

SCIENTIFIC WONDERS

ON THE EARTH
& IN SPACE



Yusuf Al-Hajj Ahmad



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Scientific Wonders On The Earth & in Space

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Published By: Darussalam Publishers & Distributors

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Author's Note

All praise is due to Allah (SWT). We praise Him and we seek for His assistance and forgiveness. We seek refuge with Him from the evils of our own souls and from our misdeeds. No one can mislead whomever Allah guides and no one can guide whomever Allah (SWT) causes to go astray.

I testify that there is no deity worthy of worship except Allah (SWT). He is One and He has no partner. I also testify that Muhammad is His Slave and Messenger. Allah (SWT) sent him with the religion of guidance so that it may prevail over all other religions even if the disbelievers dislike that.

Speaking about scientific miracles has become a necessity these days, as knowledge has made great and rapid strides that cannot be stopped even for a moment. Everyday there are new inventions and astounding discoveries. All this strengthens a Believer's faith and increases confusion in the confused person.

Allah (SWT) has blessed me with collecting all the conclusions that have been arrived at by the leaders in this art of scientific and medical miracles. I, then, decided that this compilation should comprehensively include every topic relating to miracles either from the Qur'an or from the authentic Sunnah. Some repetitions may be found in this work due to some benefits such as considering the differences in the scholars' methodologies of writing about one topic. The wisdom of this may be found in the popular saying: "You might find in a stream what you might not find in a sea."

Dear reader, on my part I have selected for you the most comprehensive, most authentic, most modern and most beautiful of these proofs. For the purpose of authentication, some of the specialists in these fields have shared their knowledge with me. I would mention, as an example, Dr. Muhammad Harb, a specialist obstetrician and gynecologist and Jihad 'Inayah and Mahir Kabab, who are both pharmacists. I am very grateful to them.

There is no doubt that this work that you are reading, as a first step on what the modern science has arrived at in our contemporary times, has already been mentioned in the Qur'an and mentioned by the Messenger of Allah, peace be upon him, more than 1,400 years ago. This is certainly not going to be the end either. There shall continue to be more and more discoveries that will show humanity that the Qur'an is truly Allah's Word. Allah (SWT) says about the Qur'an:

﴿لَا يَأْتِيهِ الْبَطْلُ مِنْ بَيْنِ يَدَيْهِ وَلَا مِنْ خَلْفِهِ تَنْزِيلٌ مِّنْ حَكِيمٍ حَمِيدٍ﴾

"Falsehood cannot come to it from before it or behind it; (it is) sent down by the All-Wise, Worthy of all praise (Allah, Glorified and Exalted be He)." (Soorah Fussilat 41:42)

He (SWT) also says:

﴿وَمَا يَنْطِقُ عَنِ الْهَوَىٰ ۚ إِنْ هُوَ إِلَّا وَحْيٌ يُوحَىٰ﴾

"Nor does he speak of (his own) desire. It is only a Revelation revealed." (Soorah An-Najm 53:3-4)

This book discusses many topics. The main sections are: Miracles in the Earth and Miracles in astronomy, which are the most important topics discussed in this work. I beseech Allah (SWT) to make all that I have collected and written to make a reminder for those who have sound hearts, the ability to listen and have presence of mind, and to make it purely for His sake and to benefit me and the Muslims as

a whole with it. Indeed, He has power over all things and He is worthy of accepting prayers. All praise is due to Allah (SWT), the Lord of the worlds. May the blessings and peace of Allah be upon our leader Muhammad, his family and his Companions.

Servant of the Sunnah

Yusuf Al-Hajj Ahmad

SECTION 1: The Scientific Wonders on the Earth



The miracles of the Qur'an regarding our surrounding environment – the seas, land, animals, plants and other inorganic matters – are clear evidences that the Qur'an is the Word of Allah - SWT, the Lord who created them.

The Qur'an urges us to ponder over and inquire into the creation on Earth so that they serve as a guide to recognize the Creator, the Disposer of affairs. Verses have followed others encouraging the man to ponder over the Earth and its contents: what is the secret behind this?

Allah, the Most High, says:

﴿لَخَلْقُ السَّمَوَاتِ وَالْأَرْضِ أَكْبَرُ مِنْ خَلْقِ النَّاسِ وَلَكِنَّ أَكْثَرَ النَّاسِ لَا يَعْلَمُونَ﴾

“The creation of the heaven and the Earth is indeed greater than the creation of mankind, and yet most mankind know not.” (Soorah Ghafir 40:57).

Earth's Movement

Allah, the Most High, says:

﴿وَتَرَى الْجِبَالَ تَحْسَبُهَا جَامِدَةً وَهِيَ تَمُرُّ مَرَّ السَّحَابِ
صُنِعَ اللَّهُ الَّذِي أَنْقَنَ كُلَّ شَيْءٍ إِنَّهُ خَبِيرٌ بِمَا تَفْعَلُونَ﴾

“And you will see the mountains and think them solid but they shall pass away as the passing away of clouds. The work of Allah, Who perfected all things, verily He is Well-Acquainted with what you do.” (Soorah An-Naml 27:88)

Historical Antecedents:

People had observed in the past that the Earth is stationary and as such, thought that it was the centre of the universe and that it does not move while the celestial bodies including the stars and other bodies move in complex orbits around it called epicycles. This was first proposed by the astronomer and mathematician, Claudius Ptolemaus, and was accepted for several centuries. Some of the astronomers later studied the movement of the Earth around the sun; and Nicholas Copernicus developed the model indicating that the spheres of the fixed stars were stationary and that their apparent movements are only due to the movements of the Earth and the non-movement of the sun. However, the radical core of his theory was rejected or ignored.



