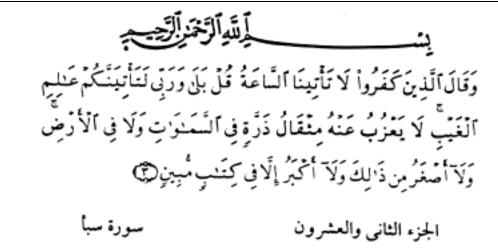
# CHAPTER 5

# JUDGMENT DAY

ALLAH (SWT) Gave us, humans the mind in order to explore, to study and to learn about His creation. The more we know about ALLAH's creation, the more we realize that He is the absolute power and authority. ALLAH (SWT) Has Created everything for a purpose and for a reason. In cited verses #(4-13) ALLAH (SWT) Says that He Has not Created the jinns and the humans except to worship Him. He Has Provided sustenance for the jinns and for the humans, as well as for all others of His creation, just to be able to worship, praise and glorify Him. Worshipping ALLAH (SWT) is simply following His rules and obeying His laws. In the Holy Qur'an ALLAH (SWT) Gave us His rules and laws. He Told what is right and what is wrong, what we have to do and what we have to avoid. Every single one of ALLAH's rules is made for the benefit of mankind. Life is a test period for the humans as well as for the jinns. Every creature that ever lived will be judged and sentenced on judgment day. The unbelievers deny that there will be a judgment day where every soul will be held accountable for everything done during the lifetime. ALLAH (SWT) Answers their false claim in cited verse #(5-1). In this verse, ALLAH (SWT) Swears by Himself that the day of judgment will come where every deed will be disclosed. Nothing in the heavens or in the earth is hidden from ALLAH (SWT). Everything, whether it is smaller than an atom or larger, is recorded in the most comprehensive record.

In cited verse #(5-2), ALLAH (SWT) Says, "We Have not Created the heavens and the earth and what in between them except for a just cause and for an appointed term and those who did not believe are ignoring what they have been warned of". ALLAH (SWT) Has Created the heavens and the earth and what in between them (the earth's atmosphere) to function according to His rules, laws, and Commands, for an appointed and pre-assigned term. After the appointed term has expired, the heavens and the earth will cease to function and judgment day begins. In the Holy Qur'an, ALLAH (SWT) Tells about

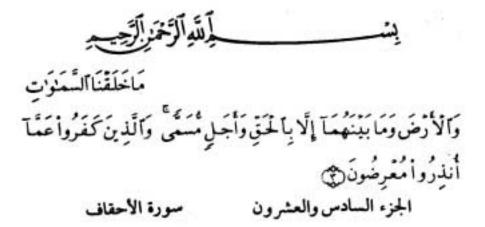


#### Cited Verse #(5-1)

#### In The Name of ALLAH, Most Gracious, Most Merciful

And the unbelievers said "never to us will come the hour (judgment day)", say (Mohammad), "O yes, by my LORD, it will come upon you indeed, He Who Knows the unseen, from Whom is not hidden a weight of an atom in the heavens or in the earth, nor less than that or greater, but is in a most comprehensive record".

(part 22, Surat Saba'a "Sheba")



#### Cited Verse #(5-2)

#### In The Name of ALLAH, Most Gracious, Most Merciful

We Have not Created the heavens and the earth and what in between them except for just cause and for an appointed term, and those who did not believe are ignoring what they have been warned of.

(part 26, Surat Al Ahqaaf "Winding Sand Tracts")

some of the signs that will precede judgment day.

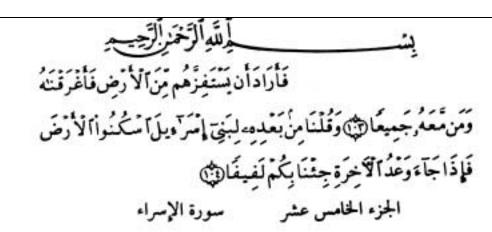
## SOME OF THE MAJOR SIGNS

# <u>REVELATION OF THE HOLY QUR'AN</u> AND THE RELIGION OF ISLAM

The religion of Islam is the last religion and the Holy Qur'an is the last book that ALLAH (SWT) Have bestowed on mankind. By such revelation ALLAH's message to mankind has been completed and the beginning of the end of the first life has commenced. In Chapter 4 we have learned that before the revelation of the Holy Qur'an and Islam, the jinns were used to go to places in the lowest heaven to eavesdrop [cited verses #(4-18) and #(4-19)]. After the revelation of the Holy Qur'an and Islam to Prophet Mohammad (ppbuh), the jinns were not permitted to do so. At that time, ALLAH (SWT) Commanded the heavens to get prepared for the events that will take place before and on judgment day. He did not Want the jinns to witness such preparations.

#### FORMATION OF THE NATION OF ISRAEL

In many verses of the Holy Qur'an, ALLAH (SWT) Tells stories about Prophet Musa (Moses) and the Israelites (The Children of Israel), and the confrontations between Prophet Musa (Moses) and the pharaoh of Egypt. Cited verses #(5-3) are among those verses. These verses describe what happened to the pharaoh of Egypt when he and his army followed the Israelites when they were fleeing Egypt. The meanings of these verses are mostly misunderstood. In the second of these verses, ALLAH (SWT) Says, "And We Have Said thereafter to the Israelites (Children of Israel) "Dwell the earth, then when the time of the hereafter has come, We Brought you and Gathered you together"". Notice here that after ALLAH (SWT) Drowned pharaoh and his army, He Said to the Israelites "Dwell the earth", not dwell their land or dwell their dwellings. In other verses in the Holy Qur'an, the two phrases "dwell their land" and "dwell their dwellings" were used to describe different situations. In this particular verse, ALLAH (SWT) Said "Dwell the earth". This means that the Israelites will dwell in many places on the earth, and not in one particular location. That is, they will be living among other people with different beliefs and nationalities, without having their own nation. Then when the time of the hereafter has come, that is when judgment day approaches (becomes near), ALLAH (SWT) Brings the Israelites (Children of Israel) from all over the world and Gather them together in *one place*. The gathering of the Israelites took place in the land of Palestine, and the nation of Israel was formed in 1948.



