. Why? Because at altitude the air is not as dense *as* at the seaside. One thing is to hit with an oak stick and another is to hit with a lower density cork stick. If we hit ourselves with a polystyrene stick, we don't even feel it.

High altitude currents have several layers, such as: at 9000, 12000, 12500 and 30000 meters altitude. They have the greatest influence on weather-sensing people. These currents can have 100 – 200 – 300 km per hour frequently, less often they can have 400 – 500 km per hour and very rarely up to 600 km per hour. This hurricane, which is only 9 – 12 – 30 km away from our homes, produces infrasound. Hurricanes and storms are known to be major producers of Infrasound. I, who am a very *weather-sensing* person, have found a connection between high-altitude currents and weather-sensing specific symptoms.

After I was convinced of the relationship between cause and effect, on the 18th of May 2019, I set up a Facebook page called "Vremea meteosensibililor" which currently has around 11.000 subscribers (followers). Audience exploded and some articles had 40.000, 52.000, 77.000 and

130.000 readers. This traffic of readers and the fact that there are thousands / tens of thousands of comments in the area of weather sensitivity, helped me understand for sure that weather sensitivity is caused by Infrasound produced by many natural phenomena. Testimony are these comments that are public, and anyone can consult them.

If we study the data published by Ventuscky.com, we notice that in the northern hemisphere, in June – July, high altitude currents have the lowest speed, and the polar vortex (the current from 30.000 m) is completely inactive, and atmospheric pressure has the lowest values.

In contrast, in the southern hemisphere, it is exactly the opposite. When, in the northern hemisphere, the values are the lowest, in the southern hemisphere, the values are the highest. If the values are higher, flu, viruses and pandemics have more cases.

When the two parameters grow in one hemisphere, seasonal diseases also increase. Basically, they increase and decrease all at once. The speed increases and more infrasound occur, the harmful effects of which are amplified by atmospheric pressure. These two parameters decrease, the number of people suffering also decreases. The speed and surface of these currents increase from summer up to mid-winter, after which they decrease until summer. Autumn asthenia begins about the month of October, when these parameters and atmospheric pressure have increased enough.

However, it appears that the southern hemisphere is less exposed to diseases than the northern hemisphere. Why? The values of these three parameters are lower. From here, it results that: pandemics, seasonal flu and weather sensitivity are more intense in the northern hemisphere than in the southern hemisphere. Noting that the Asian population is very resistant to these diseases, as compared to Europeans and Americans. High-altitude currents above the USA seem to be the most intense than anywhere else in the world, followed by Europe, with Africa being the most protected in this regard, here the pandemic being very weak. The arrangement of these currents and the values of atmospheric pressure explain why the pandemic is very mild at the Equator, in Central Africa, except for South America, Mexico, the Caribbean countries and India. Regions in which intense atmospheric instability acts, very harmful to weather-sensing people.

I have been systematically studying weather sensitivity for 13 years, and, during this time, I have noticed a connection between the suffering of weather-sensing persons and mortality in general and in the pandemic in particular.

How can such a connection be explained? Weather sensitivity is the effect of a physical aggression on human body, which produces many symptoms and pain. Pain in almost every part of the body is associated with inflammation. For this reason the pain is treated with anti-inflammatory drugs, because the pain is an inflammation.

Rheumatologists know very well that weather sensitivity affects the whole body; joints, muscular system, cardiovascular system, nervous system and lungs.

As the administrator of this website, I had access to a lot of data from thousands of weather-sensing persons. When weather-sensing persons complained that they felt unwell, mortality increased in the pandemic.

How can this phenomenon be explained?

Meteorological phenomena produce infrasound, which generates pain in our body. Pain is an inflammation in many cases. From here it results that severe weather causes inflammation in the bodies of millions of people.

If the population has an inflammation in the body, two things happen:

1. Virus or bacteria enter the body more easily.
2. If severe weather causes inflammation in the bodies of patients in severe or critical condition, mortality increases. Why? Sars-Cov-2 causes a lot of inflammation in the body, to which there is also added the inflammation caused by the weather. It seems that increased inflammation increases mortality in general, but also Covid-19 in particular.

Many articles published in “Vremea meteo-sensibililor” prove that the activity of the sun, the eruption of volcanoes and severe weather produce Infrasound that increases both infection and mortality. Mortality generally increases with Covid-19, as well.