The Greek philosopher and mathematician, Pythagoras, also mentioned the movement of the Earth but he was not really able to prove the theory. The Italian physicist and astronomer, Galileo Galilei, at the end of the fifteenth century and the early parts of the sixteenth century developed astronomical telescopes with which he studied the movements of the Earth and other stellar movements and also supported the Copernican heliocentric theory of a sun-centered universe. Then came Johannes Kepler in the sixteenth century and presented proofs to establish the movement of the Earth and other celestial bodies.

Scientific Facts:

The Earth moves in two basic ways: spinning movement on its own axis (rotation) and in a circle around the sun (revolution).

The Earth rotates on its own axis in a period of (23 hrs 56 min 4.1 sec).

The speed of the Earth's movement at the equatorial regions is about 1,670 km/h which is about 465 m/s and it reduces with the latitudes up to 312 m/s at 50 degrees and is completely unnoticed at the poles.

Three astronomical phenomena result from the rotation of the Earth on its own axis:

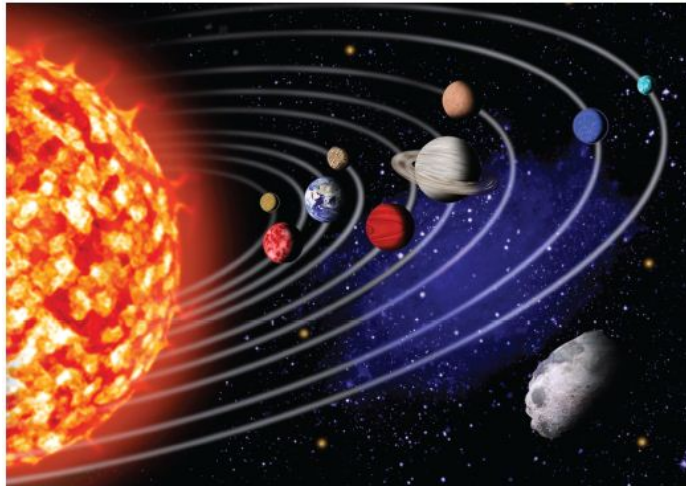
- a. Day and Night and their succession
- b. Difference in timing across the Earth's surface
- c. Induction of a centrifugal force felt strongly at the equatorial regions.

Scientific Explanation

The Solar System in which we live comprises a firmly connected arrangement which includes the sun and nine planets (currently known) swimming in their different orbits. The Earth is considered the third planet from the sun and it completes its revolution around it in three hundred and sixty days and a quarter.

Scientific References

The Encyclopedia of the American Academy of Science says: The Earth rotates on its axis (spin axis) in the period of a day and revolves around the sun in the period of a year [...] and its average speed during its revolution reaches about 30 [...] The planets in the Solar System also have moons (satellites) that revolve round them of which forty-nine (49) are currently known even when there are strong indications of the occurrence of others particularly around Uranus and Neptune which are both the farthest of the known planets from sun. As for the Earth's moon, it completes one revolution around it in 27 days, 7 hours, 43 minutes increasing as it moves from one similar phase to the other.



The Solar System also makes a part of the large, disk-shaped single aggregation of stars (galaxy) called the Milky Way which contains millions (in fact, billions) of other huge stars each of which also moves on its axis at different speeds. The galaxy rotates around an axis joining the galactic poles and by implication, the sun (one of the billion stars in the galaxy), and its planets also move as the huge mass does. The World Encyclopedia of Science says: The sun (which is located in the outer part of the galaxy) takes 200 million years to complete one trip around the centre of the galaxy!

The movement of the Earth round the sun was not known in astronomy until the sixteenth century from the works of the Polish astronomer and mathematician Nicolas Copernicus who developed the heliocentric model of the Solar System, in which the sun is stationary, and the Earth and the known planets move around it, as is mentioned in the New British Encyclopedia. This was a clear departure from the prevalent model Ptolemy's model, that the Earth was stationary at the centre of the universe. Thus, the New British Encyclopedia says: In the 2nd century CE, Ptolemaus proposed his model of the universe with the Earth at its centre and this model was accepted for more than 1,300 years.

The world waited until Kepler came in the 17th century and established the scientific fact that everything in the universe including the moons and stars are in concomitance with it moving on specific paths (orbits).

Looking at the Qur'an, we find that in His saying:

﴿وَتَرَى الْجِبَالَ تَحْسَبُهَا جَامِدَةً وَهِيَ تَمُرُّ مَرَّ السَّحَابِ﴾

“And you will see the mountains and think them solid but they shall pass away as the passing away of clouds...”

Is a clear evidence that the mountains move as quickly as the clouds but mankind sees them firm and stationary. Here are astronomers saying that the Earth rotates together with the creatures on it -- both living and non-living with the same speed. Thus, we would regard the mountains as stationary while in the real sense it rotates with the Earth. The scientists have given an approximate example of that: if we view two trains running at the same time and in the same direction and with the same speed, the person on any one of them and looking at another person in the second train would think that he is static, motionless. So do we consider the movement of the mountains with respect to the Earth. So, Glorious is He who says:

﴿وَتَرَى الْجِبَالَ تَحْسَبُهَا جَامِدَةً وَهِيَ تَمُرُّ مَرَّ السَّحَابِ﴾

“And you will see the mountains and think them solid but they shall pass away as the passing away of clouds...”