Cited Verses #(5-3)

#### In The Name of ALLAH, Most Gracious, Most Merciful

So he (pharaoh of Egypt) resolved to remove them (The Israelites) from the face of the earth, so We Drowned him and all who were with him. And We Have Said thereafter to the Israelites (Children of Israel) "Dwell the earth then when the time of the hereafter has come, We Brought you and Gathered you together".

(part 15, Surat Al Esra'a "The Night Journey")

# THE ANIMAL THAT EMERGES FROM THE EARTH AND TALKS TO THE PEOPLE

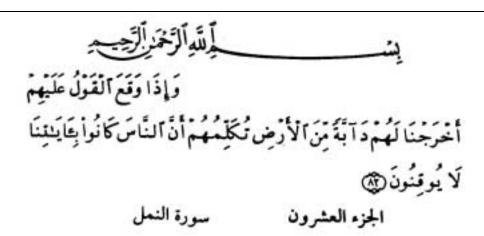
In cited verse #(5-4), ALLAH (SWT) Says "And when the word is fulfilled against them, We Brought out an animal (daabbah) from the earth that talks to them, that the people were not believing with assurance in Our signs". Near the end of this life, the people will be doing unjust for themselves. Sins will be considered the normal way of life. At that time, ALLAH (SWT) Will Bring out an animal (daabbah) from the earth. That animal will talk to the people in their own language. It will talk to the people about their sins, and that they have ignored the warning signs of ALLAH (SWT). At that time it will be too late to repent and to redeem themselves. What kind of animal that will be?. To answer this question, let's look at the definition of animal "daabbah" Given by ALLAH (SWT). From cited verse #(5-5), ALLAH (SWT) Says that He Has Created every animal "daabbah" from water. Some walk on their bellies, some walk on two legs and some walk on four legs. Since this particular animal "daabbah" will come from beneath the earth's surface, therefore it is more likely to be the kind that walks on its belly, only ALLAH (SWT) Knows.

#### YA'JOOJ AND MA'JOOJ

To know something about who or what those Ya'jooj and Ma'jooj are, let's study cited verses #(5-6) carefully. These verses depict part of the story of a man who believed in ALLAH (SWT). ALLAH (SWT) Bestowed on this man kingship and power on the earth, and Gave him the ways and the means to establish his just rule on vast lands and people of different races. This man was known as "The Two Horned" (in Arabic, Thul'garnine). In the first verse of cited verses #(5-6), ALLAH (SWT) Says "Until he (Thul'garnine) reached where the sun rises, he found that it rises on people, We Have not Made for them a cover to protect them from it (the sun)". It is recognized that most of the stories, if not all, in the Holy Qur'an took place in the geographic region known as the Middle East. This verse means that Thul'garnine moved far away in the eastward direction until he reached a land unprotected from the sun and inhabited by people. The land which is not protected from the sun is desert. That is, *Thul'garnine* reached a desert in the east and this desert was inhabited by people. This flat desert most likely would be the southern part of Iraq, north of the Arabian (Persian) Gulf. In the fourth verse of these verses, ALLAH (SWT) Says "until he (Thul'qarnine) reached between the two dams, he found beneath them people who scarcely could understand a talk". This verse indicates that Thul'garnine continued to move eastward until he reached a place where there are two dams. The dams are usually constructed in a valley. That is, the people who scarcely could understand a talk were living in a valley bounded by two dams. Describing those people as "who scarcely could understand a talk" is an indication that those people were very primitive and they have difficulty in explaining themselves. The location where those people lived is a valley bounded by two dams east of the southern part of Iraq. This place could be somewhere near the Iran-Afghanistan-Pakistan borders. In the next verse, those primitive people complained to *Thul'garnine* that Ya'jooj and Ma'jooj corrupt everything, and they were willing to pay him a tribute to construct a dam between themselves and Ya'jooj and Ma'jooj. This proposed dam would protect the primitive people from the corruption of Ya'jooj and Ma'jooj. In the remaining of the verses, Thul'qarnine did not accept any payment from the primitive people, instead he asked them to help him physically to build the dam. When the dam was built, Ya'jooj and Ma'jooj could not climb over it nor could make a hole in it in order to raid those primitive people, as they used to. At that time *Thul'agrnine* thanked and praised his LORD for His mercy, and said "when the time promised by my LORD comes, He Will Demolish it (the dam), and my LORD'S promise is indeed true".

From these last verses we learn that Ya'jooj and Ma'jooj were also primitive, since they did not have the ability or the means to climb over the dam or to make a hole in it. It is not mentioned in these verses or any other verses in the Holy Qur'an, whether Ya'jooj and Ma'jooj are people or some kind of beasts.

Ya'jooj and Ma'jooj are mentioned only in two locations in the Holy Qur'an, in cited verses # (5-6) and in cited verses #(5-7). In the first verse of cited verses #(5-7), ALLAH (SWT) Says, "Until when Ya'jooj and Ma'jooj is opened, and they swiftly swarm from

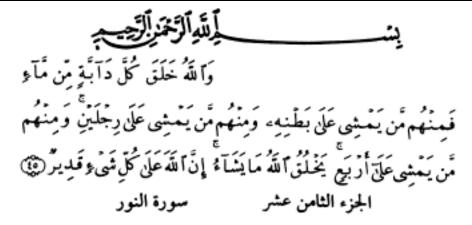


#### Cited Verse #(5-4)

#### In The Name of ALLAH, Most Gracious, Most Merciful

And when the word is fulfilled against them, We Brought out an animal (daabbah) from the earth that talks to them, that the people were not believing with assurance in Our signs.

(part 20, Surat Al Naml "The Ants")



#### Cited Verse #(5-5)

#### In The Name of ALLAH, Most Gracious, Most Merciful

And ALLAH Created every animal (*daabbah*) from water, among them that walks on its belly, and among them that walks on two legs, and among them that walks on four legs, ALLAH Creates what He Wills, for ALLAH is Capable of doing everything.

