

# THE QURAN ON THE UNIVERSE

“Verily in the heavens and the earth are Signs... (45:3)

“The science of modern cosmology, observational and theoretical, clearly indicates that, **at one point in time, the whole universe was nothing but a CLOUD OF SMOKE**” (i.w. An opaque highly dense and hot gaseous composition) (1)

“Then He turned to **the heavens when it was smoke...**” (41:11)



“Have not those who disbelieved known that **the heavens and the earth were one connected entity, then We separated them, We made from water every living thing.**” (21:30)



“**Water is the major constituent of living matter.** From 50 to 90 percent of the weight of living organisms is water. ” (2)

“ We constructed the heaven with our hands, and we **keep expanding it.**” (51:47)

“Our knowledge of the expansion of the Universe” (3)

“ **It is He Who created the Night and the Day and the sun and the moon: all (the celestial bodies) SWIM along each in its ROUNDED COURSE.**” (21:33)

“ He created the heavens and the earth in true (proportions): He makes the **Night overlap the Day and the Day overlap the Night: He has subjected the sun and the moon (to His law) each one follows a course for a time appointed..**” (39:5)

“**He draweth the Night as a veil over the Day. Behold verily in these things there are Signs for those who consider!**” (13:3)

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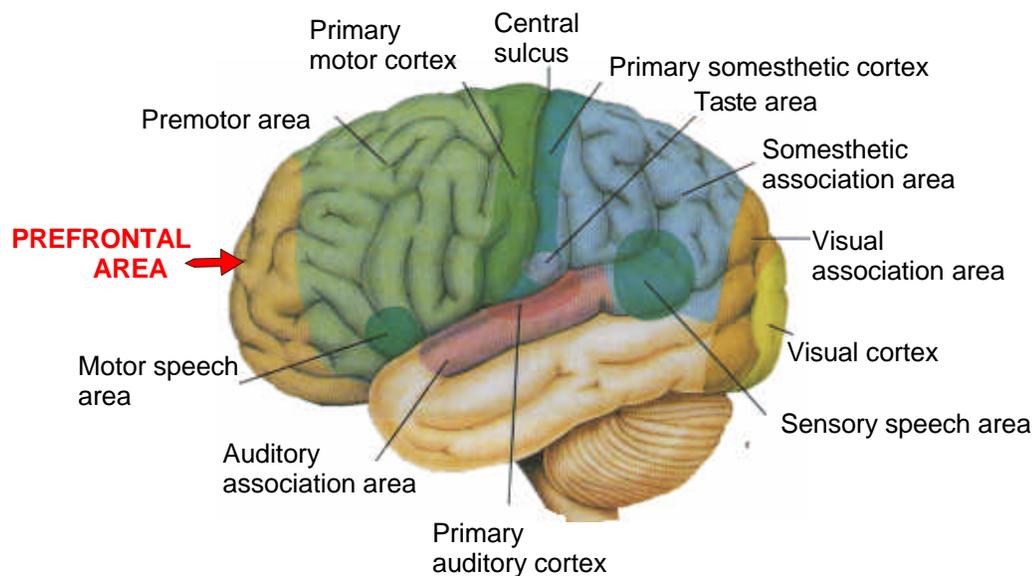
(1) The First Three Minutes, a Modern View of the Oringin of the Universe, Weinberg, Page: 94-105

(2) Microsoft Encarta Encyclopedia, 1996

(3) Understanding the Earth a new synthesis, G.C. Brown, C.J. Hawkesworth & C.C. Wilson 1992, Page:12

# THE QURAN ON THE CEREBRUM

“Let him beware! If he does not stop, **We will drag him by the Forelock** \* ,  
**a lying, sinful forelock**” (96:15-16)



“The motivation and the foresight to plan and initiate movements occur in the anterior portion of the **FRONTAL LOBES**, the **PREFRONTAL AREA**.” (1)

“In relation to its involvement in motivation, the **PREFRONTAL AREA** is also thought to be the **functional center of AGGRESSION**...” (1)

This area of the cerebrum is responsible for planning, motivating and initiating good and sinful behavior, and is responsible for telling lies and speaking the truth. Thus, it is proper to describe the front of the head as lying and sinful when someone lies or commits a sin as the Quran said, “...A lying, sinful Naseyah (front of the head)!” (2)

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\* Forelock is the front portion of the head.