Hence, each of the sun, the moon and the Earth swim in paths or orbits that are exclusive to each of them.

The Point of Wonder

The point of wonder in the Verse of the Qur'an is that the Verse points to the movement of the Earth on the basis of His saying: "...but they shall pass away as the passing away of clouds..." which only became known to science in the 17th century CE.

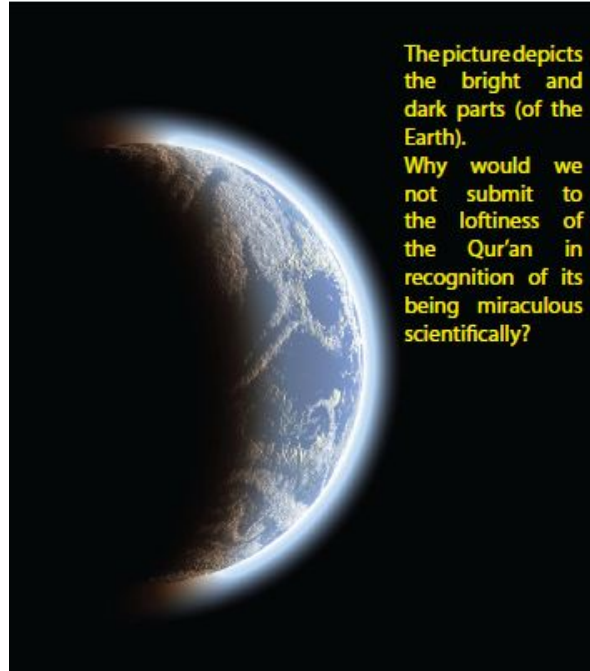
The Glorious Qur'an says the movement of the Earth and the expressions are clear and concise as it is from the Wise and Well-Acquainted leaving nothing to doubt among the people of knowledge. So, He, the Most High, says in a marvelous manner -- the manner of the Qur'an:

﴿وَتَرَى الْجِبَالَ تَحْسَبُهَا جَامِدَةً وَهِيَ تَمُرُّ مَرَّ السَّحَابِ﴾
﴿صُنِعَ اللَّهُ الَّذِي أَنْقَنَ كُلَّ شَيْءٍ صُنِعَ اللَّهُ الَّذِي أَنْقَنَ كُلَّ شَيْءٍ﴾

“And you will see the mountains and think them solid but they shall pass away as the passing away of clouds. The work of Allah, who perfected all things, verily He is Well-Acquainted with what you do.”
(Soorah An-Naml 27:88)

The Verse proves that all the bodies that experience gravity (like the mountains and seas and the atmosphere among others) also rotate together with the Earth in its daily rotation on its own axis and its annual revolution around the sun. As a result of it, about a half of the Earth experiences darkness in the night while about the other half witnesses daylight due to the Earth's rotation. However, this movement is not directly perceived because it is like the movement of the clouds in the sky.

The Appearance of the Day



The modern-day science has made it known that the night covers half of the Earth. And the rest of it where the day appears is the atmosphere covering the Earth which is like a thin peel; like a tenuous skin. When the Earth moves, the thin rays of daylight which were formed due to the reversal of the rays from the sun appear over various areas in the atmosphere bringing about the daylight. Thus the movement of the Earth brings about the appearance of the day from the night. And Allah, the Most High, says:

﴿وَأَيَّةٌ لَهُمُ اللَّيْلُ نَسْلَخُ مِنْهُ النَّهَارَ فَإِذَا هُمْ مُظْلِمُونَ﴾

*“And a sign for them is the night. We withdraw therefrom the day and behold they are in darkness.”
(Soorah Ya Seen 36:37).*

Earth's Gravity



Allah – the Most High – in Soorah al-Mursalaat said:

﴿أَلَمْ نَجْعَلِ الْأَرْضَ كِفَاتًا ۝ أَحْيَاءَ وَأَمْوَاتًا﴾

“Have We not made the Earth a receptacle for the living and the dead?” (Soorah Mursalaat 77:25-26).

The word Kifatan is derived from the verb Ka-fa-ta – Yak-fi-tu – meaning, to attract it and grab it and bind it. So, one of the attributes of the Earth is that it attracts, grabs and binds. These Verses clearly point to the gravity. Thus, everything on the Earth is attracted to it, and the true weight of objects is their force of attraction toward the Earth which is also related to the mass of the Earth.

An object that weighs a hundred kilogram on Earth weighs a sixth of that on the moon; a man whose weight on Earth is sixty kilogram would only weigh ten kilogram on the moon! So, the weight of an object is its gravity toward the Earth and the weight of an object on the moon is its gravity toward the centre of the moon. Allah, Most High, says:

﴿أَلَمْ نَجْعَلِ الْأَرْضَ كِفَاتًا ۝ أَحْيَاءَ وَأَمْوَاتًا﴾

“Have We not made the Earth a receptacle for the living and the dead?”