(part 18, Surat Al Noor "The Light")

everywhere". In the first part of this verse, the verb "is" is related to a singular name. However, Ya'jooj and Ma'jooj are two names that should be represented by a verb in its plural form. Therefore, the expression "is opened" suggests that the place where Ya'jooj and Ma'jooj live is also called Ya'jooj and Ma'jooj. Some people might think incorrectly that Ya'jooj and Ma'jooj is some form of natural disaster, such as lava flowing out of an erupted volcano. Ya'jooj and Ma'jooj are living creatures, since in the above verse they are referred to by the word "they". From the last verse of cited verses #(5-6), we learn that the dam that Thul'qarnine built will remain intact until a time assigned by ALLAH (SWT) has come. At that time, ALLAH (SWT) will demolish this dam. The first verse of cited verses #(5-7) explains what will happen when the dam (constructed by Thul'qarnine) is demolished. At that time Ya'jooj and Ma'jooj will be opened, and they will swiftly swarm from everywhere. That is, ALLAH (SWT) is Keeping Ya'jooj and Ma'jooj locked up in their place by means of that dam, until the time Promised by ALLAH (SWT) comes.

In the second verse of cited verses #(5-7), ALLAH (SWT) Says "And the true promise has approached, and then the eyes of the unbelievers will be staring in horror, "we are doomed, we have been heedless of this, and we have been unfair (for themselves)"". In this verse, the phrase "the true promise has approached" means that judgment day has approached. From the last verse of cited verses #(5-6) and from cited verses #(5-7), we learn that when the day of judgment becomes very near, ALLAH (SWT) Will Demolish the dam that Thul'qarnine built and Ya'jooj and Ma'jooj will be opened. Ya'jooj and Ma'jooj will then swiftly break from their place and swarm everywhere. They will corrupt and destroy everything they come across. This event will be one of the horrific and catastrophic events that will precede judgment day.

### THE EVENTS

In the Holy Qur'an, ALLAH (SWT) Describes in details the events that will occur before and on judgment day. Those events will be so horrible and so catastrophic beyond the imagination of the human mind.

#### <u>WHAT WILL HAPPEN TO OUR SUN</u> <u>AND TO ALL OTHER STARS</u>

In the first verse of cited verses #(5-8), ALLAH (SWT) Says "When the sun is caused to be like a ball". The second verse explains what is meant by the first verse. In the second verse, ALLAH (SWT) Says "And when the stars lose their luster". That is, when the stars cease to emit light. The sun is a star. Therefore, the first verse means that the time will come when the sun will no longer emit light, and will take the form of a dark ball. To understand the meaning of these verses, let's take a look at the simplified illustration of the sun's structure, shown in Figure (5-1). The sun is a huge volume of gas,

Cited Verses #(5-6)

#### In The Name of ALLAH, Most Gracious, Most Merciful

Until he (Thul'qarnine) reached where the sun rises, he found that it rises on people We Have not Made for them a cover to protect them from it (the sun). And so, We Have Known what he has in mind, then he continued for a reason. Until he reached between the two dams, he found beneath them people who scarcely could understand a talk. They said "O Thul'qarnine!, the Ya'jooj and Ma'jooj are corrupters of the earth, would we render you a tribute in order to make a dam between us and them. He (Thul'qarnine) said "what my LORD Has Bestowed on me is better, just help me with power (physical) and I shall make between you and them a barrier. Fetch to me iron ore, until the space between the two mountains is filled, he said "blow air", until he made fire out of it, said "bring me molten lead to pour over it". Then they (Ya'jooj and Ma'jooj) could not climb over it,

nor they could make a hole in it. He (Thul'qarnine) said "this is a mercy from my LORD, and when the time promised by my LORD comes, He [ALLAH (SWT)] Will Demolish it (the dam), and my LORD'S Promise is indeed true".

(part 16, Surat Al Kahf "The Cave")

mainly hydrogen and helium. The fusion process of the hydrogen atoms in the sun's core produces tremendous amount of heat and transfers the hydrogen to helium. The heat transfers from one zone inside the sun to another by means of complex processes and chemical reactions. The outer layers of the sun are pulled inward towards the core by its gravitational force. Due to the very high temperatures, the gases at the outer layer of the sun are in their ionized state thus forming a mixture of electrically charged particles, electrons (negatively charged) and ions (positively charged). This mixture is known as "gaseous plasma". This gaseous plasma reacts to magnetic and to electric fields. That is, electromagnetic fields affect the motion and the pressure distribution of the gases at the outer layer of the sun.

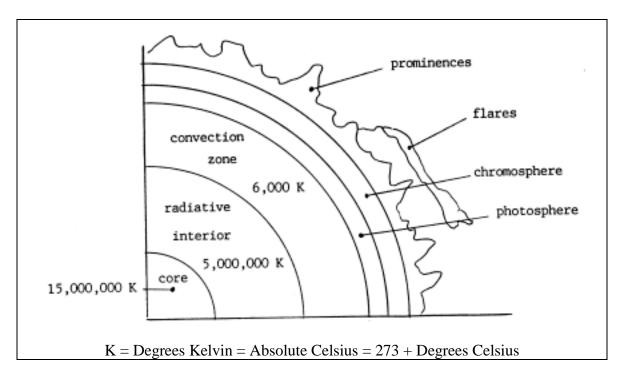


Figure (5-1) A simplified illustration of the sun's structure (Not to Scale)

At the time pre-assigned by ALLAH (SWT), huge electromagnetic forces will be applied on the outer surface of the sun. The pressure due to those forces will squeeze the outer layer and in turn increases the pressure in the core. Such pressure increase will force the core to shrink and becomes more dense. The fusion processes in the core will then become more active and produce more heat. The outer layers of the sun will be



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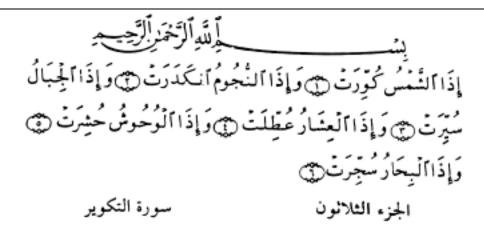
الجزء السابع عشر سورة الأنبياء

### Cited Verses #(5-7)

#### In The Name of ALLAH, Most Gracious, Most Merciful

Until Ya'jooj and Ma'jooj is opened, and they swiftly swarm from everywhere. And the true promise has approached, and then the eyes of the unbelievers will be staring in horror, "we are doomed, we have been heedless of this, and we have been unfair".

(part 17, Surat Al Anbiya'a "The Prophets")



#### Cited Verses #(5-8)

#### In The Name of ALLAH, Most Gracious, Most Merciful

When the sun is caused to be like a ball. And when the stars lose their luster. And when the mountains are mad to move. And when the mating is ceased. And when the beasts are herded. And when the oceans are heated to boil.