CONCLUSIONS

The conclusion is the following one: infrasound amplifies the pandemic, seasonal flues and weather sensitivity, and high atmospheric pressure makes infrasound much more aggressive.

This explains why in many countries or regions with high altitude pandemic is so mild. Examples; Mongolia, Tibet, China, Afghanistan.

In the opposite direction, the increase of atmospheric pressure during winter makes infrasound more harmful and the pandemic increases. In summer, atmospheric pressure is low, and due to the fact that there are even fewer infrasound, the pandemic decreases.

So, why does the pandemic grow in winter? High-altitude currents have much higher velocities, the surface is larger, and, in winter, in the northern hemisphere, the polar vortex moves from the South Pole to the North Pole. All these currents, with a speed between 100 and 600 km per hour, produce Infrasound. And the frost makes the air denser, heavier, more viscous and with a higher pressure. All this amplifies the effects of infrasound that cause more pain and inflammation. For this reason, seasonal flues are amplifying, the pandemic is increasing, as is mortality in general, including because of Covid-19.

Proof that infrasound amplified the pandemic is that 80% of the worst pandemics in history, including the Spanish flu, were in the solar maximum. In the solar maximum there are several solar explosions that feed the solar wind, and when it hits at a speed of 200–1000 times faster than that of an atmospheric bullet, infrasound occurs. Now we are in the solar minimum and the pandemic shall not be very serious.

Another proof is that the pandemic increases when weather is severe. Anyone can study weather records and pandemic values and be convinced.

I did an experiment: I took a few bananas and went into a hypobaric room with them, where I reduced the atmospheric pressure from 1000 to 800 mb (the equivalent of 2000 m altitude) in 20 minutes. Effect:

1. I increased by 1 cm in height in 5 hours and, if I slept there, I would have increased by 2.4 cm in height. But the values are not permanent.

2. Some bananas have their peels cracked on a length of about 8 cm. How can this be explained? The drop in pressure has an inflating effect, and the peel remained too small. By a logical deduction, the decrease in atmospheric pressure inflates human body and, as the pressure increases, human body deflates. Moreover, human body increases in height by one cm at an altitude of 2000 m. If we sleep at 2000 meters the increase in height is 2.4 cm as compared to the altitude of 20 m.

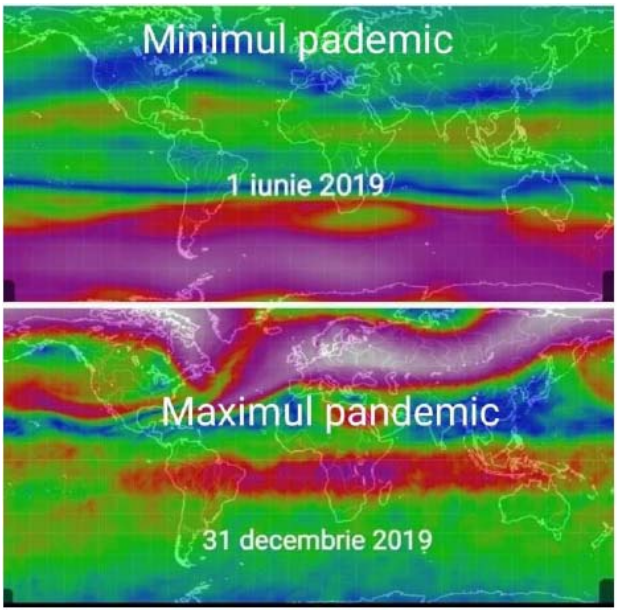
If the pressure really flattens us, it means that it aggresses us and favors the pandemic, viruses and weather sensitivity. The high average altitude in Africa and the lack of high-altitude currents in the tropics explain why the pandemic is mild in this African continent.

Starting from March, "Vremea meteosensibililor" made forecasts on how the pandemic would evolve in 1 – 2 – 3 days. If we know how severe weather shall evolve, then we know how the pandemic shall evolve, as well. We just have to watch the phenomena that produce Infrasound.

Wikipedia claims that 90% of the world's population lives in the northern hemisphere, which is why it is so important to understand exactly the mechanism of seasonal variation.

Infrasound answers 90% of all questions.