Now, the points to ponder are how would life be without gravity? How would water settle on the surface of the Earth without gravity? And how will the atmosphere remain attached to the Earth without gravity? Were it not that the Earth pulls the atmosphere to itself, the latter would have been still while the Earth moves. And with the movement of the Earth and the stillness of the atmosphere, some huge currents of high velocity winds (hurricanes or cyclones, etc.) of more than a thousand and six hundred kilometers per hour and capable of destroying everything on the Earth would arise! Who made the atmosphere attracted to the Earth? It is certainly the gravitational pull. And who made the seas attached to the Earth by the impact of the gravitational pull?

The state of weightlessness is very difficult to bear.

Allah, Mighty and Sublime, says:

﴿أَمَّنْ جَعَلَ الْأَرْضَ قَرَارًا﴾

“Is not He Who has made the Earth as a fixed abode...?” (Soorah An-Naml 27:62)

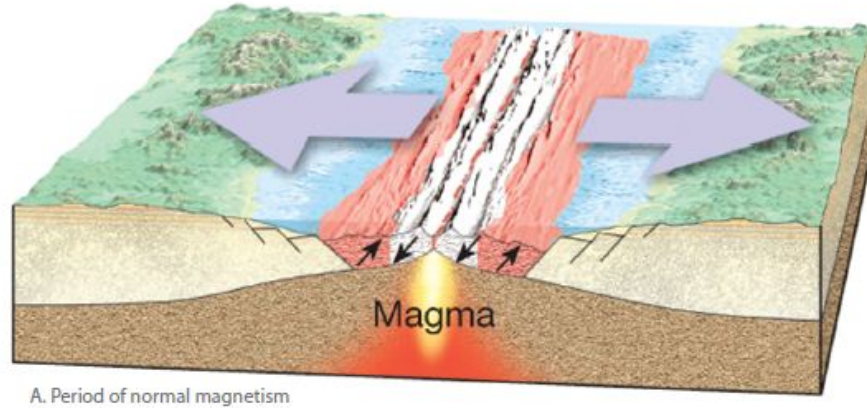
So, He, Most High, made it rotational and yet stable and made things on it steady and attracted to it; something which would be impossible without the gravitational pull. Some had thought that in the end, man will be pulled toward the Earth to be buried in it but Allah, Almighty, says:

﴿أَلَمْ نَجْعَلِ الْأَرْضَ كِفَاتًا ۝٢٥ أَحْيَاءَ وَأَمْوَاتًا﴾

“Have We not made the Earth a receptacle for the living and the dead?”

Thus, the living is also attached to the Earth and attracted to it (as well as the dead) which refers to his weight on it. (Al-I’jaaz al-’Ilmee by An-Nablusee)

Haphazard Zigzag Motion



Shaikh Zindaani said: At one of the important world summits of scientists in Islamabad, one of the botanists in his paper said: A Verse in the Qur’an which informed us of some facts more than 1,400 years ago is only known to us today. He said that in 1827 C.E., the British botanist Robert Brown discovered that when rainwater drops on the ground, the particles (of the subsurface rock) are stirred – that is, its tiny particles (very small particles of diameters no greater than 200mm) begin a haphazard zigzag motion. These tiny grains vary in size and composition reflecting some closely packed layering in such a way that when the water drops on it, it ionizes the particles whose properties are a function of their original chemical composition.

The ionization (being dissociated into ions: an ion is an atom or group of atoms that loses an electron and is as such called a negative ion or gains an electron and is referred to as positive ion) agitates the particles and water percolates into the interstices agitating the particles further. This haphazard zigzag motion has great benefits in that it provides spaces within the closely packed layers for water percolation which aids agriculture and also leads to the gradual accumulation of groundwater.

Rabat is from Ribaa’ and Ribw – meaning, growth (increment). Even when there is permissible Riba (increment) and prohibited Riba (interest); the increment here (Riba) refers to the increment in the size

due to accumulation of water in the interstices at various levels which gradually lead to the accumulation of groundwater. So, from where do the plants obtain water for a period of two or three months? Surely from these ”reservoirs”; the water would sink deep into the ground and the plants would die in a week! Brown said: when the rains drop the granules are stirred...

Who discovered this? Robert Brown in 1827 C.E. and he named this haphazard zigzag motion of the granules – Brownian Motion. This is even when this had existed before Brown! Simple objectivity requires that those who compile the history of science do not mention Brown as the first to speak about this; rather they should say: the first to mention it is the Qur'an as shall be shown below...

Allah, the Mighty and Sublime, says:

﴿وَتَرَى الْأَرْضَ هَامِدَةً فَإِذَا أَنْزَلْنَا عَلَيْهَا الْمَاءَ اهْتَزَّتْ وَرَبَتْ وَأَنْبَتَتْ مِنْ كُلِّ زَوْجٍ بَهِيجٍ﴾

“And you see the Earth barren, but when We send down water it is stirred (to life) and it swells and puts forth every lovely kind (of growth).” (Soorah Al-Hajj 22:5)

Who informed Muhammad, peace and blessings of Allah be upon him, of this precise information? Who informed him of the “secrets” in the oceans and the Earth and various levels of the atmosphere above, the secrets in the heavens, the commencement of creation? Who informed him of all these? Isn't the Qur'an the greatest miracle?