(part 30, Surat Al Takweer "To be Like a Ball")

forced to expand outwards and their temperatures and luminosity increase dramatically. The temperature on the surface of the earth will increase substantially, causing oceans' waters to boil [last verse of cited verses #(5-8)]. The accelerated fusion process in the core of the sun will deplete the hydrogen gas (which is the fuel) so fast, until it reaches a critical stage where there will not be enough hydrogen to sustain such process. The core will then cool down until its temperature becomes low enough so that the fusion process ceases. The sun will then stop producing heat and emitting light. At that time, the remaining gases will condense and pulled inward by the gravitational force, thus forming solid, inert, dense and dark ball.

In the second verse of cited verses #(5-8), ALLAH (SWT) Says "And when the stars lose their luster". Our sun is a star. What will happen to our sun will happen to all the stars. Also in describing what will happen on judgment day [first verse of cited verses #(3-33)], ALLAH (SWT) Says "When the stars are dimmed". That is, on judgment day, all the stars will cease to emit light.

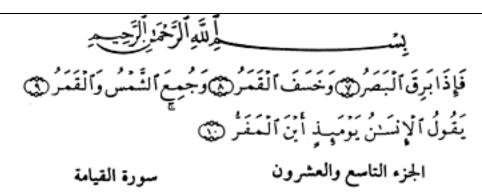
The light emitted from the stars is due to heat generated within. As explained above, the stars will no longer generate heat. Accordingly, on judgment day, there will be not a single source of heat or light in the lowest heaven. There will be complete darkness. The temperature will then drop to absolute zero (-273 degrees Celsius). At that temperature there are no motions of any kind, even at the sub-nuclear level, and everything will be stand still.

In the second and the third verses of cited verses #(5-9), ALLAH (SWT) Says "And the moon ceases to shine. And the sun and the moon are joined together". The moon shines due to the reflection of the sun's light from its surface. When the sun no longer generates heat and emits light, the moon will be just a dark object. When the sun becomes a dense dark object, its gravitational force becomes so strong. This strong gravitational force will overcome the gravitational force of the earth, which keeps the moon orbiting around it (the earth). The moon will then be liberated from its orbit around the earth, and will be attracted towards the dense dark mass, which used to be the sun.

#### WHAT WILL HAPPEN TO THE PLANETS

In the second verse of cited verses #(3-34), ALLAH (SWT) Says "And when the planets are scattered". The increase in the gravitational force of the dark dense mass which used to be the sun, will disrupt the orbital motions of the planets in our solar system. The inner planets, Mercury and Venus (the planets closest to the sun), may be pulled towards this dense mass. The orbits and the motions of the outer planets will be corrupted and they will be scattered.

In Chapter 3, we have learned that there are extraterrestrial planets beyond our solar system. Those planets may belong to their own solar systems. Since all the stars will

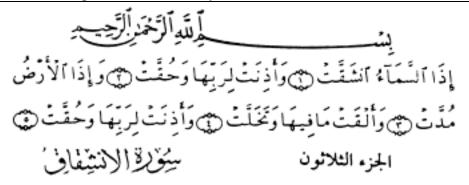


#### Cited Verses #(5-9)

### In The Name of ALLAH, Most Gracious, Most Merciful

And when the sight is dazed. And the moon ceases to shine. And the sun and the moon are joined together. That day, the human says "where is the refuge?".

(part 29, Surat Al Qiyamah "The Resurrection")



#### Cited Verses #(5-10)

#### In The Name of ALLAH, Most Gracious, Most Merciful

When the heaven is split. And hearkened to its LORD and truly did so. And when the earth is swollen. And threw out what within and became empty. And hearkened to its LORD and truly did so.

(part 30, Surat Al Enshiqaaq "The Splitting")

become dense dark masses, the extraterrestrial planets will also scatter, as the planets in our solar system will do.

#### WHAT WILL HAPPEN TO THE EARTH

In the first two verses of cited verses #(4-34), ALLAH (SWT) Says "When the earth is quaked vigorously. And the earth threw out its heavy constituents". In the third and fourth verses of cited verses #(5-10), ALLAH (SWT) Says "And when the earth is swollen. And threw out what within and became empty". We have learned earlier in this

chapter that the sun's temperature will suddenly increase. The temperature on the earth will accordingly rise to beyond the boiling point of water (100 degrees Celsius). This will cause the water in the oceans to boil [last verse of cited verses #(5-8)]. A significant portion of the oceans' waters will evaporate. The earth is constructed in several layers (Chapter 7). The inner layers exert tremendous pressure on the outer layers, which is balanced by the weight of the outer layers (the gravitational force that pulls the outer layers inwards). The oceans cover about two thirds of the earth's surface. That is, a significant portion of the weight of the earth's crust is attributed to the oceans' waters. When the oceans' water totally or partially evaporate, the force due to the internal pressure from the earth's internal layers will exceed the weight (gravitational force) of the outer layers. The outer layers will then be pushed outwards and the earth will be swollen. When the earth's outer layers are pushed outwards, they will crack. The magma (hot, soft semi-liquid) beneath the outer layers (Chapter 7) will then be forced to flow outwards, to the surface of the earth. The molten metals in the outer core of the earth (Chapter 7) may also be forced to flow to the earth's surface through cracks in the Mesosphere layer (Chapter 7). The molten metals in the outer core and the magma beneath the outer layers are the heavy constituents of the earth. When those heavy constituents from within the earth are forced out to the earth's surface, the inner part of the earth will be almost empty [fourth verse of cited verses #(5-10)].

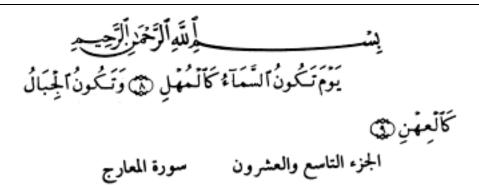
The existence of the heavy constituents within the inner layers of the earth is essential for the uniformity and the stability of its motions (spinning and translation). As the heavy constituents are pushed outwards to the earth's surface, its stable mass distribution will be altered, and it will wobble violently.