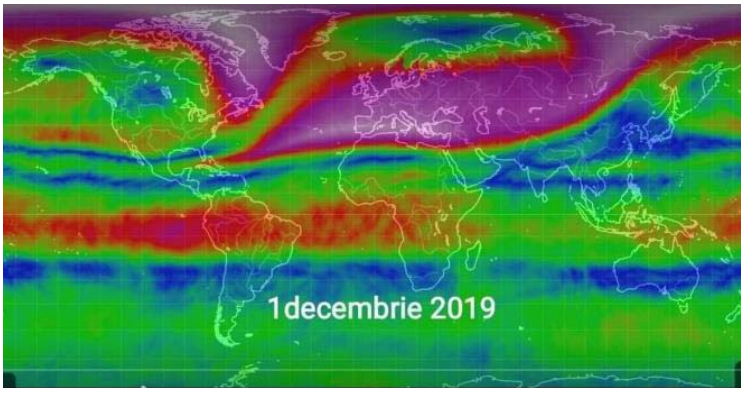
The pandemic has had many enigmas so far. Many things are not understood by scientists. But infrasound, weather forecast and atmospheric pressure can answer many questions, which, unfortunately, researchers have not been able to answer.



(The pandemic minimum – the 1st of June 2019)
(The pandemic maximum – the 31st of December 2019)

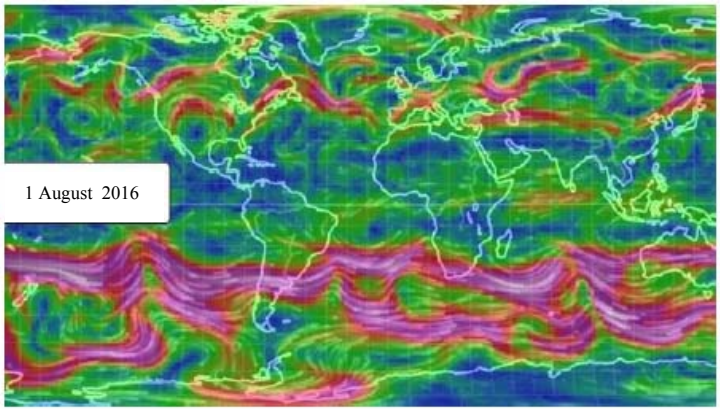
Figure 1. Polar vortex migration.

Figures 1 and 2 show that, in winter, in the Northern Hemisphere, the polar vortex has very high velocities (purple and white), and, in summer, it is almost non-existent, with very low velocities (blue and green). In the Southern Hemisphere, it is exactly the opposite, because the polar vortex moves from one pole to another.



(The 1st of December 2019)

Figure 2



(The 1st of August 2016)

Figure 3

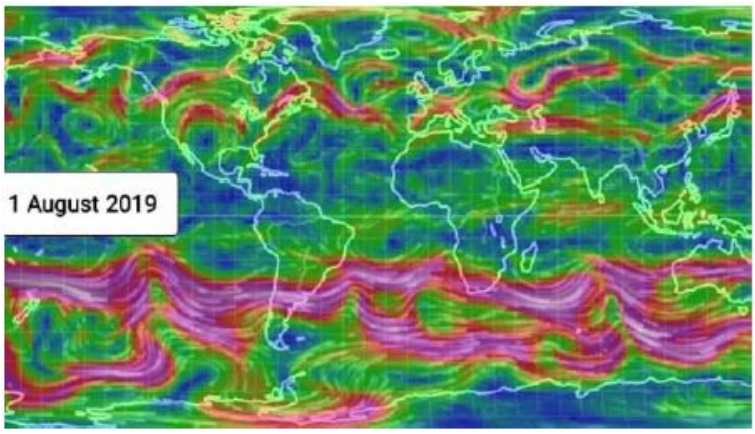


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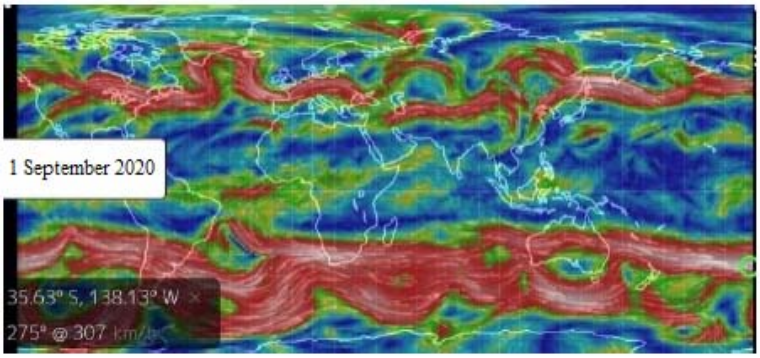
Figure 4