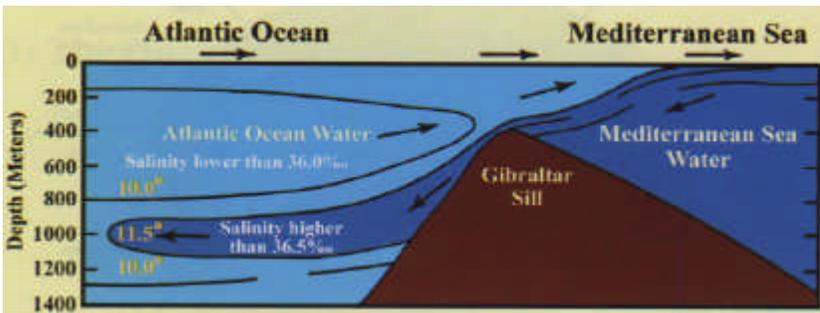
(1) Essentials of Anatomy & Physiology, Seeley and others, Page:211

(2) A brief guide to understanding Islam with colorful illustrations, I. A. Ibrahim, Page:16

# THE QURAN ON OCEANS

“Modern Science has discovered that in the places where two different seas meet, there is a barrier between them. This barrier divides the two seas so that each sea has its own temperature, salinity and density.” (1)

**“He has let free the two seas meeting together. Their is a BARRIER between them, they do not transgress.” (55:19-20)**

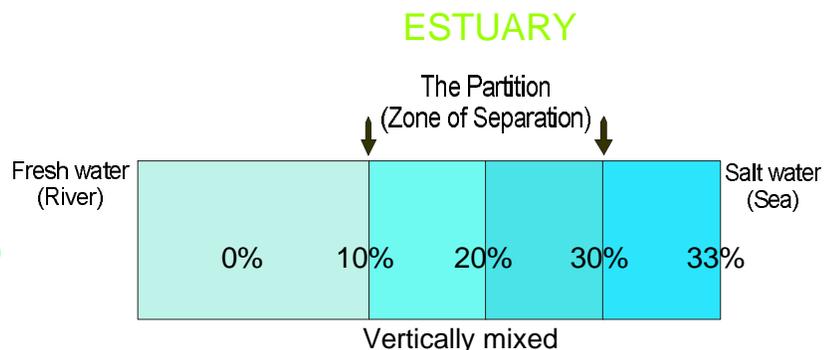


The Mediterranean sea water as It enters the Atlantic over the Gibraltar sill with its own warm, saline and less dense characteristics , because of the barrier that distinguishes between them.

“Modern Science has discovered that in estuaries, where fresh (sweet) and salt water meet, the situation is somewhat different from what is found in places where two seas meet. It has been discovered that what distinguishes fresh water from salt water in estuaries is a “pycnocline zone with a marked density discontinuity separating the two layers.” (2)

**“He is the one who has let free the two bodies of flowing water, one palatable and sweet, and the other salty and bitter. And He has made between them a barrier and a FORBIDDING PARTITION.” (25:53)**

“This partition (zone of separation) has a different salinity from the fresh water and from the salt water” (3)



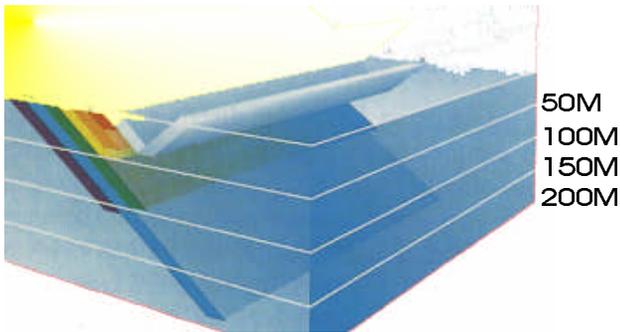
(1) Principles of Oceanography, Davis, Page:92-93