If you were to see the staff of Moosa, peace be upon him, changing to a moving serpent, you would have seen a single Sign but as for the Qur'an all of it are Signs and every Verse in it proves its source: Allah, Most High, says:

﴿قُلْ أَى شَيْءٍ أَكْبَرُ شَهَادَةً قُلْ اللَّهُ شَهِيدٌ بَيْنِي وَبَيْنَكُمْ وَأُوحِيَ إِلَيَّ هَذَا الْقُرْآنُ لِأُنْذِرَكُمْ بِهِ وَمَنْ بَلَغَ﴾

“Say (O Muhammad): ‘What thing is the greatest in witness?’ Say: ‘Allah (the Greatest!) is Witness between me and you; this Qur'an has been revealed to me that I may herewith warn you and whomsoever it may reach’.” (Soorah Al-An'am 6:19).

O Allah, I have conveyed (your message), O Allah, bear witness to this!

Summary:

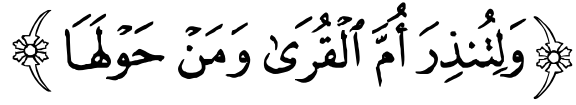
When water drops on the particles of the soil they vibrate and move in a haphazard zigzag manner meaning that the ground (Earth) vibrates – “it is stirred” and the process of water percolation through the thickness and other dimensions of the particles is increased and so through other particles implying that – “it swells” becoming expanded (as a whole) for the preservation of water necessary for life on Earth. So, the plants and other organisms absorb it and the vegetation germinates from below the Earth's surface through the spread of its roots and tiny root hairs and with that the Earth becomes what – “puts forth (growth)” and then the germination appears on the Earth's surface, grows bigger and bears fruit as a favor and sustenance for the creatures. All these Verses occur in concordance to an organized arrangement and perfect measure since it is from the making of Allah, Most High, who perfected the creation of all things.

﴿فَانْظُرْ إِلَىٰ ءَاثَرِ رَحْمَةِ اللَّهِ كَيْفَ يُحْيِي الْأَرْضَ بَعْدَ مَوْتِهَا
إِنَّ ذَٰلِكَ لَمُحْيِ الْمَوْتَىٰ وَهُوَ عَلَىٰ كُلِّ شَيْءٍ قَدِيرٌ﴾

*“Look then at the effects (results) of Allah’s Mercy, how He revives the Earth after its death. Verily!
That (Allah) Who revived the Earth after its death shall indeed raise the dead (on the Day of
Resurrection), and He is Able to do all things.” (Soorah Ar-Room 30:50)*

The Excellence of Makkah over other Localities

Allah, Most High, says:



“And so that you may warn the Mother of Towns (i.e. Makkah) and all those around it.” (Soorah Al-An‘am 6:92).

Imam Ahmad and At-Tirmidhi reported from Abu Hurairah, may Allah be pleased with him, who said: The Prophet, peace and blessings be upon him, stood at Al-Hazwarah and said: “I know that you are the best place on Allah’s Earth and the most beloved of it to Allah if not that your natives expelled me from you I would not have left.” Abdur-Razzaq said: Al-Hazwarah is by the Hannatin city gate. And the report of At-Tirmidhi from Ibn Abbas, may Allah be pleased with him, says: “The Messenger of Allah, peace and blessings be upon him, said, “How good are you of cities and beloved you are to me! Were it not that my kinsfolk drove me out of you, I would not reside in other than you.” Abu ‘Eesa said this Hadith is hasan saheeh ghareeb from this route.

The new scientific discovery which had preoccupied the scientists and was announced in January, 1977 C.E. says: The Honorable city of Makkah is the centre of the terra firma. This newly discovered fact took years of scientific research and depended on complex mathematical charts for which the researchers sought recourse to computer simulations.

The Egyptian scientist, Dr. Husain Kamaluddin, reported the story of the extraordinary discovery, and said that when he started the research, his objective was completely different. He was researching a possible means of assisting everyone no matter where they may be in the world in determining the direction of the Qiblah because he found out in the course of his many journeys abroad that this is a main problem faced by every Muslim whenever he is and particularly, in a locality without a mosque or in a foreign land (like it happens to the tens of thousands of foreign students abroad).

Therefore, Kamaluddin thought of making new charts of the terrestrial globe to determine various directions of the Qiblah on it. After drawing the initial charts during the preliminary stages of the work to prepare this map and delineating the five continents on it, this discovery became surprisingly clear to him: that the location of the holy city of Makkah is at the centre of the world.

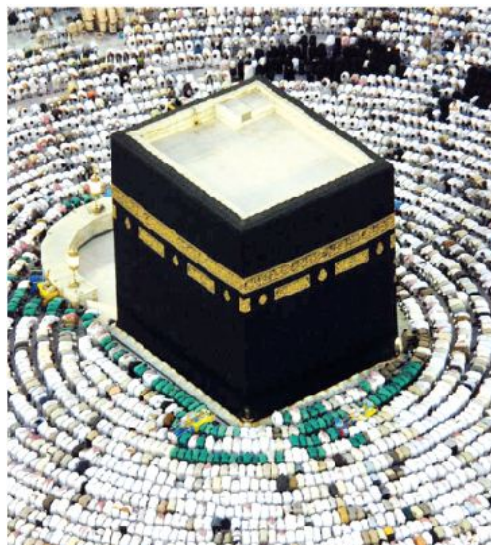


He held an edge of the compass on the location of Makkah and moved the other edge on the edges of all the continents and it became evident to him that the terra firma on the surface of the terrestrial globe is distributed around Makkah in an organized manner. And he found Makkah – in the given situation – the centre of the terra firma. He prepared the old world map used before the discovery of America and Australia and repeated the procedure and he also found that Makkah is the centre of the world even with respect to the ancient known world when the call to Islam started.