(The 1st of September 2020)

Figure 5

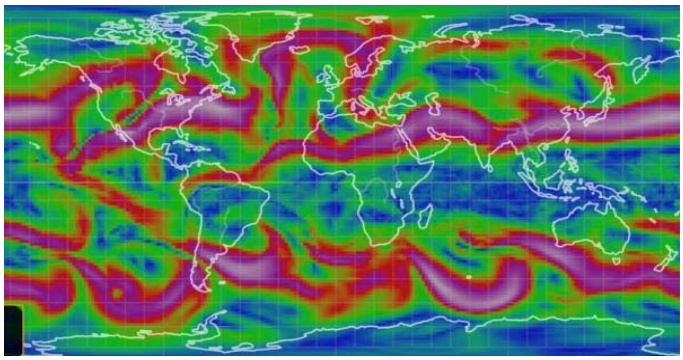


Figure 6

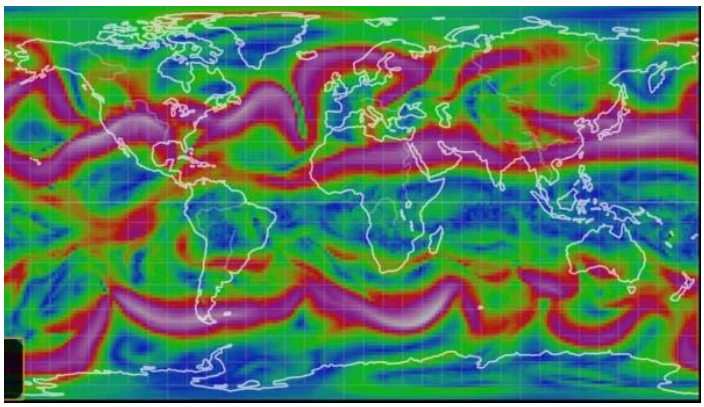


Figure 7

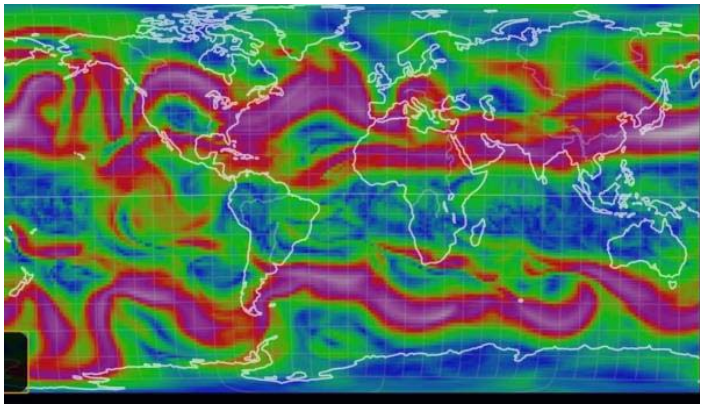


Figure 8

Figure 3 and 4 show that, in summer, the jet stream (the current from 12500 and 12000 m altitude) in the Northern Hemisphere has a smaller surface than in winter, but also the speed is lower. In winter, in the Southern Hemisphere, it is the other way around. Figure 5 shows that, in autumn, the area begins to increase.

Figures 6, 7 and 8 show that, in autumn and spring, the jet stream has comparable areas and speeds.

Figures 9 and 10 show that, in winter, on the 17th of January, the atmospheric pressure is very high (dark burgundy) and, in summer, on the 24th of June, the pressure is lower (green and yellow).