(2) Oceanography, Gross, Page:242

(3) Oceanography, Gross, Page:244

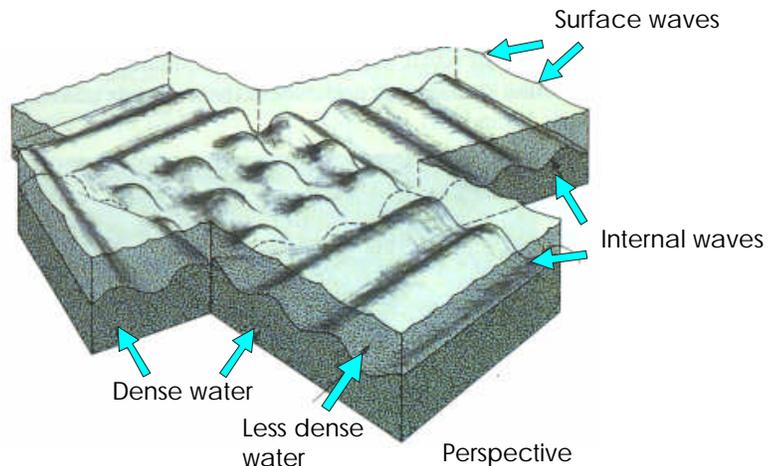
# THE QURAN ON OCEANS

“ Or is like the darkness in a deep sea. It is covered by waves, above which are waves, above which are clouds. Darkness, one above another. If a man stretches out his hand, he cannot see it...” (24:40)



The darkness in deep seas and oceans is found around a depth of 200 meters and below. At this depth, there is almost no light. Below a dept of 1000 meters there is no light at all. (1)

Scientists have only recently discovered that there are internal waves which “occur on density interfaces between layers of different densities.” (2)



The internal waves cover the deep waters of seas and oceans because the deep waters have a higher density than the waters above them. **Internal waves act like surface waves. They can also break just like surface waves. Internal waves cannot be seen by the human eye,** but they can be detected by studying temperature or salinity changes at a given location. (3)



(1) Oceans, Elder and Pernetta, Page:92-93

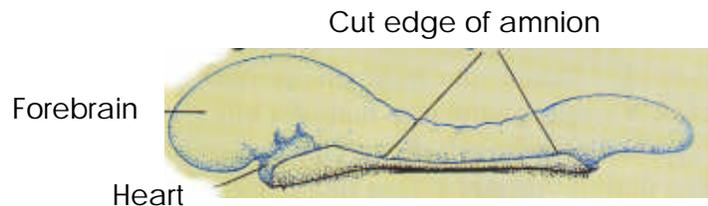
(2) Oceanography, Gross, Page:205

(3) Oceanography, Gross, Page:205

# THE QURAN ON HUMAN EMBRYONIC DEVELOPMENT

“We created man from an extract of clay. Then We made him as a drop in a place of settlement, firmly fixed. Then We made the drop into an alaqah\* (leech, suspended thing, blood clot), then We made the alaqah into a mudghah\*\* (chewed, lump)” (23:12-14)

## A: Human Embryo

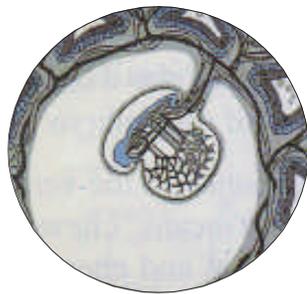


## B: Leech



In comparing a leech to the embryo at the transitory stage (alaqah) we find similarity between the two. (1)

Also, the embryo at this stage obtains nourishment from the blood of the mother, similar to the leech which feeds on the blood of others. (2)



The second meaning of the word alaqah is “suspended thing”... The suspension of the embryo, during the alaqah stage, in the womb of the mother. (3)

Suspension of an Embryo during the early stages in the womb of the mother. (About 15 days old) The actual size of the embryo is about 0.6mm.