Appreciable change in the mass distribution of the earth changes its moment of inertia. Accordingly a significant change in the direction (and may be the location) of the earth's spin axis will occur. This will cause the earth to wobble violently and may induce unimaginable storms everywhere on the earth's surface.

The wobbling of the earth together with the flow of the hot magma and molten metals on the earth's surface will displace the mountains from their locations. The rocks in the mountains will be crushed and become soft [second verse of cited verses #(5-11)]. Their foundations will be destabilized and will then collapse [third verse of cited verses #(5-8)]. With the violent wobbling of the earth, it will be pounded severely, everything will be leveled off and nothing will rise above the earth's surface [first verse of cited verses #(5-14)].

#### WHAT WILL HAPPEN TO THE HEAVEN

As explained earlier, the extinguishing of the stars (our sun included) will occur in two major phases. Sudden increase in their temperatures and luminosity, then rapid decline in



Cited Verses #(5-11)

### In The Name of ALLAH, Most Gracious, Most Merciful

The day the heaven becomes like molten brass. And the mountains become like wool. (part 29, Surat Al Ma'arij "The Outer Space Ways")

فَإِذَا نُفِخَ فِي الصَّورِ نَفْخَةٌ وَ حِدَةٌ ﴿ وَعَعَبِ الْأَرْضُ وَالْجِبَالُ فَدُكَّنَا دَكَّةُ وَ حِدَةً ﴿ وَ فَعَبِ الْوَاقِعَةُ ﴿ وَ فَعَبِ اللَّهَ الْعَنْ وَالنَّفَقِ السَّمَا عُ فَهِى يَوْمَهِ فِي وَاهِيَةً ﴿ وَاهِيمَةً ﴿ وَالْمَلَكُ عَلَىٰ أَرْجَا بِهَا ۚ وَيَعْمِلُ عَرْضَ رَبِكَ فَوْقَهُمْ يَوْمَهِ فِي مَا نِيهَ اللّهِ اللّهِ اللّهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهِ اللهُ الله

Cited Verses #(5-12)

#### In The Name of ALLAH, Most Gracious, Most Merciful

Then when the horn is blown into one blow. And the earth and the mountains are carried then pounded by one blow. On that day, the event has occurred. And the heaven split, then on that day it becomes flimsy. And the angels on its sides, and on that day eight carry your LORD'S Throne above them. On that day, you are displayed, nothing of your deeds is hidden.

(part 29, Surat Al Haaqqah "The Sure Reality")

their temperatures and luminosity until they cease to generate heat and emit light. During the first phase, each individual star will become brighter and bigger. The dark voids between the stars will appear smaller. The lowest heaven will then be seen as if it is lit by yellowish light. Such light is similar to the light emitted from molten brass [Cited verse #(5-11)].

In all the verses in the Holy Qur'an, where ALLAH (SWT) Describes what will happen to the heaven on judgment day, the word "heaven" in its singular form is always used. In Chapter 3, we have learned that the word "heaven" is intended to be the lowest heaven (the universe). Moreover, the events that will happen to the lowest heaven on judgment day are described by the words, "opened", "splits or cracks", "becomes flimsy", and "cleft asunder". In cited verses #(3-33), ALLAH (SWT) Says "And when the heaven is slightly opened". In cited verses #(3-34), ALLAH (SWT) Says "When the heaven is cleft asunder". In cited verses #(5-10), ALLAH (SWT) Says "When the heaven is split". In cited verses #(5-12), ALLAH (SWT) Says "And the heaven split and on that day it becomes flimsy". These words describe what happens to a solid structure.

In cited verses #(3-5), ALLAH (SWT) Says "And We Have Adorned the lowest heaven with lamps ...". In cited verse #(3-31), ALLAH (SWT) Says "Do not they look at the heaven above them, how We Have <u>Built</u> it and Adorned it, and it has no flaws". In cited verse #(3-41), ALLAH (SWT) Says "And We Have Adorned the lowest heaven with lamps and Made it a place for shooting at the devils ...". In cited verses #(4-18), ALLAH (SWT) Says "And we (the jinns) have touched the heaven and found that it is full of strong guards and streaking asteroids". In all these verses, <u>we notice that there is a distinction between the heaven and what is in the heaven. The stars (the lamps) which adorn the lowest heaven as well as the streaking asteroids are things contained within the heaven. Also, the strong guards (the angels) move within the heaven. Moreover, we notice in the above verses that ALLAH (SWT) Has <u>Built</u> the heaven first, then He Adorned it with the stars. All of these confirm the conclusion reached in Chapter 3, that the lowest heaven is a huge enclosure surrounding the earth and containing all the stars and the other celestial objects.</u>

The words listed above, describing what will happen to the lowest heaven on judgment day provide additional proof that the lowest heaven has a ceiling formed of solid dark matter.

In Chapter 3, we have learned the following facts:-

- $\bullet$  The lowest heaven (the universe) is expanding [cited verses #(3-42)].
- ♦ The locations of the stars (and their distribution) is one of the major phenomena that ALLAH (SWT) Has Created [cited verses #(3-40)].

Also in Chapter 3, the following have been concluded:-

- The stars are energy producers, where matter is transformed to energy.
- ◆ The process of transforming matter to energy (inside the stars) and the process of transforming energy to matter are continuously going on in the lowest heaven (the universe).

In Chapter 3, we have learned that ALLAH (SWT) Has Created everything in pairs [cited verse # (3-45)]. He Has Created the matter and the anti-matter. He Has Created the male and the female. Similarly, in the laws of physics, ALLAH (SWT) Has Created for each physical process its reverse process. A physical process and its reverse process form continuous cyclic actions. The production of rain is an example of a physical process and its reverse process. The physical process is the evaporation of the oceans' water and the formation of the clouds. The reverse process is the condensation of the water vapor in the clouds and the fall of rain.

Now before explaining how the lowest heaven (the universe) splits or cracks, we have to answer the question; how could the lowest heaven be expanding while maintaining the structural integrity of its solid boundary? It is only ALLAH (SWT) Who Knows. However, based on the physical laws which we know, two possibilities may be considered. The quasars are huge stars located far beyond the distant galaxies. Each one of them produces energy hundreds of times more than a galaxy. It has been recognized that the two major forces in the universe (the lowest heaven) are, the gravitational force and the electromagnetic force. The gravitational force is directly proportional to the mass of the star or any other celestial object, while the electromagnetic force generated from a star is directly proportional to its energy production. Therefore, the quasars have tremendous gravitational forces and generate very powerful electromagnetic forces. Recent astronomical observations revealed that the distant galaxies are much more massive than those closer to the earth. This indicates that the gravitational forces as well as the electromagnetic forces near the outer edge of the lowest heaven (the universe) are much greater than those closer to the earth.