Kamaluddin added: I had started my research by drawing a map from which I can calculate the distance of every location on the Earth from Makkah and then I joined similar lines of longitudes so that I can know how the removal of the lines of longitudes and latitudes will be with respect to the city of Makkah. Thereafter, I delineated the limits of the continents and other details on this grid of lines and the situation required a number of complex mathematical trials and computations with the use of computers in the determination of the distances and the required deviations. The situation also required a computer program to delineate the longitudes and latitudes. Due to this new removal ... and by coincidence alone, it was discovered that I should be able to draw a circle whose centre will be at Makkah and its borderlines outside the six continents and the circumambient of this circle will move relative to the limits of the outer continents.

So, Makkah – by the ordainment of Allah – is the heart of the Earth and this is from what science shows in the discovery of the scientists that it is the centre of convergence of radiating magnetic currents which is supported by a wondrous phenomenon noted by the one who visits Makkah to perform the pilgrimage or the lesser pilgrimage with a repenting heart. He feels he is instinctively attracted to everything in it – its land, mountains and every pillar in it so much so that he would have been able to deliquesce into its entity, entirely coalesced with his heart. This feeling has persisted since the creation of the Earth.

And the situation with the Earth is similar to that of other planets; it experiences attractions with other planets and stars due to forces generated from its core ...and this core has what can be referred to as currents. And the internal point of convergence was what an American scientist discovered in the field of topography by establishing its occurrence and location geographically, and he was not motivated to that by any religious belief. He started to teach it with greater vigor spending sleepless nights; before him was the map of the world and other equipment. In the end, he discovered – unintentionally – that the centre of the assemblage of the world's currents is Makkah.



From this, it becomes clear that the wisdom behind the noble Hadith which was based on the statement of Allah (SWT):

﴿وَكَذَلِكَ أَوْحَيْنَا إِلَيْكَ قُرْآنًا عَرَبِيًّا لِّنُنذِرَ أُمَّ الْقُرَى وَمَنْ حَوْلَهَا
وَنُنذِرَ يَوْمَ الْجَمْعِ لَا رَيْبَ فِيهِ فَرِيقٌ فِي الْجَنَّةِ وَفَرِيقٌ فِي السَّعِيرِ﴾

“And thus We have inspired unto you (O Muhammad) a Qur’an (in Arabic) that you may warn the Mother of the Towns (Makkah) and all around it. And warn of the Day of Assembling, of which there is no doubt, when a party will be in Paradise (those who believed in Allah and followed what Allah’s Messenger brought them) and a party in the blazing Fire (Hell) (those who disbelieved in Allah and followed not what Allah’s Messenger brought them).” (Soorah Ash-Shu’ra 42:7).

And as a result, it is easy to understand the Divine reason for the selection of Makkah specifically to be the place of the Sacred House of Allah and the selection of Makkah as the core for the spread of the message of Islam to the whole world; thus it is the scientific miracle, according to the Hadith, which expresses the excellence of its location over other places. And Allah, Most High, knows and judges Best.

The Arabian Peninsula



Imam Muslim and Ahmad reported from Abu Hurairah that the Messenger of Allah, peace and blessings be upon him, said:

“The Last Hour will not come until the land of the Arabs returns to a pasturage and large stream.”

Shaikh Az-Zindani says: The scientist and professor, Alfred Kruz, one of the most famous geologists in the world, attended a geological conference at the Faculty of Earth Sciences at King Abdul Aziz University. I said to him: Do you have any evidence that the Arabian Peninsula – the Arabian subcontinent – was a vegetative land with rivers – this desert that you see was a vegetative land with rivers?

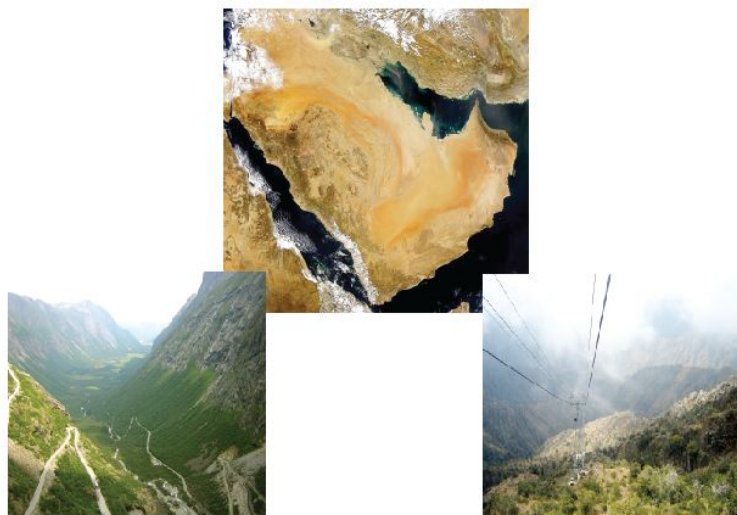
He said: Yes, this is an issue known to us and a scientific fact and the geologists know it for if you dig deep in any area you find evidences that this land was pasturage with large streams and the evidences are many ... Just let me bring one of it to your knowledge – the small town of Faw was discovered from beneath the sands in a deserted area. And there are many evidences about that.