\* Alaqah : Bloodsucker (Pg.92), Suspended (Pg.745), Clot (Pg.146). Elias Modern Dictionary, E-A, 1992

\*\* Mudghah : Chewed (Pg.137) Elias Modern Dictionary, E.A, 1992

(1) The developing Human, Moore and Persaud, 5th ed., Page:8

(2) Human Development as described in the Quran and Sunnah, Moore and others, Page:36

(3) A brief guide to understanding Islam with colorful illustrations, I. A. Ibrahim, Page:6

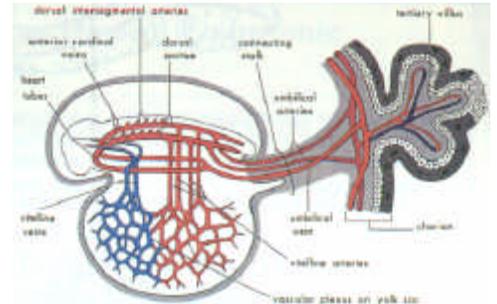
# THE QURAN ON HUMAN EMBRYONIC DEVELOPMENT

“We created man from an extract of clay. Then We made him as a drop in a place of settlement, firmly fixed. Then **We made the drop into an alaqah (leech, suspended thing, blood clot), then We made the alaqah into a mudghah (chewed, lump)” (23:12-14)**

We find that the external appearance of the embryo and its sacs during the transitory stage (alaqah) is **similar to that of a blood clot**. This is due to the presence of relatively large amounts of blood present in the embryo during this stage. (1)

**The blood in the embryo does not circulate until the end of the third week. (2)**

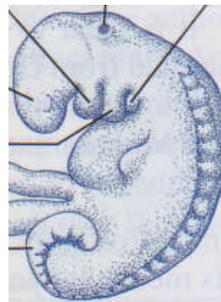
**Thus the embryo is like a clot of blood at this stage!**



The embryo at the mudghah stage acquires the appearance of a chewed-like substance because of the somites at the back of the embryo that “somewhat resemble teethmarks in a chewed substance.” (3)

**A: Embryo**

**B: Gum**



When comparing the appearance of an embryo at the mudghah stage with a piece of gum that has been chewed, we find similarity between the two.

(1) Human Development as described in the Quran and Sunnah, Moore and others, Page:37-38

(2) The developing Human, Moore and Persaud, 5th ed., Page:65

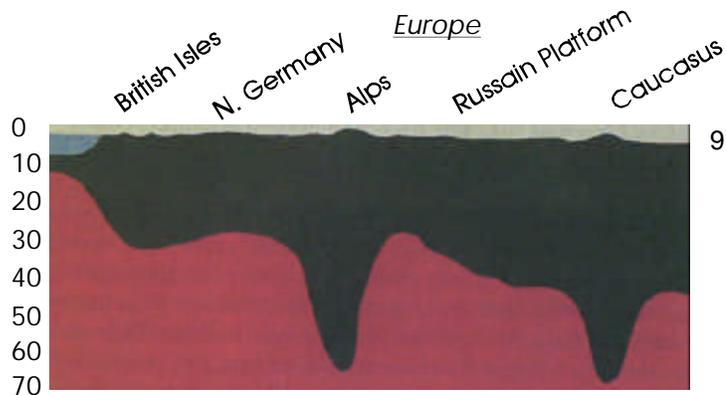
(3) The developing Human, Moore and Persaud, 5th ed., Page:8

# THE QURAN ON MOUNTAINS

“ Have We not made the earth as a wide expanse And the mountains as PEGS?” (78:6-7)

“That Mountains have underlying roots.” (1)

“Modern earth sciences have proven that **mountains have deep roots under the surface of the ground.**” (2)



The mountains, like pegs, have deep roots embedded in the ground.