In all the verses in the Holy Qur'an describing how the heavens were created, ALLAH (SWT) Says that He Has <u>Built</u> or <u>Constructed</u> them. That is, their outer boundaries are built with solid dark matter. Accordingly, the bulk of the total mass of the lowest heaven (the universe) is concentrated at its outer edge (outer perimeter). Since the gravitational force is directly proportional to the mass, therefore, the outer perimeter of the universe (the lowest heaven) has the greatest gravitational force in the whole universe. The object with the larger gravitational force attracts towards it the one with smaller gravitational force. The overwhelming gravitational force of the outer edge of the lowest heaven attracts all the near by celestial objects, that is the quasars and the distant galaxies. Since the outer edge of the lowest heaven is actually a huge closed enclosure, therefore the quasars and the distant galaxies are attracted towards the outer edge of the lowest heaven in a disperse fashion. That is, they move further apart from each other as they move

towards the outer edge. The outer edge of the lowest heaven is expanding, that is moving outwards from the earth. Such expansion combined with its great gravitational attraction cause the quasars and the distant galaxies to move with very high speeds towards the edge of the lowest heaven. As the distance of the galaxies from the outer edge of the lowest heaven increases, the gravitational attraction decreases and their speeds towards the edge decrease. Figure (5-2) shows an illustration of the expansion of the lowest heaven (the universe) and the motions of the galaxies towards its outer edge.

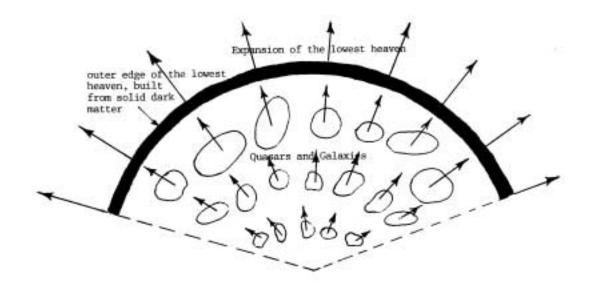


Figure (5-2) An illustration of the expansion of the lowest heaven.

#### POSIBILITY # 1

ALLAH (SWT) Has Created (Built) the outer perimeter of the lowest heaven with very thick solid material (dark matter). As the perimeter is expanding, the inner layers of the solid perimeter are pushed outwards to cover the increased surface area due to the expansion process. That is, the solid outer perimeter becomes thinner as time progresses. On judgment day, the thickness of the outer perimeter becomes so small that it cracks or splits in parts. In this possibility, the matter produced by the conversion of part of the energy generated by the quasars and the galaxies is totally recycled in producing the medium for the making of new non-illuminating celestial objects. In this case, most of the produced matter is not attracted to the perimeter of the lowest heaven. Also in this case, the split of the lowest heaven on judgment day is not attributed to the extinguishing of the stars. A schematic representation of this Possibility is presented in Figure (5-3).

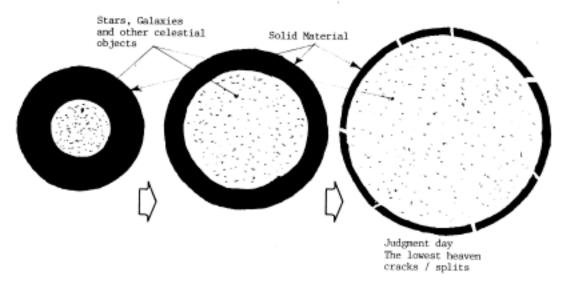


Figure (5-3) An illustration of Possibility #1

### POSSIBILITY # 2

ALLAH (SWT) Has Created (Built) the outer perimeter of the lowest heaven (the universe) from solid dark matter with constant thickness that does not change with time. As the heaven expands, the surface area of the outer perimeter increases. To maintain the structural integrity of the heaven's ceiling, new solid matter must be continuously added to cover the increase in the surface area. Therefore, there must be sources that

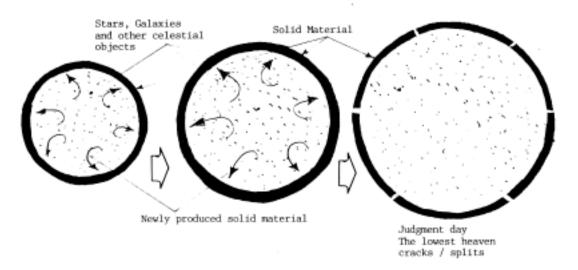


Figure (5-4) An illustration of Possibility #2

continuously produced the required additional dark matter. The needed dark matter is continuously produced from the quasars and the galaxies by means of the inverse process of converting energy to matter. Most of the produced dark matter is attracted to the heaven's ceiling to cover the increase in the surface area and the remaining part is recycled to produce the medium for the making of non-illuminating celestial objects. On judgment day, all the stars will be extinguished and they will not be energy producers any more. The production of the dark matter will then cease. As the lowest heaven continue to expand, and due to the lack of additional dark matter, the ceiling of the lowest heaven (the universe) will then crack and split. A schematic representation of this Possibility is presented in Figure (5-4).

In Possibility #1, it appears that the locations of the quasars and the galaxies do not play an essential role in maintaining the structural integrity of the outer perimeter of the lowest heaven. On the other hand, in Possibility #2, the locations of the quasars and the galaxies are essential and of paramount importance in maintaining the structural integrity of the ceiling of the lowest heaven. Moreover, due to their tremendous gravitational and electromagnetic forces, the locations and the distribution of the quasars and the galaxies control the overall dynamics of the lowest heaven (the universe). This is in accordance to what ALLAH (SWT) Says in cited verses #(3-40). Therefore, Possibility #2 is the most likely one. Only ALLAH (SWT) Knows.