I said to him: Do you have evidence that the Arabian Peninsula will return as a pasturage with large streams? He said: This is an established fact that we geologists know; we measure and estimate it and we are able to say approximately when that will happen. It is a matter that is not far from you (the Arabs), it is near. I said to him: How is that? He said: Because we have studied the Earth's history in the past and found that it passed through ages and one of them was the Ice Age. What does the Ice Age mean?

It means that a great quantity of seawater transforms into snow (ice) and slowly accumulates at the northern Polar region and gradually moves southward and during the motion it covers whatever is below it and changes the weather conditions and from the change in weather is that which will happen in the Arabian Peninsula. So, when the weather becomes cold the Arabian Peninsula will become one of the

regions in the world with the most continuous rainfall and many rivers. I used to correlate the torrential streams and rainfall in the Abha region in Saudi Arabia with what happens in Northern Europe.

Shaikh Az-Zindani said: I was considering what he was saying and I said to him: Are you affirming this to us? He said: This is a reality, it is inevitable! I said to him: Listen! Who informed Muhammad, peace and blessings be upon him, regarding this And all this is mentioned in a Hadith reported by Muslim, in which he said: “The Last Hour will not come until the land of the Arabs returns as a pasturage and with large streams.” Who told Muhammad, peace and blessings of Allah be upon him, that the land of the Arabs was a pasturage with large streams? He paused and then said: The Romans...



So, I said to him: Who informed him that the land of the Arabs will return as a pasturage and with large streams? He thought deeply and said: From the One above. At this, I said to him: Write... and he wrote: “I am astonished by the scientific facts that I have seen in the Qur’an and Sunnah which we were not able to establish except in the latter times with modern scientific methods. This proves that Prophet Muhammad, peace and blessings be upon him, did not get to know this except through Divine revelation.”

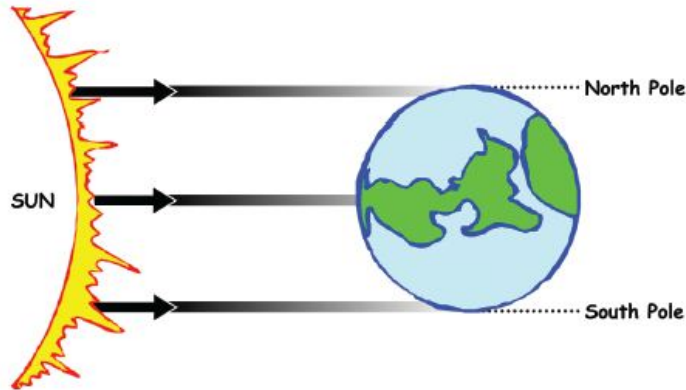
Az-Zindani said: Honorable brothers, this is the position of a German atheist; my consciousness has multiplied regarding the responsibilities of the Muslims toward their religion and I see the leaders of the world accepting Islam if the facts are presented to them ... not just that they will accept Islam; rather they will enthusiastically propagate it. I wish if there could be serious efforts by the Muslim community and by the Islamic universities, ten years would not go by except that a third of the scientists in the world become Muslims.

By Allah (SWT), we did not spend more than two and half hours together until he said all these things ... and this is one of the scientific marvels. He writes that and affirms it ... This proves that there is only one science, one truth, one Lord and that Muslims have great responsibilities. We have the truth in our hands: a truth, which falsehood cannot approach it from in front of it or from behind it. This is certainly a period where everything submits to science but we are at the beginning of the period of submission of science to Islam and the Qur’an. Allah, Most High, says:

﴿ سَنُرِيهِمْ ءَايَاتِنَا فِي الْآفَاقِ وَفِي أَنْفُسِهِمْ حَتَّىٰ يَتَبَيَّنَ لَهُمْ أَنَّهُ الْحَقُّ
أَوَلَمْ يَكْفِ بِرَبِّكَ أَنَّهُ عَلَىٰ كُلِّ شَيْءٍ شَهِيدٌ ﴾

“We will show them our signs in the universe, and in their own selves until it becomes manifest to them that this (the Qur’an) is the Truth. Is it not sufficient in regard to your Lord that He is a witness over all things?” (Soorah Fussilat 41:53)

This is the future of the desert in the Arabian Peninsula, in southern Egypt and northwestern Sudan and perhaps other deserts in other regions in the world on the same latitude – all of it shall be a part of a green bed as is contained in previous researches and the saying of the truthful and the trustworthy Prophet, peace and blessings of Allah be upon him. This is what the tremendous changes in the world’s climate over hundreds of years inform us, as confirmed by an expert American map analyst and archaeologist in Arizona in America, while researchers were studying the data chart generated by the radar system mounted onboard the space shuttle Columbia. The radar photographs showed the presence of an area under the desert sands in southern Egypt and west of Sudan where the rain does not fall heavily except on an average of once every fifty years but which has ancient large river channels some of which are larger than that of the Nile River.