“ And he has set firm mountains in the earth so that it would not SHAKE with you; and rivers and roads: that ye may guide yourselves” (16:15)

“The mountains play an important role in stabilizing the crust of the earth.” (3)

“Likewise the Modern theory of plate tectonics holds that **mountains work as stabilizers for the earth** has just begun to be understood in the framework of plate tectonics since the late 1960's” (4)

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(1) The Earth, Frank Press & Siever, Page:435

(2) The Geological Concept of Mountains in the Qur'an, El-Naggar, Page:5

(3) The Earth , Frank Press & Siever

(4) The Geological Concept of Mountains in the Qur'an, El-Naggar, Page:5

# THE QURAN ON CLOUDS

**“ Have you not seen how God makes the clouds move gently, then joins them together, then makes them into a stack, and then you see the rain come out of it...” (24:43)**

**The clouds are pushed by the wind:** Cumulonimbus clouds begin to form when wind pushes small pieces of clouds (cumulus clouds) to an area where these clouds converge.

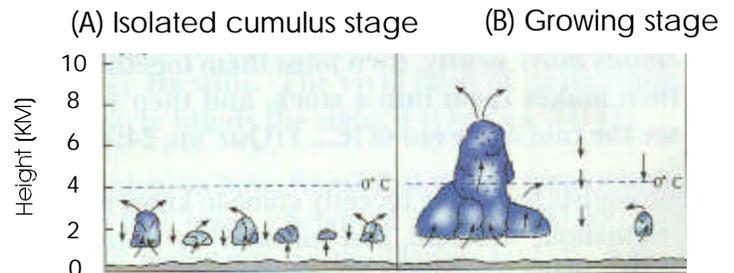
**Joining:** Then the small clouds join together forming a larger cloud.

**Stacking:** When the small clouds join together updrafts within the larger cloud increase... These updrafts cause the cloud body to grow vertically, so the cloud is stacked up... When these drops of water and hail become too heavy for the updrafts to support them, they begin to fall from the cloud as rain, hail, etc. (1)

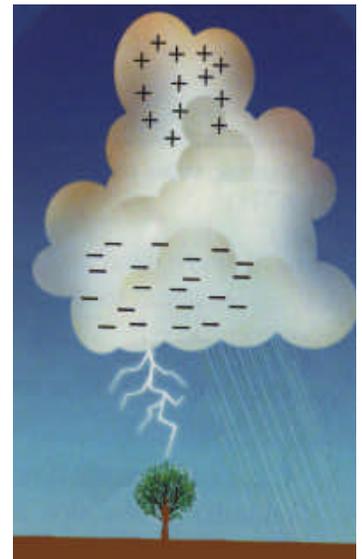
**“ And he sends down HAIL from mountains (clouds) in the sky, and he strikes with it whomever he wills, and turns it from whomever he wills. The vivid flash of its lightning nearly blinds the sight.” (24:43)**

Meteorologist have found that these cumulonimbus clouds, that shower hail, reach a height of 25,000 to 30,000 ft (4.7 to 5.7 miles) (2)

Clouds become electrified as hail falls through a region in the cloud of supercooled droplets and ice crystals... The hail, left with a negative charge, falls toward the bottom of the cloud, thus the lower part of the cloud becomes negatively charged. **These negative charges are discharged to the ground as lightning.** (3)



A cumulonimbus cloud after the cloud is stacked up and rain comes out of it.



(1) The Atmosphere, Anthes and others, Page: 268-9, and Elements of Meteorology, Miller & Thompson, Page: 141-2

(2) Elements of Meteorology, Miller & Thompson, Page: 141

(3) Meteorology Today, Ahrens, Page:437

# MORE SCIENTIFIC FACTS

**“The Roman Empire has been defeated . In a land close by, but they after (this) defeat of theirs will soon be victorious Within a FEW YEARS.” (30:2-4)**

The Roman army was badly defeated at Antioch in **613**, and as a result, the Persians swiftly pushed forward on all fronts. (1)

In **622**, nine years after the Romans’ defeat, the two forces (Romans & Persians) met on Armenian soil and the result was the decisive **victory of the Romans over the Persians**, for the first time after the Romans’ defeat in 613. (2)

**“Thereafter, he made the earth egg-shaped. And produced therefrom the water thereof and the pasture thereof,.” (79:31)**