# THE SEQUENCE OF EVENTS

The general sequence of events that will occur on judgment day is presented in cited verses #(5-12), (5-13), (5-14) and (5-15). Some of the events in these verses are repeated. The sequence of events may be extracted from these verses as follows:-

#### ♦ CATASTROPHE THAT TURN THE EARTH INTO RUINS

Dramatic increase in earth's temperature that will cause the oceans' waters to boil [cited verses #(5-8)].

Swelling of the earth and the eruption of volcanoes all over the earth and the vigorous quakes [cited verses #(4-34) and #(5-10)].

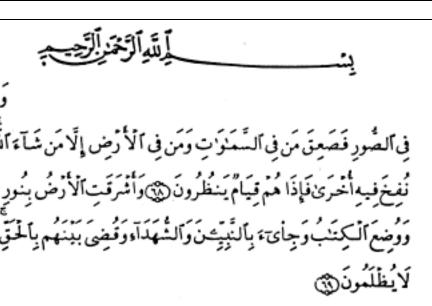
People will still be living on the earth and they will witness this catastrophe [cited verses #(4-34)].

#### ♦ <u>AT THE FIRST BLOW IN THE HEAVENLY HORN</u>

All who are in the heavens and the earth, except those exempted by ALLAH (SWT) will fall unconscious [cited verses #(5-13)].

The earth will be pounded by a severe blow and the mountains will be demolished [cited verses #(5-14)].

The lowest heaven will split and becomes flimsy [cited verses #(5-10) and #(5-12)].



سورة الزمر

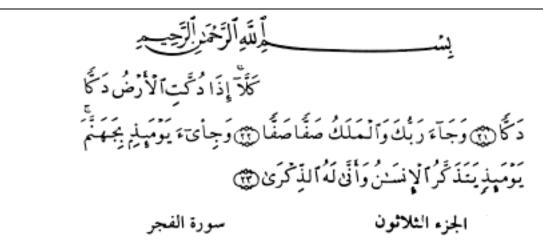
الجزء الرابع والعشرون

Cited Verses #(5-13)

#### In The Name of ALLAH, Most Gracious, Most Merciful

And the horn was blown into, then all who are in the heavens and who are on the earth fell unconscious except those who ALLAH Exempted, then the horn was blown into once more, then they are standing and looking. And the earth was lit by its LORD'S Light, and the book (record of deeds) was placed, and the Prophets and Martyrs were brought, and a just decision was made between them, and they are not treated unfairly.

(part 24, Surat Al Zumor "The Crowds")



Cited Verses #(5-14)

#### In The Name of ALLAH, Most Gracious, Most Merciful

Nay!, when the earth is severely demolished. And your LORD Comes and the angels in rows one after the other. And the hell is brought near by, on that day, the human

Remembers, but how useful that remembrance will be. (part 30, Surat Al Fajr "The Dawn")

The angels are everywhere in the lowest heaven, and above them Eight carry The Throne of ALLAH (SWT) [cited verses #(5-12)].

- ◆ ALLAH (SWT) RECREATES THE EARTH AND THE HEAVENS IN DIFFERENT FORMS [cited verses #(5-15) and #(6-6)].
- ♦ AT THE SECOND BLOW IN THE HEAVENLY HORN

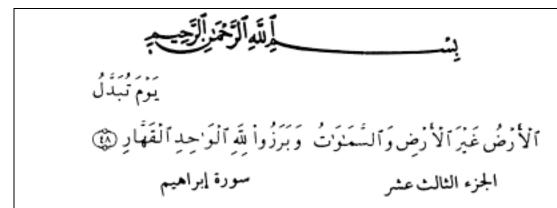
All who died and who fell unconscious will be resurrected [cited verses #(5-13)]. ALLAH (SWT) Comes and the angels in rows [cited verses #(5-14)]. The earth will be lit by ALLAH's Light [cited verses #(5-13)]. The hell is brought nearby [cited verses #(5-14)].

◆ THE JUDGING PROCESS BEGINS [cited verses #(5-13)].

We have learned in Chapter 3, that all natural events that occur on the earth are initiated and triggered by events in the heavens and in particular, the lowest heaven (the universe). Judgment day will also begin by the occurrence of events in the lowest heaven (Probably in all the heavens). Only ALLAH (SWT) Knows what will happen. However, based on our limited knowledge of the physical laws and from the information which ALLAH (SWT) Has Given in the Holy Qur'an, a generalized outline may be envisioned.

The triggering event is the generation of extremely powerful electromagnetic waves that will propagate all over the lowest heaven (the universe). As explained earlier in this chapter, those electromagnetic waves are so intense that they will exert tremendous pressure on all the stars, our sun included. The sudden rise in the sun's temperature will initiate the sequence of disasters that will happen to the earth (explained earlier in this chapter). The heavenly horn is then blown into once. The waves emitted from this blow will be so powerful and so concentrated that it will cause all the creatures who live on the earth and in the heavens to fall unconscious, except those exempted by ALLAH (SWT). The earth and the mountains will be pounded by one gigantic blow that will complete their total destruction.

As all the stars in the lowest heaven are extinguished, the outer perimeter (ceiling) of the lowest heaven cracks and splits (explained earlier in this chapter). Total darkness will be everywhere and the temperature everywhere will drop to absolute zero (-273 degrees Celsius). The angels will assemble all over the lowest heaven and above them Eight carry The Throne of ALLAH (SWT). It is not known who or what those Eight are. May be, those Eight are the earth and the seven heavens, since ALLAH's Throne is above the seven heavens. ALLAH (SWT) then Recreates the heavens and the earth in different forms, suitable for the afterlife.



#### Cited Verse #(5-15)

#### In The Name of ALLAH, Most Gracious, Most Merciful

The day the earth will be changed to be a different earth and so will be the heavens, and they presented themselves to ALLAH, The One, The Conqueror.

(part 13, Surat Ibraheem "Abraham")

The heavenly horn is blown into another time. All who died, since the creation of life, and all who fell unconscious at the first blow of the heavenly horn, are then resurrected. ALLAH (SWT) then Comes, and the angels in rows one after the other. From total darkness, the earth in its new recreated form [cited verse #(5-15)] will be lit by ALLAH's Light. The hell will be brought near by and the process of judging begins. An illustration of the sequence of events that will take place on judgment day is shown in Figure (5-5).