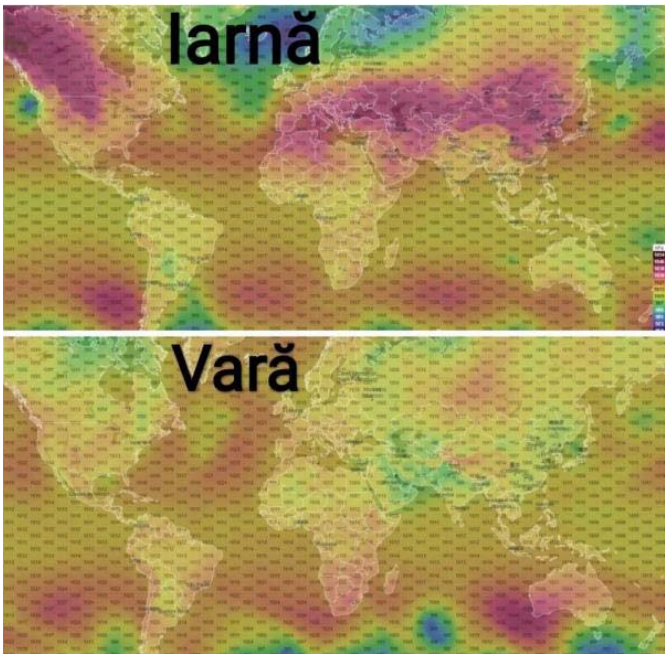
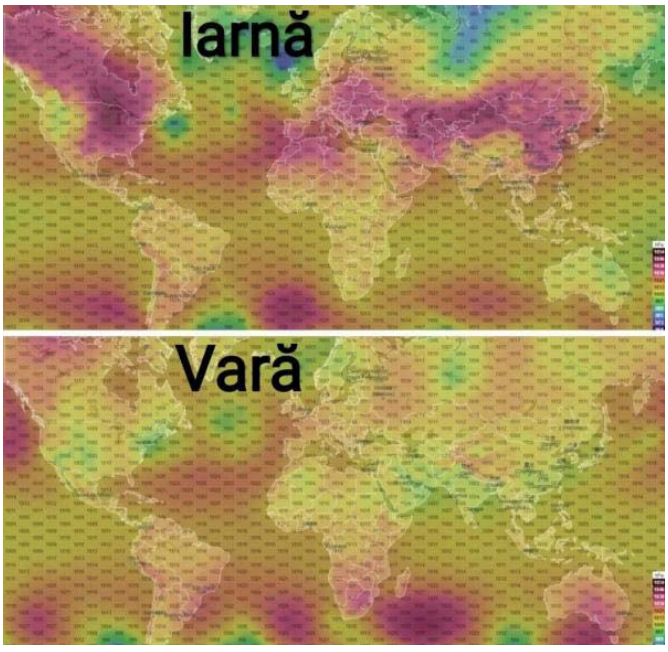
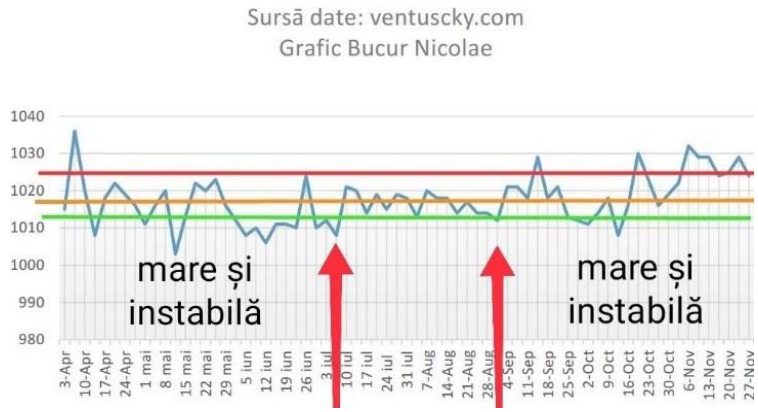


Figure 9 (Winter) (Summer).



Relative atmospheric pressure (sea level) in mb, City Brasov, Romania, time 02

Figure 10 (Winter) (Summer).



large and unstable small and stable large and unstable
Normal pressure 1013 mb
High pressure 1018 – 1025 mb
Very high pressure 1026 – 1040 mb
The pandemic is weak when the pressure is low and stable, and when the pressure is high and unstable, the weather is sensitive and the pandemic is intense.

CONCLUSION FROM THE PICTURES

In winter, in the Northern Hemisphere, high altitude currents (the polar vortex and the jet stream) have a very large area and the highest speeds. Also in winter, the atmospheric pressure is the highest. Infrasound produced by these "hurricanes" are much more harmful at a higher atmospheric pressure and, for this reason, seasonal diseases increase in cold seasons.

In summer, in the Northern Hemisphere, it is exactly the opposite, low pressure and currents are very weak.

FINAL CONCLUSION

Atmospheric pressure and high-altitude currents produce the seasonality of seasonal diseases.

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