Recently, some comparative studies have been made on the Arabian Peninsula where astronomical photographs show the presence of the river channel of a giant ancient river covering the peninsula from the west to the east toward Kuwait. Dr. Faarooq Al-Baz, the director of NASA – the agency responsible for developing space exploration and research initiatives – had mentioned the presence of a tremendous amount of atmospheric water in the channel of the ancient river which no doubt occurred on both sides of the river in the Holocene periods (5000 years ago). Harl Malkoor, an American geologist foresees the return of the rivers to the deserts of the Arabian Peninsula and return of the water to the covered rivers.

Modern techniques confirm that the Earth is passing through an Ice Age which would last about a hundred thousand years and thereafter will be a period of warmth referred to as an interglacial stage which will last between ten and twenty thousand years. This pattern has been repeated ten times over the last one million years.

The movement of ice in the northern parts – during the ice ages – affected the climate of the Earth leading to the displacement of the ambit of rains in the southward direction. As such, the Arabian Peninsula and the Great Desert (i.e. the Sahara Desert) in northern Africa fell within the ambit of the rain

bearing westerly winds which blow in Western Europe. That leads to the flourishing of the desert and it being filled with rivers and fertile valleys.

In the period of warmth between glacial periods, the ambit of the rains moves to the North, and the Arabian Peninsula and northern Africa come within the ambit of the trade winds (when trade winds move over warm tropical waters, they pick up moisture and bring heavy rainfall to the windward-facing slopes of mountainous areas) and it becomes covered by a climate similar to its present climate.

There are a number of evidences for the occurrence of such climatic changes compiled by Professor Austin Miler, the author of the book, Historical Physiography, as follows:

Specific facts regarding the rains and other climatic evidences (inundation and periods of dryness) and what had been recorded by the earlier researchers like Ptolemy in the second century C.E. in the scrolls of Meteorology.

The data of freezing of water in some countries like Denmark since 1350 C.E.

Difference in the distance between annual cycles to enable the growth of trees; some of the trees are more than about three thousand years old.

Availability of evidence indicating agriculture in regions whose climate will not support agriculture.

The theories of the Scottish astronomer, James Kruk, in the nineteenth century postulate these points, which the Serbian geophysicist, Milutin Milankovitch, reiterated after making a few modifications in the year 1941 C.E.

The climatic variations on the Earth have returned to changes that arise in three proportions associated with the movement of the Earth, as reported by the Magazine for the Scientific Miracles in the Qur'an in its 6th edition in Muharram, 1421 A.H:

The first change was caused by the Earth's revolving around the sun in a circular orbit. Its orientation alters slightly so that it becomes elliptical and then it returns to its circularly motion in an orbit within a hundred thousand years. When the orbit is circular the Earth receives a corresponding magnitude from the sun's heat everyday of the year. But when the orbit is elliptical our planet for some days in the year is closer to the sun and receives more heat from it than the days of another year even when the magnitude of the temperature remains steady.

The second change is in the Earth's axis, for the Earth rotates around its axis which is inclined to its orbital plane. This means that if the rotational axis is delineated with the orbital plane, the rotational axis inclines to this plane by an angle which varies between 21 degs and 8 secs and 24 degs and 4 secs in a revolution of forty-one thousand years. This angle now is 23 degs 4 secs and it is still reducing.

The third change is in the movement of the Earth associated with its axis of rotation. This imaginary axis is delineated in space as a circle which is referred to as a procession, and the axis completes its circle in a cycle for twenty-three thousand years.



Riyadh highway passing through desert

Allah's Messenger, peace and blessings be upon him, mentioned this reality in the noble Hadith where he said: "The Last Hour will not come until the land of the Arabs returns as a pasturage with large streams." (Saheeh Muslim). The question remains: who informed Muhammad, peace and blessings of Allah be upon him, regarding all this?

The Illuminated City of Madinah and the White Castle



Imam Ahmad said: Yens narrated to us, (and Yoonus said), Hammad narrated to us – that is, Ibn Salamah, from Sa‘eed Al-Jurayri from Abdullah Ibn Shaqeeq from Mihjan Ibn Al-Adra‘ that: the Messenger of Allah, peace and blessings of Allah be upon him, admonished the people and said:

“The Day of Rescue, and what is the Day of Rescue? (Thrice). And it was said to him: ‘What is the Day of Rescue?’ He said: The Dajjal shall come and ascend (Mount) Uhud. He will look at Madinah and say to his companions: Do you see this white castle? This is Ahmad’s Mosque. And then, he will be coming to Madinah and will find an angel with an unsheathed sword on every of its (mountain) passes. He will go to the marsh of Jurf and hit its pavilion and then, Madinah will shake thrice. And there will not be any male or female hypocrite or a sinful person, male or female except that he comes out to him. And this is the Day of Rescue.” (Saheeh li-Gayrehi)

Explanation of the Hadith: Sultan, that is, in his hand is a sword unsheathed. It is said: asalta as-sayf when he removes it from its sheath. Naqb: a way in-between two mountains (a pass). As-Sabkhah: a land above which is salt marsh (salina) and where hardly grow plants except for a few trees. Tarjufu: The basis of Ar-Rajf is Al-Harakah (movement) and Idtiraab (disturbance), i.e. it vibrates and resonates.



A satellite view of madina

O Muslim, consider the saying of the Dajjal: “This white castle, this is Ahmad’s Mosque” and then consider the Prophet’s Mosque, this photograph had been taken through satellites and the whiteness is its main characteristic. Ponder over this and say: “I seek refuge in Allah from the trials of the Dajjal.”