In the third verse of cited verses #(5-14), ALLAH (SWT) Says "And the hell is brought near by ...". This indicates that the hell existed before judgment day, and on judgment day it will be brought near by. The humans and the jinns will be resurrected on the earth, in its new form and will be judged there. The recreation of the heavens and the earth precedes judgment day. Everything that existed during the first creation (the present life) will no longer be there. This presents two possibilities. If the hell as well as the paradise existed during the first creation, they may be located in a dimension other than the physical domains of the heavens and the earth, or they will be created with the recreation of the heavens and the earth (within the physical domains of the recreated heavens and earth). Only ALLAH (SWT) Knows.

In the Holy Qur'an, judgment day is always referred to as "that day", "the resurrection day", and "The day of accountability". In Chapter 2, we have learned that a day in the sight of ALLAH (SWT) is equivalent to one thousand of our lunar years. Judgment day may have a specific length of time. If so, it may be one earth day or one day in the sight of ALLAH (SWT), that is one thousand of our lunar years. On the other hand, judgment day may not have a specific length of time. The expression "that day" may refer to "when" the resurrection day will be. Only ALLAH (SWT) Knows.

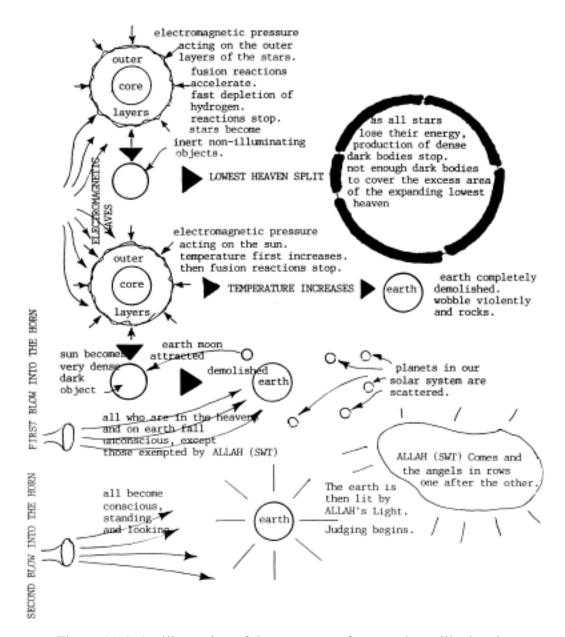


Figure (5-5) An illustration of the sequence of events that will take place before judgment day.

# SUMMARY AND CONCLUSIONS

The findings in Chapter 5 may be summarized as follows:-

- ♦ ALLAH (SWT) Has Created the heavens and the earth to last only for a specific period of time. Only ALLAH (SWT) Knows when the heaven and the earth will cease to exist in their present form. That is when judgment day will be.
- ♦ There are minor signs and there are major signs that will precede judgment day. Almost all the minor signs and some of the major signs are told in sayings by Prophet Mohammad (ppbuh). In The Holy Qur'an, four of the major signs are mentioned. The first major sign is mentioned indirectly, that is, it is deduced from some verses in the Holy Qur'an. This sign is the revelation of the Holy Qur'an and the religion of Islam to Prophet Mohammad (ppbuh). The second major sign is the formation of the nation of Israel. The third major sign is the day when ALLAH (SWT) Brings out from the earth an animal that talks to the people. The fourth major sign is the opening of Ya'jooj and Ma'jooj. Ya'jooj and Ma'jooj corrupt and destroy everything they come across on the face of the earth.
- ◆ A sequence of cosmic events will precede the beginning of judgment day. Those events are summarized in the following paragraphs.
- ◆ An extremely powerful electromagnetic waves will propagate all over the lowest heaven. Since the outer layers of all the stars, including our sun, are composed of electrically charged particles (known as hot gaseous plasma), the powerful electromagnetic waves will exert tremendous pressure on those layers. Accordingly, the fusion processes in the cores of the stars will accelerate, thus producing more heat and light. The hydrogen in our sun (may be other gases in some of the other stars) will be depleted very fast. Their temperatures will then drop below that required for maintaining the fusion processes. The fusion reactions then cease and the cores will cool down. The stars, including our sun will then become dense, inert and non-illuminating objects.
- ♦ During the phase when the temperature of the sun increases, the water in the oceans of the earth will boil and most of it will evaporate. The weight of the earth's crust will decrease substantially. The internal pressure will then push the earth's crust outwards causing it to crack at many locations. Volcanoes will then erupt in many places and molten iron and rocks (lava) will flow to the earth's surface. The mountains will be

destabilized and will collapse and earth quakes will be all over. The earth will wobble violently. At that time people will be still living on the earth and they will witness the horrors of the earth's destruction.

- As our sun (as well as all other stars) transforms to a dense, inert, non-illuminating object, its gravitational force will increase substantially. Such increase in its gravitational force will disrupt the orderly motions of the planets in our solar system, and they will be scattered. It will also attract our moon from its orbit around the earth.
- ◆ The heavenly horn will be blown into one blow. As a result, all who are still living on the earth and in the heavens will fall unconscious except those exempted by ALLAH (SWT).
- Before judgment day and before the extinguishing of all the stars, the process of transforming part of the energy produced by the stars to matter was preserving the structural integrity of the lowest heaven's ceiling, by continuously supplying solid dark matter to cover the increasing surface area due to the heaven's expansion. On Judgment day, the stars will no longer be energy producers. The production of solid dark matter will cease, while the lowest heaven (the universe) will still be expanding. As a result the ceiling of the lowest heaven will crack and split.
- ♦ After the extinguishing of all the stars, there will be no sources of heat or light in the lowest heaven (the universe). Deep darkness will be all over and the temperature will drop to absolute zero (-273 degrees Celsius=0 degrees Kelvin). At that temperature, everything will be stand still, no motion at all, even at the sub-nuclear level.
- ♦ The heavenly horn will be blown into once more. All who fell unconscious before will become conscious and all the dead will be resurrected. ALLAH (SWT) Will Descent to the lowest heaven and the angels in rows one after the other. The earth will take a new form and it will be lit from all directions by ALLAH's Light. The book (the record of deeds) will be opened and the judging process commences.
- ◆ It is not known how long judgment day will be. Will it be an earth day, or a day in the sight of ALLAH (SWT), that is one thousand of our lunar years (Chapter 2)?. Only ALLAH (SWT) Knows.