**“Was he not a drop of sperm emitted? Then did he become a leach-like clot; Then did (God) make and fashion (him) in due proportion. And of Him he made two sexes, male and female.” (75:37-39)**

**“Those whom God willeth to guide He opens their breast to Islam; those whom He willeth to leave straying He makes their breast close and constricted as if they had to climb up to the skies” (6:125)**

**"This is no less than a Message to the Worlds And they shall certainly know the truth of it (all) after a while" (38:87-88)**

**“God, Who will soon show you his signs, so that ye shall know them.” (27:93)**

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(1) History of Byzantine State, Ostrogorsky, Page:95

(2) History of Byzantine State, Ostrogorsky, Page:100-101

# STILL TO BE FOUND

**More recently, new lines of evidence have begun to complement the existing data. That is, for example active research into the possible involvement of CLAYS in the origin of life. Their potential as catalysts has been long emphasized,** while the alternation of different clay minerals in clay-stack has led to the intriguing suggestion that here is a possible template for the coding of information that by subsequent transfer to living cells provided the basis for the genetic code. (1)

**“He it is who created you from CLAY...” (6:2)**

**“And He revealed IRON, wherein is mighty power and (many) uses for mankind” (57:25)**

He stated that the scientists have come only recently to discover the relevant facts about that formation process of Iron on earth. He said **that the energy of the early solar system was not sufficient to produce elemental Iron.** In calculating the energy required to form one atom of iron, it was found to be about four times as much as the energy of the entire solar system. In other words, the entire energy of the earth or the moon or the planet Mars or any other planet is not sufficient to form one new atom of iron, even the energy of the entire solar system is not sufficient for that. That is why Professor Armstrong said that the scientists believe that **iron is an extraterrestrial that was sent to earth and not formed therein.** (2)

**“God is He Who created seven Firmaments (Heavens) and of the earth a similar number.” (65:12)**

**“Although some of the other planets have atmospheres and contain water.” (3)**

**“For a term appointed did God create the heavens and the earth and all between them” (30:8)**

**“Do they not consider the Qur'an? Had it been from other than God they would surely have found therein much discrepancy.” (4:82)**

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(1) Understanding the Earth a new synthesis, G.C. Brown, C.J. Hawkesworth & C.C. Wilson 1992 Page:438

(2) NASA, Professor Armstrong (well-known scientist at NASA)

(3) Microsoft Encarta Encyclopedia, Earth, 1996

## SCIENTISTS

- Professor Keith Moore, one of the world's prominent scientists of anatomy and embryology. the University of Toronto, Canada.  
It has been a great pleasure for me to help clarify statements in the Qur'aan about human development. It is clear to me that these statements must have come

-Dr. T.V.N. Persaud is a Professor of Anatomy and Head of the Department of Anatomy, and a professor of Pediatrics and Child Health, University of Manitot  
"It seems to me that Muhammad was a very ordinary man. He could not read or write. In fact, he was illiterate. We are talking about 1400 years ago. You have

- Professor Alfred Kroner who is one of the world's most famous geologists  
"Thinking about many of these questions and thinking where Muhammad came from, he was after all a bedouin. I think it is almost impossible that he could l

- Professor Yushudi Kusan: Director of the Tokyo Observatory,  
"I say, I am very much impressed by finding true astronomical facts in the Qur'aan."

**The Quran is the literal word of God, which he revealed to Muhammed\* through the Angel Gabriel. It was memorized by Muhammad\*, who then di**

**The Quran goes into great detail about Science as well as many other things. The Quran is memorized by millions of Muslims and is in the original f**

**After reading this, I ask the reader the question.... Is it possible that anyone could have wrote this book over 1400 years ago and come up with all the**

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Joe Shwartz, Scientist at Vanier.  
Brahna Gillet, Community and Health Nurse at Vanier  
Alexandra Glashan, Biologist at Vanier  
Mameed Deger, Geologist and Biologist.  
Fodie Drame, Expert on the Quran.  
Salam Meonawi, Expert on the Quran  
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The Bible, the Quran and Science, Maurice Baucuie  
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